

# IMPORTANT NOTES

## New to the University

### 1. Medical Physics

The University of Winnipeg Senate has approved a BSc Honours program in Medical Physics within the Physics department.

### 2. Radiation Health and Safety

This program is being planned for full implementation in 2010/11, subject to final administrative approval. Please contact the Physics department chair or designate for further information.

### 3. Radiation Therapy

This program is being planned for full implementation in 2010/11, subject to final administrative approval. Please contact the Physics department chair or designate for further information.

### 4. English 4-Year BA streams

The English department has introduced two new streams in the 4-Year BA, one in Literature and Cultures, and one in Young People's Texts and Cultures.

### 5. MA in English with a Focus on Cultural Studies

The new MA program in English, approved in 2008-09, will have its first intake of students for Fall 2009.

### 6. Forfeit of Credit-Statute of Limitations

The Forfeit of Credit regulation, allowing students to sit out and start afresh, now requires a three-year period of non-attendance, as opposed to the former five year period. (See Admission and Readmission or Academic Regulations and Policies.)

## Online Student Information System

As the University implements a new online Student Information System, some changes to the procedures and/or regulations already in print may become necessary. Please check the University of Winnipeg website for updates.

**ACADEMIC TERMS** - The University of Winnipeg offers courses in three terms. The Fall and Winter terms each have 12 weeks of classes and 2 weeks of evaluation. A full course (6 credit hours) is normally taught over two terms and a half course (3 credit hours) over one term. However, a course may also be taught in a condensed or expanded time frame. The Spring term has 8 weeks of class and there is a Summer session during the months of July and August.

**FIPPA and PHIA** - *The Freedom of Information and Protection of Privacy Act* (FIPPA) and *The Personal Health Information Act* (PHIA) both apply to The University of Winnipeg. The Vice-Presidents of the University have responsibility for the implementation and oversight of all matters related to both pieces of legislation. Should any of the university's policies conflict with FIPPA or PHIA, the provisions of FIPPA or PHIA shall prevail unless otherwise expressly provided for at law.

**LOSS OF SERVICE** - No liability shall be incurred by The University of Winnipeg for loss or damage suffered or incurred by any student or third party as a result of delays in or termination of services, courses or classes by reason of: acts of God, fire, floods, weather, riots, wars, strikes, lock-outs, damage to University property, financial conditions, or other happenings or occurrences beyond the reasonable control of the University.

**NATIONAL DAY OF ACTION AND REMEMBRANCE OF VIOLENCE AGAINST WOMEN** - In recognition of the "National Day of Action and Remembrance of Violence Against Women," The University of Winnipeg Senate passed a motion that on December 6: there be academic amnesty for assignments, papers, participation marks, and attendance marks for that date; that no tests or exams be held after 3:30 p.m. on that date; and that classes operate on a normal schedule on that date.

**RELIGIOUS HOLIDAYS**- Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work or examinations without penalty.

**SMOKING** - The University of Winnipeg is a non-smoking environment.

## IMPORTANT NOTICE AND DISCLAIMER

The information in the 2009-2010 University Course Calendar, posted on the University's website, is considered the final and accurate authority on all academic matters. If there are differences between any published documents and the posted Calendar, the posted Calendar will be considered the authority.

The contents of this Calendar reflect the intentions of the University at the time of posting, with respect to the matters it contains. THE UNIVERSITY EXPRESSLY RESERVES THE RIGHT TO DEVIATE FROM WHAT APPEARS IN THE CALENDAR, including both content and scheduling, in whole or in part, and including, without limiting the generality of this disclaimer, the right to revise the content of, and to cancel, defer, reschedule or suspend, in whole or in part, the scheduling of particular periods of instruction, courses, or programs, and the academic program of the University, and to alter, accelerate or defer fees and charges, and to do any or all of the above either in order to serve what the University considers to be the best interests of the academic or student community or of the University itself, or because of any circumstance or occurrence, whether occurring by or through the wilful act or negligence of the University, or otherwise and whether or not beyond the reasonable or other control of the University, and as a result of circumstances or occurrences including financial resources, natural catastrophe or disaster, the health, safety and well-being of the employees or students of the University, labour disagreements or disputes, slow-downs, work-stoppages, and strikes. THE UNIVERSITY DOES NOT ACCEPT, AND EXPRESSLY DISCLAIMS, ANY OR ALL RESPONSIBILITY OR LIABILITY to any person, persons or group, for any loss, injury, damages or adverse effect, either direct or indirect, consequential or otherwise, arising out of any one or more of such deviations. The University disclaims liability to any person who may suffer loss as a result of reliance upon any information contained in this Calendar.

Each and every of the subsequent provisions contained in this Calendar, and the relationship, both legal and otherwise, between the University, and its students, is expressly subject to and governed by the above provisions.

The Office of the Registrar will assist students with any questions or problems which might arise concerning the interpretation of academic regulations. It is, however, the responsibility of students to see that their academic programs meet the University's regulations in all respects.

## DATES FOR THE 2009-2010 ACADEMIC YEAR

Updated Dec 10, 2009

March 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- Mar 1 Early application deadline for High School students applying to Arts, Science, Education, and Business and Economics for the 2009 Fall Term. Applications received by this date will be given early consideration for admission on the basis of interim (March/April) grades for current students or on the basis of final grades for applicants who have already graduated.
- Mar 1 FINAL DATE for applications from all applicants to the Faculty of Education for the 2009 Fall Term with the exception of High School and Transfer applicants.
- Mar 1 FINAL DATE for receipt of applications, including all necessary supporting documents, from international students applying from outside Manitoba for admission to the University for the 2009 Fall Term.
- Mar 1 FINAL DATE for submission of applications in order to receive Special Entrance Scholarship consideration for the 2009 Fall Term.
- Mar 1 FINAL DATE for receipt of applications for entrance scholarships for the 2009-2010 Fall & Winter Terms.
- Mar 6 FINAL DATE to withdraw without academic penalty from courses which begin in January 2009 and end in April 2009 of the 2009 Winter Term.
- Mar 31 FINAL DATE for receipt of applications from Canadian Citizens and Permanent Residents for first-time admission to the University for the 2009 Spring Term.

April 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

- Apr 6 LECTURES END for the 2009 Winter Term.
- Apr 9-23 The Winter Term evaluation period for final items of work for this term (which can include scheduled tests, exams, or the submission of papers or projects).
- Apr 10 GOOD FRIDAY: University closed.

May 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- May 1 FINAL DATE for transfer students to submit application, autobiography and letters of reference to the Faculty of Education for the 2009 Fall Term.
- May 4 LECTURES BEGIN for the 2009 Spring Term. FINAL DATE to pay fees without late payment fee being charged in the 2009 Spring Term.
- May 18 VICTORIA DAY: University closed.
- May 20 FINAL DATE to withdraw without academic penalty from courses which begin on May 4, 2009 and end on May 29, 2009 of the 2009 Spring Term.
- May 28 FINAL DATE to withdraw without academic penalty from courses which begin on May 4, 2009 and end on June 12, 2009 of the 2009 Spring Term.
- May 29 LECTURES END for all courses scheduled in the first 4 weeks of the 2009 Spring Term which begin on May 4, 2009 except for courses which have classes in lieu of Victoria Day.

June 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

- Jun 1 Classes held on this day are held in place of classes on Monday, May 18, 2009 and will be held in accordance with a Monday schedule.
- Jun 2 No classes for courses which begin on May 4, 2009 and end on June 30, 2009.
- Jun 2 The Spring Term evaluation period for final items of work (which can include scheduled tests, exams, or the submission of papers or projects) for all courses scheduled in the first 4 weeks of the 2009 Spring Term which end on May 29, 2009.
- Jun 3 LECTURES BEGIN for all courses scheduled in the second 4 weeks of the 2009 Spring Term.
- Jun 3 LECTURES RESUME for all courses which begin on May 4, 2009 and end on June 30, 2009 of the 2009 Spring Term.

- Jun 4 Annual Spring Convocation for the conferring of degrees in Science (morning), Business and Administration (morning), Education (afternoon), and Theology (afternoon).
- Jun 5 Annual Spring Convocation for the conferring of degrees in Arts (morning).
- Jun 5 FINAL DATE to withdraw without academic penalty from courses which begin on May 4, 2009 and end on June 30, 2009.
- Jun 5 LECTURES END for all courses scheduled in the first 6 weeks of the 2009 Spring Term which began on May 4, 2009.
- Jun 10 FINAL DATE for applications from High School applicants to the Faculty of Education for the 2009 Fall Term.
- Jun 12 LECTURES END for all courses scheduled in the first 6 weeks of the 2009 Spring Term which began on May 4, 2009, except for courses which have classes in lieu of Victoria Day.
- Jun 15 Classes held on this day are in place of classes on May 18, 2009 and will be scheduled in accordance with a Monday schedule.
- Jun 16 The Spring Term evaluation period for final items of work (which can include scheduled tests, exams, or the submission of papers or projects) for all courses scheduled in the first 6 weeks of the 2009 Spring Term which ends on June 12, 2009.
- Jun 17 LECTURES BEGIN for all course scheduled in the second 6 weeks of the 2009 Spring Term.
- Jun 18 FINAL DATE to withdraw without academic penalty from courses which begin on June 3, 2009 and end on June 30, 2009 of the 2009 Spring Term
- Jun 23 FINAL DATE to withdraw without academic penalty from courses which begin on May 4, 2009 and end on July 28, 2009 of the Spring Term.
- Jun 30 LECTURES END for all courses in the second 4 week term and the 8 week term of the 2009 Spring Term.

July 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

- Jul 1 CANADA DAY: University closed. Classes normally held on this day will be scheduled on July 29, 2009.
- Jul 2-3 The Spring Term evaluation period for all final items of work for the second 4 week term and the 8 week term (which can include scheduled tests, exams or the submission of papers or projects).
- Jul 13 FINAL DATE to withdraw without academic penalty from courses which begin on June 17, 2009 and end on July 28, 2009 of the Spring Term.

- Jul 13 LECTURES BEGIN for the Jump Start Session.
- Jul 28 LECTURES END for all courses scheduled in the second 6 week and 12 week terms of the 2009 Spring Term.
- Jul 29 Classes held on this day are in place of classes on Wednesday, July 1, 2009 and will be scheduled in accordance with a Wednesday schedule.
- Jul 30-31 The Spring Term evaluation period for final items of work for the second 6 week term and the 12 week term (which can include scheduled tests, exams, or the submission of papers or projects).

August 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	28	29	29
30	31					

- Aug 1 FINAL DATE for receipt of applications from Canadian Citizens and Permanent Residents for first-time admission to the University for the 2009 Fall Term.
- Aug 3 CIVIC HOLIDAY: University closed.
- Aug 15 FINAL DATE for receipt of applications for graduation from candidates who expect to graduate in October 2009. Applications received after this date may be treated as applications to receive the degree in absentia.
- Aug 21 LECTURES END for the Jump Start session, except for courses which have classes scheduled in lieu of the Civic Holiday.
- Aug 24 Classes held on this day are in place of classes on Monday, August 3, 2009 and will be held in accordance with a Monday schedule.
- Aug 25 The Jump Start evaluation period for final items of work (which can include scheduled tests, exams, or the submission of papers or projects)

September 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
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- Sep 1 FINAL DATE for receipt of applications, including all necessary supporting documents, from international students applying from outside Manitoba for admission to the University for the 2010 Winter Term.

- Sep 7 LABOUR DAY: University closed.
- Sep 9 LECTURES BEGIN for the 2009 Fall Term.
- Sep 9 FINAL DATE to pay fees without a late payment fee being charged for all courses which begin in the 2009 Fall and Fall/Winter Terms.
- Sep 9-22 Period when 2009-2010 Fall and Winter Term course registration, course adds/drops and section changes occur. Subsequent changes will be permitted only under the most exceptional circumstances and only when authorized by an Academic Advisor in the Student Services Office. Registration in all courses will be subject to space availability.

October 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
15	26	27	28	29	30	31

- Oct 2 FINAL DATE to withdraw without academic penalty from all courses which begin on September 9, 2009 and end on October 21, 2009 of the 2009 Fall Term.
- Oct 12 THANKSGIVING DAY: University closed. Classes normally scheduled for this day will be held on Thursday, December 3, 2009.
- Oct 18 Annual Fall Convocation for the conferring of degrees.
- Oct 30 FINAL DATE to withdraw without academic penalty from courses which begin in September and end in December of the 2009 Fall Term.

November 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

- Nov 11 REMEMBERANCE DAY: University Closed.

December 2009						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- Dec 1 LECTURES END for the 2009 Fall Term except for courses which have classes in lieu of Thanksgiving and Remembrance Day.
- Dec 1 FINAL DATE for receipt of applications from Canadian Citizens and Permanent Residents for first-time admission to the University for the 2010 Winter Term.
- Dec 2 Classes held on this day are in place of classes on Wednesday, November 11, 2009 and will be scheduled in accordance with a Wednesday schedule.
- Dec 3 Classes held on this day are in place of classes on Monday, October 12, 2009 and will be scheduled in accordance with a Monday schedule.
- Dec 7-18 The Fall Term evaluation period for final items of work for this term (which can include scheduled tests, exams, or the submission of papers or projects).
- Dec 19 University closed until January 4, 2010.

January 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- Jan 4 University opens.
- Jan 5 LECTURES BEGIN for the 2010 Winter Term.
- Jan 5 FINAL DATE to pay all fees for the 2010 Winter Term, without a late payment fee being charged.
- Jan 5-18 Period when 2010 Winter Term course registration, course adds/drops and section changes occur. Subsequent changes will be permitted only under the most exceptional circumstances and only when authorized by an Academic Advisor in the Student Services Office. Registration in all courses will be subject to space availability.
- Jan 22 FINAL DATE to withdraw without academic penalty from courses which begin in September, 2009 and end in April, 2010 of the 2009-2010 Fall and Winter Terms.

Jan 28 FINAL DATE to withdraw without academic penalty from all courses which begin on January 5, 2010 and end on February 22, 2010 of the 2010 Winter Term.

Jan 31 FINAL DATE for receipt of applications, including all necessary supporting documents, from international students applying from outside Manitoba for admission to the University for the 2010 Spring Term.

February 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

Feb 8 Winter Convocation. Degrees given in absentia. No ceremonies.

Feb 12 FINAL DATE for receipt of applications for degrees from candidates who expect to graduate in June 2010. Applications received after this date may be treated as applications to receive the degree in absentia.

Feb 12 FINAL DATE for After-Degree applicants to submit application, autobiography, chronological summary and letters of reference to the Faculty of Education for the 2010 Fall Term.

Feb 15 LOUIS RIEL DAY: University closed.

Feb 15-20 Mid-term reading week. No classes.

Feb 22 FINAL DATE to withdraw without academic penalty from all courses which begin on January 5, 2010 and end on February 22, 2010 of the 2010 Winter Term.

Feb 23 LECTURES BEGIN for all 3 credit hour courses scheduled in the second half of the 2010 Winter Term.

March 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Mar 1 Early application deadline for High school students applying to Arts, Science, Education, and Business and Economics for the Fall 2010 Term. Applications received by this date will be given early consideration for admission on the basis of interim (March/April) grades for current students or on the basis of final grades for applicants who have already graduated. Those who submit an application by March 1 will automatically receive Special Entrance Scholarship consideration for the 2010 Fall Term.

Mar 1 FINAL DATE for applications from all applicants to the Faculty of Education for the 2010 Fall Term, with the exception of High School and Transfer applicants.

Mar 1 FINAL DATE for receipt of applications for "Other entrance scholarships" for the 2010-2011 Fall & Winter Terms.

Mar 1 FINAL DATE for receipt of applications, including all necessary supporting documents, from international students applying from outside Manitoba for admission to the University for the 2010 Fall Term.

Mar 5 FINAL DATE to withdraw without academic penalty from courses which begin in January 2010 and end in April 2010 of the 2010 Winter Term.

Mar 18 FINAL DATE to withdraw without academic penalty from all courses which begin on February 23, 2010 and end on April 6, 2010 of the 2010 Winter Term.

Mar 31 FINAL DATE for receipt of applications from Canadian Citizens and Permanent Residents for first-time admission to the University for the 2010 Spring Term.

April 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Apr 2 GOOD FRIDAY: University closed.

Apr 5 LECTURES END for the 2010 Winter Term except for courses which have classes in lieu of Good Friday.

Apr 6 Classes held on this day are in place of those held on Friday, April 2 and will be scheduled in accordance with a Friday schedule.

Apr 12 - 23 The Winter Term evaluation period for final items of work for this term (which can include scheduled tests, exams, or the submission of papers or projects).

May 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

May 1 FINAL DATE for transfer students to submit application, autobiography, chronological summary and letters of reference to the Faculty of Education for the 2010 Fall Term.

May 3 LECTURES BEGIN for the 2010 Spring Term.

May 3 FINAL DATE to pay fees without late payment fee being charged in the 2010 Spring Term.

May 18 FINAL DATE to withdraw without academic penalty from courses which begin on May 3, 2010 and end on May 31, 2010 of the 2010 Spring Term.

May 24 VICTORIA DAY: University closed.

May 27 FINAL DATE to withdraw without academic penalty from courses which begin on May 3, 2010 and end on June 14, 2010 of the Spring Term.

May 28 LECTURES END for all courses scheduled in the first half of the 2010 Spring Term which begin on May 3, 2010, except for courses which have classes in lieu of Victoria Day.

May 31 Classes held on this day are in place of classes on Monday, May 24, 2010 and will be scheduled in accordance to a Monday scheduled.

June 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Jun 1 No classes for courses which begin on May 3, 2010 and end on June 29, 2010.

Jun 1 The Spring Term evaluation period for final items of work (which can include scheduled tests, exams, or the submission of papers or projects) for all courses scheduled in the first 4 weeks of the 2010 Spring Term which end on May 28, 2010.

Jun 2 LECTURES BEGIN for all courses scheduled in the second 4 weeks of the 2010 Spring Term.

Jun 2 LECTURES RESUME for all courses which begin in May and end in June of 2010 Spring Term.

TBA Annual Spring Convocation for the conferring of degrees in Science & Business Administration (morning) and Education & Theology (afternoon).

TBA Annual Spring Convocation for the conferring of degrees in Arts (morning).

Jun 4 FINAL DATE to withdraw without academic penalty from the courses which begin on May 3, 2010 and end in June of the 2010 Spring Term.

Jun 10 FINAL DATE for applications from High School applicants to the Faculty of Education for the 2010 Fall Term.

Jun 14 LECTURES END for all courses scheduled in the first 6 weeks of the 2010 Spring Term which begin on May 3, 2010.

Jun 15 The Spring Term evaluation period for final items of work (which can include scheduled tests, exams, or the submission of papers or projects) for all courses scheduled in the first 6 weeks of the 2010 Spring Term which end on June 14, 2010.

Jun 16 LECTURES BEGIN for all courses scheduled in the second 6 weeks of the 2010 Spring Term.

Jun 17 FINAL DATE to withdraw without academic penalty from courses which begin on June 2, 2010 and end on June 29, 2010 of the 2010 Spring Term.

Jun 23 FINAL DATE to withdraw without academic penalty from courses which begin on May 3, 2010 and end on July 28, 2010 of the Spring Term.

Jun 29 LECTURES END for all courses in the second 4 week term and the 8 week term of the 2010 Spring Term.

Jun 30, Jul 2 The Spring Term evaluation period for final items of work for the second 4 week term and the 8 week term (which can include scheduled tests, exams or the submission of papers or projects).

July 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Jul 1 CANADA DAY: University closed.

Jul 12 FINAL DATE to withdraw without academic penalty from courses which begin on June 16, 2010 and end on July 28, 2010 of the Spring Term.

Jul 12 LECTURES BEGIN for the Jump Start session.

Jul 28 LECTURES END for all courses scheduled in the second 6 weeks and the 12 week term of the 2010 Spring Term.

Jul 29-30 The Spring Term evaluation period for final items of work for the second 6 week term and the 12 week term (which can include scheduled tests, exams or the submission of papers or projects).

August 2010						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	28	29
29	30	31				

Aug 1 FINAL DATE for receipt of applications from Canadian Citizens and Permanent Residents for first-time admission to the University for the 2010 Fall Term.

Aug 2 CIVIC HOLIDAY: University closed.

Aug 15 FINAL DATE for receipt of applications for graduation from candidates who expect to graduate in October 2010. Applications received after this date may be treated as applications to receive the degree in absentia.

Aug 20 LECTURES END for the Jump Start session, except for the courses which have classes in lieu of the Civic Holiday.

Aug 23 Classes held on this day are in place of classes on Monday, August 2, 2010 and will be held in accordance with a Monday schedule.

Sep 1 FINAL DATE for receipt of applications, including all necessary supporting documents, from international students applying from outside Manitoba for admission to the University for the 2011 Winter Term.

Sep 6 LABOUR DAY: University closed.

Oct 11 THANKSGIVING DAY: University closed.

Oct 17 Annual Convocation for the conferring of degrees.



## GLOSSARY

Updated Aug. 20/09

**Admission:** The process of applying to and providing the necessary documentation to enrol in a degree credit program at The University of Winnipeg.

**Alumni:** Graduates of University degree programs and Division of Continuing Education certificate and diploma programs are collectively called alumni. Upon graduation, such students automatically become members of the Alumni Association.

**Alumni, Associate Member:** Students who have successfully completed 30 credit hours of degree-credit courses also may apply for Associate Membership.

**Appeal:** An appeal is the avenue of recourse available to students who wish to seek redress for what they deem to be an unfair decision of a faculty member or the University administration, or to obtain exemption from a policy or regulation. Appeals procedures are outlined in *Academic Regulations and Policies*.

**Auditor:** An audit student is one who has paid a reduced fee and has been granted permission by the instructor to sit in on a course. Such a student may not participate in the class, except by invitation of the instructor, and is not entitled to receive course credit.

**Calendar:** The annual publication which outlines admission requirements, general regulations, degree requirements, grading policies, course descriptions, and other information pertinent to an education at the University.

**Challenge for Credit:** A method through which a student may be able, with appropriate evidence and documentation, to obtain credit for learning acquired outside the University.

**Chair:** The head of an academic department.

**Cognate Course:** A course from a related discipline deemed to complement the chosen area of study and to encompass knowledge and skills essential to that area.

**Collegiate:** The division of the University which offers a Grades 9 – 12 high school program.

**Contact Hours:** This term refers to the total number of hours of instruction for a specific course. This number includes weekly lectures, labs, and tutorials, as well as other irregularly scheduled requirements.

**Continuing Education, Division of:** The division of the University which offers non-degree credit courses and diploma programs in areas such as Information Technology, Public Relations, Human Resources, Educational Assistant Training, Languages (including English as an Additional Language) and Management.

**Convocation:** The ceremony at which degrees are conferred upon students, after which they are called graduates or alumni.

**Coordinator:** The head of an interdisciplinary program.

**Corequisite:** A specific course or requirement which must be undertaken at the same time as a prescribed course, if it has not already been completed.

**Credit Hour:** The unit of measurement for the relative weight of courses.

**Cross-listed:** A course which is cross-listed by two academic departments (e.g. MATH and STATS; IDS and CRS; HIST and CLAS; ECON and BUS; ENG and RHET) relates in content and perspective to both disciplines. As such, it may be offered under either department's course number. A cross-listed course may be used to partially meet the Major requirements of either department, regardless of the course number at the time the course was successfully completed. Note: There are a few courses cross-listed by three departments (for example, UIC, AG and BUS; ENV, GEOG and WGS).

**Dean:** The administrative head of an academic unit at the University.

**Deferred Exam:** The opportunity granted to a student by the Senate Appeals Committee or an academic department to write a final exam or final test at an alternate time from the scheduled date. Appeals procedures are outlined in *Academic Regulations and Policies*.

**Discipline:** A branch of knowledge or learning.

**Elective:** A course not prescribed by the requirements of a program, but acceptable within that program and chosen by the student.

**Faculty:** The teaching and research staff of the University.

**Faculty, A:** A Faculty is a division of the University. The University of Winnipeg has Faculties of Arts, Education, Science, and Theology.

**Fee Payment Schedule:** This term refers to the schedule of fee payment dates and deadlines for students. The dates are set by Financial Services and are not negotiable.

**FIPPA:** The acronym for the Freedom of Information and Protection of Privacy Act of the Government of Manitoba.

**Full-Time Student:** A student who is registered for a minimum of 9 credit hours per term.

**Grade Point:** The numerical value given to an alphabetical letter grade used in the assessment of academic performance.

**Grade Point Average:** A numerical index of performance, the Grade Point Average or GPA is calculated by dividing the number of weighted grade points achieved by the number of credit hours successfully completed. A cumulative GPA is based on all course attempts for which grades were received. The graduation GPA is based only on those courses which are presented for graduation (e.g., the best 90 credit hours for a 3-Year Degree that satisfy degree requirements, excluding failed courses and using the best grade in any course that was repeated).

**Graduation:** The process whereby students, having completed all the requirements in a prescribed course of study, are awarded the degree(s) earned, after which they are called graduates or alumni.

**Humanities:** Once applied mainly to the study of Greek and Roman literature and philosophy, this term refers to the study of ideas about human culture and its expression through art forms and systems of thought. Disciplines designated as Humanities at The University of Winnipeg include Classics, English, French Studies, German Studies, History, Italian Studies, Music, Philosophy, Religious Studies, Spanish Studies, and Theatre and Drama.

**Humanities Requirement:** The obligation of students in all degree programs to complete a minimum of 12 credit hours of Humanities courses.

**Incomplete:** This term refers to the opportunity, granted to a student by the Senate Appeals Committee or an academic department, to complete items of term work after the end of the evaluation period for a course. Appeals procedures are outlined in *Academic Regulations and Policies*.

**Major:** The major is the area of specialization undertaken as one of the requirements for a degree. Departmental majors require a student to take a minimum number of courses in an individual department. Interdisciplinary majors require a student to take relevant courses from a variety of departments in order to specialize in a topic which crosses disciplinary boundaries.

**Mark Statement:** The official notification of final grades mailed to students after each academic term.

**Part-Time Student:** A student who is registered for fewer than 9 credit hours per term.

**PHIA:** The acronym for the Personal Health Information Act of the Government of Manitoba.

**PLAR:** The acronym for Prior Learning Assessment and Recognition at The University of Winnipeg.

**Practicum:** A course of study based on the practical application of theory to field work or research. In the BEd program, practicum applies to the courses and/or time that students spend in the schools student teaching.

**Pre-Professional Program:** A pre-professional program is a course of preparatory study undertaken so that a student will satisfy the requirements to apply to a faculty or school which provides training in a profession involving specialized advanced learning. Professional faculties and schools include Architecture, Chiropractic, Dental Hygiene, Dentistry, Engineering, Journalism, Law, Management, Medicine, Nursing, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, Social Work and Veterinary Medicine.

**Prerequisite:** The preliminary requirement which must be met before a course can be taken.

**Prerequisite Waiver:** Written permission from the instructor and/or Department for a student to register in a course without the stated prerequisite.

**Registration:** The process of officially enrolling in courses for a particular term or terms.

**Residence Requirement:** The total number of credit hours that must be taken at The University of Winnipeg in order to qualify for a degree from the University.

**Science:** This term refers to the disciplines that are devoted to the systematic observation of and experimentation with the material and the functions of the natural or physical world. Disciplines designated as Natural or Physical Sciences at The University of Winnipeg include Biology, Chemistry, Geography (Physical) and Physics. Mathematics and Statistics are usually included among the Science disciplines although they deal with abstract numerical relationships rather than with the natural or physical world.

**Science Requirement:** This requirement refers to the obligation of students in all Arts degree programs to complete 6 credit hours of Science courses. Students in some Science degree programs may have additional science requirements to fulfill besides the courses in their major department.

**Social Science:** This term refers to the scientific study of society and social relationships and behaviour. Disciplines designated as Social Sciences at The University of Winnipeg include Anthropology, Economics, Geography (Human and Regional), Politics, Psychology and Sociology.

**Social Science Requirement:** The obligation of students in Bachelor of Arts 4-year degree programs to complete 12 credit hours of Social Science courses.

**Term:** A Term is the designated period in the academic year during which courses are offered. The University of Winnipeg offers courses in a Fall Term, a Fall/Winter Term, a Winter Term, and a Spring Term.

**Timetable:** The list of courses which are offered during a particular term or terms.

**Timetabling:** The act of selecting and scheduling courses from the Timetable.

**Transcript:** The official document prepared by the Student Records Office of each student's complete academic history.

**Undergraduate:** A student registered in a program of studies which leads to a Bachelor's degree.

**Writing Requirement:** This term, also called the Academic Writing Requirement, refers to the obligation of students to take a writing course. This requirement is intended to aid students in developing their writing skills and strategies to the level generally expected of university students. Students may be exempted from the requirement in accordance with one of the criteria listed in *Degree and Major Requirements*.

# I

## THE UNIVERSITY

### 1. Degrees Offered

- a. Undergraduate Degrees
- b. Graduate Degrees

### 2. Mission Statement

- a. Mission
- b. Guiding Principles

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### 1. Degrees Offered

#### a. Undergraduate Degrees

The University confers the following undergraduate degrees in the Faculties of Arts, Science, Education, Theology, and Business and Economics:

Bachelor of Arts	BA (90 credit hours)
Bachelor of Arts (4-Year)	BA(4-Yr) (120 credit hours)
Bachelor of Arts (Honours)	BA(Hons) (120 credit hours)
Bachelor of Science	BSc (90 credit hours)
Bachelor of Science (4-Year)	BSc(4-Yr) (120 credit hours)
Bachelor of Science (Honours)	BSc(Hons) (120 credit hours)
Bachelor of Education (Integrated with BA)	BEd/BA (150 credit hours)
Bachelor of Education (Integrated with BSc)	BEd/BSc (150 credit hours)
Bachelor of Theology	BTh
Bachelor of Business Administration	BBA (90 credit hours)
Bachelor of Business Administration (4-Year)	BBA (4-Yr) (120 credit hours)

#### b. Graduate Degrees

The University confers the following graduate degrees:

##### University of Winnipeg Master's Program:

Master of Arts in Aboriginal Governance	MA
Master of Arts in Applied Computer Science and Society	MA
Master of Science in Bioscience, Technology and Public Policy	MSc
Master of Arts in English with a focus in Cultural Studies	MA
Master of Marriage and Family Therapy	MMFT
Master of Arts in Theology	MA
Master of Divinity	MDiv
Master of Sacred Theology	STM

##### Joint Master's Program with the

##### University of Manitoba:

Master of Arts in History	MA
Master of Arts in Religion	MA
Master of Public Administration	MPA

For further information on graduate degrees in Theology, please see the "Faculty of Theology" section of this Calendar.

### 2. Mission Statement

#### a. Mission

The University of Winnipeg is committed to excellence in post-secondary education through undergraduate and selected graduate programs, rooted in the liberal arts and culminating in degrees such as those in Arts, Science, Education, and Theology. In pursuit of our mission, we are guided by the knowledge that our primary responsibility is to our students, to whom we strive to offer a community which appreciates, fosters, and promotes values of human dignity, equality, non-discrimination and appreciation of diversity. We view both accessibility and excellence as important goals, and will endeavour to make the University as accessible as we can while maintaining high standards of quality in our academic programs. In the practice of scholarly enquiry through both teaching and research, we provide students with breadth and depth of knowledge, the skills to communicate effectively and to make informed decisions, an understanding of the ethical problems facing our society, and an appreciation of the full range of human, aesthetic, and environmental values. The University of Winnipeg values academic freedom, self-governance and community service.

#### b. Guiding Principles

The following abilities are central to a sound undergraduate liberal arts and science education: the ability to express oneself clearly and to read and listen critically; the ability to think logically and analyze quantitatively and qualitatively; the ability to relate the methods of the natural and social sciences to our natural and social environment; the ability to make informed and discriminating ethical and other value judgements; and the ability to interpret persons, things, events and circumstances from multiple philosophical, historical, cultural, and scholarly perspectives. An undergraduate liberal arts and science education enhances professional programs and provides a basis for life-long learning.

In keeping with the traditions of our founding colleges, The University of Winnipeg is concerned with developing our students' intellectual capacities, and their sense of self-worth and of responsibility to the community. We seek to increase their awareness of important moral issues, to develop and foster their concern for the welfare of others, and to enrich their understanding of the interdependence of all aspects of life in the modern world. This may be achieved through the application of multi-disciplinary approaches to the study of important issues wherever possible.

The unique character of The University of Winnipeg derives from the fact that we are a medium-sized university with a primary focus on undergraduate liberal education. This enables us to offer considerable breadth and depth in our programs while maintaining reasonable class sizes and enhanced interaction among students and between students, faculty and staff. It is an important part of our mission to preserve and, wherever possible, to enhance this character through carefully planned academic development and attention to the needs of our students, both full and part-time. The University will continue to seek improvements in its physical facilities and amenities, including ways in which the University can have a positive impact on the broader environment. These actions will require increased attention to matters of funding, through continued advocacy before the provincial government and the public on the University's financial needs, and through efforts to raise funds from the private sector in support of programs, facilities and scholarships.

In the true spirit of the nature of universities, The University of Winnipeg has an important role in the creation of new knowledge and the exploration of new ideas. Through support of the research and other scholarly activities of faculty members, including participation in graduate studies both within the institution and in collaboration with other universities, the University ensures that teaching and learning keep pace with the ever-changing state of knowledge. Further, we are committed to providing our undergraduates with opportunities to participate in, and contribute to, these activities at a relatively early stage in their academic development.

Through the Faculty of Theology, The University of Winnipeg will work in partnership with other colleges and universities and with various denominations and religious traditions to provide certificate and graduate programs in Theology and Counselling.

Our commitment to excellence is extended to include secondary education through The Collegiate, and to life-long learning through the Division of Continuing Education.

As essential components of the University tradition, the values placed on equality and diversity, academic freedom, self governance and community service, provide the environment whereby a community of scholars students, and faculty may have the freedom to examine ideas responsibly, and to participate in the academic operations of the institution

through processes which reflect a balance between democracy, efficiency, innovation, and accountability. Our mission and role in society requires that we foster an exemplary employment environment and adopt policies and measures which foster an atmosphere free from racism, sexism, and all other forms of stereotyping, harassment, and discrimination. The University of Winnipeg values the contributions of all staff members to our academic enterprise, and will endeavour to provide a healthy work environment, improved career opportunities, and job satisfaction.

The University of Winnipeg strives to pay particular attention to ways in which institutional resources – human,

cultural, athletic, and recreational – can improve the quality of life in the broader community. This includes cooperation with business, industry, government, and community groups, and actions which ensure that the public is well-informed about the University and has ample opportunities to communicate with it.

The University of Winnipeg recognizes that our most valuable community resource is our alumni. We are committed to maintaining our ties with our graduates through open communication, through increased involvement of our alumni in the activities of the University and the Alumni Association, and by providing opportunities for further education.

# II

## ADMISSION AND READMISSION

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The University welcomes applications from Canadian and International students. All new students must apply for and be granted admission to the University. Notification of acceptance is required before students may register in courses. Students are admitted to the University on the basis of high school standing or previous studies at another university or college.

### 1. Admission Process

All students who wish to study at the University for the first time must submit a completed Application for Admission form to the Admissions Office where it will be reviewed by an Admissions Officer. After the evaluation, applicants receive formal notification of the decision.

International applicants should contact International Student Services to obtain an International Student Application form and information package.

Please call (204) 786-9469 or e-mail [international.office@uwinnipeg.ca](mailto:international.office@uwinnipeg.ca)

**Note:** Students who attended United College prior to July 1, 1967 must apply for admission before they can register for a course.

Applicants for off-campus (UCN and Campus Manitoba) programs must follow the same application procedures and meet the same requirements as regular on-campus students.

#### a. Student Number

A Student Number is assigned to each student upon application.

– The Student Number is used on student files in the Admissions Office and the Records Office, and on official documents, including the official Letter of Acceptance and all statements of examination results issued by the University.

– The Student Number should be quoted in all contacts with University offices.

#### b. Application Fees

Each time an applicant applies to the University for admission or readmission, an application fee is required. This fee, non-refundable

and not applicable to tuition fees, must accompany the application for admission form or be paid soon after making an application.

Canadian Citizens and Permanent Residents	\$60.00
International applicants	\$90.00
Application for Continuance	\$25.00
Visiting Students	\$25.00

#### c. Documentation Required

**Note:** All documents submitted in support of an application must be originals. Student copies or uncertified photocopies are not acceptable. Replaceable documents submitted with an application become the property of the University and will not be returned.

The following supporting official documents must be submitted before any application will be considered:

- Official copy of the appropriate secondary school diploma showing all courses taken, grades achieved and proof of graduation.

- Current high school applicants who apply after June 10 are responsible for ensuring that an official transcript showing final grades and proof of graduation is submitted to the Admissions Office by early July.

- Official transcripts from all post-secondary institutions attended, whether or not the work was completed.

**Note: Official translations, certified by an educational or embassy official, or made by a certified translator, are required for records that are not in English.**

- Permanent Residents and Visitors are required to provide proof of immigration status as well as the "Landed On" date. Proof of citizenship is also required from all citizens who were born outside of Canada.
- Married persons whose academic credentials may be in their birth name or previous married name must submit a marriage certificate for each change.

**Note: Changes of name for reasons other than marriage must also be substantiated by appropriate certification.**

- International applicants whose primary language is not English must take a standardized English test (see *English Proficiency Requirement*) and have the test results submitted directly from the testing agency. Applicants must also submit a Statement of Missing Time detailing any time spent outside of educational studies.
- All relevant information (including all reference to previous post-secondary education), supporting documentation, and the non-refundable application fee must be submitted with the application.
- Applicants should submit application forms and any available documents as early as possible.
- Applicants will be notified as soon as possible if they have not met the admission requirements.
- Applications received after the published deadline may be evaluated selectively at the discretion of the Acting Associate Registrar.

**Misrepresentation, falsification of documents, or the withholding of requested information with respect to the application, can result in the cancellation of acceptance and registration or dismissal from the University.**

#### d. Application Deadline Dates

The application and all required documentation must be received by the Admissions Office by the following dates:

##### Canadian Citizens and Permanent Residents

Spring Term (May-August)	March 31, 2009
Fall Term (September-December)	August 1, 2009
Winter Term (January-April)	December 1, 2009

#### Early Admission Consideration Deadline (Fall & Winter Terms)

Current Grade 12 students whose applications are received by **March 1, 2009** will be considered for Early Admission on the basis of their interim and final Grade 12 grades. The University of Winnipeg will request these marks directly from the high schools for all Canadian applicants.

#### International Students

The application and all required documentation must be submitted to the International Student Services Office by the following dates for the upcoming 2009-2010 academic terms:

Spring Term (May - August)	January 31, 2009
Fall Term (September - December)	March 1, 2009
Winter Term (January - April)	September 1, 2009

Further information can be obtained by contacting [international.office@uwinnipeg.ca](mailto:international.office@uwinnipeg.ca)

#### e. Acceptance

Acceptance in time to register cannot be guaranteed to eligible applicants if the Application for Admission form and/or the required documents are received after the specified deadline date.

Notification of acceptance is mailed out as soon as possible after evaluation of the Application for Admission.

For transfer students, the notification indicates credit granted on the basis of work completed at another institution and evaluation of the official transcripts.

Applicants who have not received notification of acceptance by the Registration period should report to the Admissions Office where a provisional acceptance will be provided if the applicant can show just cause.

Students who do not register within one year of their acceptance will be required to re-apply.

Students who are admitted to the University and register, then subsequently withdraw from the University before classes officially begin, must apply again.

#### f. Retention of Documents

The documents supplied to support an application for admission will be retained for one year from the date of acceptance. After this time period, the application form, transcripts and other materials related to the application will be destroyed. Irreplaceable documents will be returned to the applicant if requested at the time of application.

#### g. Readmission

Students who have previously attended The University of Winnipeg and who fall into one of the following categories must apply for readmission by completing an APPLICATION FOR CONTINUANCE form. This applies to the following students:

- Students who have not been registered in courses at the University for one or more years, or
- Students who previously completed a degree program at the University and who wish to return to take further courses towards a second degree or for general interest.

**Note:** Those students who attended another university or college since their last registration at The University of Winnipeg must attach an official transcript to the continuance form for evaluation by the Admissions Office. Registration will not be permitted until the evaluation is done.

## 2. Admission into a Program of Study

Students who are admitted to the Faculties of Arts, Science, Education, or Business and Economics at The University of Winnipeg must indicate whether they intend to complete a 3- or 4-year Bachelor of Arts or Science degree, a Bachelor of Arts or Science Honours degree, a Bachelor of Education degree, or a 3- or 4-year Bachelor of Business Administration degree.

**Students are permitted to change their degree program during the course of their studies.**

#### a. Enrolment Limits

Completion of the minimum requirements does not in itself guarantee admission to any course or program at the University. In those instances where the number of qualified applicants exceeds the number that, in the opinion of the University, can be accommodated, the University reserves the right to select from among the qualified applicants.

Applicants seeking admission to some limited enrolment programs (e.g. Applied Biology/Chemistry/Environmental Studies or Joint Communications) are subject to a selection process. Students who are not accepted into these programs may apply to transfer the following year if they qualify academically and are still eligible to do so.

#### b. Admission to the Faculty of Education

Space in the Faculty of Education is limited and not all eligible applicants may be admitted.

- Students currently registered in a BA or BSc program may apply for admission to the Integrated BEd program with advanced standing.
- Successful applicants will need to submit and be cleared on a formal Criminal Record Search Certificate including a Vulnerable Sector Screening, and submit and be cleared on a formal Child Abuse Registry check before admission can be finalized. Applicants who have a criminal record should also be prepared to present an official fingerprint search/disposition.

Please see the Education section of the Calendar for more information.

- Students are admitted to the Integrated BEd or After-Degree programs for studies commencing in the Fall Term.
- Applicants to the Integrated BEd Program must meet Regular or Mature Status.

#### **Expanded Admission Policy**

The Faculty of Education has established a policy of expanded admission to aid in the recruitment of a group of education students who generally reflect the diversity of the population in Manitoba. Categories of expanded admission include: Aboriginal Peoples of Canada, Visible Persons, and Special Consideration. Please see the Education section of the course calendar for further information.

#### **Certified Teachers**

Certified teachers are advised to have their documents reviewed by Manitoba Education and Youth prior to submitting their application for admission.

### **3. Student Admission Categories**

A student admitted to the University will receive one of the following status designations:

**Regular Student** – meets Regular Status entrance requirements

### **4. Regular Status Admission Requirements**

#### **a. Manitoba High School Applicants**

##### **Entrance Requirements for Admission to the Faculties of Arts, Science, Business and Economics**

Candidates must:

- Be a high school graduate with at least 29 Manitoba high school credits, or hold a Mature Status Diploma and have completed courses required for Regular Status Entry
- Have completed five credits at the Grade 12 level designated A, S or G level (of which three must be 40S)
- Present a minimum one credit of core English 40 (A or S level) and one credit of Mathematics 40S (Pre-Calculus, Applied, or Consumer)
- Have an average of at least 65% on the best three 40S courses including both core English 40 (A or S level) and Mathematics 40S, plus one other 40S credit from a different subject area

**NOTE:** Students wishing to complete a BBA or Bachelor of Science are advised to check departmental high school prerequisites.

##### **Entrance Requirements for Admission to the Faculty of Education**

Candidates must:

- Be a high school graduate with at least 29 Manitoba high school credits, or hold a Mature Status Diploma and have completed courses required for Regular Status Entry
- Have completed five credits at the Grade 12 level, designated A, S or G
- Must present standing in EITHER two credits of English 40 (A or S level) plus one credit of Mathematics 40S (Pre-Calculus, Applied, or Consumer) OR one credit of English 40 (A or S level) plus Pre-Calculus Mathematics 40S

**NOTE:** The average calculation must cover three different subject areas and include at least one of English 40 (A or S level, two credits), Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**Conditional Student** – has completed the high school courses for entrance requirements with an average between 50 and 64.99%.

**Concurrent Student** – is registered in a specified number of first-year University of Winnipeg courses while completing entrance requirements at the University's Collegiate division.

**Accelerated Student** – has special admission to a partial first-year Arts and Science program while attending a Manitoba high school and simultaneously completing subjects necessary to meet regular entrance requirements.

**Mature Student** – meets Mature Status entrance requirements, and will turn 21 years of age during the calendar year in which he/she first registers.

**Probationary Student** – has completed some university courses and does not meet the minimum performance standard.

**Visiting Student** – has a letter of permission from another university to take courses at The University of Winnipeg.

**Graduated (Second-Degree Student)** – has obtained a first degree from The University of Winnipeg or another university.

**Students not Seeking University of Winnipeg Degrees** – may, if space is available, be permitted to register for one or more courses. Students in this category are subject to the same regulations and statutes regarding admission, attendance, progress and discipline as are regular students.



## Approved Grade 12 Courses for Entrance to the Faculty of Education and Scholarship Eligibility

Accounting Systems 40S	Family Studies 40S	Mathematics:
Anglais 40S	Filipino 40S	Applied Mathematics 40S or Pre-
Art 40S	Français 40S	Calculus Mathematics 40S
Biology 40S	French 40S	Music 40S
Chemistry 40S	Geography 40S	(One of: Band, Choral, Guitar,
Chinese (Cantonese) 41G	German 40S	Strings, Private Music Option)
Chinese (Mandarin) 40S	Hebrew 40S	Physics 40S
Computer Science 40S	History Western Civilization 40S	Polish 40S
Cree/Ojibway/ Sauteaux 41G	Italian 40S	Portuguese 40S
Dramatic Arts 40S	Japanese 40S	Spanish 40S
Economics 40S	Latin 40S	Ukrainian 40S
English 40 (A or S Level, two credits)	Law 40S	World Issues 40S

### Notes:

- *In place of English 40 (A or S level, two credits), Français and French Immersion students may present Anglais 40S or English 40 (A or S level, one credit) PLUS Français 40S or French 40S.*
- **Consumer Mathematics 40S is not an approved course and cannot be used to calculate Education admission or Entrance Scholarship averages.**
- *Advanced Placement and International Baccalaureate courses will be used to calculate the Education admission and Entrance Scholarship averages.*

### b. Out-of-Province Canadian High School Applicants

Applications from outside Manitoba will be considered on an individual basis. Applicants who apply after the June 10 Admission deadline are responsible for ensuring that an official transcript showing final grades and proof of graduation is submitted to the Admissions Office by early July.

Candidates must present standing in Grade 12 English. Normally students must meet at least the university admission requirements of the province of origin as follows:

#### Alberta

Grade 12 with a minimum average of 60% in English 30 and 4 (four) other 30-level subjects.

#### British Columbia

Grade 12 with a minimum C average including English 12 and 3 (three) approved courses. If optional provincial exams are written, the blended final average will be considered.

#### New Brunswick

New Brunswick Secondary School Diploma with five Grade 12 courses (including English) at the 120, 121, or 122 level.

#### Newfoundland

Graduation requirements as set down by the Department of Education, and a 70% average in five 3000-level courses (10 credits) including English 3201.

#### Northwest Territories

Grade 12 with a minimum 60% average on English 30 and 4 (four) other 30-level subjects.

#### Nova Scotia

Five Academic Grade 12 subjects, including English and Mathematics, with an overall minimum average of 70%.

#### Nunavut

Grade 12 with a minimum 60% average in English 30 and 4 (four) other 30-level subjects.

#### Ontario

Applicants require six Grade 12 (4U or 4M) courses (including English 4U) with a minimum average of 60%.

#### Prince Edward Island

Grade 12 (University Preparatory Program) with a minimum 65% average in English, Math and 3 (three) academic electives.

#### Quebec

First year CEGEP (12 credits) with satisfactory standing (normally a GPA of 2.0 or better or 60% or better) OR a Quebec Senior High School Leaving Certificate with standing in 6 (six) subjects.

#### Saskatchewan

Grade 12 standing and a minimum 65% average in five subjects, including English A30 and B30.

#### Yukon

Grade 12 with a minimum C average including English 12 and 3 (three) approved courses.

### c. Early Admission

Manitoba high school applicants who apply for admission by **March 1, 2009** will be considered for early admission based on interim grades.

#### Faculties of Arts, Science, Business and Economics

Manitoba applicants must do the following:

- Meet the requirements for Regular Status Admission as outlined for the above faculties in Section 4a;
- Have an average of at least 70% on the best three 40S courses including both core English (A or S level) and Mathematics 40S, plus one other 40S credit from a different subject area.

#### Faculty of Education

Applicants to the BEd program, currently completing High School, will be considered for early admission subject to receipt of final grades.

**The number of applicants may be such that those with the minimum admission requirements will be unlikely to secure admission. The effective cutoff average may be considerably higher than the minimum and varies from year to year.**

Manitoba high school applicants must do the following:

- meet the requirements for Regular Status Admission as outlined in Section 4a;
- have an average of at least 70% on the best three 40S subjects including at least one of: English 40 (A or S, 2 credits), Applied Mathematics 40S or Pre-Calculus Mathematics 40S.

**Note:** An interim grade of 75% or more is required for Visa Students. No interim grade less than 65% in the five Grade 12 credits will be used to determine eligibility for admission. Students who meet the above conditions will be granted REGULAR-INTERIM admission by early May and will be permitted to register for 2009-2010 Fall and Winter Term courses in June.

#### **Out-of-Province High School Applicants**

- Must meet the requirements for Regular Status Admission as outlined in Section 4b.
- Consideration for early admission to the Faculties of Arts, Science, Education, or Business and Economics on the basis of interim grades, will be given to those students who have an average of 70% with no interim grade less than 65%.
- Offers of early admission will be withdrawn if graduation requirements are not met.
- Visa Students who will be graduating from a Canadian high school and who have a minimum TOEFL score of 550 (213 computer-based, 80 Internet-based with a minimum score of 19 in the Listening, Reading, and Writing components) or CanTEST results as outlined in Section 7 or a minimum IELTS score of 6.0 are eligible for consideration.

Students who meet the above conditions will be granted REGULAR-INTERIM admission by early May and will be permitted to register for 2009-2010 Fall and Winter Term courses in June.

#### **d. General Education Development Tests (GED)**

Regular Status admission will be granted if applicants have obtained Grade 12 equivalency through the GED tests and three 40S courses including: Core English 40 (A or S, 1 credit) and one credit of Mathematics 40S (Pre-Calculus, Applied, or Consumer).

#### **e. Mature Student High School Diploma**

Regular Status admission will be granted to students 19 years of age and over who complete the Mature Student Graduation Requirements, including five credits at the Grade 12 level which meet the criteria for Regular Status entry.

#### **f. Manitoba Community College Students**

Regular Status admission will be granted if applicants have completed one year of a two-year Diploma program (minimum C average required).

#### **g. International Baccalaureate Students**

Regular Status admission will be granted if applicants have obtained the International Baccalaureate diploma with: 3 (three) courses at the higher level; an additional 3 (three) courses at the standard level; and an overall minimum score of 24. Credit will be granted for higher level courses with minimum scores of 5 in specific subject areas; see Section 8.f.

### **5. Special Admission**

Students who are not eligible for Regular Status admission may apply for Special admission to the University subject to the following conditions.

#### **a. Mature Status**

Students are admitted with a probationary status.

**To be eligible**, a student:

- must be a Canadian citizen or permanent resident
- must turn at least 21 years of age during the calendar year in which the student is registering for university courses for the first time
- must meet at least one of the **Conditions** listed below.

Mature Status Students must meet all department prerequisites when registering for courses unless special permission is obtained from the Department Chair. Departmental prerequisites

are specified in the *Registration* section of this Calendar.

#### **Conditions For Acceptance as a Mature Status Student**

A student must satisfy one of the following conditions:

- Graduation from High School but without the specific subject requirements for Regular Status admission;
- Standing in at least three approved 40S courses, or their equivalent, obtained within the last three years but without High School graduation;
- Qualification for Junior Matriculation standing prior to 1964;
- Completion of the equivalent of one semester of work, minimum 2.0 GPA (C) at another post-secondary institution, e.g. technical college, Bible School, or Bible College;
- Completion of a certificate/diploma program of not less than approximately one semester's work (at least three full course credits) offered by a continuing education department;
- Minimum grade of C on every course attempted on Mature Status at another university;
- Completion of the GED (General Education Development) tests. (Students wishing to complete the General Education Development Tests are advised to contact The Independent Study Program by telephoning 1-800-465-9915, faxing (204) 325-1719, or by writing to The Independent Study Program, 555 Main Street, Winkler Manitoba R6W 1C4.)
- a written assessment of your prior learning that indicates preparedness for university studies. For more information contact the Prior Learning Assessment Coordinator at 786-9257.

#### **b. Accelerated Status**

This is admission to a partial first-year Arts, Science, or Business and Economics degree program while simultaneously completing the high school subjects necessary to meet Regular Status admission requirements.

**To be eligible** a student must have earned at least 22 credits in three calendar years or less and have completed at least one credit at the 40S or 41G level. Under some circumstances, students who have completed fewer than 22 credits may also be considered for admission at the discretion of the Director of Admissions and Student Records.

Accelerated students must complete an Accelerated Application Form available from the Admissions Office (786-9159).

#### **c. Concurrent Status**

This is admission to a partial first-year Arts, Science, or Business and Economics degree program while simultaneously completing, in The University of Winnipeg's Collegiate Division, the subjects necessary to meet Regular Status admission requirements

Concurrent Status is granted for the Fall, Winter and Spring Terms.

**To be eligible** a student will have achieved the minimum standing specified in one of the following categories.

- Regular High School Program - completion of the regular (Grades 9-12) high school program but with fewer than three high school credits needing completion in order to fulfil Regular Status admission requirements.
- Industrial Vocational and Business Education - completion of the Industrial Vocational or Business programs with fewer than three 40S courses.
- General Education Development Tests (GED) - Grade 12 equivalency standing on the basis of General Education Development Tests but without credit in three 40S courses.

#### **Program Conditions**

- Each application for admission will be considered individually.
- Regular Status admission requirements of the University must be met within the first year of study.
- No degree credit will be advanced for courses completed until Regular Status admission requirements have been met.

## 6. Minimum Admission Requirements for International Applicants

International applicants will be considered for admission to the University on an individual basis.

- Possession of the minimum academic requirement does not guarantee admission.
- The University reserves the right to set a level of academic proficiency to determine acceptance.

International students applying on the basis of academic credentials earned outside Manitoba must submit all required documentation to the International Student Services Office by the following dates:

- May 31, 2009 for Fall Term admission
- September 30, 2009 for Winter Term admission
- January 31, 2010 for Spring Term admission

### a. International Applicants with Foreign Documents

The following credentials are used as a guideline to determine admissibility:

**Algeria, Morocco, Tunisia:** Baccalauréat (2e Partie).

**Australia:** Year 12 Certificate of Achievement; Victorian Certificate of Education (VCE); Higher School Certificate; Senior Certificate.

**Austria:** Reifezeugnis; Maturazeugnis.

**Bangladesh:** Higher Secondary Certificate; Intermediate Certificate.

**Belgium:** Certificat de l'Enseignement Secondaire Supérieur and Diplôme d'Aptitude à Accéder à l'Enseignement Supérieur.

**Bosnia and Herzegovina, Croatia, Macedonia, Serbia, Slovenia:** Secondary School Leaving Diploma.

**Brazil:** Certificado de Conclusão de 2º Grau (Secondary School Diploma).

**Caribbean:** Advanced and Ordinary level General Certificate of Education Examining Board Certificates. See G.C.E. Systems\*. Grades of I and II on general proficiency examinations administered by the Caribbean Examinations Council (CXC) are accepted as equivalent to G.C.E. Ordinary level passes).

**Chile:** Licencia de Educacion Media and Prueba di Aptitud Academica results.

**China, People's Republic of:** Senior Middle School Diploma.

**Commonwealth of Independent States (formerly U.S.S.R.):** Maturity Certificate.

**Czech Republic:** Vysvedceni o Maturitni Zkousce.

**Denmark:** Studentereksamen.

**Eritrea:** Eritrean Secondary Education Certificate Examination (ESECE)

**Estonia, Latvia, Lithuania:** Maturity Certificate.

**Ethiopia:** Ethiopian School Leaving Certificate.

**Finland:** Ylioppilastutkintotodistus/Student Examensbetyg.

**France:** Baccalauréat (or Diplôme de Bachelier) de l'Enseignement du second degré (Secondary School Certificate) or Baccalauréat Général.

**Germany:** Abitur; Reifezeugnis; Zeugnis der Reife; Zeugnis der Allgemeinen Hochschulreife.

**Greece:** Apolytirion.

**Hong Kong:** Hong Kong Certificate of Education and Advanced Level Certificate; Advanced and Ordinary Level General Certificate of Education Examining Board Certificates. Grades of A, B, C and D on the Hong Kong Certificate of Education and Hong Kong Higher Level Certificate examinations are acceptable in place of G.C.E. Ordinary level passes. See G.C.E. Systems\*.

**Hungary:** Erettségi Bizonyítvány (Maturity Certificate).

**Iceland:** Studentsprof (Upper Secondary School Certificate).

**India:** Higher Secondary School Certificate (obtained after 12 years of

primary and secondary education) or the All-India Senior School Certificate, in at least the second division or equivalent.

**Indonesia:** Sekolah Menengah Atas (SMA) or Sekolah Menengah Umum (SMU).

**Iran:** Diplom (Year 12). Sixth grade of Secondary or Fourth Grade of Intermediate Secondary Education (including June Written Examination grades) with a minimum overall average of 15.

**Ireland, Republic of:** Matriculation Examination; Leaving Certificate Examination.

**Israel:** Teudat Bagrut Examination (Matriculation Certificate).

**Italy:** Diploma di Maturita magistrale (Secondary School Certificate).

**Japan:** Upper Secondary School Diploma.

**Kenya:** Kenya Certificate of Secondary Education (KCSE); Prior to 1990: Kenya Certificate of Education and Advanced Certificate of Education. See G.C.E. Systems\*.

**Korea:** Immunge Kodung (High School Leaving Certificate).

**Laos:** Baccalauréat (2e Partie).

**Latin America:** Applicants from Argentina, Bolivia, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama Canal, Paraguay, Uruguay and Venezuela must present the Bachillerato (obtained after 12 years of primary and secondary study).

**Lebanon:** Baccalauréat (2e Partie),

Baccalauréat (Academic Stream) or Baccalauréat Libanais.

**Libya:** General Secondary School Certificate.

**Malaysia:** Malaysia Certificate of Education (MCE)/Sijil Pelajaran Malaysia (SPM) and Higher School Certificate (HSC)/Sijil Tinggi Persekolahan Malaysia (STPM); Advanced and Ordinary level General Certificate of Education Examining Board Certificates. See G.C.E. Systems\*; MICSS Unified Examination Certificate (UEC).

**Mexico:** Bachillerato and Certificado de Estudios (obtained after 12 years of primary and secondary education).

**Middle East:** Applicants from Egypt, Gaza Strip, Jordan, Saudi Arabia and West Bank must present the General Secondary Education Certificate. Applicants from the United Arab Emirates and Kuwait must present the Shahadat al-thanawia (Secondary School Leaving Certificate). The Baccalauréat is required of applicants from Iraq and Syria.

**Nepal:** Proficiency Certificate (previously known as the Intermediate Examination).

**Netherlands:** Voorbereidend Wetenschappelijk Onderwijs (VWO) Diploma.

**New Zealand:** Prior to 1986: University Entrance Examination and Sixth Form Certificate/Higher School Certificate. Since 1986: New Zealand University Entrance Bursaries and Scholarship Examinations and Higher School Certificate.

**Norway:** Prior to 1981: Examen Artium. Since 1981: Vitnemal fra den

Videregående Skole.

**Pakistan:** Higher Secondary Certificate Examination (Part II) or intermediate Certificate Examination in at least the second division.

**Peru:** Certificado de Educacion Secundaria Comun Completa.

**Philippines:** Second-year standing in a recognized institution of higher learning.

**Poland:** Swiadcetwo Dojrzalosci (Maturity Certificate).

**Romania:** Diploma de Bacalaureat.

**Singapore:** Advanced and Ordinary level Singapore-Cambridge General Certificates of Education. See G.C.E. Systems\*.

**South Africa:** Matriculation Certificate of the Joint Matriculation Board or Senior (Standard 10) Certificate Examinations which grant exemption from Matriculation Certificate Examinations.

**Spain:** Secondary School Diploma or Curso de Orientacion Universitari (COU).

**Sri Lanka:** Sri Lankan General Certificate of Education (Advanced Level). Grades of distinction and credit at the Ordinary level are required. See G.C.E. Systems\*.

**Sweden:** Avgangsbetyg; Studentexamen.

**Switzerland:** Maturitätszeugnis; Certificat de Maturité; Baccalauréat; Attestato di Maturite.

**Taiwan:** High School Leaving Certificate and High School Graduation Diploma.

**Tanzania:** ACSE and CSE or National

Form VI and Form IV Examinations.

**Thailand:** Mathayom 6.

**Turkey:** Lise Diplomasi.

**Uganda:** Uganda Advanced Certificate of Education and Uganda Certificate of Education.

**Ukraine:** Atestat (Matriculation School Certificate).

**United Kingdom (England, Scotland, Wales, Northern Ireland):** Advanced and Ordinary level General Certificate of Education Examining Board Certificates. See G.C.E. Systems\*.

**U.S.A.:** Complete Grade 12 with a minimum high school average of "C" or better on a minimum of 5 (five) academic subjects.

**Vietnam:** Baccalauréat (2è Partie)/Bang tu Tai Hai; General Education Baccalaureat Diploma/Tu Tai Po Thong; High School Graduation Certificate/Bang Tot Nghiep Pho Thong.

**West African Commonwealth Countries (Gambia, Ghana, Liberia, Nigeria, Sierra Leone):** Senior Secondary School Certificate with credit in at least five subjects including English. Prior to 1991: West African School Certificate and General Certificate Advanced Level. See G.C.E. Systems\*.

**Yugoslavia:** Secondary School Leaving Diploma.

**Zimbabwe:** Advanced and Ordinary level General Certificate of Education Examining Board Certificates. See G.C.E. Systems\*.

\*Note: General Certificates of Education (G.C.E.) Systems

The General Certificate of Education and Higher School Certificate are accepted as senior matriculation with standing in at least two subjects at the Advanced/Principal level and three at Ordinary level, with a C overall average. No subject below a D grade will be accepted. A grade of E at the ordinary level and 7, 8, and 9 on School Certificates are also not acceptable.

Graduates from International Schools overseas will be considered for admission only if they meet one of the following criteria:

- They are eligible for admission to a major university of their country of citizenship.
- They have successfully completed an internationally examined curriculum such as the G.C.E. or IB diploma.
- They have successfully completed the formal graduation requirements of a Canadian provincial department/ministry of education in an approved institution.

**b. International Applicants with Out-of-Province Canadian High School Documents**

International students applying for admission on the basis of Canadian High School documents from outside Manitoba must meet the admission requirements in Section 4b.

**c. International Applicants with Manitoba High School Documents**

International students applying for admission on the basis of Manitoba High School documents must meet Regular Status

admission requirements as per Section 4a.

- Maximum one of the five credits may be a 41G language credit.

**d. International Transfer Students**

International students transferring to the University must have successfully completed a minimum of 30 credit hours of university level work or, if transferring from the University of Manitoba or Brandon University, 15 credit hours.

- Minimum 2.0 GPA (C) is required.

– International Students transferring from the University of Manitoba or Brandon University will be considered Manitoba students.

## 7. English Proficiency Requirement

The language of instruction at The University of Winnipeg is English, and the importance the University places on proficiency in English is exemplified by its writing requirement. This means that applicants to the University must provide evidence of a level of English proficiency that is sufficient to participate in all aspects of university study, including lectures, reading, writing and discussion.

All international applicants whose mother tongue is other than English must demonstrate that they are proficient in the use of the English language. No student will be admitted to degree studies until this requirement has been satisfied. Academically admissible students who do not meet the English proficiency requirements may be admitted to the University on the condition that they successfully complete Academic Level 5 of the English Language Program, or complete English 12 in our high school Collegiate. In order to demonstrate proficiency in the English language, international applicants must meet one of the following requirements:

- TOEFL\*: 550 (213 computer based or 80 Internet-based with a minimum score of 19 in the Listening, Reading, and Writing Components.)  
**Note:** A waiver for TOEFL\* may be granted for students if evidence can be provided of four or more years of education in a recognized secondary and/or post-secondary institution in which the language of instruction is English. Requests for waiver must be submitted to the International Student Services Office at the time of application and will be considered on an individual, case by case basis.
- Graduation from a Canadian high school with a minimum grade of 70% in Senior 4 (Grade 12) English.
- CanTEST\*\*: Average score of 4.5 in Listening and Reading; a score of 4.0 in Writing. Applicants with a 3.5 in Writing may be admitted, depending on their proposed program of study, provided they register in Academic Writing Extended (ESL).
- A minimum IELTS\*\*\* score of 6.5 based on Module A,B or C (the General Training Module is not acceptable).
- A passing grade in the highest level (Level 5) of the 14-week Academic English Program offered through the Division of Continuing Education, The University of Winnipeg. \*\*\*\*
- A minimum overall result of 60 on the Canadian Academic English Language Assessment (CAEL).
- A score of C on the Cambridge Certificate of Proficiency in English (CPE) exam.
- A minimum score of 80% on the Michigan English Language Assessment Battery (MELAB).  
**Note:** Tests taken more than two years prior to application will not be considered.
- Successful completion of AEPUCE (Academic English Program for University and College Entrance) offered through the University of Manitoba and Red River College.

\* Students are advised to obtain the TOEFL (Test of English as a Foreign Language) Bulletin of Information and Registration Forms from American Embassies and Consulates, or from Offices of the United States Information Services. Students unable to obtain the forms should write to: TOEFL; Box 889; Princeton, NJ 08540; USA.

\*\* Three sittings of the CanTEST (Canadian Test of English for

Scholars and Trainees) are scheduled during the year. They are written at The University of Winnipeg or the University of Manitoba. Contact the CanTEST coordinator at (204) 982-1171.

\*\*\* IELTS (International English Language Testing System) is managed jointly by the British Council, UCLES (University of Cambridge Local Examinations Syndicate) and IDP (International Development Program of Australian Universities and Colleges). For further information about the test, contact IELTS Scheme Officer, University of Cambridge Local Examinations Syndicate, 1 Hill Road, Cambridge, CBI 2EU, UK.

\*\*\*\* The Academic English Program is offered in September, January and May. Students who successfully complete this program meet the English language requirements for admission and, therefore, do not require a TOEFL score (or equivalent).

## International Transfer Students

The English Language Proficiency Requirement must be fulfilled by international transfer students, except by students who have completed two or more years of study at a recognized institution whose language of instruction is English.

## 8. Transfer of Credit

### a. General Information

Students who have been pursuing post-secondary studies at another institution may apply for admission to the University, seeking to complete the work for a first Bachelor's degree; such applicants must be students in good standing at the former institution. Students seeking a second Bachelor's degree should refer to *Degree and Major Requirements*. Students transferring from non-accredited universities or colleges will be admitted on the basis of their high school credentials as the University does not normally grant credit for work completed at these institutions.

- Applicants seeking admission with transfer credit are advised that the courses transferred, together with those they subsequently take at The University of Winnipeg, must meet the general and specific requirements of the faculty and department in which they choose to major.
- Applicants should not assume that they will complete the degree with a number of credit hours equal to the difference between total hours required for the degree and transferred hours.
- Students must fulfil all the program and residence requirements specified for the degree and major being sought; see *Degree and Major Requirements* for details.
- Students must attain a minimum 2.0 GPA (C average) on the courses taken at The University of Winnipeg which are to be used towards qualification for graduation.

### Transfer Credit Designations

Transfer credit is designated as:

--- **assigned credit**, used when there is a University of Winnipeg equivalent.

--- **elective credit** in a subject area, used to describe credit for completed work, which, although similar in content, is not equivalent to an existing University of Winnipeg course. Such courses may be acceptable to a department as fulfilling subject requirements for a general or honours degree in that department, or, for fulfilling specific degree (e.g. Humanities, Social Science, Science) requirements.

--- **general elective credit**, used for courses which are judged to be transferable but do not fulfil specific degree or departmental requirements. General elective credit is counted toward the total number of hours required for the degree.

Individual departments may require students to repeat prerequisite courses if the grade is a D. The repeated courses will show on the student's permanent record, but double credit will not be granted.

## **b. Transfer from Fully-Accredited Institutions of Higher Learning**

Applicants who have attended another university or post-secondary institution are required to submit official transcripts of all work previously completed. Transcripts must be submitted along with the Application for Admission or as soon as final results are available.

- Students applying to transfer from a university or college outside Canada are requested to send a copy of the Calendar or Course Syllabus of the institution showing details of all courses taken. This assistance will speed the processing of the application. In some cases, detailed course outlines will be required before transfer credit can be evaluated. It is the student's responsibility to provide certified English translations of all official transcripts and course descriptions which are in languages other than English.
  - For students returning after an absence, transcripts for work completed at another university or post-secondary institution during the absence will be evaluated for transfer credit in the course of consideration for readmission.
  - Transfer credit will be granted in compliance with The University of Winnipeg's residence requirements and only for courses which apply to the student's proposed degree program.
  - Students are eligible to receive up to a maximum of 60 credit hours of transfer towards a University of Winnipeg degree program. All failed courses that are eligible for credit will also be transferred (in addition to the 60 credit hours successfully completed).
  - Students will be assigned a letter grade of A+, A, A-, B+, B, C+, C, D, F for each course transferred from another Canadian or North American university.
  - The University of Winnipeg does not have a standardized numerical grade conversion scale for each letter grade it awards.
  - A grade of S (Standing) is normally assigned for course work completed at international universities and colleges. (Note: The total credit hours earned in "Standing" courses are counted towards the degree but are not included in the GPA calculation.)
  - Courses completed in a previous undergraduate degree may be utilized to satisfy particular course requirements of a program at The University of Winnipeg but will not be transferred directly to the student's University of Winnipeg record. Courses taken as extra to the first degree may also be approved for credit.
  - University of Winnipeg equivalency is assessed by the department offering courses in the same academic discipline.
- Note:** Some departments may have limitations on course work taken beyond a specific time period.

## **c. Transfer from Non-Accredited Universities or Colleges**

Students transferring from non-accredited universities or colleges (these include technical institutes and colleges of applied arts and technology) may be eligible to receive credit on transfer if they can demonstrate that courses of university standard and depth have been completed, and that the proficiency reached is of the level required by the University. Transfer credit is subject to the following conditions:

- Maximum 12 credit hours may be granted for each full year's work completed
- Maximum 30 credit hours in total may be granted
- Students must have satisfactorily completed a minimum of one year of study with a GPA of 2.5 (C+)
- Transfer credit will be granted according to the

## **f. International Baccalaureate Program**

Credit or advanced standing is granted in specific subject areas for Higher Level courses provided a minimum score of 5 has been attained. An official copy of the International Baccalaureate results must be forwarded to the Admissions Office. Accepting credit is voluntary and students may elect to decline the credit or advanced standing. For complete details contact the Admissions Office.

appropriateness of the courses for the degree program being sought and only for courses in which the student has received a grade of C or higher.

**– Students will receive a grade of S (Standing) for each course transferred. The specific grade earned does not transfer.**

- An official transcript, college calendar and detailed course outlines must be submitted to the Admissions Office for assessment.
- Students transferring into a Joint Program from Red River College or University College of the North will be granted advanced standing depending on the level of work, the number of terms completed and the overall GPA.

## **d. Transfer from Canadian or U.S. Bible Colleges**

Applicants who have attended a bible college, which is a Member Institution or has Candidate status with the Association for Biblical Higher Education (ABHE), may be eligible for transfer credit as follows:

- Maximum 12 credit hours may be granted for each full year of work completed at a Member institution; 9 credit hours for work completed at a Candidate institution.
  - Maximum 30 credit hours may be granted for three or more years of study completed at a Member institution; total credit hours vary for two or more years of study completed at a Candidate institution.
  - Courses must be acceptable as transferable to a University of Winnipeg degree program.
  - No credit will be granted for courses of a church/professional or clearly doctrinaire nature.
  - Only courses with a minimum of C will be transferred.
  - **Students will receive a grade of S (Standing) for each course transferred. The specific grade earned does not transfer.**
  - Students must have satisfactorily completed a minimum of one year (30 credit hours) of study in a degree program with a cumulative grade point average of C+ or higher.
  - An official transcript, college calendar and course descriptions must be submitted to the Admissions Office for assessment.
- Note:** If the bible college did not hold accreditation at the time that the course work was being done, no transfer credit evaluation will be considered.

## **e. Transfer from B.C. Colleges and other Western Canadian Colleges**

Applicants who have attended a B.C. or other Western Canadian college may be eligible for transfer credit subject to the following conditions:

- Students who have not graduated from high school must have completed a minimum of 24 credit hours of university level work, with an overall 2.0 or C average, before Regular Status admission will be granted. Only courses with a grade of C or better will be transferred.
- Students who have met high school admission requirements are not required to complete 24 credit hours of university level work in order to be eligible for transfer credit.
- Department evaluations will overrule transfer guide recommendations.

IB Examination	University of Winnipeg recognition
Biology	transfer credit for BIOL-1115/3 and BIOL-1116/3
Chemistry	transfer credit for CHEM-1000/6 Unallocated First Year Chemistry - may not hold with CHEM-1111/3 and CHEM-1112/3.
Economics	advanced standing for first year Economics - A student who then completes ECON-2101/3 (Intermediate Micro Economics) and ECON-2102/3 (Intermediate Macro Economics) with a minimum grade of C+ will retroactively receive transfer credit for ECON-1102/3 (Intro Micro Economics) and ECON-1103/3 (Intro Macro Economics).
English	transfer credit for ENGL-1001/6
French	advanced standing for first year French literature
French (Standard)	student may not take FREN-1111/6 for credit
Geography	transfer credit for GEOG-1102/3 and GEOG-1103/3
History	transfer credit for HIST-2XXX/6 (the actual course credit varies)
Mathematics	transfer credit for MATH-1101/6
Philosophy	transfer credit for PHIL-1001/6
Physics	transfer credit for PHYS-1000/6 (First year Physics)
Theory of Knowledge	advanced standing for first year Philosophy

**g. Advanced Placement Program (College Board)**

Credit or advanced standing is granted in specific subject areas on the basis of Advanced Placement (College Board) examinations provided a minimum score of 3 has been attained (in some cases a score of 4 is required). An official mark statement from the College Board must be forwarded to the Admissions Office. Students may elect to decline the credit or advanced standing. For complete details contact the Admissions Office.

AP Examination	University of Winnipeg recognition
Biology	transfer credit for BIOL-1115/3 and BIOL-1116/3 (minimum grade of 4.0)
Chemistry	transfer credit for CHEM-1111/3 and CHEM-1112/3 (minimum grade of 4.0)
Computer Science A or AB	transfer credit for ACS-1903/3 (minimum grade 4.0)
Economics	course challenge (credit by examination)
English Lang/Comp	no transfer credit but exempted from University Writing requirement with minimum grade of 4.0
English Lit/Comp	transfer credit for ENGL-1001/6 (minimum grade of 4.0)
French Language	transfer credit for FREN-1111/6 (minimum grade of 3.0)
French Literature	transfer credit for FREN-1381/6 (minimum grade of 3.0)
Geography	transfer credit for GEOG-1102/3 and GEOG-1103/3 (minimum grade of 4.0)
German	transfer credit for GERM-2201/6 (minimum grade of 3.0)
History	transfer credit for HIST-1000/6 History unallocated (minimum grade of 3.0)
Art History	transfer credit for HIST-2800/6 (minimum grade of 4.0)
Calculus AB	transfer credit for MATH-1102/3 (minimum grade of 3.0)
Calculus BC	transfer credit for MATH-1101/6 (minimum grade of 3.0)
Physics B or C	advanced standing for first year Physics (minimum grade of 4.0)
Psychology	individual assessment for advanced standing
Politics	individual assessment for advanced standing

**h. Joint Programs with Red River College (RRC)**

A cooperative agreement exists between the University and RRC through which students may transfer from Diploma programs in Business Administration, Early Childhood Education (formerly Child Care Services) or Technology (Chemical and Bioscience) and obtain some course credit towards a University degree. For further information regarding joint program requirements, see entries for Administrative Studies, Developmental Studies and Biology.

from University College of the North, will be permitted to meet requirements for the 4-year BSc Degree with a major in Environmental Studies by completing a further 90 credit hours. These additional courses must be chosen to satisfy the curriculum and residence requirements of the University. Please consult the Director of the Environmental Studies Major. See Section 8 **Transfer of Credit** regarding transfer credit eligibility.

**i. Joint Program with University College of the North (UCN)**

Students who hold the Natural Resources Management Diploma

## 9. Forfeit of Previous Credit - Three-Year Statute of Limitations

Students who have not registered at any university or degree-granting college for at least three years may choose whether to retain or forfeit previous credits.

- A request to forfeit credit must be made in writing to the Acting Associate Registrar.
- The status on admission or re-entry will be determined by pre-university qualifications and **current** University of Winnipeg admission requirements.
- Forfeit of credit will not be granted after a student has graduated from The University of Winnipeg.
- Students who forfeit credits under the Three-Year Statute of Limitations must fulfil the University degree requirements which are in place when they resume their studies.
- Students are limited to one opportunity to forfeit credit during their academic career.

### a. Transfer Students

Applicants must submit an official university transcript at the time of application even if they do not wish to receive any transfer credit. The following comment will be entered on the student's University of Winnipeg academic record: "**Admitted as a transfer student from (name of institution). Elected to receive no transfer credit.**"

### b. University of Winnipeg Students

The courses completed and the grades previously earned are not removed from the academic record.

A special FC (Forfeit Credit) designator appears beside each course along with a notation that states the student has been permitted to re-start a University program.

The GPA and total number of credit hours passed/failed is reset to zero on the academic record.

## 10. Requirements for Admission to Professional Programs

The University of Winnipeg provides courses as part of its pre-professional offerings which may qualify students for admission to professional programs offered at the University of Manitoba and other institutions throughout Canada. Pre-professional Programs provided by The University of Winnipeg include:

Pre-Architecture  
Pre-Chiropractic  
Pre-Dental Hygiene  
Pre-Dentistry  
Pre-Engineering  
Pre-Journalism  
Pre-Law  
Pre-Medicine

Pre-Occupational Therapy  
Pre-Optometry  
Pre-Pharmacy  
Pre-Medical Rehabilitation: Physical Therapy  
Pre-Medical Rehabilitation: Respiratory Therapy  
Pre-Social Work  
Pre-Veterinary Medicine

Professional school admission requirements which can be completed at The University of Winnipeg can be viewed at [www.uwinnipeg.ca/index/programs-factsheets](http://www.uwinnipeg.ca/index/programs-factsheets). Specific enquiries should be directed to the institution concerned for complete requirements.

### Written English and Mathematics Requirements (University of Manitoba)

All applicants to the University of Manitoba are required to complete a minimum of 3 credit hours of Written English and 3 credit hours of Mathematics as part of their degree program. Applicants who have completed a Baccalaureate Degree are exempted from these requirements.

### Courses that can be taken at The University of Winnipeg to meet the above requirements:

- In order to satisfy the University of Manitoba Written English requirement, a University of Winnipeg course must include the following criteria: there must be a **minimum of 3000 words of writing**, over a **minimum of two papers**; and the evaluation of the papers must include **written feedback on the quality of the writing** as well as the content.

- All Mathematics and Statistics courses at the 1000 level or higher offered at The University of Winnipeg will meet the University of Manitoba's Mathematics Requirement.

**Note:** A listing of Approved Written English courses and Approved Mathematics courses can be found in the University of Manitoba General Calendar, *General Academic Regulations & Policy*.

Some of the pre-professional programs have incorporated the Written English Requirement and the Mathematics Requirement into the first 30 or 60 credit hours of study. Others identify specific courses within their programs which will meet these requirements.



# III REGISTRATION

Updated Oct. 5/09

## 1. General Information

### 2. Regulations Pertaining to Registration

- a. Period of Study for an Undergraduate degree
- b. Definition of Full-time/Part-time students
- c. Progress through Degree
- d. Student Categories
- e. Maximum Course Load per Term
- f. Prerequisites
- g. Mandatory Pre-Registration Advising
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- j. Letters of Permission / Registration for Courses at Other Post-secondary Institutions for Transfer Credit
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- a. Registration Process
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- c. Registration for Fall, Winter and Spring Term Courses
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### 4. Post Registration

- a. Course Changes
- b. Section Changes
- c. Withdrawals
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### 5. Distributed / Distance Learning

- a. Web Based TV (VOD) - University of Winnipeg Instructional Network (UWIN)
- b. University of Winnipeg Online
- c. Campus Manitoba: Online
- d. Campus Manitoba: Computer Mediated
- e. Inter-Universities North (IUN)

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## 1. General Information

- Registration is the process of formally assigning and recording the enrolment of a student in a course or courses.
- Registration is open only to those who have been already admitted or readmitted to the University, or who are eligible to re-register.
- A student may receive credit for only the courses in which he/she is officially registered according to the Student Records Office.
- The peak registration period is June to August for the Fall and Winter terms, March and April for the Spring term. Registration for the Winter term can be done from June to December.
- Students can use WebAdvisor, the University's online registration system, to search for courses, register, and make payments.

Information on important dates, deadlines and registration procedures can be found on the

## 2. Regulations Pertaining to Registration

### a. Period of Study for an Undergraduate Degree

While the University continues to offer students the conventional route of full-time study towards their degrees, students may choose to pursue the degree on a part-time basis or through some combination of full- and part-time studies. There is no limit to the time it takes to earn a degree.

### b. Definition of Full-time / Part-time Students

Students will be registered in one of the two following categories:

- Full-time - Registered for minimum 9 credit hours per term
- Part-time - Registered for fewer than 9 credit hours per term

### c. Progress through Degree

Students are considered to have completed the individual years of their degree programs at the following points:

- First year - 30 credit hours completed;
- Second year - 60 credit hours completed;

- Third year - 90 credit hours completed;
- Fourth year - 120 credit hours completed;
- Fifth year - 150 credit hours completed.

### d. Student Categories

#### • New Students

After the application for admission has been assessed, the applicant will be advised of his/her eligibility for admission. If admitted, the student will receive full instruction on the procedures to be followed to register for courses.

#### • Continuing Students

Students who have completed one or more terms and who are eligible to continue their studies in subsequent terms should consult the [Campus Guide](#) for information on registration procedures and guidelines.

#### • Former Students

All students returning after an absence of one year or more must make formal application for readmission by completing and submitting an APPLICATION FOR CONTINUANCE form to the Admissions Office for evaluation. Those students who have attended another university or college since their last registration at The University of Winnipeg MUST attach official transcripts to the continuance form. Registration will not be permitted until the evaluation is done.

Application for Continuance forms are available from the Admissions Office, Student Central and the website. A processing fee will be charged. For the current fee, please see *Fees*.

#### • Course Auditors

Auditing means taking a course without receiving academic credit towards a degree. Audited courses will be recorded on the student transcript as AU.

Students who have been admitted to the University may attend courses as an auditor provided they first request permission to audit the course from the instructor prior to their registration appointment date. If approved to audit the course, permission will be emailed to the Registration Office. You will be registered in the audited course and then notified.

Students wishing to change their registration from credit to audit, or audit to credit, may do so during the period for course and section changes. Any changes after this period must be appealed to the Senate Appeals Committee.

For information on fees to audit a course, please see *Fees*.

**e. Maximum Course Load per Term**

There is a limit to the number of credit hours a student may take per term.

**Regular Status**

The normal course load for Regular status is 15 credit hours per term.

- Students who have completed 30 credit hours or more, with a GPA of 2.5 (C+) or higher, may register for 18 credit hours per term without seeking written permission.
- All other Regular status students must seek the written permission of an Academic Advisor if they wish to register for more than the normal course load.
- 

- **Probationary/Conditional Status Students**

Probationary and Conditional status students may register for a maximum of 9 credit hours per term. Students wishing to register for more than 9 credit hours per term, must seek written permission of an Academic Advisor before registration.

- **Mature Status Students**

Mature status students are limited to 12 credit hours per term unless written permission for an overload is obtained from an Academic Advisor.

- **Concurrent Status Students**

Concurrent students are allowed a maximum of 15 credit hours per term in courses taken at the Collegiate and the University (a full credit course in the Collegiate is equivalent to 6 credit hours).

**f. Prerequisites**

A prerequisite is a course that must be successfully completed before a student can register for another course.

- **University Course Prerequisites**

Many second, third and fourth year courses have prerequisites which are noted in the course descriptions. It is the student's responsibility to ensure that all prerequisites are met or a departmental waiver is obtained before registration.

Students who believe they have background comparable to the material in a prerequisite course may ask the Department Chair for permission to take a course without having taken the prerequisite course(s). Students must first obtain approval for the prerequisite waiver from the course instructor. If approved, the instructor will email the permission to the Registration Office. You will be registered in the course and then notified. If the course is full, you will be placed on the course wait list. Please see the Wait List section for further information.

- **High School Prerequisites for First Year Courses**

The following departments and programs have Senior 4 (Grade 12) or equivalent prerequisites which must be met before students may take introductory courses in these departments.

In order to register for:	you must have standing in:
Applied Comp. Science ACS 1903	Pre-Calculus Mathematics 40S or Applied Mathematics 40S
ACS 1905	Minimum grade of 75 (or equivalent) in Computer Science 40S plus one of Pre-Calculus Math 40S or Applied Mathematics 40S
Biology BIOL 1115	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
BIOL 1116	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Business & Economics BUS 2002	Pre-Calculus Mathematics 40S or Applied Mathematics 40S

Chemistry	CHEM 1111	Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S
French	FREN 1111 FREN 1112	French 40S* Français 40S, or IB (Standard Level)
Mathematics	MATH 1101 MATH 1102 MATH 1201 MATH 1401	Pre-Calculus Mathematics 40S Pre-Calculus Mathematics 40S or Applied Mathematics 40S Pre-Calculus Mathematics 40S or Applied Mathematics 40S Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Physics	PHYS 1101 PHYS 1301	Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S Pre-Calculus Mathematics 40S or Applied Mathematics 40S
Statistics	STAT 1201 STAT 1501	Pre-Calculus Mathematics 40S or Applied Mathematics 40S Pre-Calculus Mathematics 40S or Applied Mathematics 40S

\* or French 1001/6 - see description in French Department course offerings

**g. Co-Requisites**

A specific course or lab which must be undertaken at the same time as prescribed by the course requirement if it has not already been completed.

**h. Mandatory Pre-Registration Advising**

Academic advising to assist students in course and program planning is required for the following students :

- **First-Year Arts and Science Students**

All first-year Arts and Science students admitted on Regular, Conditional, Concurrent or Mature status are required to complete a First Year tutorial. The online "You First" registration tutorial is mandatory and must be completed before registering for courses.

- **First Year, After-Degree and Transfer Education Students**

These education students are required to attend an advising session prior to registering for courses. The purpose of the session is to assist students with preliminary course and program planning.

- **Probationary Status Students**

Students placed on probation, including those who have been reinstated after a first academic suspension, are encouraged to meet with an Academic Advisor prior to registering for courses.

**i. Recommended Pre-Registration Advising**

Academic Advising is recommended for the following students. Staff and Faculty Academic Advisors are available by appointment.

- **Students with physical or learning disabilities** should contact the Coordinator of Disability Services, located in Student Services (lower level, Graham Hall), prior to registering for courses.

- **Transfer Students** are not required to attend an advising session but are encouraged to make individual appointments with an Academic Advisor or Admissions Officer to ensure that program requirements are being met.

Transfer students seeking to complete a second degree should meet with an Admissions Officer to discuss program requirements and possible course waivers.

- **Continuing Students**

Academic advising is available in Student Services for students who wish to explore options for major selection or who have general questions about their degree program.

In most departments and programs, advising is mandatory at the point that a student declares a major in the 3-Year degree, while all 4-Year and Honours students must be advised before registering for any session.

- j. **Major Declaration and Advising**

Students are asked to declare a Major before registering for their 36<sup>th</sup> credit hour of course work and are required to declare the Major before registering for their 60<sup>th</sup> credit hour of course work.

Students are normally required to consult with, and receive written permission from the Department Chair or Program Coordinator before declaring a Major.

For further information on declaring a Major, please see *Degree and Major Requirements*.

- k. **Letters of Permission / Registration for Courses at Other Post-secondary Institutions for Transfer of Credit**

University of Winnipeg students wishing to take courses at other recognized colleges or universities for transfer of credit to their Arts, Science or Education degree program must apply at the Admissions Office for a Letter of Permission.

- To be eligible for a Letter of Permission students must be on **Regular Status** and must have successfully completed a minimum of 18 credit hours of course work at The University of Winnipeg with a GPA of at least 2.0 (C). **N.B.** This requirement also applies to Transfer Students. (**Note: No Letters of Permission will be issued to students whose status is Mature, Conditional, Concurrent or Probation.**)

- Eligible students must be pursuing a degree or pre-professional program at The University of Winnipeg and are requesting permission to take courses acceptable for credit in their degree program.

- A maximum of 30 credit hours of course work may be taken on a Letter of Permission for degree credit.

- Each application must be accompanied by the appropriate non-refundable fee (see *Fees*). A separate application is required for each term and institution regardless of the number of courses being considered. Detailed course outlines must also be submitted if courses are to be taken at institutions outside Manitoba.

- Courses to be taken in the Major or Honours subject in an Arts or Science program require advance approval from the Chair of the Major or Honours department concerned.

- Students may not exceed the maximum course load permitted per term as stated in the Campus Guide. Written permission must be obtained from an Academic Advisor for a course overload.

- Letters of Permission must be obtained prior to a student's registering for courses. Applications should be submitted as early as possible. A minimum of 10 working days is required to process Letter of Permission applications for institutions within Manitoba and 15 working days for institutions outside Manitoba. (**Note:** Processing time includes departmental evaluations for transfer equivalency.)

- Students must apply to the other institution(s) as Visiting Students, filing the Letter of Permission with their application for admission.

- Those students who have not registered in courses at The University of Winnipeg for one or more years must complete an **Application for Continuance** form and pay the fee (see *Fees*), before the Letter of Permission will be processed.

- Students are reminded that in order to qualify for graduation, a minimum 2.0 GPA (C average) must be attained on all courses taken at The University of Winnipeg. (**Note: Courses taken on a Letter of Permission cannot be used to fulfil The University of Winnipeg major or degree residence requirements.**) Students are cautioned to check this Calendar (Section IX) for the residence and degree requirements of the degree program in which they are enrolled.

- Students must notify the Admissions Office (in writing) if they do not register or if they withdraw from courses approved for transfer of credit.

- It is the student's responsibility to ensure that an official transcript is forwarded to the Admissions Office indicating the final grades attained in all courses taken on a Letter of Permission. Failure to do so will result in an F grade.

- l. **Holds**

Any hold(s) such as a Library or Fee Hold on a student record must be cleared before a student may register. Suitable arrangements must be made with the department/area from which the hold originated to clear a record.

- m. **Student Health Plans**

- **UWSA Student Health Plan**

– As of September 2006, international students are covered under the UWSA Health Plan.

– For all full-time students who want to opt-out of the UWSA Health Plan, they must have a similar alternative health plan.

- **International Students: Health Insurance**

– All students with student visa immigration status must obtain health insurance coverage under a policy arranged by all universities in Manitoba. This policy provides benefits in Manitoba similar to those provided to Manitobans under the Provincial Health Services and Pharmacare plans.

– The international student insurance cost for single coverage will be added automatically to students' accounts at the time of registration. If a student wishes to purchase Family Coverage of the health plan, the student MUST contact the International Student Services Office prior to registration to complete an application, so the fee can be adjusted. A current address must be provided so that the insurance card can be mailed to the student.

– Students with other health coverage will still be required to purchase the health insurance plan provided by the university. Their existing plan may be used to supplement the university plan.

The University assumes no liability for any failure by the student to maintain adequate medical, hospital or dental insurance, nor is the University responsible for any costs not covered by the student's personal insurance plan(s).

- 3. **Registration**

Students are cautioned that admission to The University of Winnipeg does not guarantee entry into a particular course, section, or program. Courses may be unavailable because of enrolment limits and/or prerequisite academic requirements.

- a. **Registration Process**

Students are responsible for the completeness and accuracy of their registration and should ensure that the courses selected are appropriate to their program of studies and that they are meeting the degree requirements for graduation (see *Degree and Major Requirements*). Degree and Major advising is available from staff and faculty Academic Advisors.

- b. **Cancellation of Registration**

In some instances, a student's registration in a course may be cancelled. For example:

– registration may be cancelled if fees have not been paid by the fee deadline date;

– departments reserve the right to cancel the registration of a student in a course where the course prerequisites have not been met;

– the University reserves the right to cancel a course if an instructor is unavailable;

– the University reserves the right to cancel a course due to low enrollment.

- c. **Registration for Fall, Winter and Spring Term/Summer Session Courses**

- **Registration for Fall and Winter Term Courses**

Students planning to register for courses in both the Fall and Winter terms are advised to register for all their courses, including courses beginning in January, during the

June-August registration period to ensure the best course selection. Registration for Winter term courses is on-going from late September until the day before classes begin in January.

- **Registration for Spring Term/Summer Session Courses**

A separate registration period is held in March/April for the Spring term courses and continues through June for the Summer Session.

- d. **Course Examination Conflicts**

Students registering for courses with direct final exam conflicts must consult with their department professors to see if a private arrangement can be made to reschedule one of the exams.

If arrangements cannot be made with one of the professors, the student must complete a rescheduled exam form for submission to Academic Advising. This form must be submitted after the latest withdrawal date for the courses in question, but not later than 10 working days before the scheduled exam date.

See *Academic Regulations and Policies* for further information on rescheduled exams.

#### 4. Post Registration

- a. **Course Changes**

Students may add courses or drop courses during the time periods indicated on the University's website.

Students adding a course after the first six (6) days of the term may do so only with written permission from an Academic Advisor and from the department, indicating that late entry into the course meets with the instructor's approval and is in the student's best interest.

Students are urged to read the tuition refund schedules for Fall, Fall/Winter, Winter and Spring terms carefully to avoid, or minimize, financial penalty for dropping courses.

- b. **Section Changes**

Students may change course or lab sections without fee penalty during the time periods indicated on the University's website.

Approval for the section or lab change must be obtained in writing from the Department Chair, or their designate, who will sign the section change form. The request for a section or lab change must be processed within the time periods indicated on the University's website.

- c. **Withdrawals**

**IMPORTANT** - Ceasing to attend classes does not constitute a withdrawal. Failure to follow correct withdrawal procedures may result in a failing grade and a loss of tuition fee credit. Students may withdraw without academic penalty from a course at any time before the published final academic withdrawal date applicable to the course.

**Note:** If the withdrawal deadline date for any course has passed, students will not be allowed to withdraw from those courses. Under some circumstances, these deadlines can be appealed to the Senate Appeals Committee. Please see *Academic Regulations and Policies*.

- **Individual Course Deletes Before Classes Begin**

Once registration has taken place students can delete classes from their record at any time up to midnight of the day prior to the start of classes.

- **Individual Course Drops Once Classes Start**

To drop out of one or more courses once classes start, students must notify the Student Records Office/Registration in-person, in writing or by facsimile. Course Drops (withdrawals) will not be processed on the basis of telephone calls.

– Students withdrawing from lab courses in Biology or Chemistry must submit course withdrawal forms signed by the instructors or lab instructors of these courses.

– Normally, the withdrawal will be effective on the date of receipt of notification.

– Students withdrawing from any practicum course in Education must submit a permission form signed by the Director of Student Teaching.

- **Complete Withdrawal from the University**

– If students are withdrawing from all their courses they should report to the Student Records Office or Student Central.

– If it is impossible for students to come in person, they must inform the Student Records Office in writing or by facsimile of their intention to withdraw; telephone calls will not be accepted.

– Students with lab courses in Biology, Chemistry, or BEd practicum courses must submit course withdrawal forms signed by the instructors or lab instructors of these courses.

– Withdrawal will be effective on the date of receipt of notification.

– The student ID card must be returned at the time of withdrawal, or included with the written notification.

- d. **Identification (ID) Cards**

Official photo identification (e.g., driver's license or passport) is needed to obtain a Student ID/Library card.

During the June-August registration period cards are available from the Registration Centre and Student Central. At other times of the Academic Year, ID cards may be obtained at Student Central. A fee will be charged for a lost card or a replacement card, as specified in *Fees*.

Presentation of the ID card is necessary when conducting transactions in the Admissions and Student Records Offices. Students may be required to show the ID card before taking exams. The ID card is necessary to check books out of the Library or to withdraw equipment from the Athletics Department.

Students who completely withdraw from all courses for the term must return the ID card to an Academic Advisor in the Student Services Office. Students who register in the Spring term immediately subsequent to the Winter term may continue to use the ID card in that term. Students who register in a Spring term and were not registered in the previous Winter term are required to obtain a new ID card. Students who register for the Spring and were registered in the previous Fall/Winter term but completely withdrew, may reclaim their ID Card at Student Central.

- e. **Lockers**

Students must be officially registered in order to obtain a locker. Lockers are assigned on a shared basis between two students.

All locks must be removed and lockers emptied at the end of the Winter and Spring terms. The University is not responsible for any materials left in lockers.

#### 5. Distributed / Distance Learning

<http://ddl.uwinnipeg.ca>

- a. **Web Based TV (VOD) – University of Winnipeg Instructional Network (UWIN)**

Web Based TV includes Arts, Science, Education and Business & Economics courses at the University of Winnipeg using the Internet as the delivery method. Students watch streaming video of lectures at [vod.uwinnipeg.ca](http://vod.uwinnipeg.ca). Admission and registration procedures are the same as for any other course at the University. Advising on course selection is available by telephone, e-mail or on-campus from the Centre for Teaching, Learning and Technology (CTLT), Academic Advising or Faculty. Web Based TV have the same term start and end dates as all on-campus courses. New courses are developed for Web Based TV delivery each year.

- b. **University of Winnipeg Online**

The University offers a number of Arts, Science, Education and Business & Economics courses online. Students should look for these courses in WebAdvisor. Section numbers for these online courses will usually be 760 or 761. Admission and registration procedures are the same as for any other course at the University. Online courses have the same term start and end dates as all on-campus courses. New courses are developed for online delivery each year.

- c. **Campus Manitoba: Online**

Campus Manitoba is a consortium of Manitoba's public post-secondary institutions. Campus Manitoba usually

operates in approximately sixteen rural centres each year. The University of Winnipeg offers a number of Arts, Science, Education and Business & Economics courses online in this program. These courses are intended for students living in rural and northern Manitoba. Students must be admitted and registered as Campus Manitoba students through their local Campus Manitoba Community Centre. Admission and registration are electronic. Section numbers for these online courses will usually be 765 or 766. These online courses have the same term start and end dates as all other University of Winnipeg courses. New courses are developed for online delivery each year. Please see <http://www.campusmanitoba.com>.

**d. Campus Manitoba: Computer Mediated**

Campus Manitoba is a consortium of Manitoba's public post-secondary institutions. Campus Manitoba usually operates in approximately sixteen rural centres each year. The University of Winnipeg offers a limited selection of first-year Arts, Science, Education and Business & Economics

courses via VOIP and graphics on the net. Science labs are located in selected rural communities. These courses are intended for students living in rural and northern Manitoba. Students must be admitted and registered as Campus Manitoba students through their local Campus Manitoba Community Centre. Admission and registration are electronic. Each community has their own section number. These computer-mediated courses have the same term start and end dates as all other University of Winnipeg courses. Please see <http://www.campusmanitoba.com>.

**e. University College of the North (UCN):  
Inter-Universities Service**

The University of Winnipeg, in partnership with Brandon University and the University of Manitoba, offers Arts, Science, Education and Business & Economics courses to UCN students. Course delivery is primarily community-based.

Students register with the University College of the North. Please see <http://www.ucn.ca/>.

# IV FEES

Updated Aug 26/09

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### Important Note

Fees for the 2009-2010 academic year had not been established by the Board of Regents at the time this Calendar was prepared. The Board of Regents reserves the right to change the schedule of fees and refunds without notice. The 2008-2009 fees were published in this section as a guide. [SEE University of Winnipeg Costs FOR 2009-2010 FEE INFORMATION.](#)  
**IMPORTANT CHANGE: Payments by Visa and Mastercard are no longer accepted when paying in-person at Student Central. Credit card payments can only be made online through WebAdvisor and are subject to a transaction fee.**

### 1. Information

The 2009-2010 fee schedule will be available on the University of Winnipeg website as soon as it has been established. The Student Records Office must be informed of any address changes.

Students should see *Student Awards and Financial Aid* for detailed information on financial aid and student loans, student awards/scholarships and bursaries.

For payment arrangements, call the Student Financial Services office at 786-9244 or 786-9884.

### 2. Application for Admission

Canadian citizens and permanent residents	\$60.00
All international applicants	\$90.00
Application for Continuance	\$25.00
Visiting Students	\$25.00

**Note:** Application fees are not refundable.

### 3. Integrated BEd / BA or BSc Program Deposit

Students accepted into the Integrated BEd / BA or BSc Program pay a non-refundable deposit to confirm their place in the program. Currently, this fee is \$100.00.

### 4. Fee Schedules

#### a. Tuition Fees

The basic tuition fee schedule applies to an undergraduate student who, at the time of commencement of the term, is either a citizen or a permanent resident of Canada.

The Visa Students' differential tuition fee schedule applies to an undergraduate student who, at the time of commencement of the term, is not a citizen or a permanent resident of Canada.

#### International Visa Students first registered for courses in the University prior to August 31, 2005.

Arts and Education Courses, Fees - \$1,021.68 per 6 credit hours

Science Courses - \$1,176.92 per 6 credit hours

#### International Visa Students first registering for courses in the University in Terms starting in the period September 1, 2005 to August 31, 2006.

Arts and Education Courses, Fees - \$1,114.56 per 6 credit hours

Science Courses - \$1,283.90 per 6 credit hours.

#### International Visa Students first registered for courses in the University in Terms starting in the period September 1, 2006 to August 31, 2007.

Arts and Education Courses, Fees - \$1,331.26 per 6 credit hours  
 Science Courses - \$1,533.56 per 6 credit hours.

#### International Visa Students first registering for course in Terms beginning September 1, 2008.

Arts and Education Courses, Fees - \$2006.40 per 6 credit hours  
 Science Courses, Fees - \$2,313.60 per 6 credit hours  
**Note:** International Visa fees do reflect the Manitoba 10% Tuition Reduction.

The University reserves the right at any time to require any student to provide proof of status claimed.

### 2008 - 2009 Fee Schedule

Courses (In credit hours)	Tuition fee (\$)	Non-refundable registration fee (\$)	Total (\$)
<b>Arts and Education Courses, Regular Fees</b>			
each 6-credit course	619.20	24.96	644.16
each 3-credit course	309.60	12.48	322.08
<b>Science Courses, Regular Fees</b>			
each 6-credit course	713.28	24.96	738.24
each 3-credit course	356.64	12.48	369.12
<b>Arts and Education Courses, Visa Fees</b>			
each 6-credit course	1,083.60	24.96	1,108.56
each 3-credit course	541.80	12.48	554.28

Science Courses, Visa Fees			
each 6-credit course	1,248.24	24.96	1,273.20
each 3-credit course	624.12	12.48	636.60

**Note: The 2008/2009 fees do not reflect the Province of Manitoba 10% Tuition Reduction Program put in place for the 2007/2008 Fall/Winter and Spring Terms.**

**Note: The official fees for 2009-2010 will be posted by July 1, 2009 on The University of Winnipeg website at [www.uwinnipeg.ca](http://www.uwinnipeg.ca).**

**Note: Non-refundable registration fees are due at time of registration.**

**b. Facilities Fee**

All students are subject to this non-refundable fee. This fee is assessed only once per year, in the first term in which a student registers within the academic year. Currently, this fee is \$100.00.

**c. Ancillary Fee**

This fee is applicable to each course a student registers in and is assessed on the basis of the credit hour value. Currently, the fee is \$24.96 per 6 credit hour course and \$12.48 per 3 credit hour course.

**d. Lab Fee** - on applicable courses 6 credit hours \$30.00

**e. Practicum Fee in Education Courses**

Second Year Practicum Block \$50.00  
Third Year Practicum Block \$75.00  
Fourth Year Practicum Block \$ 250.00  
Fifth Year Practicum Block \$250.00

**f. Theatre Levy** (on applicable courses) 6 credit hours \$9.96

**Theatre Levy** (on applicable courses) 3 credit hours \$4.98

**g. Menno Simons Student Service Fee** (Menno Simons Courses Only) 6 cr. Hours \$19.98

**Menno Simons Student Service Fee** (Menno Simons Courses Only) 3 cr. Hours \$9.99

**h. University of Winnipeg Student Association Fees**

All students are subject to the UWSA fees. The fees are assessed according to the number of credit hours in which a student is registered. See chart below.

All students are also subject to two non-refundable UWSA fees. These fees are assessed only once per year, in the first term in which a student registers within the academic year. Currently, one fee is \$44.82. The other, an athletic levy, is \$35.75

Type of fee	each 3-credit hour course (\$)	each 6-credit hour course (\$)
Refundable UWSA Fee	10.62	21.24
Refundable Building Fund	3.72	7.44
Health Plan	Health Plan Information and fee schedules are available at the UWSA Information Booth.	

**i. Challenge for Credit (PLAR)**

A student who has been granted permission to challenge a course for credit must pay half the tuition fee, half the non-refundable registration fee, and half the ancillary student fee.

**j. Auditor**

A student who has been granted permission to audit a course must pay half the tuition fee, half the non-refundable

registration fee, half the ancillary student fee, and all UWSA and other incidental fees.

**k. Senior Citizen**

Persons aged 65 and over, or those who are 60 and over and not in paid employment, must pay the applicable application for admission fee or the application for continuance fee. All other tuition and incidental fees are exempt, except for those who would like a Library ID card. The current cost is \$20.00.

**l. Incidental Fees (subject to change)**

**Note: The official fees for 2009-2010 will be posted by July 1, 2009 on The University of Winnipeg website at [www.uwinnipeg.ca](http://www.uwinnipeg.ca).**

Reason for fee	Fee
Application for Continuance	25.00
Confirmation of Graduation Letter	10.00
Duplicate T2202A	15.00
Deferral Examination (each paper)	60.00
Final Grade Appeal	35.00
Graduation /Degree fee <i>in absentia</i> *	35.00
Invigilation of other universities' exams	75.00
Late payment fee (for each course)	20.00
Letter of enrolment or confirmation	6.00
Letter of permission to take courses at other institutions Plus, for each additional 6 credit hours over 30 credit hours	50.00 5.00
Locker rental, for each student, for one term	15.00
Returned cheque charge (for each cheque, NSF etc.)	40.00
Parchment replacement fee	55.00
Parchment replacement fee, due to name change	55.00
Prior Year's Fee Retrieval	15.00
Regalia for graduation ceremony*	25.00
Reinstatement fee (for each course)	25.00
Replacement ID Card	20.00
Re-registration fee, for each 6-credit hour course	24.96
Re-registration fee, for each 3-credit hour course	12.48
Senior citizen students' ID card	20.00
Special examination (each paper)	60.00
Transcript fee, per copy	8.00

\* These fees are subject to GST.

**5. Fee Payments**

**a. Where to pay fees**

Students may pay their fees:

- In-person using cash, cheque, interac or money order at Student Central, north end of Centennial Hall, Main Floor, Office hours are 8:15 a.m.- 5:30 p.m. Monday to Thursday and 8:30 a.m. - 4:15 p.m. Fridays. **NOTE: Payments by Mastercard or Visa are no longer accepted when paying in-person at Student Central.**

- By depositing a cheque or money order in the drop box in Centennial Hall, Main Floor, east wall by the Security Office.
  - By mailing payment to Student Central, The University of Winnipeg, 515 Portage Avenue, Winnipeg, MB R3B 2E9. Payments must be received by the due date.
  - By using your own Online Bank Payment application, selecting the University of Winnipeg and using your seven digit ID as your account number.
  - Online through WebAdvisor using Visa or Mastercard.
- NOTE: All payments processed on WebAdvisor are subject to a per transaction convenience fee.

**b. When to pay fees**

Registration fees are payable at the time of registration. Due dates for tuition and incidental fee payments are on the confirmation of Registration and course change reports.

**c. How to pay fees**

- Payments may be made by personal cheque, certified cheque, money order, cash, Interac, Mastercard or Visa.
- NOTE: Payments by Mastercard or Visa can only be made online through WebAdvisor and are subject to a per transaction convenience fee. Credit card payments are no longer accepted at Student Central.**
- Cheques or money orders are payable to The University of Winnipeg. It is important to include your student number on the cheque or money order. Students are discouraged from carrying large amounts of cash.
  - If it is impossible to pay the amount due, information on pay arrangements can be obtained by calling 786-9244 or 786-9884. Late fees apply to all arrangements.
  - Payment made to release a Hold, where required, must be made by certified cheque, cash, Interac, Mastercard or Visa. NOTE: Payments by Mastercard or Visa can only be made online through WebAdvisor and are subject to a per transaction convenience fee. Credit card payments are no longer accepted at Student Central.
  - Fees are considered unpaid if a cheque is returned by the bank for any reason.

**d. Payments made through awards, student loans, an agency, or a sponsor**

If payment is made by...	then students must...
An agency or a sponsor	Ensure an authorization form or letter is submitted to the Accounting Office before the due date for fee payment
Manitoba Student Loans or Canada Student Loans	<p>Certificates of Eligibility (loan documents) are confirmed by the Awards and Financial Aid Office electronically.</p> <p>Students from other provinces must have their loan documents signed in the Awards and Financial Aid Office.</p> <p>Fees will be deducted from certificates when they are confirmed.</p> <p>If Canada Student Loans are not yet approved, students must make special arrangements with the University Awards and Financial Aid Office before the due date for fee payment.</p>
Non-University of Winnipeg scholarships and bursaries	Submit documentation to the University Awards and Financial Aid Office before the due date for fee

	payment.
University of Winnipeg scholarships and bursaries	The University Awards and Financial Aid Office will apply awards to students' accounts.

**e. What happens if fees are not paid?**

If fees are not paid by the deadline dates, one or more of the following actions occurs:

- A late payment fee is assessed.
- The student's registration may be cancelled.
- A Hold is placed on the student's account.
- The student cannot re-register at the University, receive marks or graduate.
- Your account may be forwarded to our collection agency.

Students wishing to be reinstated must pay the following fees, in cash, by Interac, Visa, Mastercard, or certified cheque only:

- all overdue fees
- reinstatement fees
- re-registration fees.

**NOTE: Payments by Mastercard or Visa can only be made online through WebAdvisor and are subject to a per transaction convenience fee. Credit card payments are no longer accepted at Student Central.**

**f. Withdrawals**

Students who want to withdraw from a course are subject to the dates published on the University of Winnipeg Website 2009/2010 Withdrawal Schedule, which specifies how much fee credit, if any, will be received, depending on the date of withdrawal.

Students who withdraw from a course by the voluntary withdrawal deadline for medical reasons or because they are moving from the province may receive partial refunds, called tuition fee credits, for their fees paid. This includes refundable portions of tuition fees and University of Winnipeg Students' Association fees.

Any credit received for withdrawing from a course is applied to the remaining balance owed to the University, regardless of due date. Students paying fees by award, government student loan or by sponsorship follow the rules and regulations of each particular area. Withdrawal schedules are available on the U of W Website.

**g. Non-Refundable Fees**

The following fees are not refundable:

- Ancillary Student Fee
- Applications fees
- Bed deposit
- Facility Fee
- Lab Fees - once the course has started
- Registration fees
- Fees for unsuccessful appeals of final grades
- Fees for letters of permission
- Non-refundable UWSA fee
- UWSA Athletic Levy Fee
- Late payment fees
- NSF cheque charges
- UWSA Health Plan (other than valid opt-out).
- Theatre Levy
- Menno Simons Student Service Fee

**6. Income Tax Receipts (T2202A)**

Tuition receipts (T2202A) for courses taken and fees paid are available in February for the previous taxation year.



# V

## STUDENT AWARDS AND FINANCIAL AID

### 1. Information and Advice

### 2. Entrance Scholarships

- a. Advanced Early Admission Entrance Scholarships
- b. Special Entrance Scholarships
- c. Major Entrance Scholarships
- d. Other Entrance Scholarships

### 3. Undergraduate Scholarships

- a. Academic Proficiency Scholarships
- b. Sir William Stephenson Scholarships
- c. Department and General Undergraduate Scholarships
- d. Academic Medals

### 4. Graduate Awards

### 5. Financial Aid

- a. Student Financial Assistance Programs
- b. Bursaries
- c. Special Awards for High Need Students
- d. Emergency Loans
- e. Work Study Program

### 6. Other Programs

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### 1. Information and Advice

The University of Winnipeg offers a comprehensive awards program of scholarships, prizes and bursaries.

–**Scholarships** are awarded for academic achievement and can be used by students only while attending The University of Winnipeg.

–**Prizes** are awarded for academic achievement and normally do not require that recipients register again at the University.

–**Bursaries** are grants awarded to students with satisfactory academic records who prove financial need.

*This information is provided as a general outline of the University's awards and financial aid programs. It is not intended to be a comprehensive outline of the regulations and procedures governing the awards program. For detailed information, see the Awards Handbook available from the Awards and Financial Aid Office.*

### 2. Entrance Scholarships

#### a. Advanced Early Admission Entrance Scholarships

Advanced Early Admission Entrance Scholarships are available to students who apply for admission by December 1, who have averages of 91% on five approved 30S credits, and who are registered for at least five approved 40S credits in their Senior 4 year. Advanced Early Admission Entrance Scholarship offers are confirmed on the basis of students' grades in their 40S credits.

#### b. Special Entrance Scholarships

Manitoba high school students who enter the University directly from high school are automatically considered for Special Entrance Scholarships, provided they apply to the University by the early admission deadline and have standing in at least five 40S credits approved for admission to The University of Winnipeg.

Students from outside Manitoba also may be considered for Special Entrance Scholarships. However, such students must send complete transcripts of their high school grades directly to the Director of Awards and Financial Aid in order to receive consideration for Special Entrance Scholarships.

Special Entrance Scholarships are awarded to all qualified students with averages above 80%. Values range from \$800 to \$4,000. For 2008-2009, 807 students were awarded Special Entrance Scholarships.

#### c. Major Entrance Scholarships

The Major Entrance Scholarships are the most prestigious entrance scholarships offered by the University.

Each high school principal in Manitoba may nominate one student who combines academic excellence with noteworthy participation in extracurricular activities in school and the community, leadership qualities, and strength of character. From among these nominees, one recipient is selected for the \$10,500 Marsha P. Hanen Entrance Scholarship (\$4,500 for first year and renewable at \$2,000 per year for up to three additional years). Six to ten recipients are selected for the \$5,000 Alumni Entrance Scholarships, and two recipients from rural Manitoba are selected for the Walter Leatherdale Entrance Scholarship, which provides tuition, and books and living allowances for 4 years.

#### d. Other Entrance Scholarships

Other entrance scholarships are available to students who have high academic standing in high school. Most require the completion of an Entrance Scholarship Application. For 2008-2009, 44 students were awarded these scholarships which range in value from \$70 to \$2,500. Students from outside Manitoba may apply for many of these entrance scholarships.

### 3. Undergraduate Scholarships

Students may be considered for undergraduate scholarships upon successful completion of 30 credit hours.

#### a. Academic Proficiency Scholarships

Academic Proficiency Scholarships are awarded to provide continuing scholarship support for students who maintain outstanding academic records throughout a first undergraduate degree. Assessments are done at the completion of the Fall/Winter academic year and the Spring Term for students whose academic records indicate completion of 30, 60, or 90 credit hours. Scholarships are awarded beginning with the student who has the highest academic standing, continuing down the list until the funds are exhausted. For 2008-2009, 277 students were awarded Academic Proficiency Scholarships of \$500. The grade point average cut-off was 4.10.

#### b. Sir William Stephenson Scholarships

The Sir William Stephenson Scholarships are the most prestigious undergraduate scholarships offered by the University. They are awarded to students who combine outstanding academic

records with leadership qualities and the potential to make a valuable contribution to Canada.

Students must apply for the Sir William Stephenson Scholarships. For 2008-2009, two students were awarded these \$6,500 scholarships.

**c. Department and General Undergraduate Scholarships**

Department Scholarships are available to students on the basis of their academic majors by nomination from academic departments.

General Undergraduate Scholarships are not restricted to students in any single department. Recipients for most of these scholarships are identified on the basis of students' academic performance, without the necessity of application. A small number do require application. The Awards and Financial Aid Office sends application forms to all students who have an overall grade point average of 3.75. For 2008-2009, 303 students received these scholarships which range in value from \$100 to \$10,000.

**d. Academic Medals**

Medals are awarded at each Spring Convocation to students who achieve the highest standing for degree programs and for majors. Gold and silver medals are awarded to the students who achieve the highest and second highest standing for each undergraduate degree program. Gold medals also are awarded to the students who achieve the highest standing for each major.

Students who graduate in the fall are considered for medals at the next Spring Convocation.

**4. Graduate Awards**

The Awards & Financial Aid Office administers a small number of awards for students registered in the Joint Master's Program. Students must apply for these awards which range in value from \$500 to \$8,000.

Graduate awards also are administered through Research & Graduate Studies and through the academic departments that offer graduate programs. Inquiries about the awards available should be directed to these areas.

**5. Financial Aid**

**a. Student Financial Assistance Programs**

Students who require substantial financial assistance should apply to the Canada Student Loan Program and provincial financial assistance programs through the province in which they are a resident.

Many chartered financial institutions also offer student loan and student line-of-credit programs which have favorable terms and interest rates.

The University of Winnipeg offers several supplementary financial assistance programs for students:

**b. Bursaries**

Bursaries are supplementary awards granted to students who demonstrate financial need and who have maintained a satisfactory academic record. Students must apply for most bursaries, and assessments are done at various times during the Fall/Winter academic year and during the Spring Term.

For the 2008-2009 academic year and the 2008 Spring Term, approximately 580 students were awarded University of Winnipeg bursaries, mostly valued from \$400 to \$750. Some bursaries of up to \$5,000 also were awarded.

**c. Special Awards for High Need Students**

Several awards are designated for students who have high levels of financial need. This normally is defined as having an assessment of financial need through the Canada Student Loan Program of at least \$8,000, with preference given to students who have financial need assessments that exceed the maximum financial assistance available through the government student aid program. For the 2008-2009 academic year, 3 scholarships and 13 bursaries of this type were awarded, ranging in value from \$1,000 to \$8,500.

**d. Emergency Loans**

Students may apply for short-term, interest-free loans from the University through the Rev. Joseph E. Cooper Emergency Loan Fund and the International Student Emergency Assistance Fund. These loans are designed to assist with financial emergencies which may arise. The maximum emergency loan is \$600.

**e. Work Study Program**

Campus employment opportunities are available to students during the Fall/Winter academic year through the University's Work Study program. To participate, students must:

- have completed satisfactorily 30 credit hours
- have a satisfactory academic record
- be receiving a student loan for the Fall/Winter academic year
- complete a Work Study Program application form

**6. Other Programs**

Scholarships and bursaries are available to students registered in programs in the Collegiate Division, Continuing Education, the Faculty of Theology, and Menno Simons College. Inquiries about the awards available should be directed to these areas.

**SECTION VI  
SERVICES FOR STUDENTS**

Please refer to the 2009-2010 Calendar [online](#) for information on services for students.

# VII

## ACADEMIC REGULATIONS AND POLICIES

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### 1. Information and Advice

As expressed in its guiding principles, The University of Winnipeg is committed to fostering an environment in which “ a community of scholars - students and faculty - may have the freedom to examine ideas responsibly, and to participate in the academic operations of the institution through processes which reflect a balance between democracy, efficiency, innovation and accountability.” To this end, the governing bodies of the University have developed various regulations, policies and procedures to guide the activities of this community. Many of these regulations and policies are described or cited in the following section.

Advice and further information on regulations can be obtained from an Academic Advisor. Each policy statement included below mentions an individual or department to contact for advice and further information.

### 2. Classroom Regulations

The following section describes the rights and responsibilities of students with regard to attending lectures and completing course work. For information about grading and minimum performance levels, see *Grading*.

#### a. Attendance

Students are expected to be regular in their attendance at lectures and in the completion of work required in each course. Absence may be excused by instructors on the grounds of illness, physical disability, or adverse domestic circumstances. The instructor may require a medical certificate or other evidence. Poor attendance may result in loss of term marks.

#### b. Course Outlines

At the beginning of each course, students will receive a course outline. The outline should include, but not be limited to:

- An indication of the topics to be covered;
- An indication that all topics listed on the outline may not be covered;
- An indication of equipment authorized for use in exams (e.g. calculators);
- A list of all items of work on which the grade of the class is

- based and indication of the weight of each individual item of work;
- An indication of when the items of work will be administered and/or submitted, and penalties, if any, for late submission of work;
- The voluntary withdrawal date, without academic penalty;
- The date of the last test/examination or the last item of work such as an essay or project in any class;
- Reference to the appropriate items in sections of the calendar dealing with Senate information on appeals, withdrawal dates, and academic misconduct such as plagiarism and cheating;
- A reading list or other indication of the amount of reading expected in the class;
- A statement indicating whether or not it is a requirement that work submitted for evaluation be either typed or text processed;
- A statement indicating whether or not students will be asked for photo-identification when writing a test or examination.
- Reference to the availability of the Disability Resource Centre.

#### c. Completing Course Work

Students are expected to complete work required in each course. Such work may include, but is not limited to, term papers, project reports, mid-term and other tests, and final examinations. In some situations, students who have not completed the required work by the end of the term may appeal for an extension. See *Appeals*.

#### d. Format of Submitted Work

Instructors may require that work submitted for evaluation be either typed or word-processed. This requirement must be stated in the course outline.

#### e. Identification at Tests and Examinations

Students must have ID available upon request when writing tests and examinations.

Students who are unable to present identification may complete the test or examination but must produce identification within one working day. The test or examination is not graded until identification is assured.

#### f. Posting of Grades

Instructors may choose to post grades for individual items of work

outside their offices. When final grades are posted after the end of the course, students should be aware that such grades have not yet been approved by Senate, and may be subject to change.

### 3. Grading

This section describes the grading system and the calculation of grade point averages (GPA). Grades obtained by students in their program of studies are governed by the following Senate regulations.

#### a. Final Grades

Final grades are determined by a combination of:  
 –the weight or value of grades on work completed during the course, as prescribed in the course outline, including the final examination grade;  
 –evaluation of class participation, seminar presentation, and discussion.

To receive credit, students must obtain a grade of A+, A, A-, B+, B, C+, C, D, or S (Standing). **Note:** A grade of “Standing” indicates successful completion of a pass/fail course, or completion of courses taken at international universities or colleges. Total credit hours earned in “Standing” courses are counted towards the degree but are not included in the GPA calculation. Students receive no credit for a failing grade (F).

All final grades are issued by the Senate Committee on Academic Standards on behalf of The University of Winnipeg Senate.

#### b. Notification of Grades

**During the term,** instructors must return or show evaluated term work to students with any comments and the assigned grade within a reasonable time period following the completion of an assignment.

**After the term is completed,** grades assigned to all term work must be available to students no later than 10 working days following the date designated for a final examination in a course. Students are responsible for getting the grades for individual assignments from the instructor or the Department when course work, including the final examination, is graded after the close of classes.

Instructors may return or keep final examinations for a period of one year. Students who have filed an appeal against the final grade have the right to see the final examination. Official final grades are made available to students through the Associate Registrar.

#### c. Repeating Courses

A course may be attempted a maximum of two times if passing grades are achieved in both attempts. This maximum may be waived by the department or program at their discretion. Students may repeat any course regardless of the previous grade. Students do not have to repeat courses in which they get a failing grade unless the course is required as part of their degree program. Repetition of a course does not result in removal of the previous attempt from the student’s record, though the cumulative Grade Point Average calculation may be affected.

#### d. Calculating the Grade Point Average (GPA)

Final grades in each course are reported in letter grades to get the grade point average, or GPA. The following table indicates the relationship between letter grades and grade points.

#### Grade Point System

Subjective evaluation	Letter grade	Grade points earned		Weighted grade points	
		6 credit hours	3 credit hours	6 credit hours	3 credit hours
Excellent	A+	4.5	2.25	27	13.5
	A	4.25	2.125	25.5	12.75
	A-	4	2	24	12
Superior	B+	3.5	1.75	21	10.5
	B	3	1.5	18	9
Slightly above average	C+	2.5	1.25	15	7.5
Average	C	2	1	12	6
Marginal	D	1	0.5	6	3
Failure	F	0	0	0	0

There are two types of grade point averages (GPA), degree GPA

and cumulative GPA. **Note:** The University of Winnipeg does not have a standardized numerical grade conversion scale for each letter grade it awards.

#### e. Degree GPA (Graduation GPA)

The degree GPA is calculated on credit hours used for a degree. It is calculated by dividing the weighted grade points by the number of credit hours passed. The number of credit hours in “Standing” courses are used towards a degree but are not included in the GPA calculation. If courses have been repeated, the higher of the two grades is used.

#### f. Cumulative GPA

The cumulative GPA is currently calculated on all credit hours attempted. It is calculated by dividing the weighted grade points by the total number of credit hours passed and credit hours failed. The number of hours in “Standing” courses are not included in this calculation. If courses have been repeated, and passed more than once, the best grade will be included. This is the GPA that appears on students’ transcripts.

**Note:** Due to changes required by the new Student Information System, this policy or regulation may change after the publication of the Calendar. Please consult the University website for more information.

### 4. Transcript of Academic Record

On written request of the student, an official transcript of the student’s academic record can be sent by Student Records directly to another institution or agency indicated in the request. Each transcript will include the student’s complete record at the University to date. Since standing is determined by the results of all final grades in the term, transcripts showing Fall Term grades are available at the end of January, Fall/Winter and Winter Term grades at the end of May, Spring Term grades at the end of July, and Summer Session grades at the end of August.

A student’s record is confidential. Transcripts are issued only at the request of the student. All transcript requests must be accompanied by payment (see *Fees*). Transcripts will normally be issued within five (5) working days after the written request has been received by Student Records.

Transcripts will not be issued until all financial obligations to the University and any “Holds” which have been placed on the student’s record, including Library, Admissions, and Awards and Financial Aid, have been cleared.

Students who require proof of degree completion prior to convocation can request a letter from the Convocation/Academic Program Officer in Student Records.

### 5. Challenge for Credit - Assessing Prior Learning

Prior Learning Assessment and Recognition (PLAR), at The University of Winnipeg, is a method by which a student may, with appropriate evidence and documentation, be able to obtain credit for learning acquired outside the University.

**Note:** Regulations and procedures for PLAR in the Division of Continuing Education may differ from those of the Faculties of Arts, Science, Education, and Business and Economics. Please check with Continuing Education for information.

#### Procedures:

- The student must apply to and be accepted by The University of Winnipeg.
- The student consults with the Coordinator of PLAR in Student Services and applies for Challenge for Credit.
- The student must provide a summary of prior learning and receive permission to PLAR a course for credit from the Department Chair/instructor offering the course.
- The student will complete appropriate advising and orientation as determined by the University and the department.
- The student may be required to complete appropriate preparation training (e.g., portfolio development).
- The Department Chair/instructor will determine the appropriate mode(s) of assessment for the course(s) (e.g., portfolio, examination, demonstration, interview, presentation).
- Once the student and Department Chair/instructor agree to proceed with PLAR, the student must complete and sign an Assessment Agreement Form in consultation with the Department Chair/instructor and return the form to the Coordinator of PLAR.
- The fee (½ the course fee) must accompany the Assessment Agreement Form.
- If the student does not receive credit after challenging a course, a note to this effect will be placed in the student’s file but will not be entered on the official transcript.
- Within the set deadline the student completes the agreed upon

assessment(s).

- If a student does not receive credit after completing the assessment process, one further attempt can be made to challenge for credit after a minimum of six months, provided the student produces evidence of additional learning. The course instructor may inform the student of areas where learning is inadequate and may be able to recommend ways to acquire or demonstrate that learning.

**Regulations and Policies:**

- PLAR in the Faculties of Arts, Science, Education, and Business and Economics is only available to students who have been admitted to The University of Winnipeg.
- The student may use a maximum of 30 credit hours of PLAR towards a degree.
- A maximum of 60 credit hours from the combination of PLAR credits and transfer credits can be used toward a degree.
- Credits gained through PLAR cannot be used to fulfil The University of Winnipeg residence requirements.
- The student who is successful will receive a grade of S ("Standing")

in the course rather than a letter grade.

- Credit will only be awarded for work meeting the standard expected of students who successfully complete the course with a grade of "C" or better.
- Credits obtained through the PLAR option will be recorded on the student's transcript as challenge credits, 'CC'.
- The student may only use PLAR for courses delivered by The University of Winnipeg (i.e., only courses which appear in the Course Descriptions section of this Calendar/Spring Calendar or in the University of Winnipeg Timetable).
- Students may not be considered for PLAR in a course if they have previously registered in that course or its equivalent at The University of Winnipeg or another university. Exceptions to this rule will be made for those students who have withdrawn within the first two weeks of a course.
- For more information, consult the web site at [adultlearner.uwinnipeg.ca](http://adultlearner.uwinnipeg.ca).

**6. Academic Standing and Status Evaluation**

**a. Grade Point Requirements For Degrees**

**Summary of GPA requirements for degrees granted by the University of Winnipeg**

Degree	Minimum weighted GP	Credit hrs	Minimum Cumulative GPA	Notes
BA or BSc 3-Year	180	90	2.0	Minimum 2.0 GPA -on U of W courses used for graduation -on Courses used for the major Only courses with D or better can be used for graduation. The 90 credit hours presented for graduation must meet all degree requirements. Students on probation may try a maximum of 120 credit hours to gain a degree. Students with Regular status and a cumulative GPA of 2.0 or better may exceed 120 credit hours in attempting to gain a degree.
BA Honours		120	3.0 2.5	Minimum 3.0 GPA -on honours subject courses, including course repeats and failures Minimum 2.5 GPA -on non-honours subject courses where Fs are not included and in the case of repeated courses, only the highest grade will be used
BSc Honours		120	3.0 2.75	Minimum 3.0 GPA -on honours subject courses, including course repeats and failures Minimum 2.75 GPA -on non-honours subject courses where Fs are not included and in the case of repeated courses, only the highest grade will be used
BA or BSc 4-year	240	120	2.0	Minimum 2.0 GPA - on U of W courses used for graduation - on courses used for major Only courses with D or better can be used for graduation The 120 credit hours presented for graduation must meet all degree requirements.
Integrated BEd/BA or BSc	300	150	2.0	Minimum 2.0 GPA. The 150 credit hours presented for graduation must meet all degree requirements.
Second Bachelor's degree			2.0	Minimum 2.0 GPA in courses presented for graduation Requirements for the degree being sought must be met by courses presented for graduation and relevant courses credited in the earlier degree.

**b. Exceptional Performance**

**• Deans' Honour List**

A student who, either by full or part-time study, achieves standing in 30 credit hours with a grade point average of at least 3.55, is recognized as a "student of distinction". A student who attains an average of 4.0 or more is designated "student of highest distinction". Students are assessed upon completion of their 30<sup>th</sup>, 60<sup>th</sup>, 90<sup>th</sup>, 120<sup>th</sup>, 150<sup>th</sup> and 180<sup>th</sup> credit hour if they are in the first undergraduate degree, or the second undergraduate degree if one of the two degrees is a BEd degree. The assessment criteria are the same as those used for Academic Proficiency Scholarships.

**• Academic Proficiency Scholarships**

These scholarships are awarded, without the necessity of an application, to all full-time and part-time students who are eligible according to the terms outlined below.  
Students' academic records are assessed for Academic Proficiency Scholarships in chronological order upon completion of the first 30<sup>th</sup>, 60<sup>th</sup> and 90<sup>th</sup> credit hours of their undergraduate careers after the Fall/Winter and Spring terms. To be eligible for an Academic Proficiency Scholarship upon completing the 90<sup>th</sup> credit hour, students must be entering the final year of a 4-Year BA or BSc, Honours BA or BSc program, or the fourth year of the Integrated BEd degree, or the first year of the After-Degree BEd program. No more than 6 credit hours in each group of 30 may be transferred in from another institution.

Two award levels have been established. The first level is awarded to students with a grade point average of 4.00 or higher.

The second level is for students with an average below 4.00 but not less than 3.55. Students are rank-ordered, and awards offered to them, beginning with those at the top of the list, until all the money in the scholarship budget has been disbursed or until the last student on the list has received an offer, whichever comes first.

**c. Minimum Performance Requirements to Remain in a Program**

An evaluation of student performance is conducted at the *end of the term* in which students have completed their first 18 credit hours, and then at the end of each subsequent term to determine if students have a sufficient GPA to continue in their program.  
-Students who achieve the minimum performance level are considered to be in good standing.  
-Students who do not achieve the minimum performance level are placed on probation.  
-Students who continue to perform unsatisfactorily are placed on academic suspension.  
-To continue at the University on Regular status, students must meet the minimum grade point level shown in the Minimum Performance Table below.  
-**Students who accumulate more than 30 credit hours of failing grades exceed the number of course attempts allowed to get a degree, and are not allowed to continue with their studies.**

**To calculate minimum performance** the student must have achieved a minimum GPA on the credit hours attempted according to the scale in the table below. If a grade is S (Standing), it is evaluated as a grade point of 2.0 for purposes of this calculation.

Minimum Performance Table

Credit hours attempted	Minimum GPA	Credit hours attempted	Minimum GPA
18-30	1.4	60.01-90	1.6
30.01-60	1.5	90.1+	1.65

**d. Probationary Status Students**

Students are placed on probation when their end of term evaluation shows that their performance level has fallen below the minimum required. Probationary status is effective immediately.

When students are on probation, their performance level is re-evaluated after subsequent terms. At that time, to remain at the University, they must have achieved one of the following conditions:

-To regain Regular status, students must meet the performance level based on all courses attempted.

-To remain on Probationary status, students must obtain a minimum 2.0 GPA on courses attempted since the last assessment.

Failure to achieve either of these two conditions will result in academic suspension.

**Students on probation** cannot enrol at other universities to try to remove the probationary status, and should consult an Academic Advisor to discuss their course load, their course selection, and the effects of probation on their academic career.

**Students in the Integrated BEd/BA or BSc program who are placed on probation** are removed from the BEd portion of the program but can remain in the Arts or Science program. They can seek readmission to the BEd program as a Transfer or After-Degree applicant if they achieve Regular status and meet the admission requirements. Applicants to the BEd program must be on Regular or Mature status.

**e. Mature Status Students**

Mature status students are **admitted on probation**. After 24 credit hours, if they meet the minimum performance level indicated in the Minimum Performance Table, they are given Regular student status. They may be given Regular status if they achieve 36 weighted grade points with fewer than 24 credit hours.

If they do not meet the minimum performance level, they are **not allowed to continue** with their university studies. If a student is registered in the term during which notification of the impending status change is sent, the not allowed to continue status becomes effective at the end of that term, unless the student chooses to withdraw immediately.

Students on "not allowed to continue" status must re-apply for admission and must meet Regular status admission requirements. Degree credit is granted for courses previously completed at the University. In extraordinary circumstances, students may appeal for reinstatement. (See *Appeals*).

**f. Academic Suspension**

Probationary status students who continue to perform below the minimum performance level are placed on academic suspension. If a student is registered in the term during which notification of the impending status change is sent, the suspension or withdrawal becomes effective at the end of that term, unless the student chooses to withdraw immediately.

The first academic suspension is normally for one calendar year. A student on academic suspension cannot resume studies until the suspension period has expired. To seek reinstatement after a first suspension, the student must see an Academic Advisor after completing the Application for Continuance process.

Second and subsequent suspensions are for two years. To seek reinstatement after a second or subsequent suspension, the student must submit a request for reinstatement in writing to the Senate Appeals Committee. (See *Appeals*). Submission of an appeal does not assure reinstatement.

**g. Not Allowed to Continue Status**

Students who receive more than 30 credit hours of failures have exceeded the maximum number of course attempts to get a degree, and are not allowed to continue their studies. They are expected to sit out for three years and forfeit credit if they wish to return. (See *Admission and Readmission*).

If a student is registered in the term during which notification of the status change is sent, the withdrawal from the university

becomes effective at the end of that term, unless the student chooses to withdraw immediately.

In extraordinary circumstances, students may appeal in writing for reinstatement to the Senate Appeals Committee. (See *Appeals*).

**7. Student Discipline**

**a. Academic Misconduct**

**Note:** *The University of Winnipeg Senate passed a comprehensive Academic Misconduct Policy effective Spring, 2001. This policy applies to students in the Faculties of Arts, Business and Economics, Education, and Science, the Division of Continuing Education and the Faculty of Theology.*

*The complete text of the University of Winnipeg Academic Misconduct Policy is available from the Academic Vice President; the Deans of Arts, Business and Economics, Education, and Science; the Dean of Theology; the Dean of Continuing Education; Arts, Business and Economics, Education, Science Chairs, Directors and/or Coordinators. The Vice-President (Academic) is responsible for the communication, administration, and enforcement of the policy.*

**Academic Misconduct: Faculty of Arts, Business and Economics, Education, and Science**

**Note:** *The following describes various forms of misconduct and a synopsis of procedures for their investigation and disciplinary action in the Faculty of Arts, Business and Economics, Education, and Science; the complete text of the University's Academic Misconduct Policy is available as described above.*

**Preamble**

Academic honesty is a cornerstone of the development and acquisition of knowledge. Academic honesty is a condition of continued membership in the university community and demands that the contribution of others be acknowledged. Scholarly integrity is required of all members of the university.

Academic misconduct refers to dishonest student behaviors that subvert academic standards by gaining credit, standing or benefits improperly. Academic misconduct is ultimately destructive of the values of the university; it is furthermore unfair and discouraging to the majority of students who pursue their studies honestly. Academic misconduct is determined on the basis of procedures that are consistent with the principles of natural justice and administrative due process. Academic misconduct may take the form of a single offence or multiple offences of cheating, plagiarism, or other acts outlined below. Such misconduct may lead to disciplinary action against a student if it is determined that the offence warrants such action.

The University of Winnipeg's policy on student academic misconduct applies to academic misconduct related to University of Winnipeg documents; or occurring in, or related to, courses offered by The University of Winnipeg; or University of Winnipeg sponsored activities; or non-departmental/programmatic areas of The University of Winnipeg.

**Forms of Misconduct**

The definitions presented below are considered representative but not definitive or exhaustive of activities which could be considered to constitute academic misconduct. In some cases the University regulations for non-academic discipline may apply. Some forms of academic misconduct constitute offences under the Criminal Code of Canada; a student charged under University regulations may also be subject to criminal charges. Charges may also be laid against University of Winnipeg students for matters which arise at other educational institutions when deemed in contravention of the University of Winnipeg's Academic Misconduct Policy.

**i) Plagiarism**

Plagiarism is a form of academic dishonesty in which individuals present published or unpublished work (written,

electronic or other) of another person or persons, in its entirety or in part, as their own. While scholarship quite properly rests upon examining and referring to the thoughts and writings of others, when excerpts are used in any work submitted for evaluation, the sources must be acknowledged, using an accepted format for the discipline.

Work of another person can include, but is not limited to, essays, literary compositions and phrasing, oral presentations, performance compositions, chemical compounds, art works, laboratory reports, research results, calculations and the results of calculations, diagrams, constructions, computer reports or software, and material derived from sources such as CD ROMS, the internet and/or other electronic sources.

Acts of plagiarism may include, but are not limited to, one or more of the following:

- **not giving recognition to the author for phrases, sentences, thoughts, code, or arguments incorporated in written work, software or other electronic sources. This can take the form of incomplete footnotes, endnotes, references and/or bibliographies; not using quotation marks or referencing appropriately when quoting directly; not referencing appropriately when quoting indirectly, to indicate the source of the ideas and work of another;**
- **submitting the published or unpublished work of another person in part or in whole as one's own;**
- **submitting the same work for evaluation to more than one course without the consent of each instructor to do so;**
- **two or more students submitting identical or virtually identical work for evaluation when the work was intended to be completed individually.**

#### ii) Cheating

Cheating is an attempt to gain an improper advantage in an academic evaluation (e.g., examinations, tests, or assignments).

Acts of cheating may include, but are not limited to, one or more of the following:

- **copying another person's answer;**
- **communicating with others at a test/exam with the purpose of obtaining, exchanging or imparting information;**
- **consulting unauthorized sources to obtain assistance (including, but not limited to, written, electronic and/or other aids not approved by the instructor);**
- **obtaining a copy of an examination or test, or examination or test questions, before they are officially available;**
- **purchasing exams, essays or other assignments, in whole or in part, and submitting these works for evaluation.**

#### iii) Improper Research/Academic Practices

Engaging in dishonest research practices is academic misconduct. Dishonest practices include, but are not limited to, one or more of the following:

- **fabricating or falsifying investigative results and reporting those as valid;**
- **taking or using other peoples' research results without permission and/or acknowledgment;**
- **misrepresenting research results or methods through selective omission or manipulation of research design, data or citations;**
- **referring to resources known not to exist or the listing of others who have not contributed to the work;**
- **contravening the University's *Policy and Procedures On Research Integrity* as that policy relates to students.**

#### iv) Obstruction of the Academic Activities of Another

It is academic misconduct to interfere with the scholarly / academic activities of another in order to gain unfair academic advantage.

#### v) Impersonation

It is academic misconduct to impersonate someone or to allow oneself to be impersonated, in writing, electronically, or in person in any of the following situations: in class; in a test or examination; in connection with any type of course assignment or requirement; or in connection with any other University requirement. Both the impersonator and the person impersonated may be charged with misconduct.

#### vi) Falsification or Unauthorized Modification of an Academic Record

It is academic misconduct to falsify, fabricate, or in any other way modify an examination/test, transcript, grade, letter of recommendation, permission form, admission form, continuance form or other academic document. This kind of academic misconduct includes, but is not limited to, one or more of the following:

- **making false claims or statements;**
- **submitting false information (e.g., false medical or other such certificate);**
- **altering official documents or records (e.g., transcripts).**

It is also falsification to omit information (e.g., failing to divulge facts about previous attendance at another post-secondary educational institution on an admissions application or continuance form).

#### vii) Aiding and Abetting Academic Misconduct

Knowingly aiding and abetting anyone in an act of academic misconduct shall itself be considered academic misconduct. The kind of academic misconduct includes, but is not limited to, one or more of the following:

- **writing or providing an essay or other assignment in whole or in part for another student to submit as his/her own;**
- **offering for sale, or facilitating the sale of, exams, essays or other assignments, in whole or in part, with the intention that these works would be submitted for evaluation;**
- **profiting or benefitting from the results of impersonation.**

#### Penalties for Academic Misconduct

A formal allegation and finding that academic misconduct has occurred may result in penalties by the University which may include, but are not limited to, one or more of the following:

- **written warning (a warning may be used in cases where there is a finding of academic misconduct but where the action may have resulted from a lack of knowledge of appropriate practices);**
- **lower or failing grade on an assignment, test or examination;**
- **lower or failing grade in a course;**
- **denial of admission or readmission to the University;**
- **forfeiture of University awards or financial assistance;**
- **suspension from the University for a defined period of time;**
- **withholding or rescinding a University of Winnipeg degree, diploma or certificate;**
- **expulsion from the University.**

In those cases where an instructor has decided that an action has resulted from a lack of knowledge of appropriate practices rather than misconduct, the instructor may offer the student the opportunity to resubmit the work with appropriate changes, take a make-up test or examination, or submit a make-up assignment. No penalties, including those listed above, shall be assessed and no record kept of these cases which are not academic misconduct.

#### Academic Misconduct Procedures

The following is a synopsis of the procedures used in the Faculties of Arts, Business and Economics, Education, and Science when a formal allegation of academic misconduct has been made. Comprehensive procedures are found in The University of Winnipeg Academic Misconduct Policy.

#### General Information

Decisions pertaining to academic misconduct will, to the extent practicable, be made according to The University of Winnipeg Academic Misconduct Policy.

Confidentiality will be maintained at every level of the disciplinary process by all who are involved in the resolution of the case.

A student will be notified in writing of the allegation of misconduct, the proceedings at each stage of the process, as appropriate, and the decision and/or penalty. A student has the right to present his/her case in writing or in person within 15 calendar days of receiving any written notice, after which the formal discipline process may proceed/continue.

A student against whom an allegation of academic misconduct has been made has the right to representation and/or may be accompanied by another person at any hearing or personal attendance before University officials and/or committees pursuant to the Academic Misconduct Policy.

A student may register conditionally while an appeal is in process. If the appeal is resolved in favor of the appellant student, the appellant may register officially with fees retroactive to the beginning of the term. If the appeal is not resolved in favour of the appellant student's continuing his/her studies at the University, the student's conditional registration will be cancelled.

## Academic Misconduct Investigation and Disciplinary Decisions

### Level I: Instructor

When evidence of academic misconduct is discovered, the instructor will begin the formal discipline process by informing the appropriate Departmental Chair/Coordinator and Departmental Review Committee in writing of the alleged misconduct.

### Level II: Departmental Review Committee

Upon receipt of the instructor's written report, the Departmental Review Committee will notify the student in writing of the allegation of misconduct. The notice will include the instructor's written report of the alleged misconduct and a notification of the student's right to present her/his case, in writing and/or in person. The right to present in person at this level is not to be viewed as a hearing. The Dean who is Chair of the Senate Academic Misconduct Committee shall be sent a copy of the notice sent to the student.

The Departmental Review Committee will review all available and relevant material and information and will submit a written report to the Chair of the Senate Academic Misconduct Committee as to whether or not a finding of academic misconduct consistent with the definitions in the University's Academic Misconduct Policy should be made.

**Note:** Cases outside Academic Department/ Programs

In cases of alleged academic misconduct arising outside of academic departments/programs (e.g., transcript forgery, false documentation), the head of the unit involved will provide a written report of all allegations, following the guidelines stated above, directly to the Dean who is the Chair of the Senate Academic Misconduct Committee. The Dean will give written notice of the allegations to the student and refer, in writing, the reported allegations to the Senate Academic Misconduct Committee under Level III.

### Level III: The Senate Academic Misconduct Committee

Upon receipt of the written report of recommendation from the Departmental Review Committee, or upon receipt of a referral of allegations from outside of Academic Departments/Programs, the Chair of the Senate Academic Misconduct Committee shall notify the student of his/her right to present further relevant information to the Senate Academic Misconduct Committee and of his/her right to request a hearing before the Senate Academic Misconduct Committee. This notice shall include the recommendations made by the Departmental Review Committee or the allegations from outside of Academic Departments and Programs.

The Senate Academic Misconduct Committee will determine its own procedures and may receive evidence from the student and other relevant persons. The Senate Academic Misconduct Committee may request an interview with the student and/or with anyone who has information relevant to the matter before it.

In cases where the Committee receives a written request from a student for a hearing, the Committee shall schedule a hearing. At such a hearing, the student may be represented by counsel. In cases where the student does not request a hearing, the Committee may decide the matter based on the written material and other available evidence and information.

After considering all of the available material, information and evidence, the Senate Academic Misconduct Committee may:

- **make a finding of academic misconduct;**
- **decide on an appropriate penalty; or**
- **dismiss the charges of academic misconduct.**

The Senate Academic Misconduct Committee shall, within 15 calendar days of making a decision, inform the student in writing of its decision, its reasons, and the student's right of appeal to the Senate Academic Misconduct Appeals Committee.

**When a finding of Academic Misconduct has been assessed by the Senate Academic Misconduct Committee, a letter indicating such will be placed in the Student's file and will remain there until graduation, at which time it will be removed.**

## Appeals of Disciplinary Decisions

### Level IV: The Senate Academic Misconduct Appeals Committee

A student may appeal a finding of academic misconduct and/or a disciplinary penalty to the Senate Academic Misconduct Appeals Committee within 15 calendar days of written notification of the decision of the Senate Academic Misconduct Committee. The appeal must be in writing and must state specifically the decision which is being appealed, the reasons for the appeal; new evidence, if any and the remedy being sought.

Upon receipt of the appeal, the Chair of the Senate Academic Misconduct Appeals Committee shall send written notification to the student of his/her right to present further relevant information in

writing to, and/or request a hearing before, the Senate Academic Misconduct Appeals Committee. In cases where the Committee receives a written request from a student for a hearing, the Committee shall schedule a hearing. At such a hearing, the student may be represented by counsel. In cases where the student does not request a hearing, the Committee may decide the matter based on the written material and other available evidence and information.

After considering all of the available material, information and evidence, the Senate Academic Misconduct Appeals Committee may:

- **uphold a finding of academic misconduct;**
- **revise a finding of academic misconduct;**
- **confirm a penalty;**
- **assess a different penalty; or**
- **allow the appeal and dismiss the case.**

The Senate Academic Misconduct Appeals Committee shall provide written notice to the student of its decision, its reasons and the student's right to make a final appeal to the Senate Executive Committee within 15 calendar days of receiving the notice.

### Level V: The Senate Executive Committee

The Senate Executive is a committee defined by Senate and chaired by the President of the University. A final appeal can be made to the Senate Executive Committee on one or both of the following two grounds only:

- **significant procedural errors at Level IV which resulted in a student not receiving notice (or deemed notice) and/or an opportunity to be heard in accordance with the relevant provisions;**
- **where allegations of bias have been made concerning Level IV.**

## Supplement

Subsequent to the implementation of *The University of Winnipeg Policy on Student Academic Misconduct*, the Senate passed a motion to append the following supplement to the Policy.

All references in this document to the "Faculty of Arts & Science" should be understood to mean "Faculties of Arts, Business and Economics, Science, and Education."

### Grading Guidelines for Instructors

In accordance with this Policy, any decision that academic misconduct has occurred, along with the assessment of an appropriate penalty, can only take place at Level III, namely in the Senate Academic Misconduct Committee.

Therefore, under no circumstances shall an instructor assess a penalty for an alleged instance of academic misconduct, for example, by giving a failing grade. If academic misconduct is suspected for a particular piece of work, the instructor, after initiating the academic misconduct process, may either

- grade the item without regard for the alleged misconduct and inform the student that the grade is provisional, pending the outcome of the academic misconduct process; OR
- delay grading the piece of work pending the outcome of the academic misconduct process and inform the student of the reason for the delay.

Original evidentiary material should be retained by the Departmental Review Committee until the case is resolved.

If the course in which the case of alleged misconduct occurred has ended and final grades must be submitted, the instructor should

- for the time being, submit the final grade register without entering a grade for the student in question AND
- enclose a note to Student Records, with a copy to the Departmental Review Committee, that this grade is pending and will be submitted upon completion of the academic misconduct process.

In the case of a final course grade, it is better to submit no grade, for the time being, than to submit a provisional grade, because based on a provisional grade, the student might graduate, and the diploma might have to be revoked after the completion of the academic misconduct process.

### **b. Non-Academic Misconduct**

**Note:** This policy is currently under review and subject to change.

In order to accomplish its stated mission, the University must be a community in which there is freedom to learn, to teach, to create and to engage in research without fear of retaliation or intimidation and without threat to person or property. Students have a responsibility to act in a fair and reasonable manner in their



interactions with their peers, faculty, staff and administration and in their use of campus property. The intent of this policy is to encourage appropriate student conduct and to identify and regulate student non-academic misconduct which infringes on the above mentioned freedoms and thereby jeopardizes the essential values of our academic community: mutual respect, dignity and civility.

In general, within the University's precincts, students should conduct themselves, individually and collectively, in ways that are consistent with the University's commitment to academic excellence, intellectual freedom, cultural diversity, individual achievement and personal dignity. The University is, above all, a community of scholars engaged in teaching, research and learning. Conduct which promotes an environment appropriate to these pursuits is desirable. Any conduct that detracts from the maintenance of such an environment is undesirable. This includes not only threatening, abusive, disruptive or violent behaviour that directly and immediately affects the health, safety, security or freedom of others, but also patterns of behaviour which, over time, cumulatively cause others to experience a perceived threat to their academic or social environment, or to their personal well-being.

This policy is rooted in the concept of collegiality. It not only requires students to conduct themselves in a manner befitting an academy of scholars, but as well to take individual and collective responsibility for sustaining an acceptable academic milieu by responding appropriately to non-academic misconduct on the part of others.

For more information on this policy, contact the Registrar at 786-9337.

## 8. Senate Appeals

### a. Information and Advice

Students have a right of appeal. All appeals must be in writing. Decisions are made by the appropriate body and are based on the information and supporting documentation provided in writing by the student.

All students wishing to appeal must consult an Academic Advisor to discuss their situation, for information on appeal procedures, and to obtain the appropriate appeal form as required. An Appeals Brochure is available from Student Services and the UWSA Office.

This section outlines the procedures established to deal with the types of appeals indicated.

### b. Admission

Applicants who wish to be admitted to the University without satisfying normal admission criteria may submit an Admission Appeal to the Associate Registrar. Applicants should see the Associate Registrar or an Admissions Officer for information about such appeals. This appeal will be heard by the Senate Appeals Committee.

### c. Credit and Audit Status in Courses

Students who wish to change their status in a course from credit to audit or from audit to credit after the course change period has passed must submit a written appeal to the Senate Appeals Committee giving the reasons the change is being requested and written approval for the change from the instructor of the course.

There is a fee adjustment for the late change from audit to credit. There is no fee adjustment for the late change from credit to audit.

### d. Deferred Exams and Incomplete Term Work

A student may appeal for an incomplete or a deferred final test or exam when medical, compassionate or other circumstances beyond the student's control create situations in which it is impossible, or causes undue hardship, for the student to write the final test or exam as scheduled, or to complete an item of work by the end of the evaluation period of the course.

### Procedures

Students must first consult the instructor of the course. Students who cannot write a final exam as scheduled are expected to contact their instructor immediately on the day of the exam. Departmental policy may permit the instructor to reschedule an exam or final test, or to accept late term work if the proposed completion date falls before the limit for that term and the completed appeal form is submitted to the Student Records Office no later than the deadline for submission of grades in the course.

Term	Exam or Final Test by	Term Work by
Courses ending in December	February 15	April 1
Courses ending in April	June 15	August 1
Courses in Spring Term	September 15	October 1

If departmental policy does not permit this resolution, or the instructor denies the request, or the work cannot be completed within the time limit for the term, or the deadline for submission of grades has passed, the student must appeal to the Senate Appeals Committee.

### Deadlines to Appeal

For a deferred exam, students must contact their instructor immediately, and must normally appeal no later than five working days after the scheduled examination date.

For incomplete term work, students must normally appeal no later than the end of the evaluation period.

### Deadlines for Completing Work or Exams

Examinations deferred by the Senate Appeals Committee will normally be scheduled during a special examination period.

Incomplete term work must be submitted within a time period determined by the department or the instructor, or by the Senate Appeals Committee in consultation with the instructor (see above).

### e. Readmission

A student who has been given an academic suspension from the University or a "not allowed to continue" status may appeal the ruling in writing to the Senate Appeals Committee through an Academic Advisor.

### Waiver of One Year Academic Suspension

Students who are academically suspended for the first time are not permitted to register for one calendar year. If students feel they have grounds to return to the University before the suspension has been served, they must see an Academic Advisor to discuss the appeal.

### Readmission after a Second Academic Suspension

Students who are academically suspended for a second or subsequent time are not permitted to register at the University for two full calendar years. Students must appeal for reinstatement if they wish to return after the two years, or if they feel they have grounds to be allowed to return before the two years. Such an appeal must normally include evidence of success in an academic program completed since the suspension.

### Readmission after being "Not Allowed to Continue"

Students who receive more than 30 credit hours of failures have exceeded the maximum number of course attempts to get a degree, and are not allowed to continue their studies. They are expected to sit out for three years and forfeit credit if they wish to return. (See *Admission and Readmission*). In extraordinary circumstances, they may appeal for reinstatement. Such an appeal must normally include evidence of success in an academic program completed since the student was not allowed to continue.

### Readmission after being "Not Allowed to Continue" as a Mature Status Student

Students on Mature Status are not allowed to continue their studies at the University if they do not meet the Minimum Performance Standard upon completion of 24 credit hours. They must complete Regular Status admission requirements in order to be readmitted. (Note: The status on readmission will normally be Probation based on university academic performance to date.) In extraordinary circumstances, students may appeal to be readmitted without having completed Regular Status admission requirements. Such an appeal must normally include evidence of success in an academic program completed since the student was "not allowed to continue".

### f. Retroactive Withdrawal

Students who stop attending courses without following formal withdrawal procedures by the announced deadline for withdrawal will receive failing grades for those courses. Students may appeal to the Senate Appeals Committee for a retroactive withdrawal, on the basis of medical, compassionate or other reasons beyond their control.

### **Deadline to Appeal**

Normally, the deadline to appeal is the end of the evaluation period for the term in which the course was taken. (Appeals may be considered for up to one calendar year after the end of the course at the discretion of the Senate Appeals Committee, if circumstances warrant.)

### **g. Waiver of Graduation Requirements**

Students may appeal for a waiver of specific requirements in a degree program if there are compelling extenuating circumstances. Students should consult the Convocation/Academic Program Officer in the Student Records Office.

### **e. Further Appeal**

A student who has reason to believe that all pertinent information was not available when the written appeal was considered may request an In-Person Appeal from the Chair of the Senate Appeals Committee.

## **9. Grade Appeals**

### **a. Grades on an Individual Item of Work**

An individual item of work includes any single piece of work in a class, including the final test or examination. Appeals of grades on individual items of work are heard by the Departmental Review Committee, which rules on appeals made to the Department. Normally the Department is the highest body of appeal against grades on individual items of work.

### **Grounds for an Appeal**

To make an appeal, a student must have cause to believe that a grade assigned on an individual item of work was unjust.

### **Procedures**

The student should first discuss the matter with the instructor. If, after discussion with the instructor, the student has reason to believe an injustice has been done, the student may then write an appeal to the Chair of the Departmental Review Committee.

For individual items of term work graded during classes, students must discuss the matter with the instructor within seven working days after notification of the grade. The written appeal to the Chair of the DRC must be submitted within two working days after the discussion with the instructor.

For final items of term work graded after the end of classes, or for final term tests or examinations, students must have submitted their written appeal to the Chair of the DRC within six weeks after the last day of exams for the term in which the course is offered.

**All appeals** submitted to the Chair of the Departmental Review Committee should include:

- a copy of the work which is the subject of the appeal;
- grounds for the appeal;
- a summary of the conversation with the instructor.

Students should expect that the disputed grade will be reviewed in a context other than the one that generated the original grade. Either the Committee or the Department Chair notifies the student in writing of the result of the appeal. The instructor will be fully informed of the student's submission.

### **b. Final Grades**

The final grade is the official final grade that appears on the student's statement of marks from the Associate Registrar. Appeals of final grades are heard by the Departmental Review Committee, which rules on appeals made to the Department. Normally the Department is the highest body of appeal against final grades.

### **Grounds for Appeal**

- There are only three grounds for appeal against a final grade.
- The assessment of the final grade was made without considering all individual items of work completed and submitted.
  - The final grade does not appear to correspond to the grades awarded to the individual items of course work, indicating an error in calculation in developing the final grade.
  - The overall assessment of the final grade is demonstrably unjust.

A processing fee is charged. It is refunded if the appeal is successful. (See Fees).

### **Procedures**

Students have up to six weeks after the official notification of final grades from the Associate Registrar to submit an appeal. The appeal should include:

- a copy of all course work which is the subject of the appeal;
- grounds for the appeal;
- any other relevant documentation.

The written appeal is submitted to the Associate Registrar who sends the appeal to the Departmental Review Committee. The

Associate Registrar notifies the student in writing of the result of the appeal. The instructor is fully informed of the appeal.

### **c. Further Appeal**

A student who has reason to believe and can demonstrate that the Departmental Review Committee did not give the appeal a fair hearing may appeal the Committee's decision on procedural grounds in writing to the Senate Appeals Committee through the Associate Registrar.

## **10. University Policies and Codes**

The University has a number of policies and codes in place that are of importance to all members of the University community. The following policies are of particular importance:

### **a. Respectful Learning and Working Environment**

Freedom from discrimination and harassment is a fundamental right of all members of the University community. The University of Winnipeg prohibits any form of discrimination or harassment whether it occurs on University property or in conjunction with University-related activities.

For more information on the policy or on your rights, please contact the Office of the President at 786-9214 or the Harassment Officer at 786-9161 or visit the University's web site:

<http://www.uwinnipeg.ca/index/harassment-index>.

### **b. Policy on Integrity in Research And Scholarship**

The purpose of this policy is to promote and advance a high standard of integrity in research and scholarship. This policy has been established to address public concerns about responsibility and accountability in research and scholarship. It outlines procedures for promoting integrity among researchers and scholars and for investigating allegations of misconduct in research and scholarship. The policy applies to all members of the University community.

Copies of the policy are available through the Office of the Associate Vice-President (Research) and can also be found on the University's website at: <http://www.uwinnipeg.ca/index/research-integrity-policy>.

### **c. Policies on Research And Experimental Ethics**

These documents contain Senate policies regarding the ethical conduct of research, experimentation and teaching exercises. Research involving human or animal participants cannot be undertaken without the approval of the appropriate University committee or committees.

These policies are available through the Office of the Associate Vice-President (Research) and can also be found on the University's website at:

<http://www.uwinnipeg.ca/index/research-ethics>

### **d. Library Policies**

The following Library policies should be noted:

**Circulation Policy:** This policy details loan periods for all types of library materials (including books, journals, media, course reserves, etc.) and circulation services (loans, recalls, holds, etc.).

**Fines Policy:** This policy outlines fines for all library materials (including late charges, lost or damaged items, etc.) and fine collection policies.

**Interlibrary Loan Policy:** This policy describes the services and policies for borrowing library materials from external libraries via the Interlibrary Loan Department.

**Acceptable Internet Use Policy:** This policy provides information on the appropriate use of computers and electronic resources in the Library.

**Copying Policy:** This policy provides information on the use of photocopy machines in the Library, including copyright, fair-use, costs, etc.

**Food and Drink Policy:** This policy describes appropriate food and drink allowed in the Library.

More information on all Library Policies can be found at <http://library.uwinnipeg.ca/about/policies/>.

### **e. Computer User Code of Ethics**

The purpose of the Code of Ethics is to promote responsible, ethical and secure use of the computing facilities provided by The University of Winnipeg and the Collegiate. The Code of Ethics is for the guidance and protection of all users and guards all users from abuse. Every member of the University community who wishes to have an internet account at the University is expected to abide by this code.

The Code of Ethics may be found at: <https://claimid.uwinnipeg.ca/claimid/>.

## 11. Graduation

Convocation ceremonies are held twice yearly, in the Spring and in the Fall. Information about graduation may be obtained from the Convocation/Academic Program Officer in the Student Records Office. Students must apply for graduation by mid-February for Spring Convocation and by mid-August for Fall Convocation.

### a. Application to Graduate

Students who complete the requirements for one of the University's degrees through the April series of examinations, and have applied for graduation by the preceding mid-February, shall be admitted to the appropriate degree at that year's Spring Convocation.

Students who complete the requirements for one of the University's degrees through the Spring Term series of examinations, and have applied for graduation by the preceding mid-August, shall be admitted to the appropriate degree at that year's Fall Convocation. Prospective graduands are advised to consult the Convocation Officer to have their program of studies reviewed prior to filing their application for graduation. Further details regarding the convocation ceremony will be forwarded by the Student Records Office to graduands who have been approved by the Senate of the University.

### b. Academic Dress

The correct dress for graduates of the University is described below.

### Bachelors and Masters

- a mortarboard of black material with a black tassel
- a gown of black material and the appropriate shape specified by the North American Intercollegiate Code
- a hood of the colour and shape specified by the North American Intercollegiate Code

### Honorary Doctors

- a round brimmed cap of red velvet
- a gown of red material and of the appropriate shape specified by the North American Intercollegiate Code
- a hood of the full Cambridge shape in white material, lined in the University colours showing a white chevron on a red field

**Note:** A fee is charged for academic dress rental. (See *Fees*).

### c. Degrees *in Absentia*

Graduands may be excused from attending Convocation by the Director of Registrarial Services for reason of illness, family bereavement, personal affairs, or other sufficient reason.

Students who have not been excused, and who do not attend, must pay a fee before the parchment will be released.

# VIII

## DEGREE AND MAJOR REQUIREMENTS

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### 1. Information and Advice

All University of Winnipeg degrees have general, major and course requirements which reflect the University's commitment to a liberal arts and science education. Students are required to develop depth of knowledge in one or more subject areas by fulfilling Major or Honours requirements; to develop breadth of knowledge by fulfilling Humanities, Science, Social Science and Distribution requirements; and to develop their writing skills by fulfilling a Writing Requirement.

While it is a student's responsibility to ensure that degree requirements are met, advising to interpret regulations, to plan programs, and to monitor progress is available from Academic Advisors. Advising for major subject requirements is provided by the department (program) offering the chosen major.

### 2. General Degree Requirements

The University general degree requirements provide students with the opportunity to gain the breadth of knowledge and skills consistent with a liberal education.

#### a. The Writing Requirement

All students must fulfil the University Writing Requirement by course work or exemption prior to enrolling in their 42<sup>nd</sup> credit hour by taking either the RHET-1105(3) (three credit hours) or

RHET-1110(6) (six credit hours) version of Academic Writing. Students eligible to take RHET-1105(3) may register in RHET-1110(6) instead. For more information about requirements and courses, see the Department of Rhetoric, Writing, and Communications, under *Course Descriptions*.

#### Placement Criteria:

All students entering directly from high school, except for those exempt from the University Writing Requirement, are required to take Academic Writing before they complete their 42<sup>nd</sup> credit hour and preferably in their first year.

Students who are exempt from the University Writing requirement:

- students receiving 80% or more in English 40S (2 credits)
- students receiving 5 or more in IB English
- students receiving 4 or more in AP English Lit/Comp or Lang/Comp
- students who have successfully completed 24 or more hours of transfer credit
- students receiving 5.0 on the writing component of the CanTEST or TWE or 7.0 or more on IELTS writing
- students in the After-Degree BEd Program
- students in master's-level programs
- students whose first registration at The University of

Winnipeg was prior to September 1989.

Students who are required to take RHET-1105(3):

- students receiving 60% or more but less than 80% in English 40 (2 credits)
- students receiving 60% or more in English 40 (1 credit)
- students receiving 4.0 or 4.5 on the writing component of the CanTEST or TWE or 6.0 or 6.5 on IELTS writing

Students eligible to take RHET-1105(3) may register for RHET-1110(6) instead.

Students are not required to take RHET-1110(6), but the following are encouraged to do so:

- students receiving less than 60% in English 40 (2 credits) or English 40 (1 credit)
- students receiving 3.5 on the writing component of the CanTEST or TWE or 5.5 on IELTS writing

**Note:** Students who do not fit any of the above categories or who are uncertain of their placement should contact the Department of Rhetoric, Writing, and Communications for placement advice.

**Validation of Placement:** On the basis of writing done early in the course, faculty members may advise students registered in the 3 credit-hour course that a full year's work would increase their chances of improving their writing and satisfying the writing requirement, and may recommend a move to the 6 credit hour version of Academic Writing or to Academic Writing for ESL students; other students may be advised that they should move from a 6 credit hour to a 3 credit hour course. The faculty member and student may also decide, following discussion of the student's writing, that he or she could benefit from peer tutoring, available free in the Tutoring Centre and the Computer Writing Lab.

Students who are exempted from the University Writing Requirement are encouraged to take courses in the Department's upper-level group. Exempted students who are interested in working as writing tutors should inquire at the Department of Rhetoric, Writing, and Communications about the required preparatory course work.

#### b. The Humanities Requirement

Students must complete a minimum of 12 credit hours in Humanities courses. Where relevant, a course may fulfil both the Major and Humanities requirement at the same time. Cross-listed courses will fulfil the Humanities requirement if one of the courses is designated as Humanities.

The following University of Winnipeg subject area courses fulfil the Humanities requirement:

##### Aboriginal Languages:

ABOR-1101(6); ABOR-1201(6).

**Classics:** All courses **except** CLAS-1100(3); CLAS-1101(3); CLAS-1200(3); CLAS-1201(3).

**English:** All courses.

**French Studies:** All courses **except** FREN-0002(3); FREN-2109(3); FREN-3204(3).

**German Studies:** All courses **except** the former GERM-1105(3), GERM-1106(3), GERM-1301(6).

**History:** All courses

**Italian Studies:** All courses

**Music:** **Only** MUS-2201(3); MUS-2202(3); MUS-2203(3); MUS-2204(3).

**Philosophy:** All courses **except** PHIL-2302(6) Logic and/or any Logic courses transferred from another institution.

**Religious Studies:** All courses **except** REL-2001(6) and REL-2007(6).

**Rhetoric, Writing and Communications:** All courses **except** RHET-1105(3); RHET-1110(6); RHET-2530(3).

**Spanish Studies:** All courses.

**Theatre & Film:** **Only** THFM-1002(6); THFM-1010(6); THFM-2201(3); THFM-2401(3); THFM-2402(3); THFM-2405(3); THFM-2410(6); THFM-2610(3); THFM-2701(6); THFM-3401(3);

THFM-3402(3); THFM-3409(3); THFM-3502(3); THFM-3701(6); THFM-4134(6); THFM-4441(3); THFM-4531(6); THFM-4741(6).

**Note:** HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfil either the Humanities requirement or the Science requirement.

#### c. The Science Requirement

Students must complete a minimum of 6 credit hours in Science courses in the Bachelor of Arts and Bachelor of Business Administration degrees and 18 credit hours in the Bachelor of Science degree. In some cases, students may fulfil the Science Requirement and the Major Requirement with the same courses. In others, additional courses identified by the department must be taken. (Cross-listed courses will fulfil the Science requirement if one of the courses is designated as Science.)

The following University of Winnipeg subject area courses fulfil the Science requirement:

**Anthropology:** **Only** ANTH-2300(3); ANTH-2304(3); ANTH-3207(3); ANTH-3302(3); ANTH-3308; ANTH-3309(3); ANTH-4212(3); ANTH-4302(3); ANTH-4303(3); ANTH-4306(3); ANTH-4307(3).

##### Applied Computer Science:

All courses **except** ACS-1453(3), ACS-1803(3), ACS-2916(3).

**Biology:** All courses

**Chemistry:** All courses

**Geography:** **Only** GEOG-1201(3); GEOG-1202(3); GEOG-2202(6); GEOG-2203(6); GEOG-2207(3); GEOG-2210(3); GEOG-2213(3); GEOG-2214(3); GEOG-2215(3); GEOG-2216(3).

**History:** **Only** HIST-2900(6).

##### Kinesiology and Applied Health:

**Only** KIN-2201(3); KIN-2202(3); KIN-2204(3); KIN-2301(3); KIN-2304(3); KIN-2500(3); KIN-2501(3); KIN-3106(3); KIN-3107(3); KIN-3304(3); KIN-3500(6); KIN-3501(3); KIN-3502(3); KIN-3505(3); KIN-4201(3); KIN-4207(3); KIN-4301(3); KIN-4500(6); KIN-4501(3); KIN-4502(3)

**Mathematics:** All courses **except** MATH-2305(3)

**Physics:** All courses

**Psychology:** **Only** PSYC-2101(3); PSYC-2102(3); PSYC-2600(3); PSYC-2610(3); PSYC-2620(3); PSYC-2800(3); PSYC-2810(3); PSYC-2900(3)

**Sociology:** **Only** SOC-2125(3)

**Statistics:** All courses

**Note:** The following courses **do not** fulfil the Science requirement for the BA degree:

- Courses offered by the History Department in the History of Science area other than HIST-2900(6).

**Note:** HIST-2900(6) and MATH/PHIL-2901(3) can be used to fulfil either the Humanities requirement or the Science requirement.

#### d. The 4-Year BA and BBA Social Science Requirement

Students seeking a 4-year BA or BBA must complete a minimum of 12 credit hours in Social Science courses.

The following subject area courses fulfil the Social Science requirement:

**Anthropology:** All courses

**Economics:** All courses

**Geography:** **Only** human and regional courses

**Politics:** All courses

**Psychology:** All courses

**Sociology:** All courses

#### e. The Subject Distribution Requirement

Students must complete a minimum of three credit hours in at least five different subject areas. This subject distribution ensures that students have breadth as well as depth in their degree.

**f. The Degree Residence Requirement**

Students are required to complete a minimum number of credit hours in University of Winnipeg courses to be granted a degree from the University. The number of degree and major residence credit hours required are listed in the descriptions for each degree.

Residence requirements for second degree programs are found in this section under 7.

**g. The Maximum Number of Introductory Courses Allowed**

Students may use a maximum of 42 credit hours at the 1000 level towards a degree at The University of Winnipeg. Of these, a maximum of 6 credit hours may be below the 1000 level.

**h. The Academic Performance Requirement**

Students must maintain a minimum academic performance level both to continue a program of studies and to qualify for a degree. Please refer to the section on *Academic Regulations and Policies*.

**3. The Major**

Every degree must include a subject concentration in which a minimum number of courses is taken, identified by the student and the University as the Major. The Major provides the opportunity for a student to develop depth of knowledge in a chosen field of disciplinary and/or interdisciplinary studies.

For specific information, students should read the relevant department/program section describing the requirements of the major they are seeking.

**a. Major Regulations**

Each department/program has its own requirement for the number of credit hours which must be taken in the declared Major subject.

There is a minimum performance requirement in Major courses presented for graduation. Students seeking 3- and 4-Year BA/BSc/BBA degrees must have a 2.0 GPA in the Major subject courses presented for graduation. Students seeking Honours degrees must have a 3.0 GPA in all Honours subject courses.

There is a minimum entry requirement for students registering for the BA Honours, the Student-Designed Major and the Thematic Major.

Students are asked to declare a major before registering for their 36<sup>th</sup> credit hour of course work and are required to declare their major before registering for their 60<sup>th</sup> credit hour of course work.

Students are normally required to consult with, and receive written permission from, departments/programs before declaring a Major.

- **3-Year:** Students must consult with all departments with the exception of Business Administration, Applied Computer Science, and Psychology where consultation is recommended but not required.
- **4-Year:** Students must obtain program approval before each registration.
- **Honours:** Students must obtain program approval before each registration.
- **Student - Designed:** Students must consult with the Coordinator of the Flexible Major Program.
- **Education:** Students declare their Major to the BEd Advisor.
- **Combined:** Students must receive program approval from both subject areas.

**b. Types of Majors**

A variety of majors and combinations of majors allow students to choose programs of study most suitable for achieving specific academic and/or career goals. The official transcript will indicate the major or majors once the degree has been conferred.

- **Single Major:** A student chooses one disciplinary and/or

interdisciplinary area as the Major subject concentration.

- **Double Major:** A student chooses two disciplinary and/or interdisciplinary Major subject concentrations and meets the requirements in each Major subject as outlined by the department/program.

- **Single Honours:** A student chooses one Honours subject concentration and meets the requirements for the Honours subject as outlined by the department/program.

- **Double Honours:** A student chooses two Honours subject concentrations and meets the requirements in each Honours subject by completing a minimum of 36 credit hours in each Honours subject as outlined by the department/program.

- **Combined Major:** A student chooses to combine courses from two Major concentrations for a single Major by completing a minimum number of credit hours in each subject area. The combined major is available in the 3-Year and 4-Year degrees. It is not available in the Honours degree.

- **Student-Designed Major:** A student, with the assistance of a faculty sponsor, designs an integrated, interdisciplinary major tailored to her/his interests and goals. The courses chosen for the Major relate to a theme or focus, and must reflect both breadth and depth.

The Student-Designed Major is available in the 4-Year and Honours BA and BSc and follows University requirements for those degrees. It is NOT available in the 3-Year degree.

Students interested in pursuing this major should contact the Coordinator of the Flexible Major Program.

- **Thematic Major:** From time to time, interdisciplinary majors designed around a common theme of current interest will become available. See Applied Management Studies (for Great West Life Scholarship recipients) and Human Rights and Global Studies.

**c. Majors leading to Bachelor's Degrees**

**Bachelor of Arts Majors**

Aboriginal Governance (AG)	3-Year, 4-Year, Honours
Anthropology (ANTH)	3-Year, 4-Year, Honours
Applied Computer Science (ACS)	3-Year, 4-Year
Applied Management Studies (for Great West Life Scholarship recipients)	3-Year
Classics (CLAS)	3-Year, 4-Year, Honours
Communications (COMM)	4-Year Joint Diploma/Degree (UW/RRC)
Conflict Resolution Studies (CRS)	3-Year, 4-Year
Criminal Justice(CJ)	3-Year, Honours
Developmental Studies (DEV)	3-Year, 4-Year Joint Diploma/Degree (UW/RRC)
Economics (ECON)	3-Year, 4-Year, Honours
English (ENGL)	3-Year, 4-Year, Honours
Environmental Studies (ENV)	3-Year, 4-Year
French Studies (FREN)	3-Year, 4-Year, Honours
Geography (GEOG)	3-Year, 4-Year, Honours
German Studies (GERM)	3-Year, 4-Year
History (HIST)	3-Year, 4-Year, Honours
History of Art (HISA)	3-Year

**Bachelor of Arts Majors (Cont'd)**

Human Rights and Global Studies (HRGS)	3-Year, 4-Year
Interdisciplinary Linguistics (LING)	3-Year, 4-Year
International Development Studies (IDS)	3-Year, 4-Year, Honours
Kinesiology and Applied Health (KIN)	3-Year, 4-Year
Mathematics (MATH)	3-Year, 4-Year
Philosophy (PHIL)	3-Year, 4-Year, Honours
Politics (POL)	3-Year, 4-Year, Honours
Psychology (PSYC)	3-Year, Honours
Religious Studies (REL)	3-Year, 4-Year, Honours
Rhetoric and Communications (RHET)	3-Year, 4-Year
Sociology (SOC)	3-Year, 4-Year, Honours
Statistics (STAT)	3-Year, 4-Year
Theatre and Film/Dance (THFM & DANC)	3-Year, Honours
Women's and Gender Studies (WGS)	3-Year, 4-Year, Honours

**Bachelor of Science Majors**

Applied Computer Science (ACS)	3-Year, 4-Year, Honours
Bioanthropology (BANT)	3-Year, 4-Year
Biochemistry (BCHM)	3-Year, 4-Year, Honours
Biology (BIOL)	3-Year, 4-Year, Honours, 4-Year Applied (UW/RRC)
Biopsychology (BPSY)	3-Year, Honours
Chemistry (CHEM)	3-Year, 4-Year, Honours, 4-Year Applied (UW/RRC)
Environmental Studies (ENV)	4-Year, 4-Year Applied (UW/RRC)
Kinesiology and Applied Health (KIN)	4-Year
Mathematics (MATH)	3-Year, 4-Year, Honours
Physical Geography (GEOG)	3-Year, 4-Year, Honours
Physics (PHYS)	3-Year, 4-Year, Honours
Statistics (STAT)	3-Year, 4-Year

**Bachelor of Business Administration Majors**

Administrative Studies (AS)	3-Year, 4-Year
Business Administration (BUS)	3-Year, 4-Year

**Bachelor of Education Majors**

Applied Computer Science (ACS)	5 year BEd /BA or BSc
Biology (BIOL)	5 year BEd/BSc
Chemistry (CHEM)	5 year BEd/BSc
English (ENGL)	5 year BEd/BA
French Studies (FREN)	5 year BEd/BA
Geography (GEOG)	5 year BEd /BA or BSc
German Studies (GERM)	5 year BEd/BA
History (HIST)	5 year BEd/BA
Kinesiology & Applied Health (KIN)	5 year BEd/BA
Mathematics (MATH)	5 year BEd/BA or BSc
Physics (PHYS)	5 year BEd/ BSc
Theatre and Film (THFM)	5 year BEd/BA

**4. Bachelor of Arts Degree Requirements**

**a. 3-Year Bachelor of Arts**

The 3-Year Bachelor of Arts degree program provides students with a solid background in the liberal arts and sciences. Program requirements may vary. Students should consult individual department/program entries for specific course and program requirements.

**Graduation Requirement** 90 credit hours

**Residence Requirement**

Degree: Minimum 30 credit hours  
 Major: Minimum 18 credit hours  
 Double Major: Minimum 18 credit hours in each major.  
 Combined Major: Minimum 12 credit hours in each major area.

**General Degree Requirements**

Humanities: 12 credit hours  
 Science: 6 credit hours  
 Writing: Minimum 3 credit hours of Academic Writing.  
 Distribution: Minimum 3 credit hours course in each of five (5) subjects.

Maximum Introductory Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

**Major Requirements**

Single Major: Minimum 30 or 36 credit hours/Maximum 48 credit hours.  
 Double Major: Minimum 30 or 36 credit hours/Maximum 48 credit hours in each major subject as specified by the department/program.  
 Combined Major: Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.

**b. 4-Year Bachelor of Arts**

The 4-Year Bachelor of Arts offers students the advantages of substantial specialization in a major field of study combined with a wide background in the liberal arts and sciences.

Specialization in the subject area is enhanced by a systematic exposure to cognate areas of study.

Program requirements may vary. Students should consult the individual department/program entries for specific course and program requirements.

**Graduation Requirement** 120 credit hours

**Residence Requirement**

Degree: Minimum 60 credit hours

Major: Minimum 30 credit hours  
Double Major: Minimum 30 credit hours in each major.  
Combined Major: Minimum 15 credit hours in each major area.

#### General Degree Requirements

Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Distribution: Minimum 3 credit hours in each of five (5) subjects.  
Maximum Introductory Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

#### Major Requirement

Cognate Courses: Minimum 18 credit hours/Maximum 36 credit hours in related courses from one of several departments/programs. Maximum total of cognate and major courses is 84 credit hours combined.  
Single Major: Minimum 48 credit hours/Maximum 66 credit hours.  
Double Major: Minimum 48 credit hours in each Major subject as specified in the department/program.  
Combined Major: Minimum 60 credit hours from 2 Major subjects with not less than 24 credit hours from each major subject.

#### c. Bachelor of Arts Honours

The Bachelor of Arts Honours offers students the opportunity for intensive study in a major field of study. The Honours program is designed to prepare qualified students for graduate study and to provide understanding of, and qualification in, a given field of study for employment opportunities.

Departmental Honours programs vary. Students should consult the individual department/program for specific course and program requirements.

#### Admission Requirement

Entry after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 in Honours subject courses and 2.5 in Non-Honours subject courses.

The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.5 GPA in all Non-Honours subject courses will be calculated as for a general degree (F's are not included, and in the case of repeated courses, only the highest grade will be used).

**Graduation Requirement** 120 credit hours

#### Residence Requirement

Degree: Minimum 60 credit hours  
Honours Subject: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000), of which a minimum 9 credit hours are at the 4000 level.  
Double Honours: Minimum 30 credit hours, including 18 credit hours at upper level (3000/4000) of which a minimum 9 credit hours are at the 4000 level in each Honours subject.

#### General Degree Requirements

Humanities: 12 credit hours  
Science: 6 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Distribution: Minimum 3 credit hours in each of five (5) subject areas.  
Maximum Introductory Courses: Maximum 42 credit hours at the 1000 level,

including maximum 6 credit hours at the 0000 level.

#### Honours Subject Requirements

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours.

Minimum 30 credit hours in the Honours subject at the upper level (3000/4000) with minimum 15 credit hours in the Honours subject at the 4000 level. (Program requirements may vary from a minimum of 15 credit hours to a maximum of 30 credit hours at the 4000 level).

Double Honours: Minimum 36 credit hours in each Honours subject as specified in each department/program.

A minimum of 24 credit hours above the 2000 level including a minimum of 15 credit hours at the 4000 level in each major.

**Note:** Students not in an Honours Program who wish to register for 4000-level courses designated as Honours courses must seek the permission of the department/program. To qualify, students are normally required to have a minimum GPA of 3.0 based on all attempts in the Honours subject. Students lacking the 3.0 GPA should consult the relevant department/program concerned regarding eligibility.

#### d. 4-Year Bachelor of Arts Joint Degree/Diploma in Communications - UW/RRC

The University of Winnipeg Department of Rhetoric, Writing, and Communications in cooperation with Red River College offer a Joint Degree/Diploma in Communications.

#### Admission Information

Students must apply separately to RRC and the UW. Application to the UW alone does not constitute application to the Joint Program. (See the entry for Department of Rhetoric, Writing, and Communications for additional information).

**Graduation Requirement** 120 credit hours

#### Residence Requirement

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

#### General Degree Requirements

Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.

#### Major Requirements

Minimum 48 credit hours/Maximum 66 credit hours.

#### 5. Bachelor of Science Degree Requirements

##### a. 3-Year Bachelor of Science

The 3-Year Bachelor of Science degree provides students with a solid background in the sciences and liberal arts. Program requirements may vary. Students should consult individual department/program entries for specific course and program requirements.

**Graduation Requirement** 90 credit hours

#### Residence Requirement

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours  
Double Major: Minimum 18 credit hours in each major.  
Combined Major: Minimum 12 credit hours in each major area.

#### General Degree Requirements

Humanities: 12 credit hours  
Science: 18 credit hours as specified by department/program.  
Writing: Minimum 3 credit hours of Academic Writing.  
Distribution: Minimum 3 credit hours in each of five (5) subject areas.

#### Maximum Introductory

Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000



level.

#### **Major Requirement**

- Single Major: Minimum 30 or 36 credit hours/Maximum 48 credit hours.
- Double Major: 30 or 36 credit hours in each Major subject as specified in the department/program.
- Combined Major: Minimum 48 credit hours from 2 different major subjects with not less than 18 credit hours from each major subject.

**Note:** Interdisciplinary Majors may exceed the minimum and maximum credit hours in a major.

#### **b. 4-Year Bachelor of Science**

The 4-Year Bachelor of Science offers students the advantages of substantial specialization in a major field of study combined with a background in the liberal arts and sciences. Program requirements may vary. Students should consult with the individual department/program entries for specific course and program requirements.

**Admission Requirement** 60 credit hours

**Graduation Requirement** 120 credit hours

#### **Residence Requirement**

- Degree: Minimum 60 credit hours
- Major: Minimum 30 credit hours
- Double Major: Minimum 30 credit hours in each major.
- Combined Major: Minimum 15 credit hours in each major area.

#### **General Degree Requirements**

- Humanities: 12 credit hours
- Science: As detailed in each department/program.
- Writing: Minimum 3 credit hours of Academic Writing.
- Distribution: Minimum 3 credit hours in each of five (5) subject areas.

#### **Maximum Introductory**

Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

#### **Major Requirement**

- Single Major: Minimum 48 credit hours/Maximum 78 credit hours.
- Double Major: 30 credit hours in each Major subject as specified in the departments/programs.
- Combined Major: Minimum 60 credit hours from two (2) major subjects with not less than 24 credit hours from each.

**Note:** Interdisciplinary Majors may exceed the minimum and maximum credit hours in a major.

#### **c. Bachelor of Science Honours**

The Bachelor of Science Honours will be conferred on students who have attained an Honours graduation GPA in their program of studies. In some programs, students may be required to complete specifically designated Honours courses. Departmental Honours programs vary. Students should consult the individual department/program for specific course and program requirements.

**Graduation Requirement** 120 credit hours

#### **Graduation GPA Requirement**

The minimum GPA for graduation is 3.0 in Honours subject courses and 2.75 in Non-Honours subject courses.

The minimum 3.0 GPA will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.75 GPA in all Non-Honours subject courses will be calculated as for a general degree (F's are not included, and in the case of repeated courses, only the highest grade will be used).

#### **Residence Requirement**

- Degree: Minimum 60 credit hours
- Honours Subject: Minimum 30 credit hours, including minimum 18 credit hours at the upper level (3000/4000) of which a minimum 9 credit

hours are at the 4000 level.

Double Honours: Minimum 30 credit hours, including 18 credit hours at the upper level (3000/4000) of which a minimum 9 credit hours are at the 4000 level in each Honours subject.

#### **General Degree Requirements**

- Humanities: 12 credit hours
- Science: As detailed in each department/program.
- Writing: Minimum one 3 credit hour course of Academic Writing.
- Distribution: Minimum 3 credit hours in each of five (5) subject areas.

#### **Maximum Introductory**

Courses: Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

#### **Honours Subject Requirement**

- Single Honours: Minimum 54 credit hours
- Minimum 30 credit hours in the Honours subject at the upper level (3000/4000) with minimum 12 credit hours in the Honours subject at the 4000 level.

#### **d. 4-Year Bachelor of Science Applied - UW/RRC**

The 4-Year Joint Bachelor of Science qualifies students for a joint degree parchment from both The University of Winnipeg and Red River College. The joint program offers students a synthesis of theoretically-based and applied studies coupled with a background in the liberal arts and sciences. The program offers students the option of a cooperative or regular stream of studies.

**Graduation Requirement** 120 credit hours

#### **Residence Requirement**

- Degree: Minimum 60 credit hours
- Major: Minimum 30 credit hours

#### **General Degree Requirements**

- Humanities: 12 credit hours
- Science: As detailed in each department/program.
- Writing: Minimum 3 credit hours of Academic Writing.
- Distribution: Minimum 3 credit hours in each of five (5) subject areas.

#### **Maximum Introductory**

Courses: Maximum 42 credit hours at the 1000 level including maximum 6 credit hours at the 0000 level.

#### **Major Requirement**

Minimum 51 credit hours - the courses are listed in the departments offering the majors.

### **6. Bachelor of Business Administration Degree Requirements**

#### **a. 3-Year Bachelor of Business Administration**

The 3-Year Bachelor of Business Administration degree program provides students with a business education as well as a solid background in the liberal arts and sciences. Program requirements may vary. Students should consult individual department/program entries for specific course and program requirements.

**Graduation Requirements** 90 credit hours

#### **Residence Requirement**

- Degree: Minimum 30 credit hours
- Major: Minimum 18 credit hours
- Double Major: Minimum 18 credit hours in each major.
- Combined Major: Minimum 12 credit hours in each major area.

#### **General Degree Requirements**

- Humanities: 12 credit hours
- Science: 6 credit hours
- Writing: Minimum 3 credit hours of Academic Writing.

Distribution:	Minimum 3 credit hours course in each of five (5) subjects.
Maximum Introductory Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.

### Major Requirements

Single Major:	Minimum 36 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 36 credit hours/Maximum 48 credit hours in each major subjects as specified by the department/program.
Combined Major:	Minimum 48 credit hours from 2 different majors with no less than 18 credit hours from each major subject.

### b. 4-Year Bachelor of Business Administration

The 4-Year Bachelor of Business Administration offers students the advantages of substantial specialization in business combined with a wide background in the liberal arts and sciences.

Specialization in the subject area is enhanced by a systematic exposure to cognate areas of study.

Program requirements may vary. Students should consult the individual department/program entries for specific course and program requirements.

**Graduation Requirements** 120 credit hours

#### Residence Requirement

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
Double Major:	Minimum 30 credit hours in each major.
Combined Major:	Minimum 15 credit hours in each major area.

#### General Degree Requirements

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Distribution:	Minimum 3 credit hours course in each of five (5) subjects.

#### Maximum Introductory Courses:

Courses:	Maximum 42 credit hours at the 1000 level, including maximum 6 credit hours at the 0000 level.
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### Major Requirements

Cognate Courses:	Minimum 18 credit hours/Maximum 36 credit hours in related courses from one of several departments/programs.
Single Major:	Minimum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified in the department/program.
Combined Major:	Minimum 60 credit hours from 2 Major subjects with no less than 24 credit hours from each major subject.

## 7. Bachelor of Education Degree Requirements

### a. Integrated BEd/BA or BSc

#### Admission Information

Space in the Integrated BEd/BA or BSc Degree program is limited, and not all eligible applicants may be admitted.

Students must meet Regular or Mature Status admission requirements as detailed in *Admission and Readmission*.

Students currently registered in a BA or BSc program may apply to the Integrated program with advanced standing.

The Education Selection Committee will select students on the basis of their academic qualifications and their admissibility to the program.

Students accepted to the program will be required to complete a Self-Declaration form related to Adult Criminal Records.

Students are admitted to the program for studies commencing in the Fall term.

With the exception of the courses listed below, all Education courses can be used as credit towards an Arts or Science degree:

EDUC-2512(1)	Learning Theory Practicum
EDUC-3811(1.5)	Teaching/Learning and the K-8 Curriculum Practicum
EDUC-4835(1)	- EDUC-4842(3) EY C, I & A (all areas)
EDUC-4843(1)	- EDUC-4850(3) MY C, I & A (all areas)
EDUC-4851(1)	Professional Development Workshop
EDUC-4852/5	- EDUC-4870(3), EDUC-4890(3) SYC, I & A (all areas)
EDUC-4872(2.5)	- EDUC-4884(3), EDUC-4891(3) Practicum Blocks
EDUC-4885(1)	Capstone

#### Graduation Requirements

150 credit hours which meet all requirements of the Integrated BEd /BA or BSc Program

#### Residence Requirement

Minimum:	84 credit hours
BA/BSc:	Minimum 30 credit hours
BEd:	Minimum 54 credit hours, which must include all practicum and curriculum, instruction and assessment courses.

Teachable major: Minimum 18 credit hours

#### General Degree Requirements

Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum one 3 credit hour course of Academic Writing.

Maximum credit hours below 2000 level

Maximum 42 credit hours may be below the 2000 level.

Maximum 6 credit hours of the 42 credit hours may be below the 1000 level.

#### Arts or Science Major Requirement

Minimum: 30 credit hours in a major leading to a BA or BSc Degree

#### Education Major Requirement

##### Senior Years Stream

30 credit hours in a major teachable area (see tables in Education).

**Note:** In some cases, the major teachable area can be fulfilled by the Arts or Science major. However, some Arts or Science majors are not considered teachable areas.

##### Early, Early/Middle, and Middle Years Streams

18 credit hours in a major teachable area (see tables in Education). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

#### Education Minor Requirement

##### Senior Years Stream

18 credit hours in a minor teachable area (see tables in Education). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

##### Early, Early/Middle, and Middle Years Streams

12 credit hours in a major teachable area (see tables in Education). These 12 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

#### Note: All Streams

The major and minor must be selected from two different teaching areas.

**Distribution Requirement:** Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of

- 6 credit hours in English literature or French literature courses (courses in Rhetoric, Writing, and Communications cannot be used toward the English

- requirement)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- 9 credit hours in total of Science and Math (only Biology, Chemistry, or Physics courses can be used toward the Science requirement. Statistics courses cannot be used to fulfill the Math requirement.) Students must have either 6 credit hours in Science and 3 credit hours in Math, or 3 credit hours in Science and 6 credit hours in Math.
- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement.

**b. Requirements for BA or BSc Graduates to Obtain the BEd Degree (After Degree Program)**

**Admission Requirements**

-Space in the After Degree BEd Program is limited, and not all eligible applicants may be admitted.

-All applicants must have completed a first undergraduate degree (minimum 90 credit hours), with appropriate course work completed in a major teachable area and a minor teachable area. As well, applicants to the Early, Early/Middle or Middle Years stream must have completed a Distribution Requirement as outlined below.

-Students accepted to the program will be required to complete a Self Declaration form related to adult criminal records.

-Students are admitted to the program for studies commencing in the Fall term.

**Education Major Requirement**

**Senior Years Stream**

30 credit hours in a major teachable area (see tables in *Education*)

**Note:** In some cases, the major teachable area can be fulfilled by the Arts or Science major. However, some Arts or Science majors are not considered teachable areas.

**Early, Early/Middle, and Middle Years Streams**

18 credit hours in a major teachable area (see tables in *Education*). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

**Education Minor Requirement**

**Senior Years Stream**

18 credit hours in a minor teachable area (see tables in *Education*). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

**Early, Early/Middle, and Middle Years Streams**

12 credit hours in a major teachable area (see tables in *Education*). These 12 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

**Note: All Streams**

The major and minor must be selected from two different teaching areas.

**Distribution Requirement:** Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of

- 6 credit hours in English literature or French literature courses (courses in Rhetoric, Writing, and Communications cannot be used toward the English requirement)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- 9 credit hours in total of Science and Math (only Biology, Chemistry, or Physics courses can be used toward the Science requirement. Statistics courses

cannot be used to fulfill the Math requirement.) Students must have either 6 credit hours in Science and 3 credit hours in Math, or 3 credit hours in Science and 6 credit hours in Math.

- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement.

**Graduation Requirement**

Minimum 150 credit hours between the two degrees.

Minimum 60 credit hours to complete the BEd Degree.

**Residence Requirement**

Degree: Minimum 48 credit hours, including all practicum and curriculum, instruction and assessment courses

**c. Requirements for the Integrated BEd/BA or BSc Joint UW/RRC Business Teacher Education, Industrial Arts/Technology Teacher Education or Aboriginal Language Teacher Education Program:**

**Admission Information**

Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by The University of Winnipeg, students must submit their application to The University of Winnipeg.

Students must meet Regular or Mature status admission requirements.

Students currently registered in a BA or BSc program, or students who have completed a first undergraduate degree, may apply to the Joint UW/RRC program with advanced standing.

The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program. Students accepted to the program will be required to complete a Self-Declaration form related to Adult Criminal Records.

Students are admitted to the program for studies commencing in the Fall term.

**Graduation Requirement**

150 credit hours which meet all requirements for the Integrated BEd/BA or BSc Joint UW/RRC Business Teacher Education or Industrial Arts/Technology Teacher Education Program or the Aboriginal Language Stream Program.

**Residence Requirement**

Minimum: 84 credit hours in course work taken at UW and RRC; minimum 48 credit hours taken at UW

BA/BSc: Minimum 30 credit hours

BEd: Minimum 54 credit hours in Education course work taken at UW and RRC; minimum 18 credit hours taken at UW, which must include all practicum and curriculum, instruction and assessment courses in the teachable major.

Teachable major: Minimum 18 credit hours

**General Degree Requirements**

Major: Minimum 30 credit hours in a teachable subject.

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Writing: Minimum one 3 credit hour course of Academic Writing.

Maximum credit hours below the 2000 level:

Maximum 42 credit hours may be below the 2000 level.

Maximum 6 credit hours of the 42 credit hours may be below the 1000 level.

**d. Requirements for the Joint UW/RRC Vocational Teacher Education Program**

**Admission Information**

Students must have successfully completed the RRC Vocational Teacher Education Diploma before being admitted to the UW BEd Program

Students must meet Regular or Mature status admission requirements.

Students accepted to the program will be required to complete a Self-Declaration form related to Adult Criminal Records.

Students are admitted to the program for studies commencing in the Fall term.

### Graduation Requirement

Minimum 150 credit hours in RRC transfer credits and UW credits which meet all requirements for the five year Bachelor of Education Degree. Students may receive up to 90 credit hours of transfer credits, and will normally be required to complete 60 credit hours at UW.

<b>Residence Requirement</b>	Minimum 30 credit hours
<b>General Degree Requirements</b>	
Teachable Minor:	Minimum 18 credit hours
Professional/Support Courses:	Minimum 30 credit hours, which may include some specific courses.
General Electives:	To bring total UW credits to 60 credit hours.

## 8. Second Bachelor Degree Requirements

This Section outlines the regulations specific to students seeking a second or simultaneous University of Winnipeg Arts, Science, Business Administration, or Education degrees.

### a. University of Winnipeg Students seeking two from an Arts, Science or Business Administration degree.

#### Note: Limitations to a student seeking two University of Winnipeg degrees

The University does not admit one of its graduates to the same degree a second time.

- students who qualify for the Honours BA or the 4-Year BA or BBA after having been granted the 3-Year BA must relinquish the earlier degree.
- students who qualify for the 4-Year BSc or the Honours BSc after having been granted the 3-Year BSc must relinquish the earlier degree.
- students may not seek both a BA and a BSc when the major field of study resides in the same department or program.

#### • Two 3-Year Degrees

When the two degrees sought are 3-Year degrees, the student must fulfil:

- a Residence Requirement of 60 credit hours between the two degrees;
- the Major Residence Requirement specified for each degree;
- a total minimum of 120 credit hours between the two degrees with no more than 42 credit hours numbered below the 1000 level;
- all other Degree, Course, Major and Performance Requirements specific to each of the degrees being sought.

#### • A 4-Year and another Degree

When the two degrees sought are either a 3-Year and a 4-Year OR two 4-Year degrees the student must fulfil:

- a Residence Requirement of 90 credit hours between the two degrees;
- the Major Residence Requirement specified for each degree;
- a total minimum number of 150 credit hours between the two degrees with no more than 42 credit hours numbered at or below the 1000 level;
- all other Degree, Honours, Course, Major and Performance Requirements specific to each degree being sought.

#### • A BSc (3- or 4-Year) Degree and a BA (Honours) Degree

When the two degrees being sought are either a 3-Year BSc and an Honours BA OR a 4-Year BSc and a Honours BA the student must fulfil:

- a Residence Requirement of 90 credit hours between the two degrees;
- the Major Residence Requirement specified for each degree;
- a total minimum number of 150 credit hours between the two degrees with no more than 42 credit hours numbered at or below the 1000 level;
- all other Degree, Honours, Course, Major and Performance Requirements specific to each of the degrees being sought.

### b. Graduates of other Institutions Seeking a Second Arts, Science or Business Administration degree

#### Note: Limitations to a student seeking a second degree at The University of Winnipeg

Students seeking a second degree at the same level as their first degree are required to fulfil a Major in an area other than the Major area of study in their first degree.

- students with a first degree at the 3-Year level may advance to a 4-Year or Honours level in the same major field of study as their first degree.
- students seeking to advance to a degree at the Honours level must qualify for entrance into the Honours Program.

#### • 3-Year as the Second Degree

When the second degree sought is a 3-year degree, the student must fulfil:

- the 30 credit hours University Residence Requirement with courses at or above the 2000 level;
- the Major Residence Requirement of 18 credit hours at or above the 2000 level;
- a total minimum number of 120 credit hours between the first and the second degree;
- all Degree, Major, Course, and Performance Requirements specific to the degree being sought.

#### • 4-Year as the Second Degree

When the second degree sought is a 4-year degree, the student must fulfil:

- the 60 credit hours Residence Requirement, 30 credit hours of which must be at or above the 2000 level;
- the Major Residence Requirement of 18 credit hours at or above the 2000 level;
- a total minimum number of 150 credit hours between the first and the second degree;
- all other Degree, Course, Major and Performance Requirements specific to the degree being sought.

#### • Honours as the Second Degree

When the second degree sought is an Honours degree, a student must fulfil:

- the 60 credit hours Residence Requirement, 30 credit hours of which must be in courses at or above the 2000 level;
- the Major Residence Requirement for Honours or Double Honours, as specified for each degree;
- a total minimum of 150 credit hours between the first and second degree;
- all other Degree, Course, Major and Performance Requirements specific to the Honours degree sought.

### c. University of Winnipeg 4-Year BEd Graduates Seeking a Second Degree

#### • University of Winnipeg 4-Year BEd Graduates Seeking a 3-Year BA, BSc, or BBA.

Students must complete a minimum of 30 additional credit hours for the second degree thereby presenting a minimum number of 150 credit hours in total.

- A minimum of 66 (36 credit hours for the 4-Year BEd, 30 credit hours for the BA, BSc, or BBA) credit hours must be credits earned through University of Winnipeg courses.
- Students must fulfil all Degree, Major, Course and Performance Requirements for the degree being sought (e.g., Humanities and Science Requirements).
- A maximum of 42 credit hours in Arts, Science and Business

courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students may major in the same subject as a teaching area.

• **University of Winnipeg 4-Year BEd Graduates Seeking a 4-Year or Honours BA or BSc**

Students must complete a minimum of 60 additional credit hours for the second degree thereby presenting a minimum number of 180 credit hours in total.

- A minimum of 96 (36 credit hours for the 4-Year BEd, 60 credit hours for the 4-Year or Honours BA, BSc or BBA) credit hours must be credits earned through University of Winnipeg courses.

- Students must fulfil all Degree, Major, Course and Performance Requirements for the degree being sought (e.g., Humanities and Science Requirements).

- A maximum of 42 credit hours in Arts and Science courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students may major in the same subject as a teaching area.

**d. Integrated BEd/BA or BSc Program (Includes Joint UW/RRC Business Teacher Education and Industrial/Arts Teacher Education Programs)**

• **University of Winnipeg Students Seeking a BEd and a 3-Year BA or BSc Simultaneously (Integrated BEd/BA or BSc)**

Students must present a minimum of 150 credit hours total for the two degrees which must include 120 credit hours meeting all BEd degree requirements and 90 credit hours meeting all BA and BSc requirements (60 credit hours are shared between the two degrees).

- A minimum of 84 credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- Students must fulfil all Degree, Major, Course and Performance Requirements for the degree being sought (e.g., Humanities and Science Requirements).

- A maximum of 42 credit hours in Arts and Science courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students can have a major and a teaching area in the same field.

• **University of Winnipeg Students Seeking a BEd and a 4-Year or Honours BA or BSc Simultaneously**

Students must present a minimum of 180 credit hours total for the two degrees which must include 120 credit hours meeting all BEd degree requirements and 90 credit hours meeting all BA and BSc requirements (60 credit hours are shared between the two degrees).

- A minimum of 114 credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- Students must fulfil all Degree, Major, Course and Performance Requirements for the degree being sought (e.g., Humanities and Science Requirements).

- A maximum of 42 credit hours in Arts and Science courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students can have a major and a teaching area in the same field.

e. **University of Winnipeg Integrated BEd/BA or BSc Graduates Seeking a Third Degree (Includes Joint UW/RRC Business Teacher Education and Industrial/Arts Teacher Education Graduates)**

**Note: Limitations to a student seeking more than one University of Winnipeg degree:**

The University does not admit one of its graduates to the same degree a second time.

- Students who qualify for the Honours BA or the 4-Year BA or BBA after having been granted the 3-Year BA or BBA must relinquish the earlier degree.

- Students who qualify for the Honours BSc or the 4-Year BSc after having been granted the 3-Year BSc

• **University of Winnipeg Graduates of the Integrated BEd/BA or BSc program seeking a second 3-Year Bachelor's Degree**

Students must present a minimum of 180 credit hours total for the three degrees which must include 120 credit hours meeting all BEd degree requirements, 90 credit hours meeting all BA requirements, and 90 credit hours meeting all BSc requirements (60 credit hours are shared between the three degrees)

- A minimum of 114 credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- Students must fulfil all Degree, Major, Course and Performance Requirements for the degree being sought (e.g., Humanities and Science Requirements).

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students can have a major and a teaching area in the same field.

• **University of Winnipeg Graduates of the Integrated BEd/BA or BSc program seeking a second 4-Year Bachelor's Degree**

Students must present a minimum of 210 credit hours total for the three degrees which must include 120 credit hours meeting all BEd degree requirements, 90 credit hours meeting all requirements of the 3-year degree, and 120 credit hours meeting all requirements of the 4-Year degree (60 credit hours are shared between the three degrees)

- A minimum of 144 credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- Students must fulfil all Degree, Major, Course and Performance Requirements for the degree being sought (e.g., Humanities and Science Requirements).

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students can have a major and a teaching area in the same field.

f. **After Degree BEd Programs**

• **University of Winnipeg 3-Year BA, BSc or BBA Graduates Seeking a BEd Degree**

Students must complete a minimum of 60 credit hours above those required for the first degree thereby presenting a minimum number of 150 credit hours in total.

- A minimum of 78 (30 credit hours for the first degree, and 48 credit hours of Education courses) credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum

6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students can have a major and a teaching area in the same field.

• **University of Winnipeg 4-Year or Honours BA, BSc or BBA Graduates Seeking a BEd Degree**

Students must complete a minimum of 60 credit hours above those required for the first degree thereby presenting a minimum number of 180 credit hours in total.

- A minimum of 108 (60 credit hours for the first degree, and 48 credit hours of Education courses) credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students can have a major and a teaching area in the same field.

• **Students with a First Degree from Another University Seeking a BEd Degree at the University of Winnipeg:**

Students must complete a minimum of 60 credit hours above those required for the first degree.

- A minimum of 48 credit hours must be credits earned through University of Winnipeg courses.

- Normally, the core of required professional courses must be completed at The University of Winnipeg.

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students must fulfil all Degree, Course and Performance Requirements.

- Students can have a major and a teaching area in the same field.

**g. Students with a BEd Degree from Another University**

• **Students with a BEd Degree from Another University Seeking a 3-Year BA, BSc or BBA from the University of Winnipeg**

Students must complete a minimum of 30 credit hours above those required for the first degree thereby presenting a minimum number of 150 credit hours in total.

- A minimum of 30 credit hours must be credits earned through University of Winnipeg courses.

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students must fulfil all Degree, Course and Performance Requirements.

- Students can have a major and a teaching area in the same field.

• **Students with a BEd Degree from Another University Seeking a 4-Year or Honours BA, BSc or BBA from the University of Winnipeg**

Students must complete a minimum of 60 credit hours above those required for the first degree thereby presenting a minimum number of 180 credit hours in total.

- A minimum of 60 credit hours must be credits earned through University of Winnipeg courses.

- A maximum of 42 credit hours in Arts, Science and Business courses may be below the 2000 level in the two degrees; maximum 6 credit hours out of the 42 credit hours can be below the 1000 level.

- Students must fulfil all Degree, Course and Performance Requirements.

- Students can have a major and a teaching area in the same field.

# IX

## Departments and Programs Major and Course Descriptions

### 1. User's Guide

- a. Introduction
- b. Key to Course Numbers
- c. Course Levels
- d. Course Weight and Value

### 2. Professional and Applied Studies

### 3. Department and Program Index

Aboriginal Governance (AG)	Education (EDUC)	Modern Languages and Literatures (MOD)
Aboriginal Languages (ABOR)	English (ENGL)	Philosophy (PHIL)
Anthropology (ANTH)	Environmental Studies (ENV)	Physics (PHYS)
Applied Computer Science (ACS)	French Studies (FREN)	Politics (POL)
Applied Management Studies (for Recipients of the Great-West Life Scholarship) (AMS)	Geography (GEOG)	Psychology (PSYC)
Bioanthropology (BANT)	German-Canadian Studies (GCS)	Religious Studies (REL)
Biochemistry (BCHM)	German Studies (GERM)	Rhetoric, Writing, and Communications (RHET)
Biology (BIOL)	History (HIST)	Sociology (SOC)
Biopsychology (BPSY)	History of Art (HISA)	Spanish Studies (SPAN)
Business and Administration (BUS)	Human Rights and Global Studies (HRGS)	Statistics (STAT)
Chemistry (CHEM)	International Development Studies (IDS)	Theatre and Film (THFM)
Classics (CLAS)	Italian Studies (ITAL)	Theatre and Film/Dance (DANC)
Conflict Resolution Studies (CRS)	Kinesiology and Applied Health (KIN)	Urban and Inner City Studies (UIC)
Criminal Justice(CJ)	Linguistics, Interdisciplinary (LING)	Women's and Gender Studies (WGS)
Developmental Studies (DEV)	Mathematics (MATH)	
Economics (ECON)	Mennonite Studies (MENN)	

### 1. User's Guide

#### a. Introduction

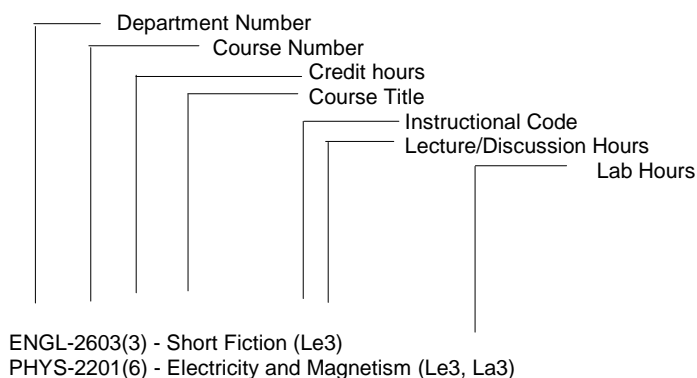
This section provides comprehensive information on degree and major requirements and a listing and short description of all courses offered at The University of Winnipeg.

Each department/program is listed alphabetically and presents information in the following order:

- Department/program title and code
- List of faculty members
- Degree/programs offered
- Information about the discipline and career opportunities
- Tables listing the requirements for each degree/diploma
- General Information about courses
- A list of all courses offered in the department/program
- Course descriptions for each department/program

**Not all courses listed in the Calendar are offered every year. Students should consult the Timetable for courses offered during the coming term(s).**

## b. Key to Course Descriptions



### Instructional Code Designations:

Le	Lecture/Discussion	P	Project/Thesis
La	Lab	V	Variable meeting hours
S	Seminar/Discussion	A	Apprenticeship/Internship/Practicum
D	Directed Reading		
T	Tutorial		

## c. Course Levels

Courses at The University of Winnipeg are numbered according to the following conventions:

- 0000(x) These courses are elementary courses and are offered on a limited basis. Six(6) credit hours of a 0000 level course may be used towards a degree but may not be used towards fulfilling University of Winnipeg distribution, Humanities, Science or Social Science requirements.
- 1000(x) These are introductory courses, normally presented in a lecture format. The courses may require a high school prerequisite. A maximum of 42 credit hours of 1000 level course may be used towards a degree. The 42 credit hours may include a maximum of 6 credit hours at 0000 level.
- 2000(x) These are courses at the second year level and are normally presented in a lecture/discussion format. Second year courses may have first-year prerequisites.
- 3000(x) These courses are upper-level courses, often dealing with specialized topics. They are normally presented in a lecture/seminar format but may also be tutorials or projects. Many courses at this level have 1000-and/or 2000-level course prerequisites.
- 4000(x) These courses are normally required for Honours and 4-Year degrees and are highly specialized. They are normally presented as seminars, tutorials, thesis or projects but may also be offered in a lecture format. Entry into 4000-level courses normally requires the permission of a department or program.
- 5000(x) These courses are designed variously for the pre-Master's, Post-Baccalaureate, or Post-Graduate level.
- 7000(x) These courses are graduate courses acceptable in the graduate program offering them.

## d. Course Weight and Value

The credit value of a course can range from 1 credit hour to 12 credit hours or more. The credit hours assigned to each course are designated as (6), (3), (1.5), etc. The meeting hours of a class vary according to the credit assigned.



# PROFESSIONAL AND APPLIED STUDIES

## INTRODUCTION

The University of Winnipeg offers studies in a variety of professional and applied areas. These include specialized courses related to the specific professional/applied areas integrated with a strong liberal arts and science foundation.

## PROFESSIONAL STUDIES

Bachelor of Education Program (integrated with BA or BSc)  
Degree/Diploma Program in Developmental Studies/Early Childhood Education (UW/RRC/CUSB)

## APPLIED STUDIES IN A 3-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Degree/Diploma Program in Business Administration (UW/RRC)

## APPLIED STUDIES IN A 4-YEAR BACHELOR OF ARTS DEGREE

Degree/Diploma Program in Communications (UW/RRC)

## APPLIED STUDIES IN A 4-YEAR BACHELOR OF SCIENCE DEGREE

Applied Biology (UW/RRC)  
Applied Chemistry (UW/RRC)  
Environmental Studies (UW/RRC)

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## PROFESSIONAL STUDIES

Professional Studies programs culminate in one of the University's degrees. In addition, students awarded the degrees are recommended to the appropriate professional body for certification.

### THE BACHELOR OF EDUCATION PROGRAM

The University of Winnipeg's Faculty of Education currently offers two routes to prepare students for the teaching profession: an Integrated BEd/BA or BSc program and a two-year After-Degree program. Students in each of these programs can choose to prepare for teaching in the early, middle or senior levels of the educational system. Upon successful completion of their program, students are recommended for permanent certification as teachers in the province of Manitoba. In conjunction with Red River College, The University of Winnipeg offers an Integrated BEd/BA or BSc program to prepare Aboriginal language, Business, or Industrial Arts Technology, or Vocational Education teachers. The University offers a 5-year integrated BEd/BA program for residents of the inner city. In partnership with Seven Oaks and Winnipeg School Divisions, the University offers a specialized BA/BEd program for Aboriginal people who are working as teacher aides.

**Details of the program may be found in the Education section of the calendar.**

### JOINT 3-YEAR DEGREE/2-YEAR DIPLOMA DEVELOPMENTAL STUDIES/EARLY CHILDHOOD EDUCATION-The University of Winnipeg (UW) and Red River College (RRC)or Collège Universitaire de Saint-Boniface (CUSB)

The Developmental Studies-Early Childhood Education Program is a four-year long professional program designed to prepare students to be early childhood educators. Students in the program complete coursework at The University of Winnipeg (UW) and either Red River College (RRC) or Collège Universitaire de Saint-Boniface (CUSB). Students may begin at either UW or a designated college. Graduates receive both a 2-year Diploma in Early Childhood Education from the college institution and a 3-year BA in Developmental Studies from UW. Additionally, they are eligible for Early Childhood Educator III certification from Manitoba Family Services and Housing, Manitoba Child Care Program. **Details of the Developmental Studies Program may be found in Stream C of the Developmental Studies section of the calendar.**

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## APPLIED STUDIES IN A 3-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

### 3-YEAR DEGREE ADMINISTRATIVE STUDIES (The University of Winnipeg and Red River College)

The University of Winnipeg offers a cooperative program with Red River College which draws on the strengths of both institutions. Graduates receive both a Diploma in Business Administration from RRC and a 3-Year Bachelor of Business Administration from The University of Winnipeg.

This program combines specific practical training with business case studies. Students are admitted to the program after completion of the RRC diploma. They enrol at The University of Winnipeg for the final two years of study, and receive credit for courses successfully completed at RRC. **Details of the program may be found in the Business and Administration section of the calendar.**

## APPLIED STUDIES IN A FOUR-YEAR BACHELOR OF ARTS DEGREE

### 4-YEAR JOINT COMMUNICATIONS DEGREE/DIPLOMA (The University of Winnipeg and Red River College)

The University of Winnipeg offers a combined degree/diploma program in Communications in cooperation with Red River College. Generally, students begin at the University of Winnipeg, completing at least 60 credit hours before proceeding to Red River, where they take the two-year Creative Communications Program. The final 12 credit hours of University of Winnipeg courses must be taken during these two years at Red River College if the student wishes to graduate within four years; otherwise, these credit hours may be completed before or after attending Red River College. Students are granted block transfer of 48 credit hours for their Creative Communications Diploma and granted a BA in Communications once they have received their diploma and completed the prescribed 72 credit hours of study at the University of Winnipeg. **Details of this Program may be found in the Rhetoric, Writing, and Communications section of the calendar.**

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## APPLIED STUDIES IN A FOUR-YEAR BACHELOR OF SCIENCE DEGREE

The University of Winnipeg and Red River College have entered into an agreement to provide programs in applied studies in Biology, Chemistry, and Environmental Studies which meet the requirements of the 4-Year BSc degree. The joint degree program requires students to take courses at both institutions in a prescribed sequence. Students who successfully complete the entire program receive a joint degree parchment from The University of Winnipeg and Red River College.

### APPLIED BIOLOGY

Applied Biology addresses the need for qualified biotechnologists in Manitoba. The area of study is directed towards an education in biochemistry and cellular biology. Biotechnologists must not only have the basic lab skills required for the job, but also the theoretical background to be able to expand the investigation, to troubleshoot, or to take a leadership role in the lab. These skills are greatly improved by combining the specialties of both Red River College and The University of Winnipeg. When this area of study is coupled with the liberal studies component of the program, students are assured of a flexibility that will permit success in an ever-changing job market. Graduates will find employment in such research facilities as the Freshwater Institute, the Department of Agriculture, health care, food science, the Rh lab, etc. **Details of the program may be found in the Biology section of the calendar.**

### APPLIED CHEMISTRY

Applied Chemistry allows the student to develop a sound background in the fundamentals as well as the practical "hands-on" in the laboratory. The area of study is designed to make use of the resources of both The University of Winnipeg and Red River College. Examples of positions in Manitoba which use chemical laboratory skills include the pharmaceutical industry (Apotex, Cangene, Biovail); the food industry (Agra Foods International, CanAmera Foods, McCain's); agriculture (Canadian Grain Commission, Department of Agriculture); and environmental testing (Manitoba Hydro, City of Winnipeg, Freshwater Institute, Laidlaw, BFI Waste Systems, Enviro-Test Laboratories). **Details of the program may be found in the Chemistry section of the calendar.**

### APPLIED ENVIRONMENTAL STUDIES

Applied Environmental Studies provides a unique opportunity in Manitoba for students to gain theoretical knowledge, applied skills, and a liberal studies background in environmental science. The program has been designed specifically to prepare students for careers in industry where practical skills, technical knowledge, critical thinking, and problem-solving skills are essential. Students take courses at both The University of Winnipeg and Red River College in either the four-year or five-year version of the program. **Details of the program may be found in the Environmental Studies section of the calendar.**

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### **ABORIGINAL GOVERNANCE (AG)**

AG-4020  
Indigenous Governance &  
Self Determination

(Le3) In international law, all peoples have the right to be self governing. Colonial nations have denied indigenous peoples this right by refusing to recognize them as distinct "peoples". Indigenous nations are working to assert their rights, especially the right to self-government and/or self determination. This course will focus on the concept and practice of Indigenous governance. Beginning with the systematic colonial undermining of indigenous rights we will examine the political, legal and economic struggle of indigenous nations to re-establish and reassert historic rights in the face of national governments that have their own agendas for Indigenous politics. Additional requirements for 7000 level.

**Additional Requirements:** Department permission required for all students.

**Restriction:** Students can not receive credit for both AG-4020 and AG-7020.

AG-4021  
Pathways to Indigenous  
Wisdom

(S3) This course provides theoretical and practical grounding in Indigenous perspectives of governance based on the teachings and philosophies of Indigenous peoples in the central area of Turtle Island (North America) The course is taught by Elders who are experts in their respective nation's governance systems. Additional requirements for 7000 level.

**Additional Requirements:** Department permission required for all students.

**Restrictions:** Students cannot receive credit for both AG-4021 and AG-7021.

AG-4022  
Indigenous Research  
Methods

(S3) Depending on how it is undertaken, research can be a tool for the colonizer, or it can be used for decolonization and self-determination. Once we are able to recognize the illusions of "neutrality" and "objectivity" in traditional social science research, we can begin to consider practical, ethical and indigenously centered methodological frameworks. This seminar includes a survey of the literature on indigenous centered research methods and provide students with the basic tools and methods for conducting ethical and empowering in indigenous communities. Additional requirements for 7000 level.

**Additional Requirements:** Department permission required for all students.

**Restrictions:** Students cannot receive credit for both AG-4022 and AG-7022.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

AG-7020  
Indigenous Governance

(Le3) In international law, all peoples have the right to be self governing. Colonial nations have denied indigenous peoples this right by refusing to recognize them as distinct "peoples." Indigenous nations are working to assert their rights, especially the right to self-government and/or self determination. This course will focus on the concept and practice of Indigenous governance. Beginning with the systematic colonial undermining of indigenous rights we will examine the political, legal and economic struggle of indigenous nations to re-establish and reassert historic rights in the face of national governments that have their own agendas for Indigenous politics. Additional requirements for 7000 level.

**Additional Requirements:** Department permission required for all students.

**Restrictions:** Students cannot receive credit for both AG-4020 and AG-7020.

AG-7021  
Indigenous Pathways to  
Wisdom

(S3) This course provides theoretical and practical grounding in Indigenous perspectives of governance based on the teachings and philosophies of Indigenous peoples in the central area of Turtle Island (North America) The course is taught by Elders who are experts in their respective nation's governance systems. Additional requirements for 7000 level.

**Additional Requirements:** Department permission required for all students.

**Restrictions:** Students cannot receive credit for both AG-4021 and AG-7021.

AG-7022  
Indigenous Research Method

(S3) Depending on how it is undertaken, research can be a tool for the colonizer, or it can be used for decolonization and self-determination. Once we are able to recognize the illusions of "neutrality" and "objectivity" in traditional social science research, we can begin to consider practical, ethical and indigenously centered methodological frameworks. This seminar includes a survey of the literature on indigenous centered research methods and provide students with the basic tools and methods for conducting ethical and empowering in indigenous communities. Additional requirements for 7000 level.

**Additional Requirements:** Department permission required for all students.

**Restrictions:** Students cannot receive credit for both AG-4022 and AG-7022.

### **APPLIED COMPUTER SCIENCE (ACS)**

ACS-7101  
Advanced Data Structures  
and Algorithms for ACS

(Le3) This course examines methods for designing efficient data structures and algorithms as signature trees, suffix trees, compressed transitive closures, and algorithms for tree inclusion, tree matching, linear-time suffix tree construction, as well as arc consistency problem. Other topics include problems in specialized databases such as Web and Document, DNA and Deductive Databases.

## **University of Winnipeg 2009-2010 Fall & Winter Experimental Courses**

ACS -7102 Web and Document Databases	(Le3) The focus of this course is the in-depth study of research issues associated with specialized databases-web and document databases. Emphasis is placed on examining basic theoretic issues such as system architectures, data storage and data retrieval. Other topics include specific methodology related to DNA databases.
ACS-7103 Semantic Web	(Le3) This course examines current issues related to the next generation of the World Wide Web: the Semantic Web that is intended to covert the Web into a more usable and useful globally linked database. Topics comprise document markup languages, access privileges, business rules, and processing models for managing data. A typical project involves the design and implementation of an application for managing semi-structured data using XML technologies.
ACS-7202 Granular Computing: Foundations and Applications	(Le3) This course examines granular computing as a framework of theories, methodologies, techniques, and tools that make use of information granules in the process of problems solving. Granular computing has a significant impact on the design and implementation of intelligent systems. Emphasis is placed on the study of the theory of rough and fuzzy sets. Applications of these theories are also explored. This course also examines social issues that arise from application of these theories in selected domain.
ACS-7203 Pattern Recognition	(Le3) This course gives students an overview of classification techniques. It covers methods from linear classifiers to nonparametric techniques. Feature generation, selection, and extraction techniques are examined. Both supervised and unsupervised learning methods are discussed.
ACS-7301 The Implementation and Impact of Peer-T	(Le3) Peer-to-peer systems have become cheap, effective, and important mechanism for world-wide content delivery. These systems represent the changing face of technology and are an excellent catalyst for addressing today's technology related issues. This course examines the foundations, implementations, and characteristics of various peer-to-peer systems. Topics include the formation, structures, maintenance, purpose, and function of peer-to-peer systems, as well as their commonalities and differences. Secondly, this course examines the social issues that arise from the manner in which peer-to peer systems are structured and used, such as copyright, anonymity, privacy, and security.
ACS-7302 Global Software Project Management	(Le3) This course identifies and addresses the social, organizational and technical issues in managing global software projects. Its topics include communications and coordination in a distributed environment; critical success factors; global project management framework; generic design (void of nationalities) and local design (with target culture); and evaluation criteria of the perceived effectiveness of various global project management strategies. The course incorporates both theory and practice, including case studies from international software development companies. Students are expected to participate in research to enrich the course material.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

ACS-7500  
Graduate Thesis

(P) This course is designed for thesis under the supervision of a faculty member. Students are expected to prepare a thesis proposal in consultation with their thesis supervisor. Upon approval of the planned thesis topic, students must prepare a thesis document and defend their thesis in an open oral defense in the presence of a thesis committee.

### **ANTHROPOLOGY (ANTH)**

ANTH-2221  
Archaeology of the Holy  
Lands

(Le3) This course traces the development of archaeology of the Holy Land (i.e. the Syrio-Palestinian region), focusing on sites and remains from Neolithic period (ca. 8500 B.C.) to the Byzantine period (ca. 330 A.D.) Emphasis is placed on techniques of recovering ancient remains on the interpretation of artifacts, including those associated with biblical and other textual sources from ancient Near Eastern cultures.

### **BUSINESS & ADMINISTRATION (BUS)**

BUS-3120  
Canadian Taxation

(Le3) This course deals with the applications of federal and provincial income tax regulations and their impact on corporations, businesses, and individuals. Problems, issues, and planning associated with the Income Tax Act are examined. The computation of taxable income and taxes payable by individuals, corporations, partnerships and trusts are also studied.

**Prerequisites:** BUS-2003 with a minimum grade of C+.

BUS-4540  
International Marketing

(Le3) This Theory-and research-based course provides students with an understanding of concepts associated with international marketing and builds on the existing knowledge of marketing and consumer behaviour. Topics include the role of international marketing in promoting consumer and industrial products in both developed and emerging markets. The group term-project for this course is based on research that recommends appropriate international marketing strategies for a given country.

**Prerequisites:** BUS-3240 with a minimum grade of C.

### **BIOLOGY (BIOL)**

BIOL-3112  
Ecology and Evolution of  
Mammals

(Le3,La3) The ecology and evolution of living mammals is examined by considering aspects of their evolutionary history, behaviour and ecology, drawing comparisons with other vertebrate groups. Lab exercises expose students to a variety of methods used in research on mammals (e.g., analysis of carnivore diet, acoustic analysis, behavioural research, radio-telemetry). Guest presentations and field trips expose students to opportunities for professional work with mammals and other vertebrates (e.g., work in wildlife biology, zoos, provincial or federal parks).

**Prerequisites:** BIOL-2403(3) and BIOL-2111(6) or BIOL-2451(3).

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

- BIOL-4602  
Field Research in Animal  
Ecology and Energetics
- (P,V) This course covers field and laboratory methods for studying ecological energetics and evolutionary physiology of free-ranging wild animals. During a field camp before the start of fall term, students learn techniques for studying metabolism and energy balance in animals including small mammal trapping/identification, temperature radiotelemetry, and open-circuit respirometry. The course focuses on small mammals, but there are opportunities to study songbirds, and some non-endothermic vertebrates and invertebrates. Each student conducts an independent research project during the field camp, and presents this work in a seminar and term paper during fall term.  
**Pre-requisites:** BIOL-2403 (3), BIOL-2451 (3), BIOL-3602 (3), BIOL-3603 (3), or BIOL-3492 (3). A minimum of 15 credit hours in Biology at or above the 2000 level.
- BIOL-7100  
Directed Studies in Life  
Sciences
- (D) This course is designed to allow students to undertake a project in an area of their interest. The project may take the form of a literature review, it may be experimental in nature, or it may involve analysis of existing data. Evaluation is based upon, but not limited to, writing a report summarizing the student's findings. Permission to enrol is dependent on the availability of an Instructor in the student's field of interest, who will provide the student with a detailed course outline. A student may receive credit for this course only once.  
**Restrictions:** Permission of Biology Graduate Studies Coordinator.
- BIOL-7101  
Seminars in Biology
- (S) This course consists of seminars presented by students on their thesis research topic. Attendance by students is mandatory during the four terms of their studies. Students in their first year are expected to present at least, but not exclusively, the appropriate background to their topic of research, the rationale and objectives for their study and some aspects of the methodology. Students in their second year are expected to add to their presentation results and conclusion, and provide an idea of likely future direction.
- BIOL-7304  
Current Topics in Genetics  
and Genomics
- (Le3) A consequence of advances in molecular techniques and computer sciences is the birth of genomics and the evolution of the field into structural, functional and comparative genomics. This course uses a combination of readings, oral presentations, and discussions that examine current topics in the field of genetics and genomics. A major aspect of the course is students participation through presentations and discussion of the current literature.  
**Restrictions:** Permission of Biology Graduate Studies Coordinator.
- BIOL-7402  
Current Topics in Ecology
- (Le3) This course involves students in current topics in ecology. The instructor presents a range of potential topics from which students can select those of interest. Students may also offer their own topics for presentation. Students present seminars to the class on chosen topics, and their evaluation is based upon class participation, and involves peer assessment. The course is also open to 4<sup>th</sup> year Biology Honours students. Additional in-depth work is required to receive credit at the 7000 level.  
**Prerequisites:** BIOL-2403 and any one of BIOL-3471, BIOL-3902; or permission of the instructor.  
**Additional Requirements:** The course is open to graduate students and 4<sup>th</sup> year Biology Honours students.  
**Restrictions:** Permission of Biology Graduate Studies Coordinator.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### **CHEMISTRY**

#### **(CHEM)**

CHEM-0100

Foundations of Chemistry

(Le3) The purpose of this course is to prepare students for CHEM-1111(3) Introduction to the Chemical Properties of Matter and CHEM-1112(3) Basic Principles of Chemical Reactivity. Topics include the characterization of chemical substances, chemical reactions, chemical quantities, and chemical systems. Standing in this course will satisfy the prerequisite for CHEM-1111(3) (In place of Chemistry 40S, Pre-Calculus Mathematics 40S, and/or Applied Mathematics 40S). Non-science majors wishing to take a chemistry course for science credit should take CHEM-2801(3) Chemistry and Society.

**Notes:** Students with standing in CHEM-1111(3), CHEM-1112(3), or the former CHEM-1101(6) cannot register for this course. This course CANNOT be used as a credit towards the Chemistry or Biochemistry majors.

**Prerequisite:** Permission of the Department Chair is required for all students to register for this course.

### **COOP**

#### **(COOP)**

2999

COOP Work Term I

This course offers a co-operative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when entering their first work term placement towards a co-op designation on a degree. The evaluation of the student's performance is determined by the employer's performance evaluation, a work-term performance report submitted by the student, and the departmental co-operative supervisor's evaluation. This course is graded on a pass/fail basis. It may be completed more than once for recognition on the student record. Formal co-op designation requires the completion of three work terms, i.e., 2999, 3999, and 4999.

3999

COOP Work Term II

This course offers a co-operative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when entering their second or subsequent work term placement towards a co-op designation on a degree. The evaluation of the student's performance is determined by the employer's performance evaluation, a work-term performance report submitted by the student, and the departmental co-operative supervisor's evaluation. This course is graded on a pass/fail basis. It may be completed more than once for recognition on the student record. Formal co-op designation requires the completion of three work terms, i.e., 2999, 3999, and 4999.



## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

4999  
COOP Work Term III

This course offers a co-operative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when entering their second or subsequent work term placement towards a co-op designation on a degree. The evaluation of the student's performance is determined by the employer's performance evaluation, a work-term performance report submitted by the student, and the departmental co-operative supervisor's evaluation. This course is graded on a pass/fail basis. It may be completed more than once for recognition on the student record. Formal co-op designation requires the completion of three work terms, i.e., 2999, 3999, and 4999.

### **DEVELOPMENTAL STUDIES**

**(DEV)**

DEV-3600  
Special Topics in  
Developmental Studies

(Le3) The course examines relevant issues and developments in Developmental Studies. Course content varies from year to year. The topic of each course will be available to students prior to registration.

DEV-3610  
Topics in Leadership in Early  
Childhood Education

(A,S1) This course provides an opportunity for currently enrolled interning students to understand and to integrate core concepts such as mentoring, team building, strategic planning, advocacy, communication, and inclusion of children with diverse needs, as they explore management and leadership issues in childcare systems. Students acquire information and skills through in-class discussions and presentations, reporting on experiences in their selected area of specialization gained through an internship placement, and individual research and reading.

**Additional Requirement:** Permission of Coordinator.

**Co-requisites:** DEV-3630.

**Restrictions:** Students with standing in DEV-3310 or DEV-3410 may not receive credit for DEV-3610. Available only to students in Developmental Studies, Stream C.

DEV-3630  
Advanced Internship

(A,S1) This course provides advanced field experience in the administration of childcare centers and leadership in the early childhood community. Students learn skills within such topics as childcare licensing requirements, program and policy planning, personnel management, budgeting, the inclusion of children with special needs, and developing and implementing individualized programs. Students are required to develop a major project in their selected area of specialization that provides a focused learning experience in their internship placement.

**Additional Requirement:** Permission of the Coordinator.

**Co-requisites:** DEV-3610

**Restrictions:** Students with standing in DEV-3330 or DEV-3430 may not receive credit for DEV-3630. Available only to students in Developmental Studies, Stream C.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### **ECONOMICS**

#### **(ECON)**

ECON-4307

Topics in Macroeconomics

(Le3) This course provides students with an opportunity to build on the macroeconomics background developed in Honours Macroeconomics (ECON-4104 (3)). The course introduces students to dynamic macroeconomic models and techniques for solving them, highlighting the use of such models and techniques for understanding the implications of macroeconomic policy. An emphasis is placed on the importance of political economy considerations in macroeconomics. Issues covered in any given year may include the interplay between demographics and fiscal policy, the determinants of policy related to technology adoption, and therefore economic growth, income redistribution, or the determination of monetary policy.  
**Prerequisite:** ECON-4104 (3)

### **EDUCATION**

#### **(EDUC)**

EDUC-1802

Education Today (WEC): An Introduction

(Le3) This course offers a survey for those interested in the Manitoba K-S4 education system. Its major objective is to further students understanding of the relevant social, legal, and political factors that provide the context for life in the classroom and for the teacher-student relationship. This course is intended for students admitted to the Winnipeg Education Centre program. This practicum experience consists of a half-day per week for 10 weeks plus an eight day block.

EDUC-2514

Learning Theory Practicum (WEC)

(A)This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. This course must be taken concurrently with EDUC-2511 and will be closely integrated with that course's assignments. This practicum experience consists of one day per week for 10 weeks, plus an eight day block.  
**Co-requisites:** EDUC-2511.

EDUC-2515

Tutoring: Special Project

*Cross-listed with RHET-2515*

(PV) In Tutoring: Special Projects, each student/tutor defines and undertakes a project which informs his or her own and others' tutoring experiences. Projects may include developing a workshop and offering it to first year students, analyzing interlanguage difficulties and recommending strategies for tutors working with English-as-an-additional-language learners, or analyzing an intercultural issue. Students define projects in consultation with the other students/tutors in the class and with the instructor.  
**Prerequisites:** RHET-2505.

EDUC-2800

Educational Leadership within a Service-Learning Framework

(LeV) Service-learning is an educational approach that integrates service in the community with intentional learning outcomes. By providing students with an opportunity to frame theoretical learning in real-life settings, service-learning leads students to broaden their horizon and to change their perspectives on their participation as citizens of a diverse democracy. This course utilizes a methodology that combines academic instruction, meaningful service, and critical reflective thinking to promote student learning and civic responsibility.  
**Prerequisite:** EDUC-1801.  
**Additional Requirements:** Including the prerequisite course, students must have completed a minimum of 18 credit hours of course work to be eligible for this course.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

EDUC-3814 Teaching/Learning and K-8 (WEC) Curriculum	(A)This course offers practical teaching experience in the school under the guidance and supervision of practicum host teachers. Students complete 15 days of practicum over two terms (fall and winter) and two 8 day block (one in fall and one in winter). This course must take concurrently with EDUC-3810 and is closely integrated with that course's assignments. <b>Prerequisites:</b> EDUC-2511, EDUC-2514 and EDUC-2601 or EDUC-2611. <b>Co-requisites:</b> EDUC-3810.
EDUC-4002 Foundations of Teaching and Learning	(Le3) This course consists of philosophy, psychological and pedagogical foundations in Education. The course introduces psychological principles as they relate to the practice of teaching and learning within the educational context. Students examine the philosophy and goals of education in Manitoba and in other cultures and are encouraged to develop their philosophical and pedagogical perspectives by examining current theory and practice. Teaching and learning are examined within the model of teacher decision-making that includes knowledge of the learner (learner characteristics), knowledge of the relationship of content, strategies, lessons and planning, and knowledge of methods (classroom organization, motivation, instruction, and assessment.) <b>Restrictions:</b> This course may be taken by students in the After Degree Program only.
EDUC-4602 Senior Years Curriculum, Instruction and Assessment: Technology Across the Curriculum	(Le3) This course focuses on the innovative use of technology in the classroom to promote critical thinking in students. Senior years students in ALL curriculum areas are introduced to the skills needed to develop integrated lesson plans in which they weave subject area outcomes with technology outcomes. Topics include learning theory in relation to critical thinking, essentials of curriculum development. Manitoba technology frameworks, lesson planning for technology integration, and educational applications of information technology. Continuing parallel themes are the rationale and development of Technology as a Foundation Skill, and the development of Literacy with ICT Across the Curriculum in Manitoba Schools. <b>Restrictions:</b> Available only to students admitted to the certification portion of the degree and the Senior Years Stream.
EDUC-4701 Creating and Managing Effective Learning Environments	(Le3) This course introduces students to theory and practice relative to effective learning environments. Students use research to examine relevant issues and developments in classroom management, conflict resolution and community building in the classroom. The course focuses on factors that influence student behaviour and factors that result in an optimal learning environment.
EDUC-4887 Supplemental Practicum	(A)This course offers supplemental teaching experience under the guidance and supervision of practicum host teachers. This practicum included a 5 week block and may include 1 day a week experience for a total of 9 days and/or a start of school experience if appropriate. This practicum is typically taken in conjunction with one or more Curriculum, Instruction and Assessment courses. This course, in conjunction with the Curriculum, Instruction and Assessment course, must be passed in order to fulfill degree requirements.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### ENGLISH

#### (ENGL)

ENGL-2004

History of Children's  
Literature: From Antiquity to  
the Victorian Period

(Le3) This course surveys children's literature for Sumerian clay 'readers' to the birth of modern novels and picture books for children, such as Carroll's *Alice in Wonderland* (1865) and Randolph Caldecott's *The House that Jack Built* (1878). The course traces the shift of myths, fairy tales and Aesop's fables from oral tradition to published texts. We examine primers and annuals, and early picture books such as Comenius' *Orbis Sensualium Pictus* (1658). Students also examine changing notions of childhood, e.g., the development of the concept of childhood innocence conveyed in works such as Rousseau's *Emile* (1762) or Locke's *Thoughts Concerning Education* (1693).

**Prerequisites:** 6 credit hours of First-Year English.

ENGL-2145

Field of Cultural Studies

(Le3) This course or ENGL-2142 Fundamentals of Literary Study, is compulsory for students pursuing the 4-Year B.A. in The Study of Literatures and Cultures. It provides an introduction to the key concepts that underpin the field of cultural studies. Through study of theoretical and critical essays, as well as plethora of cultural forms, practices and activities such as literatures, films, zines, comic books, paintings, and music, students will be encouraged to enhance their understanding of cultural phenomena. Since cultural studies is markedly interdisciplinary, the course also offers instruction in the way of research methods, interpretive strategies and writing. Issues covered may include subculture, urbanism, nationalism, ethnicity, postcolonialism, globalization, sexuality and gender.

**Prerequisites:** 6 credit hours of First-Year English.

ENGL-2220

English Literature 700-1620

(Le3) This course is an extensive survey of the history of literature of England from the 8<sup>th</sup> to the 16<sup>th</sup> century period, from the Old English poem Beowulf through major literary and cultural movements such as medieval romance, visionary allegory, and the Petrarchan love tradition. Finally, a consideration of poetry and drama from the Tudor, Elizabeth, and Jacobean periods brings us to the first two decades of the 17<sup>th</sup> century. Attention is given to the development of prose forms as well. Selected theoretical and critical texts from each literary period demonstrate changing views about the production, reception, and role of literature in society.

**Prerequisites:** 6 credit hours of First-Year English.

ENGL-2230

English Literature 1620-1900

(Le3) This course offers an extensive survey of the history of literature produced in England from the 17<sup>th</sup> to the 19<sup>th</sup> century. We examine major literary and cultural movements such as Metaphysical and Cavalier poetry, Puritanism, the Restoration comedy of manners, Neoclassicism, Romanticism, the rise of the novel, and Victorian poetry. In addition to course readings in poetry, drama, fiction, and essay, selected theoretical and critical texts from each literary period demonstrate changing views about the production, reception, and role of literature in society.

**Prerequisites:** 6 credit hours of First-Year English.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

- ENGL-2604  
Poetry and Poetic Form
- (Le3) This course introduces students to various features, forms, and figures of poetic discourse. With emphasis on the technical and figural elements of poetry (rhythm and rhyme, diction and tone, metaphor and allegory), the course considers the historical and socio-political conditions that “structure” our interpretations of poetry; the relationship between poetic form and politics (for example the extent to which elements such as gender or race might complicate the sonnet); and the extent to which form might be re-structured or used against itself to produce new and unexpected significance. Students are encouraged to consider these topics in relation to their own writing.  
**Prerequisites:** 6 credit hours of First-Year English.
- ENGL-2902  
Women Writers Before 1900
- (Le3) This course offers a select survey of women writers, theorizing about women and feminist theory from the Middle Ages to 1900. Lectures and discussion provide historical, cultural, political, and artistic contexts for the texts and information about the material conditions of women at different points in history. The course also considers women in relationship to various literary and cultural movements from the medieval to Victorian period, such as the Renaissance, Neoclassicism, Romanticism, Aestheticism and Decadence.  
**Prerequisites:** 6 credit hours of First-Year English.
- ENGL-2912  
Women Writers After 1900
- (Le3) This course offers a select survey of women writers and feminist theory from 1900 to the present. Lectures and discussion provide historical, cultural, political, and artistic contexts in which to consider women as authors, subject and readers. The course also considers the role gender plays in such post-1900 literary and cultural movements as modernism and post-colonialism.  
**Prerequisites:** 6 credit hours of First-Year English.
- ENGL-2922  
Topic in Women Writers
- (Le3) This course focuses on a topic in the field of women writers which varies from year to year. The topic area may be defined by genre, historical period, literary and cultural movement, or local, national, or global communities. Students should consult the English Department Handbook for information about specific iterations of the course.  
**Prerequisites:** 6 credit hours of First-Year English.
- ENGL-3115  
Creative Writing: Writing for Children
- (Le3) In this course students explore diverse styles and genres of writing for children, including verse forms like nonsense and concrete poetry, as well as short story, fairy tale and fantasy writing. Topics include creating the plot and first chapter of a novel that shifts between two worlds, and the design and production of picture books. Students learn by example, reading both successful classics and unconventional works that question strict definition of ‘children’s’ literature. Students are given practical advice on how to create verse that scans well, how picture books work, and how children’s book publishers select new material.  
**Prerequisites:** 6 credit hours of First-Year English and at least 3 credit hours from ENGL-2003, ENGL-2004, ENGL-2102, ENGL-2113, ENGL-2114, ENGL-2115 or ENGL-2116.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

- ENGL-3210  
Romantic Literature and Culture
- (Le3) This course introduces students to English literature and culture of the Romantic period (1789-1832) and looks closely at the interplay between the socio-political concerns of the period and its literature. The course texts articulate the wide spectrum of responses to the social and political events that took England by storm during the period, including the French Revolution, women's rights, and the slave trade. These contentious topics set the tone of our analysis as we examine the ways that nationality, race and gender shape the literary and philosophical writings of the day.  
**Prerequisites:** 6 credit hours of First-Year English.  
**Restrictions:** May not be taken by students with credit in ENGL-2211.
- ENGL-3951  
Topics Feminist Literary Theory
- (Le3) This course focuses on a topic in feminist literary theory which varies from year to year. Possible topics include: women and language; women and nature; feminism and Marxism; female communities; women and diaspora; and feminism and popular culture. Students should consult the English Department Handbook for information about specific iterations of the course.  
**Prerequisites:** 6 credit hours of First-Year English.
- GEOGRAPHY  
(GEOG)**
- GEOG-2419  
Resource Development and the Canadian Environment
- (Le3) This course examines the changing dynamics of natural resource development. In discussing different resources, including minerals, forestry and fisheries, the course contrasts historic and modern approaches to development. Particular attention is given to the environmental consequences of primary resource production, as well as the role that these industries play in modern Canadian society.  
**Prerequisites:** GEOG-1102 or ENV-1600.
- GEOG-3412  
The Human Geography of Northern Canada
- (Le3) This course investigates contemporary issues in Canada's arctic and sub-arctic regions, focusing on the three territories: Yukon, Northwest Territories and Nunavut. These regions have been subject to a variety of changes in the political, social and economic landscapes over last three decades. The course provides students with insight into how this impacts the human geography of northern Canada. Special attention is paid to ongoing and newsworthy issues.  
**Prerequisites:** GEOG-1102.
- GEOG-4409(3)  
Architecture and City Planning
- (S3) This course explores the relationship between architecture and the city form, function, and planning in the social and historical context of the 20th century. In the latter half of the 20th century, planning theory and practice became more specialized and separated from architectural theory. Yet, architecture has an important visual and functional impact on the urban form of the city and its planning. We survey the major architectural schools (e.g., Art Nouveau, Bauhaus, International Style) and the cultural avant-garde trends (e.g., Futurism, Surrealism, Situationism) and their relationship to and impact on city planning.  
**Prerequisites:** GEOG-2414 or GEOG-2415 or the former GEOG-2404, or permission of the Instructor.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### **GERMAN STUDIES**

#### **(GERM)**

GERM-2109  
Normative Grammar

(Le3) This course offers an intensive study of selected grammatical topics and a thorough study of syntax. Grammatical topics include the use of gender, number and case markers; tenses and moods; and prepositions. The study of syntax focuses on subordinate clauses. The course includes regular written and oral exercises.

**Prerequisites:** GERM-2201 or permission of the Department.

### **HISTORY**

#### **(HIST)**

HIST-3170  
History of Islamic Law

This lecture/seminar course examines the formation of legal structures and practices in Islamic societies from the seventh century to the present. In doing so, it explores the application and adaptation of general legal principles derived from the Qaran, Hadith and Sunna in specific and changing historical contexts. As well as presenting an overview of the development of law in Islamdom, it offers historical perspectives on such issues as the role of religious texts and the limits of interpretation in Islamic law; changes in the legal status of the family, gender relations, and women; crime and punishment; and modernization, European influences, and the reform of traditional law.

### **HUMAN RIGHTS AND GLOBAL STUDIES**

HRGS 1100  
Year I in Global Studies

This course introduces first-year students to global challenges and opportunities, and cultivates foundational skills for academic success. In the context of a small seminar, students explore global issues through current news items, literature review, and social analysis, with particular emphases shaped by the instructor's research expertise, such as gender equality, children and war, and post-conflict reconciliation. The course strengthens skills in critical thinking and analysis, writing, and oral communication.

HRGS 2650  
Special Topics in Human  
Rights and Global Studies

This course focuses on current issues in Human Rights and Global Studies, covering political, philosophical, economic, religious, and ethical issues. Topics may include foundations of human rights, comparative systems of social justice, refugee issues, border studies, ethics of globalization, poverty, and history of disease. The course may be repeated if topic varies. Contact the Institute for Human Rights and Global Studies, Global College for more information.

HRGS 3001  
Capstone on Human Rights  
and Global Studies

This capstone course examines theories and practices of human rights and contemporary global issues, and evaluates on-going cultural, economic, religious, legal, sociological, and ideological debates that continue to influence the promotion of basic human rights. The course is taught within a multidisciplinary theoretical framework. Topics such as war, child labor, genocide, economic ideologies, gender discrimination, and humanitarian work are covered from regional, national, and international perspectives. The course can be taken for letter grade or as a pass/fail course. **NOTE:** This capstone course is intended for students in the last year of the 3-year HRGS BA program. Only the 4001 students are required to write a mini-thesis based on their practicum.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

HRGS 3410 Transitional Justice	This course examines transitional justice, the processes by which societies deal with the legacy of widespread human rights abuses after a period of oppression or violent conflict in order to achieve the transition to a just and stable society. The course investigates a variety of transitional justice mechanisms, such as reparations, truth commissions, reconciliation activities, and criminal tribunals.
HRGS 3650 Special Topics in Human Rights and Global Studies	This course focuses on current issues in Human Rights and Global Studies, covering political, philosophical, economic, religious, and ethical issues. Topics may include foundations of human rights, comparative systems of social justice, refugee issues, border studies, ethics of globalization, poverty, and history of disease. The course may be repeated if topic varies. Contact the Institute for Human Rights and Global Studies, Global College for more information.
HRGS 4001 Capstone on Human Rights and Global Studies	This capstone course examines theories and practices of human rights and contemporary global issues, and evaluates on-going cultural, economic, religious, legal, sociological, and ideological debates that continue to influence the promotion of basic human rights. The course is taught within a multidisciplinary theoretical framework. Topics such as war, child labor, genocide, economic ideologies, gender discrimination, and humanitarian work are covered from regional, national, and international perspectives. The course can be taken for letter grade or as a pass/fail course. <b>NOTE:</b> This capstone course is intended for students in the last year of the 4-year HRGS BA program. Only the 4001 students are required to write a mini-thesis based on their practicum.
HRGS 4350 Post-Conflict Truth, Memory and Reconciliation	The suffering from atrocities during war-time is often seen as producing lingering individual and collective trauma, contributing to either personal dysfunction or successive cycles of violence where oppressed groups become the perpetrators in future regimes or conflicts. This course probes the role of memory in transitional societies, with particular emphasis on using memory to strengthen mechanisms for justice and human rights. Reconciliation projects, ranging from community-based initiatives to formal legislated undertakings such as truth and reconciliation commissions are examined in depth.
HRGS 4650 Special Topics in Human Rights and Global Studies	This seminar course focuses on current issues in Human Rights and Global Studies covering political, philosophical, economic, religious, and ethical issues. Topics may include foundations of human rights, comparative systems of social justice, refugee issues, border studies, ethics of globalization, poverty, and history of disease. The method of teaching may include seminars and film. The course may be repeated for credit if the topic varies. Contact the Institute for Human Rights and Global Studies, Global College for more information.



## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### **KINESIOLOGY AND APPLIED HEALTH (KIN)**

KIN-2400  
Teaching Games for  
Understanding

(Le3) The Teaching Games for Understanding (TGfU) model is a pedagogical approach that develops the strategies and skills necessary to be successful in games. TGfU is an approach to teaching games that focuses on the learner. It provides a context for understanding when and how motor, technical and tactical skills should be used. Participants will learn the pedagogical basis for teaching games for understanding and have an opportunity to put this theory into practice. A sampling of physical activities and sports are used to develop, internalize and integrate the concepts presented.

### **LINGUISTICS (LING)**

LING-1001  
Introduction to linguistics

(Le3) This course introduces students to a broad spectrum of linguistic research from phonology, morphology, and syntax, to language acquisition, language change, and language varieties.

LING-3103  
Sociolinguistics

(Le3) This course introduces students to the study of language as a social phenomenon. It explores various sociolinguistics theories relevant to how language encodes age, class, gender, ethnicity and socioeconomic status in different speech communities and cultural contexts.

### **MATHEMATICS (MATH)**

MATH-1103  
Introduction to Calculus I

(Le3,La2) This course covers differential calculus of a function of one variable. Topics include limits, continuity, and the differentiation of elementary functions (algebraic, trigonometric, and inverse trigonometric). Applications include curve sketching, optimization problems, and related rate problems.  
**Prerequisites:** Pre-Calculus Mathematics 40S. A minimum grade of C in MATH-1103 or the permission of the instructor or Department Chair is required to take MATH-1104.  
**Restrictions:** A student may not receive credit for more than one of MATH-1101(6), MATH-1102(3), or MATH-1103(3).

MATH-1104  
Introduction to Calculus II

(Le3,La2) This course covers integral calculus of a function of one variable. Topics include definite and indefinite integrals, exponential and logarithmic functions, L'Hopital's rule, techniques of integration, and improper integrals. Applications may include areas between curves, volumes and surface areas of solids of revolution, and arc length of a curve.  
**Prerequisites:** A minimum of grade C in MATH-1103 Intro to Calculus I.  
**Restrictions:** A student may not receive credit for more than one of MATH-1101(6), MATH-1102(3), or MATH-1104(3).

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

MATH-2803  
Scientific Computing for  
Mathematics

(Le3) This course expounds aspects of computer programming which serve as essential tools in both Pure and Applied Mathematics. Algorithms, and programming concepts such as conditional statements, loops and function calls, are explored as pseudocode, and also in the context of a modern multi-purpose programming language such as C, C++ or Java. Students learn to implement numerical algorithms from Calculus, such as Newton-Raphson bisection or Simpson's rule. The course also exposes students briefly to a sample of specialized mathematical programming environments such as MAPLE (or GAP) and Latex.

**Prerequisites:** MATH-1101(6) and MATH-1201(3) or MATH-2201(6).

MATH-3103  
Methods in Advanced  
Calculus

(Le3) This course covers topics chosen from: differentiation and integration of vector valued functions; arc length and speed; curvature and general motion in 3-dimensional space; vector fields, line integrals and surface integrals; the fundamental theorems of vector analysis (Green's Theorem, Stokes' Theorem, and the Divergence Theorem); and Fourier series and other topics in harmonic analysis.

Prerequisites: MATH-2101(6)

### **MULTIDISCIPLINARY (MULT)**

MULT 3001

In this course, students research the variety of human rights and social justice initiatives available within a 12-month period in Manitoba, such as conferences, workshops, seminars, summer institutes, and community projects and partnerships. Opportunities may be available at various community organizations, as well as on-campus venues such as the Global College Institutes and the Global College Community Liaison Office; Menno Simons College; and the Global Welcome Centre. In consultation with the instructor(s), the students select the initiative(s) most relevant to their interests, training, and capacities, and contribute to the development of that project/event/program throughout the 12-month period.

### **RELIGIOUS STUDIES (REL)**

REL-2442  
Psychology of Religion

(Le3) This course provides an overview of the historical development of psychology of religion as an academic discipline and a movement. We examine William James' and Granville Stanley Hall's studies of religious experience from the late 19th century. Major themes in psychology of religion are articulated and categorized in the context of their early development. Issues of religious conversion and the genesis of religious experience are examined in relation to theoretical perspectives from psychology such as experimental psychology, behaviorism, psychoanalysis, depth psychology, and transpersonal psychology. Finally recent developments in the psychology of religion movement in North America are covered.

REL-2713  
Muslims in Canada

(Le3) This course provides an overview of the historical developments and the changes in the demographic characteristics of the Muslim communities in Canada. Students learn about the rise and development of Islamic institutions, organizations, associations, and forms of leadership. In addition, Islamic identity and religious lifestyle, Islamic education, and the range of challenges facing Muslims living in Canada are discussed. Consideration is given to the situation of both Muslim immigrants and Canadian-born Muslims.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

REL-2720 Asian Religions	(Le3) This course is a general introduction to many of the religious traditions of Asia. It focuses on the traditions of India, China and Japan, specifically Hindu, Buddhist, Jain, Sikh, Confucian, Taoist and Shinto traditions. The class focuses on both historical and contemporary manifestations of these traditions. Students become familiar with the history, systems, and dynamics of the traditions and develop tradition-specific vocabularies which prepare them for further classes in religion, as well as for multicultural encounters outside the classroom.
REL-2721 Traditional Japanese Culture & Beliefs	(Le3) This course introduces students to the culture and beliefs of traditional Japan, from pre-history through the Edo (Tokugawa) period (ending in 1868). Topics covered include the religious aesthetic of the Heian aristocracy, the warrior values of the Kamakura samurai, and the merchant culture of the Edo period.
REL-2722 Modern Japanese Culture & Belief	(Le3) This course introduces students to the culture and beliefs of Modern Japan, starting in the Meiji era (1868-1911) and continuing to the present day. Topics covered include the impact of modernizing reforms on Japan's traditional values, the role of Shinto in the conception of modern Japan, the role of religion in the militarist movement and the leading to World War II, and ongoing attempts to define Japan's cultural autonomy in the face of modernization and westernization in the post-War period.
REL-2733 Religious Traditions of Korea	(Le3) This course provides an historical overview of Korean religious traditions. We examine the historical processes that world religious traditions-- Buddhism, Confucianism, and Christianity--have undergone in Korea. Then we consider the Korean folk religious tradition, Shamanism, and new religions in relation to the social context of contemporary Korea. The various Korean religious traditions are critically examined in terms of their cumulative, participatory process in world religious history.
REL-2771 Traditional Chinese Literature in Translation	(Le3) The course focuses on the study and appreciation of traditional Chinese prose fiction from the 7th century to 1900. The reading of the classics of Chinese short stories and novellas will give glimpses of society, history and culture of the given periods. The instructional language is English. Proficiency in the English language is required.
REL-2772 Modern Chinese Literature in Translation	(Le3) The course focuses on the study and appreciation of modern Chinese prose fiction since the May Fourth movement (1919). The selection of short stories and novellas includes Chinese writers from China, Taiwan, Hong Kong and overseas. The instructional language is English. Proficiency in the English language is required.
REL-2773 Chinese Cinema	(Le3) The course focuses on the study of films produced in China since the 1980's, when a new spirit of openness ushered in a period of cinematic creativity and reflection regarding China's past, present, and future. The movies produced in the 1930's, 40's, 50s, and 60's may be introduced for purposes of comparison. The instructional language is English. Proficiency in the English language is required.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

REL-3706/4706  
Chinese Buddhism

(S3) Buddhism constitutes of the major religious traditions of China. The present course offers an exploration of major themes, figures, and texts that comprise the Chinese Buddhist tradition. Course content includes topics such as the introduction of Buddhism into China.; readings (in English translation) from Buddhist scriptures that were influential in China; a review of Chinese Buddhist doctrinal schools and their teachings; an exploration of Chinese syncretistic systems, particularly as they relate to Neo-Confucianism; the social dimensions of Chinese Buddhist teachings; and modern Buddhist reform movements and contemporary Chinese Buddhism.

**Prerequisites:** One of: Rel-1002, Rel-2704, Rel-2705, Rel-2707, Rel-2708, Rel-2709, Rel-2718, or permission of the instructor. Students registering at the 4000 level must have Departmental Permission.

**Note:** Higher expectation and additional course requirements are placed on students enrolled at the Honours level.

### **RHETORIC WRITING & COMMUNICATIONS (RHET)**

RHET-3315  
Rhetorics of Science and Law

This course examines science as a rhetorical activity and studies the role of language and rhetoric in creating, sustaining, and changing science. Similarly, the course explores the role of language and rhetoric in how scientific knowledge and discourse circulate into policy and law as well as how this circulation affects the representation of that knowledge. In order to achieve these course objectives, we read a range of texts from science and technology studies (STS), including rhetoric of science, sociology of science, and philosophy of science, as well as relevant work in linguistics.

**Pre-requisites:** RHET-1105 (3) or RHET-1110 (6), or exemption from the writing requirement, and completion of 24 credit hours.

**Additional Requirements:** Students taking a major in Rhetoric and Communications must complete RHET-1105 (3) or RHET-1110 (6) before taking this course.

### **SOCIOLOGY (SOC)**

SOC-2100  
Theorizing Disability

(Le3) Prior to the 1970s, the concept of disability was centred on individual impairments and people with disabilities were "othered" because of their difference from ableist norms. Over the last three decades, disability activists and theorists have sought to shift the focus from a medical model to a social model. Within the social model, external obstacles are regarded as disabling, rather than non-conformist bodies. This move has had a powerful impact on a disability theorization and political action. The social model of disability has much in common with critical analyses that deconstruct and denaturalize race and gender. In this course, we will consider the implications of the social model of theorizing disability, examine the critiques, and explore the alternatives. Prerequisites: SOC-1101, SOC-1003, or SOC-1004.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

### THEATRE & FILM

#### (THFM)

THFM-2311  
Film Comedy

(Le3, LaV) This course looks at film comedy, from the earliest silent film comedies of Edison and Mèliés to the contemporary comedies of Kevin Smith and Woody Allen, from the perspective of the cinematic techniques used to achieve a comic action or comic perspective. Though the course studies comedy genres and takes an historical perspective on the development of film comedy, the emphasis is on an exploration of the cinematic tools of the comedy filmmaker; this involves some practical filmmaking work.

**Prerequisite:** THFM-1010.

THFM-2406  
The History of Fashion and Dress

(Le3) This course introduces the study of fashion history. The course first discusses what dress is, how it is studied, and why it is studied, and then provides a chronological survey of dress from ancient cultures to the 21st century. The emphasis is on western European dress. Interspersed within the chronology are selected topics pertaining to fashion's link to social history and material culture. The course is intended as background for students of theatrical design, but may be taken as an elective by anyone interested in the field. This course can be used towards the Humanities requirement.

**Restriction:** Students may not receive credit for both this course and THFM-2406(3).

THFM-2612  
Script and The Small Screen:  
The Television Drama Series

(Le3) Television drama exerts an undeniable impact on our culture. This may be due, partly, to complexities that underlie its ostensible simplicity. This course focuses on the narrative strategies that teleplay writers in drama series have employed to maintain viewer interest despite frequent interruptions and breaks from episode to episode or season to season. The course examines recent drama series. While it is particularly aimed at those interested in screenwriting, it is valuable to anyone who wants to understand how series television narrative works. This course can be used towards the Humanities Requirement.

THFM-2805  
Policy and Leadership in the  
Canadian Cultural Sector

(S3) This course covers the history and current state of governmental policy towards the arts in Canada and includes analysis of institutions such as the Canada Council for the Arts, the CBC, the National Film Board, and the CRTC. There is also discussion of provincial and municipal cultural policies. The goals of the course are to convey information essential to the successful management of cultural organizations and to enable participants to develop critical thinking around the role and value of policy, the nature and exercise of leadership, and the relationship between them. This course can be used towards the Humanities Requirement.

THFM-3105  
Advanced Movement I

(Le,La3) This course is designed to provide focused and consistent physical training, and to lay a movement foundation, for students who have chosen to pursue the Acting Area of Study in the Theatre Honours Program. Classes develop the individual's awareness, skill, and confidence in the use of movement as it pertains to the acting process. Topics include range and efficiency of movement, integration of voice and gesture, spatial awareness, rhythm, playing action, style, and working in the ensemble.

**Co-requisite:** THFM-4131.

## University of Winnipeg 2009-2010 Fall & Winter Experimental Courses

THFM-3106  
Advanced Movement II

(Le3, La3) To prepare students for work in the professional field or in post-graduate studies, this course provides those in the final stages of the Honours Acting Degree with more specific challenges. Classes continue to develop the individual's movement potential but place greater emphasis on movement as it pertains to the staging of theatre. Areas of study include expanding range of motion and expression, advanced work in ensemble, character studies, blocking, and external character traits and style.  
**Co-requisite:** THFM-4134 **OR** THFM-4141 **OR** THFM-4145.

THFM-3312  
Sound Editing for Film

(Le3, La3) This is primarily a practical course on sound editing, with some emphasis on sound theory and the history of sound in film. Students learn the process and technique of sound editing for film, from building sound tracks to working with dynamics processors. Using Pro-Tools software students learn how to input sounds, edit dialogue tracks, build effects tracks, process sounds using EQ plug-ins, and mix tracks.  
**Prerequisites:** THFM 2310.

THFM-3611  
Advanced Screenwriting ECP

(S3) This is an advanced screenwriting course focusing on the development of longer dramatic narratives. The course takes the form of a workshop where students develop half-hour to feature-length dramatic scripts, from synopsis, through treatment to final draft. The course focuses on plot structure, character development and techniques for writing dialogue. This course can be used towards the Humanities Requirement.  
**Prerequisites:** A grade of "B" or better in THFM-2611.

### **URBAN & INNER-CITY STUDIES (UIC)**

UIC-3100  
Issues in Urban and Inner-City Studies

(LE1,S2) This one-week intensive course is offered on an occasional basis to focus the discussion of students and community resource people on specific issues that are of current interest to academics and practitioners in the field of Urban and Inner-Studies. The topic will vary from year to year. Please consult the department about specific topics.

# ABORIGINAL GOVERNANCE (AG)

Updated Sept. 24/09

**Note:** The department/program code AG replaces the former code 80. Students cannot hold credit in AG-xxxx and the former 80.xxxx having the same course number (e.g., AG-3100(6) and 80.3100(6)).

**Acting Director:** John Hofley; Assistant Professors: L. Fontaine, B. Pitawanakwat, J. Romanow.

Executive Assistant to the Director: J. Bruce.

## DEGREES and PROGRAMS OFFERED

3-Year BA

4-Year BA

Honours BA

Master of Arts

Joint Aboriginal Governance Degree/Diploma (RRC/UW)

## UNIVERSITY OF WINNIPEG DEGREES and PROGRAMS

The AGP offers an innovative and flexible curriculum that includes courses in Aboriginal law, international development, political science, administrative studies, and public policy. These courses would support the variety of management and leadership roles in today's Aboriginal governance institutions. AGP aims to provide a multidisciplinary program grounded in the intellectual and cultural heritage of indigenous peoples. Students who complete the program will be prepared for employment opportunities in leadership and management positions within Aboriginal and other governments and in urban and other community-based organizations.

## REQUIREMENTS FOR A 3-YEAR BA IN ABORIGINAL GOVERNANCE

### ADMISSION REQUIREMENT

Students must consult with the Director or designate for program planning.

### GRADUATION REQUIREMENT

90 credit hours (this includes 30 credit hours from the ASGA Red River College program if applicable)

### RESIDENCE REQUIREMENT

Degree:

Minimum 30 credit hours

Major:

Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities:

12 credit hours

Science:

6 credit hours

Writing:

Minimum 3 credit hours of Academic Writing (This requirement is waived for students who hold the ASGA Diploma from Red River College.)

Maximum Introductory Courses:

Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Students in the Joint Degree/Diploma Program may only use a maximum of 18 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution:

Minimum of three (3) credit hours from five (5) different subjects.

### MAJOR REQUIREMENT

Single Major:

Minimum 39 credit hours/Maximum 45 credit hours.

Double Major:

Normally minimum 39 credit hours in the Aboriginal Governance Program and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required Courses:(21 credit hours)

**AG-1015(6)** Introduction to Aboriginal Governance

**CRS-1200(6)** Introduction to Conflict Resolution Studies

**UIC/AG/BUS-2030(3)** Management and Financial Administration in Community & Aboriginal Organization

**POL-3400(3)** Aboriginal Politics in Canada

**POL-3405(3)** Aboriginal Politics in Manitoba

Optional Courses: (18-24 Credit hours)

### Aboriginal Languages

**ABOR-1101(6)** Introductory Cree

**ABOR-1201(6)** Introductory Ojibwe

### Aboriginal Governance

**AG/POL-2020(3)** Colonization and Aboriginal Peoples

**AG-3100(6)** International Rights of Indigenous Peoples

**AG-3901(3)** Directed Readings

**AG-3902(6)** Directed Readings

### Anthropology

**ANTH-2103(3)** Ethnography of Native Peoples of North America

**ANTH-2160(3)/** Indigenous People & the Industrial State

**IDS-2160(3)**

**ANTH-3133(3)** Algonquin Ethnography

(Prerequisite waived for Aboriginal Governance students)

### \*Conflict Resolution Studies

**CRS-2221(3)** Restorative Justice

**CRS-2241(3)** Conflict and Culture

**CRS-2251(3)** Conflict in the Family 1

**CRS-2261(3)** Conflict in the Family 2

**CRS-2271(3)** Conflict within Groups

**CRS-2421(3)** Legal Systems & Alternative Dispute Resolution

**CRS-2431(3)** Negotiation, Theory & Practice

<b>CRS-3220(3)</b>	Models for Conflict Transformation
<b>CRS-3293(3)</b>	Directed Readings
<b>History</b>	
<b>HIST-1010(6)</b>	Aboriginal & Newcomers
<b>HIST-2506(3)</b>	History of the Canadian North
<b>HIST-2509(6)</b>	History of the Native Peoples of Canada
<b>HIST-2511(3)</b>	Aboriginal Peoples in Canada since 1815
<b>HIST-2609(6)</b>	History of Native American Peoples of the United States, colonial period to the present
<b>HIST-3525(3)</b>	History of the Métis in Canada
<b>HIST-3527(6)</b>	History of the Algonquian Nations

**\*International Development Studies**

<b>IDS-2160(3)/</b> <b>ANTH-2160</b>	Indigenous People & the Industrial State
<b>IDS-3110(3)</b>	Poverty-Focused Development

**Philosophy**

<b>PHIL-2240(3)</b>	Aboriginal Justice Issues
<b>PHIL-3500(3)</b>	Aboriginal Rights & Liberalism

**Politics**

<b>POL-1011(6)</b>	Introduction to Politics
<b>POL/AG-2020(3)</b>	Colonization and Aboriginal Peoples
<b>POL-2100(6)</b>	Global Politics
<b>POL-2210(6)</b>	The Idea of Democracy

<b>POL-2400(6)</b>	Canadian Politics
<b>POL-2500(3)</b>	City Politics
<b>POL-2505(3)</b>	Issues in City Politics
<b>POL-3300(3)</b>	Public Policy Process
<b>POL-3320(3)</b>	Women and the Law
<b>POL-3411(3)</b>	Aboriginal People & the Law I
<b>POL-3415(3)</b>	Aboriginal People & the Law II
<b>POL-3450(3)</b>	Sustainability and Environment Politics
<b>POL-3600(6)</b>	Directed Readings
<b>POL-3605(3)</b>	Directed Readings

**Religious Studies**

<b>REL-2801(3)</b>	Introduction to Aboriginal Spirituality
<b>REL-2802(3)</b>	Aboriginal & Christian Encounter
<b>REL-2803(3)</b>	Understanding Aboriginal Sacred Narrative
<b>REL-2804(3)/</b> <b>IDS-2804(3)</b>	Global Perspectives on Aboriginal Societies, Spiritualities & the Environment
<b>REL-3802(3)</b>	Aboriginal Healers
<b>REL-3803(3)</b>	Aboriginal Women's Teachings
<b>REL-3804(3)</b>	Aboriginal Spirituality: Research Methods

**Sociology**

<b>SOC-2105(6)</b>	Race, Ethnic and Aboriginal Relations
<b>SOC-3123(3)</b>	Crime, Victimization and Justice in Aboriginal Communities

(Prerequisite waived for Aboriginal Governance students)

\*Please note that students may be required to register for prerequisite courses.

## REQUIREMENTS FOR A 4-Year BA IN ABORIGINAL GOVERNANCE

**ADMISSION REQUIREMENTS** Students must consult with the program advisor in planning their studies. Students must have completed at least 30 credit hours in Aboriginal Governance.

**GRADUATION REQUIREMENTS** Minimum 120 credit hours

**RESIDENCE REQUIREMENT**

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	3 credit hours
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum of 3 credit hours from each of 5 different subjects.

**MAJOR REQUIREMENT**

Single Major:	Minimum 57 credit hours/maximum 63 credit hours. Maximum 18 credit hours at the 4000 level from the Aboriginal Governance Honours course list.
Double Major:	Minimum 57 credit hours in Aboriginal Governance and specified number of courses in other Major.
Combined Major:	Minimum 60 credit hours from each of two different majors with not less than 24 credit hours from each major subject.
Cognates:	Minimum of 18 credit hours / maximum of 36 credit hours of ancillary courses. Maximum total of major and cognate courses is 84 credit hours combined.
Students may take a maximum of 12 credit hours of Directed Reading towards the major requirements	
Required Courses:	<b>POL-4440(6)</b> Seminar in Aboriginal Politics

18 additional credit hours from the Aboriginal Governance optional courses or Honours courses or any combination of them (see below).

## REQUIREMENTS FOR AN HONOURS BA IN ABORIGINAL GOVERNANCE

**ADMISSION REQUIREMENTS**

Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.5 GPA (degree GPA) in non-Honours courses. Students must consult with and have the approval of the Program Director or the Director's designate in planning their course of study.

**GRADUATION REQUIREMENT** 120 credit hours, with minimum 3.0 GPA in Honours and 2.5 in non-Honours subject courses.

**RESIDENCE REQUIREMENT**



Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at the 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours  
Writing: Minimum 3 credit hours of Academic Writing  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum 3 credit hours from each of 5 different subjects.

### HONOURS REQUIREMENT

Single Honours: Minimum 63 credit hours/ Maximum 78 credit hours  
Minimum 30 credit hours in 4000-level Honours courses.  
Double Major: Minimum 36 credit hours in each Honours subject.  
Minimum 24 credit hours in 4000-level Honours courses  
Required Course: **POL-4440(6)** Seminar in Aboriginal Politics

### Honours courses: (24 credit hours)

#### Aboriginal Governance

**AG-4200/7200(3)/(6)** Seminar in Selected Topics

#### Anthropology

**ANTH-4105(6)** Natives and Newcomers in Encounter: Selected Topics

#### \*Conflict Resolution Studies

**CRS-4920(3)** Program Planning, Monitoring and Evaluation  
**CRS-4910(3)** Conflict and the Construction of the Other

#### History

**HIST-4570(6)** Native and Newcomers in Encounter: Selected Topic  
**HIST-4530(6)** Advanced Studies in Canadian History

#### International Development Studies

**IDS-4920(3)** Program Planning, Monitoring and Evaluation  
**IDS-4910(3)** Conflict and the Construction of the Other

#### Politics

**POL-4301(6)** Administrative Theory  
**POL-4400(6)** Seminar in Canadian Politics  
**POL-4440(6)** Seminar in Aboriginal Politics  
**POL-4505(6)** Politics of Urban Planning  
**POL-4515(6)** Inner City Seminar

#### Religious Studies

**REL-4800(3)** Topics in Aboriginal Religious Traditions  
**REL-4802(3)** Aboriginal Healers  
**REL-4803(3)** Aboriginal Women's Teachings  
**REL-4804(3)** Aboriginal Spirituality Research Methods

#### Sociology

**SOC-4413(6)** Seminar in Race and Ethnic Relations

\* Please note that students may be required to register for prerequisite courses.

## JOINT ABORIGINAL GOVERNANCE DEGREE/DIPLOMA (RRC/UW)

This is a combined degree/diploma program in cooperation with Red River College. Diploma graduates are granted a block transfer of 30 credit hours towards a 3-year, 4-year or Honours degree in Aboriginal Governance and must complete an additional 60 (3-Year) to 90 (4-Year & Honours) credit hours. Students can expect to complete the combined degree/diploma program in approximately 4 to 5 years.

This joint program with Red River College provides students with the knowledge and skills needed to pursue a career in an Aboriginal self-government environment.

The Aboriginal Governance program offers students the opportunity to obtain both a Bachelor's degree in Aboriginal Governance from The University of Winnipeg and a Diploma in Self-Government Administration from Red River College.

This joint program draws on the distinctive advantages of both institutions to provide students both with a broad, multi-dimensional perspective on Aboriginal Self-Governance, and with concrete skills necessary for employment in the self-government field. Students may begin the joint program at either Red River College or The University of Winnipeg.

For the three-year degree options, students would complete an additional 60 credit hours in the following way:

21 credit hours of required courses from Aboriginal Governance, Conflict Resolution Studies, and Politics

18 credit hours of optional courses from Aboriginal Languages, Anthropology, Conflict Resolution Studies, History, International Development Studies, Philosophy, Politics, or Sociology

12 credit hours in the Humanities

6 credit hours in Science

### SUMMARY OF THE RED RIVER COLLEGE ABORIGINAL SELF-GOVERNMENT ADMINISTRATION PROGRAM

Aboriginal Self-Government Administration is a two-year diploma program with an annual September entry date. It will provide training for Aboriginal students in the Aboriginal self-government process. With the ongoing expansion of Aboriginal self-government in Canada today, there is a corresponding need for Aboriginal people to be trained in all the fundamental aspects of the self-government process, including knowledge of traditional and existing models, and the skills associated with administration, management, research, and policy analysis.

After successfully completing this program, you will have learned the fundamental aspects of the self-government process. You will be trained to gather and compile information using the most current techniques in information technology, to conduct research, to prepare documentation, to present materials, and to analyze programs and proposals as they relate to self-governance. You will be prepared to function effectively in environments that are committed or sensitive to issues related to Aboriginal Self-Government.

### APPLICATION PROCEDURE

Student must fill out an application for admission at the Red River College Aboriginal Education Programs office. For more information please contact:

Red River College: (204) 632-2148

**Required Courses:** (21 credit hours) **CRS-1200(6)** Introduction to Conflict Resolution Studies  
**AG/UIC/BUS-2030(3)** Management and Financial Administration in Community & Aboriginal Organizations  
**POL-2400(6)** Canadian Politics  
**POL-3400(3)** Aboriginal Politics in Canada  
**POL-3405(3)** Aboriginal Politics in Manitoba

**Optional Courses:** (18 credit hours) Students must choose from the 3-Year BA course list.

Red River College Aboriginal Self-Government Administration Diploma Graduates are not entitled to obtain credit towards an AG major in the following University of Winnipeg courses:

AG-1015(6) Introduction to Aboriginal Governance  
 POL-1011(6) Introduction to Politics  
 POL-3411(3) Aboriginal People & the Law I  
 POL-3415(3) Aboriginal People & the Law II  
 HIST-2509(6) History of the Native Peoples of Canada

## COURSE DESCRIPTIONS

**AG-1015(6) INTRODUCTION TO ABORIGINAL GOVERNANCE (Le3)** This course offers an introduction to the field of Aboriginal Governance. It examines the nature of Band Council, Métis Nation and Inuit governance systems both historically and contemporarily. Topics include traditional governance, Aboriginal rights movement, and self-government agreements. The course also examines inter-governmental relations, and jurisdiction, and the development of urban reserves and urban self-government. Some comparisons with other countries' experiences are made, including the impact of internal indigenous human rights developments in the governance area.  
**CROSS-LISTED:** POL-1015(6).

**AG-2020(3) COLONIZATION AND ABORIGINAL PEOPLES (Le3)** This course examines the Aboriginal colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Aboriginal peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.  
**CROSS-LISTED:** POL-2020(3) AND UIC-2020(3).

**AG-2030(3) MANAGEMENT AND FINANCIAL ADMINISTRATION FOR COMMUNITY AND ABORIGINAL ORGANIZATIONS (Le3)** As small-scale and not-for-profit structures, community-based and Aboriginal organizations often face unique challenges and political/cultural realities in terms of overall management and operations. This course provides students with a good understanding of the key facets of management and administrative structures within the community and Aboriginal sectors in particular. Key topics include organizational structures and management controls, financial statements and budgeting, performance measurements, strategic planning and operations analysis and evaluation.  
**PREREQUISITES:** UIC-1001 OR AG-1015 OR Departmental approval.  
**CROSS-LISTED:** UIC-2030(3), BUS-2030(3).

**AG-3101(3) INTERNATIONAL RIGHTS OF INDIGENOUS PEOPLES (Le3)** This course examines the current

developments at the international level with respect to the rights of Indigenous peoples, particularly the right to self-determination. The course also examines issues of decolonization as the concept is used in reference to Indigenous peoples. It includes a review of the Draft Declaration of Indigenous peoples and the Organization of American States (OAS) Draft Declaration. In addition, the course reviews the United Nations bodies that deal with Indigenous issues, including issues dealing with cultural rights. Various international reports on Indigenous people's rights to land and treaty interpretation are considered and compared to Canada's current policy in maintaining a colonial relationship. Moreover, developments and issues of concern to the Indigenous Peoples Permanent Forum are covered in the course.

**AG-3901(3) DIRECTED READINGS (D)** The program of reading and consultation is arranged between the instructor and the student. The student is required to complete a major research paper and take an oral examination based on it.  
**PREREQUISITES:** Permission of the instructor.

**AG-3901(6) DIRECTED READINGS (D)** The program of reading and consultation is arranged between the instructor and the student. The student is required to complete a major research paper and take an oral examination based on it.  
**PREREQUISITES:** Permission of the instructor.

**AG-4200/7200(3) SEMINAR IN SELECTED TOPICS** The contents of this course focus on particular aspects of Aboriginal Governance and may include topics on philosophical, social, economic, political or other issues. Selected topics are examined in a seminar offered by current staff, or local or visiting scholars from Canada and other countries. Topics accord with each scholar's area of expertise. Special class schedules may be arranged to accommodate visiting scholars. This course may be repeated for credit when the topic varies. Course requirements vary for students completing the 4000 and 7000 level versions of this course. Students should contact the Aboriginal Governance program for details.

Students are advised to consult with the Chair of the Graduate Studies Committee of the AGP on the availability of new experimental courses.

# ABORIGINAL LANGUAGES (ABOR)

**Note:** The department/program code ABOR replaces the former code 16. Students cannot hold credit in ABOR-xxxx and the former 16.xxxx having the same course number (e.g., ABOR-1101(6) and 16.1101(6)).

Dean of Education: Professor K. McCluskey

## INTRODUCTION

The Aboriginal Languages courses were developed to give students an opportunity to enrich their liberal arts education by studying two First Nations languages. These courses do not lead to a major.

## COURSE LISTINGS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

ABOR-1101(6)	Introductory Cree
ABOR-1201(6)	Introductory Ojibwe

## COURSE DESCRIPTIONS

**ABOR-1101(6) INTRODUCTORY CREE (Le3, La1)** This course is intended for students who are not fluent in Cree and have never taken a course in the language. The emphasis is primarily on oral work for the purpose of learning basic sounds, vocabulary, and grammatical patterns. Structural differences between Cree and English are highlighted.

**ABOR-1201(6) INTRODUCTORY OJIBWE (Le3, La1)** This course is intended for students who are not fluent in Ojibwe and have never taken a course in the language. The emphasis is primarily on oral work for the purpose of learning basic sounds, vocabulary, and grammatical patterns. Structural differences between Ojibwe and English are highlighted.

# ANTHROPOLOGY (ANTH)

**Note: The department/program code ANTH replaces the former code 02. Students cannot hold credit in ANTH-xxxx and the former 02.xxxx having the same course number (e.g., ANTH-1001(6) and 02.1001(6)).**

**Chair: Professor B. Richling;** Professor Emeritus: C. Meiklejohn; Associate Professors: P.B. Clarkson, G. Fulford, M. MacKinnon, M. Silcox; Asst. Professor : M. Roksandic; Technician/Curator: V. McKinley, J. Schmidt.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**4-Year BA**

**Honours BA**

## INTRODUCTION

The study of Anthropology reveals the integrated patterns of social and cultural life from a cross-cultural perspective and examines the cultural and biological background of human evolution. At the University of Winnipeg, you may pursue this broad area of study within the more specific fields of Cultural Anthropology, Linguistics, Archaeology, and Physical Anthropology. For students considering a Major in Anthropology, the Department offers a 3-Year, an Honours, and a 4-Year BA.

Career opportunities for graduates of Anthropology arise in museums, foreign service, northern development in Canada, archaeological and cultural research, consulting and management, and academic teaching. Anthropology is particularly relevant to those interested in careers which require an objective and broad-based understanding of human values and social relations, such as law enforcement, social work, advertising, public service, minority and ethnic relations, teaching, medicine and nursing.

## REQUIREMENTS FOR A 3-YEAR BA IN ANTHROPOLOGY

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.  
Double Major: 30 credit hours in Anthropology and specified number of credit hours in the other department/program.

Required courses:

**ANTH-1001(6)** Introductory Anthropology  
**ANTH-2100(3)** Method and Theory in Cultural Anthropology  
**ANTH-2200(3)** Method and Theory in Archaeology  
**ANTH-2300(3)** Method and Theory in Biological Anthropology

Minimum 3 credit hours of additional courses from Area II, Cultural Anthropology.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

**ANTH-1001(6)** Introductory Anthropology  
**ANTH-2100(3)** Method and Theory in Cultural Anthropology  
**ANTH-2200(3)** Method and Theory in Archaeology  
**ANTH-2300(3)** Method and Theory in Biological Anthropology

Students are advised that a 3-Year BA is not normally sufficient for admission to graduate studies.

## REQUIREMENTS FOR A 4-YEAR BA IN ANTHROPOLOGY

### ADMISSION REQUIREMENT

Minimum 30 credit hours completed previously. Students must consult with the Departmental Advisor in selecting Major and ancillary courses.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Cognates: Minimum 18 credit hours/Maximum 36 credit hours in ancillary courses.  
Maximum total of cognate and major courses is 84 credit hours combined.

Required courses:

**ANTH-1001(6)** Introductory Anthropology  
Minimum 6 credit hours from each of Area I Cultural Anthropology, Area II Archaeology, and Area III Physical Anthropology, including the following:  
**ANTH-2100(3)** Method and Theory in Cultural Anthropology  
**ANTH-2200(3)** Method and Theory in Archaeology  
**ANTH-2300(3)** Method and Theory in Biological Anthropology

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

**ANTH-1001(6)** Introductory Anthropology  
**ANTH-2100(3)** Method and Theory in Cultural Anthropology  
**ANTH-2200(3)** Method and Theory in Archaeology  
**ANTH-2300(3)** Method and Theory in Biological Anthropology

## REQUIREMENTS FOR AN HONOURS BA IN ANTHROPOLOGY

### ADMISSION REQUIREMENT

Students must have completed a minimum of 30 credit hours.  
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in non-Honours Subject courses.  
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.  
The minimum 2.5 GPA (C+) in all non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENTS

Single Honours: Minimum 54 credit hours/ Maximum 78 credit hours in the Honours subject.  
Minimum 30 credit hours in upper-level (3000/4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000 level.

Double Honours: Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours at the upper level (3000/4000) in the Anthropology component of the double Honours of which a minimum of 15 credit hours must be at the 4000 level. For the requirements of the other Honours subject consult the department involved.

Required courses:

**ANTH-1001(6)** Introductory Anthropology

Minimum 6 credit hours from each of Area II Cultural Anthropology, Area III Archaeology, and Area IV Physical Anthropology, including the following:

**ANTH-2100(3)** Method and Theory in Cultural Anthropology

**ANTH-2200(3)** Method and Theory in Archaeology

**ANTH-2300(3)** Method and Theory in Biological Anthropology

### SUGGESTED PATTERN OF STUDY TO MEET MINIMUM REQUIREMENTS

Year 1: **ANTH-1001(6)** Introductory Anthropology

Year 2: 12 credit hours in Anthropology; 3 credit hours may be at the 4000 level and 3 credit hours may be at the 3000 level

Year 3: 18 credit hours in Anthropology including minimum 6 credit hours at the 4000 level and 6 credit hours at the 3000 level

Year 4: 6 credit hours at the 4000 level and 6 credit hours at the 3000 level in Anthropology

### GENERAL INFORMATION

#### Prerequisites

The following courses are available to students without the prerequisite of **ANTH-1001(6)** Introductory Anthropology, or its equivalent 3 credit hour courses: **ANTH-2103(3)** Ethnography of North American First Peoples; **ANTH-2108(3)** Myth, Magic, and Shamanism; **ANTH-2202(3)** Archaeology of North America; **ANTH-2214(3)** and **ANTH-2220(6)** Archaeological Field School; **ANTH-2210(6)** The Rise of New World Civilization; **ANTH-2211(3)** Rise of World Urbanism; **ANTH-2304(3)** Introduction to Forensic Anthropology.

#### Graduate Studies

Students considering advanced training are advised to consult with a member of the Anthropology Department.

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of Department is required for each 4000-level course.

## COURSE LISTINGS

The Department of Anthropology has organized its courses into four areas of specialization. These divisions are provided as guidelines to the areas of study available for concentration:

Area I General Category

Area II Cultural Anthropology

Area III Archaeology

Area IV Biological Anthropology

Students should consult the appropriate timetable, available from the Records Office, for courses available during the current session.

#### AREA I

##### GENERAL CATEGORY

**Note:** Students should note that taking **ANTH-1002(3)** and **ANTH-1003(3)** is equivalent to taking **ANTH-1001(6)** and provides the same credit. If only **ANTH-1002(3)** is taken, this will provide a prerequisite for Cultural Anthropology courses and similarly, if only **ANTH-1003(3)** is taken this will provide the prerequisite for Biological Anthropology and Archaeology courses.

**ANTH-1001(6)** Introductory Anthropology

**ANTH-1002(3)** Introduction to Cultural Anthropology

**ANTH-1003(3)** Introduction to Biological Anthropology and Archaeology

**ANTH-4001(3)** Directed Readings/Research in Anthropology

**ANTH-4001(6)** Directed Readings/Research in Anthropology

#### AREA II

##### CULTURAL ANTHROPOLOGY

**Note:** Either **ANTH-1002(3)** or **ANTH-1001(6)** provides a prerequisite for Cultural Anthropology courses. **ANTH-1003(3)** alone, however, is not an acceptable prerequisite for Cultural Anthropology courses.

**ANTH-2100(3)** Method and Theory in Cultural Anthropology

**ANTH-2103(3)** Ethnography of North American First Peoples

**ANTH-2108(3)** Myth, Magic, and Shamanism

**ANTH-2400(3)** Method and Theory in Linguistic Anthropology

**ANTH/IDS-2160(3)** Indigenous People and the Industrial State

**ANTH-3100/4100(3)** History of Anthropology

**ANTH-3103(3)** Applied Anthropology

**ANTH-3113/4113(3)** Algonquian Ethnography

**ANTH-3116/4116(3)** Symbolic Anthropology

**ANTH-3117/4117(3)** Ethnohistoric Methods and Theory

**ANTH-3120(3)** Aboriginal Peoples of Arctic Canada

**ANTH-3125/4125(3)** Ethnographic Research Methods

**ANTH-3126(6)** Material Culture in the History of the Aboriginal Peoples of Canada

**ANTH-3127(3)** History of the Aboriginal Peoples of the Northern Plains

**ANTH-3128(3)** History of Eastern and Subarctic Algonquian Peoples

**ANTH-3132(3)** History of the Iroquoian Peoples

**ANTH/IDS-3160(3)** Cultural Perspectives on Global Processes

**ANTH-3400(3)/4400(3)** Applied Linguistic Anthropology

ANTH-4102(6) Problems in Cultural Anthropology  
 ANTH-4103(3) Semiotics and Structuralism  
 ANTH-4105(6) Aborigines and Newcomers in Encounter:  
 Selected Topics

**Note:** The attention of students is directed to the following courses that are directly complementary to the program in Cultural Anthropology:

HIST-2509(6) History of the Native Peoples of Canada  
 HIST-2700(6) History of Africa  
 HIST-2901(6) History of Technology

Other courses relating to the nature of culture and cultural behaviour can be found in the Departments of Religious Studies and Sociology.

### AREA III ARCHAEOLOGY

**Note:** Either **ANTH-1003(3)** or **ANTH-1001(6)** fulfills the prerequisite for most Archaeology and Physical Anthropology courses. **ANTH-1002(3)** alone, however, does not.

ANTH-2200(3) Method and Theory in Archaeology  
 ANTH-2202(3) Archaeology of North America  
 ANTH-2210(3) Rise of New World Civilization  
 ANTH-2211(3) Rise of Old World Urbanism  
 ANTH-2214(3) Archaeological Field School  
 ANTH-2220(6) Archaeological Field School  
 ANTH-3203(6) Archaeological Field School  
 ANTH-3204/ Issues in Prehistoric Archaeology  
 4204(3)  
 ANTH-3205/ Issues in the Rise of Civilization  
 4205(3)  
 ANTH-3206/ The Origins of Human Culture  
 4206(3)  
 ANTH-3207(3) Zooarchaeology  
 ANTH-3209/ Archaeology of Gender  
 4209(3)  
 ANTH-3210(3) Archaeological Laboratory Methods

ANTH-3213(3)/ Advanced Archaeological Theory  
 4213(3)

ANTH-3220(3) Archaeoastronomy  
 ANTH-4200(3) Archaeological Problems  
 ANTH-4212(3) Advanced Zooarchaeology

**Note:** The attention of students is directed to the following disciplines that are directly complementary to the programs in Archaeology: Classics, Physical Geography and History.

### AREA IV

#### BIOLOGICAL ANTHROPOLOGY

**Note:** Either **ANTH-1003(3)** or **ANTH-1001(6)** fulfills the prerequisite for most Physical Anthropology and Archaeology courses. **ANTH-1002(3)** alone, however, does not.

ANTH-2300(3) Methods and Theory in Biological Anthropology  
 ANTH-2304(3) Introduction to Forensic Anthropology  
 ANTH-3302/ Primate Adaptation, Biology, and Evolution  
 4302(3)  
 ANTH-3306(3) Human Osteology  
 ANTH-3207(3) Zooarchaeology  
 ANTH-3308/ Human Evolution  
 4308(3)  
 ANTH-3309/ Primate Behaviour  
 4309(3)  
 ANTH-3310/ The Race Concept in Physical Anthropology  
 4310(3)  
 ANTH-4212(3) Advanced Zooarchaeology  
 ANTH-4303(3) Problems in Human and Primate Evolution  
 ANTH-4305(3) Problems in Biological Anthropology  
 ANTH-4307(3) Advanced Human Osteology  
 ANTH-4311(3) Human Paleopathology

**Note:** The attention of students is directed to the following disciplines that are directly complementary to the program in Biological Anthropology: Biology and Physical Geography.

## COURSE DESCRIPTIONS

### ANTH-1001(6) INTRODUCTORY ANTHROPOLOGY (Le3)

This course provides a general introduction to the four main branches of anthropology: archaeological, cultural, linguistic, and physical (biological). Topics include human evolution, the nature of culture and language, the diversity of past and present societies and their ways of life, and the causes and consequences of social and cultural change. Some instructors may devote substantially more time to certain topics than do others. Students are advised to consult with individual instructors for details.

**RESTRICTIONS:** Students may not receive credit for ANTH-1001(6) and ANTH-1002(3) or ANTH-1003(3).

### ANTH-1002(3) INTRODUCTORY CULTURAL ANTHROPOLOGY (Le3)

This course is a general introduction to the comparative study of human social and cultural life. Topical emphases vary but may include language, economic and political organization, kinship and marriage, ritual and belief, and the causes and consequences of social and cultural change in the contemporary world. Some instructors may devote substantially more time than others to the study of linguistics. Students are advised to consult with individual instructors for details.

**RESTRICTIONS:** Students may not receive credit for both ANTH-1002(3) and ANTH-1001(6).

### ANTH-1003(3) INTRODUCTORY BIOLOGICAL ANTHROPOLOGY AND ARCHAEOLOGY (Le3)

This is a general introduction to the study of the biological nature and origins of the human species, and of the cultural and biological record of the past. Topical emphases vary but may include basic principles of biological evolution, the human

fossil record, modern human variation, and archaeological evidence of the development and diversification of society and culture from earliest times to the rise of ancient civilization.

**RESTRICTIONS:** Students may not receive credit for both ANTH-1003(3) and ANTH-1001(6).

### ANTH-2100(3) METHOD AND THEORY IN CULTURAL ANTHROPOLOGY (Le3)

This core course surveys the essentials of theory and method in the anthropological study of culture and society. It examines central concepts and perspectives in relation to their past development and current status, and their applications in ethnographic and ethnological research.

**PREREQUISITES:** ANTH-1001(6) or ANTH-1002(3) or permission of the instructor required in absence of prerequisite.

### ANTH-2103(3) ETHNOGRAPHY OF NORTH AMERICAN FIRST PEOPLES (Le3)

This course surveys the cultures and societies of Aboriginal peoples in Canada and select regions of the United States from the beginnings of European contact to the present day. Topics include economy, social structure, mythology, religion, and culture change.

### ANTH-2108(3) MYTH, MAGIC, AND SHAMANISM (Le3)

In this course, the related concepts of myth, magic, and shamanism, which form the core of religion in non-literate societies, are examined with the intent of discovering the conceptions of nature, humanity, and the supernatural that are symbolically expressed in these phenomena and give them unity.

**ANTH-2160(3) INDIGENOUS PEOPLE AND THE INDUSTRIAL STATE (Le2,S1)** The course considers the situation of Indigenous peoples in the regions of Africa, the Americas, Asia and the Pacific. While these people have distinct cultural histories, their relations to nation-states are similar in important ways. Tensions between indigenous people and the industrial state centre on such issues as external market dependency, diversification, and size of the government sector. Students critique standard definitions of progress and efficiency. The implications of contemporary industrial development projects for the future of human societies are studied within the framework of the primal insights, values and definitions shared by Indigenous peoples throughout the globe.

**PREREQUISITES:** ANTH-1001(6) or ANTH-1002(3) or IDS-1100(6) or permission of Coordinator/Chair.

**CROSS-LISTED:** International Development Studies IDS-2160(3).

**ANTH-2200(3) METHOD AND THEORY IN ARCHAEOLOGY (Le3)** This is a core course designed to convey the essentials of archaeological method and theory as they relate to each other. Theoretical and procedural trends are examined to illuminate the nature of contemporary archaeological research. Selected findings of this research are reviewed in accord with the major concepts of archaeology and development of the methodologies employed.

**PREREQUISITES:** ANTH-1001(6) or ANTH-1003(3) or permission of instructor required in absence of pre-requisite.

**ANTH-2202(3) ARCHAEOLOGY OF NORTH AMERICA (Le3,La1)** This course surveys the archaeology of North American indigenous peoples before European contact. Major culture areas are examined, including the Southwest, Northwest Coast, Arctic, Plains, and Northeast. The regional focus may vary from year to year.

**RESTRICTIONS:** May not be taken by students with credit in the former ANTH-2202(6).

**ANTH-2210(3) RISE OF NEW WORLD CIVILIZATION (Le3)** This course covers the period from the origins of agriculture to the rise of historically recorded New World civilizations such as Aztec, Inca, and Maya. Special emphasis is given to the background and origin of food production through the domestication of plants and animals, and to the development of urban centres. Regional emphasis may vary from year to year.

**RESTRICTIONS:** May not be taken by students with credit in the former ANTH-2210(6).

**ANTH-2211(3) RISE OF OLD WORLD URBANISM (Le3)** This course examines the origins and development of urbanism in the Old World with emphasis on the prehistoric archaeological record. Topics discussed include the forces behind an increase in population density, the role of urbanism in state formation, and the problem of urban collapse. Regional and chronological coverage may vary from year to year.

**CROSS-LISTED:** Urban and Inner-City Studies, UIC-2211(3).

**ANTH-2214(3) ARCHAEOLOGICAL FIELD SCHOOL (P,V)** This course number allows students who complete a recognized archaeological field school weighted at three credit hours to transfer equivalent credit to the University of Winnipeg. Only field schools offering both a theoretical lecture component and an intensive field component are accepted. Students must meet all requirements set by individual field schools.

**RESTRICTIONS:** Students must receive departmental permission to enrol in an outside field school for academic credit. Students may not receive credit for both ANTH-2214(3) and ANTH-2220(6).

**ANTH-2220(6) ARCHAEOLOGICAL FIELD SCHOOL (P, V)** This number allows students who complete a recognized archaeological field school weighted at six credit hours to transfer equivalent credit to the University of Winnipeg. Only field schools offering both a theoretical lecture component and an intensive field component are accepted. Students must meet all requirements set by individual field schools.

**RESTRICTIONS:** Students must receive departmental permission to enrol in an outside field school for academic credit. Students may receive credit in ANTH-3206(6) and either ANTH-2214(3) or ANTH-2220(6).

**ANTH-2300(3) METHOD AND THEORY IN BIOLOGICAL ANTHROPOLOGY (Le3)** This core course examines the theoretical framework of Biological (Physical) Anthropology and the nature of current human biological variation. Topics include evolutionary theory, human genetics, modern human biological variation, human adaptation to the environment, and demographic processes.

**PREREQUISITES:** ANTH-1001(3) or ANTH-1003(3) or any 1000-level biology course or permission of the instructor is required in absence of pre-requisite.

**ANTH-2304(3) INTRODUCTION TO FORENSIC ANTHROPOLOGY (Le3)** This course introduces key aspects of forensic anthropology in a framework that is not dependent upon prior knowledge of scientific methods. Topics include approaches to the interpretation of skeletal remains and DNA evidence, and the application of information from other sciences to forensic analysis.

**ADDITIONAL REQUIREMENT:** Completion of 30 credit hours.

**ANTH-2400(3) METHOD AND THEORY IN LINGUISTIC ANTHROPOLOGY (Le3)** This course examines the relationship between language and culture and compares different languages in order to understand language typology and the development of theories of language variation and linguistic universals. Topics include the constituent elements of language structure, and pragmatic features, such as gendered language, language change, and the Sapir-Whorf hypothesis.

**PREREQUISITES:** ANTH-1001(6) or ANTH-1002(3) or permission of the Instructor in the absence of pre-requisites.

**ANTH-3100(3)/ ANTH-4100(3) HISTORY OF ANTHROPOLOGY (Le3)** This course examines the development and influence of select schools of anthropological thought and practice from the nineteenth century to the present. Emphasis is given to the approach and contribution of individual scholars, and to the impact of institutions and historically significant events and trends in shaping disciplinary ideas. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2100(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission.

**RESTRICTIONS:** Students may not receive credit for ANTH-3100(3) and ANTH-4100(3). Students with credit in the former ANTH-4101(6) may not receive credit for ANTH-3100(3) or ANTH-4100(3).

**ANTH-3103(3) APPLIED ANTHROPOLOGY (Le3)** This is a course in the identification and resolution of cultural stress using anthropological knowledge and technique. Various approaches including community development and community organization are considered for non-literate, peasant, and urban settings.

**PREREQUISITES:** ANTH-1001(6) or ANTH-1002(3) or permission of the instructor.

**ANTH-3113(3) / ANTH-4113(3) ALGONQUIAN ETHNOGRAPHY (Le,S3)** Students in this course will read



ethnographies, myths and oral histories in order to gain an understanding of the culture of Ojibwe and Cree peoples living in northern Manitoba and Ontario. A holistic approach is used to stress the interrelationship of traditional subsistence activities, spirituality, language and world view. Contemporary economic, social and political issues are also discussed to give students an appreciation of how traditional practices continue to be adapted to meet the challenges of contemporary life. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2100(3) or permission of instructor.

All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for both ANTH-3113(3) and ANTH-4113(3).

**ANTH-3116(3) / ANTH-4116(3) SYMBOLIC ANTHROPOLOGY (Le,S3)** Symbolic anthropology explores indigenous peoples' understandings of their myths and rituals. In this course students learn techniques to analyze and interpret a variety of narratives, rituals and cultural performances. Readings systemically include classic works as well as contemporary work in the field. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2100(3) or permission of instructor. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for both ANTH-3116(3) and ANTH-4116(3).

**ANTH-3117(3) / ANTH-4117(3) ETHNOHISTORIC METHODS AND THEORY (Le,S3)** Ethnohistory combines ethnographic and historical methods to study changes in cultures over time. In this course students gain a theoretical understanding of ethnohistory through a series of readings that explore differences between oral and written texts. They also gain a practical understanding of the discipline through the transcription of an oral text, which is contextualized through library and/or archival research. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITE:** ANTH-2100(3) or permission of the instructor. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for both ANTH-3117(3) and ANTH-4117(3) or HIST-3526(3) and HIST-4526(3).

**CROSS-LISTED:** HIST-3526(3) / HIST-4526(3).

**ANTH-3120(3) ABORIGINAL PEOPLES OF ARCTIC CANADA (Le3)** This course focuses on the Inuit and their ancestors, inhabitants of Canada's Arctic and adjacent regions for nearly 5000 years. It examines the origins and development of their pre-and post-contact culture in light of archaeological and ethnographic evidence, with emphasis on regional variations in subsistence and settlement patterns, social organizations, intellectual life, and contact with Euro-Canadian institutions, ideas, and state policy. The course concludes by considering Inuit culture identity in the 21<sup>st</sup> century.

**RESTRICTIONS:** Students may not receive credit for both ANTH-2118(3) AND ANTH-3120(3).

**CROSS-LISTED:** HIST-3522(3).

**ANTH-3125(3) / ANTH-4125(3) ETHNOGRAPHIC RESEARCH METHODS (Le3, LaV)** This course offers students an opportunity to learn and apply ethnographic research and field techniques. Areas of instruction include participant observation, surveys, and interviews, the

recording of data in field notes and by such means as video, photography and mapping, and ethical considerations in contemporary research settings. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2100(3) or permission of the instructor required in absence of the pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for ANTH-3125 and ANTH-4125(3) and the former ANTH-4108(3).

**ANTH-3126(6) MATERIAL CULTURE IN THE HISTORY OF THE ABORIGINAL PEOPLES OF CANADA (Le,S3)** This lecture/seminar course traces Canadian Aboriginal history from pre-contact times to the early 20th century through a close examination of Aboriginal and fur trade material culture. Throughout the course of the fur trade Aboriginal people and Europeans exchanged and adopted various technologies. These exchanges were of critical importance in shaping relations between Euro-American traders and Aboriginal peoples. This course explores various ways in which Aboriginal and European technologies complemented each other and highlights the non-material meanings associated with particular artefacts. We examine the social, cultural and spiritual connotations that Aboriginal artefacts held and that European-introduced technologies and materials acquired.

**CROSS-LISTED:** HIST-3515(6).

**ANTH-3127(3) HISTORY OF THE ABORIGINAL PEOPLES OF THE NORTHERN PLAINS (Le,S3)** This lecture-seminar traces the history of Aboriginal Peoples on the Northern Plains from the pre-contact period to the mid 20th century on both sides of the present Canadian-U.S. border. Ancient plains cultures, the introduction of European technologies, the fur trade, struggles for regional dominance and control over resources, advancing European settlement, and the establishment of reservations/reserve constitute the major topics of this lecture seminar. In a comparative approach, this course explores critical differences and similarities in Aboriginal history on both sides of the Canadian and US border.

**CROSS-LISTED:** HIST-3518(3).

**ANTH-3128(3) HISTORY OF EASTERN AND SUBARCTIC ALGONQUIAN PEOPLES (Le,S3)**

This lecture/seminar course traces the histories of eastern and subarctic Algonquian peoples from the Powhatans and Mi'kmaq to the Ojibwe and Cree, from earliest times to the early twentieth century. Oral records, documentary sources, and secondary materials are used to present and juxtapose Aboriginal and European perspectives throughout the course. Topics include group origins, languages, gender relations, and cultural, political, and social history, as well as the effects of contact and governmental policies.

**CROSS-LISTED:** HIST-3528(3)

**ANTH-3132(3) HISTORY OF THE IROQUOIAN PEOPLES (Le,S3)** This lecture/seminar course examines the history of the Iroquoian peoples in Eastern North America from the precontact time until the present. Emphasis is placed on the Iroquois Confederacy and the Huron (Wendat) peoples living in Canada and the United States. Topics include the origins of the Iroquois Confederacy, the fur trade and Christian missions, the Iroquois Wars and the destruction of Huronia in 1649, the dispersal and migration of Iroquois and Huron communities through the Great Lakes region and the Saint Lawrence Valley, and the influence of the Canada-US border on Iroquois communities.

**CROSS-LISTED:** HIST-3532(3)

**ANTH-3160(3) CULTURAL PERSPECTIVES ON GLOBAL PROCESSES (Le1, S2)** The focus of this course is threefold.

First it seeks to apply cultural perspectives on 'global scale theory.' Second, we will discern the linkages among some of the main processes at work in 'global systems.' Main processes include communications, transportation, migration, capital, manufacture of export goods, non-state political organizations, and environmental and human health research. The emphasis will be on how two or more of these interact. Third, we will discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships will be chosen in response to interests of those taking the course, and will be developed by group reading and discussion, and individually in term paper projects.

**PREREQUISITES:** IDS-1100(6) OR ANTH-1001(6) OR ANTH-1002(3) or permission of Coordinator/Chair.

**CROSS-LISTED:** International Development Studies IDS-3160(3).

#### **ANTH-3203(6) ARCHAEOLOGICAL FIELD SCHOOL (P,V)**

An intensive course planned and programmed to provide students with practical archaeological experience through excavation of one or more sites. Instruction begins shortly after regular session examinations, and employs lecture, field, and laboratory components in order to teach excavation techniques, processing, analyzing and interpreting of archaeological data.

**PREREQUISITES:** ANTH-1001(6) or ANTH-1003(3) and ANTH-2200(3). Enrolment is limited - submit application to the Department Chair. Dates to be established annually and published by March 1<sup>st</sup>.

#### **ANTH-3204(3) / ANTH-4204(3) ISSUES IN PREHISTORIC ARCHAEOLOGY(Le3)**

This course examines select issues in methodology and/or interpretation of the archaeological record of New World and/or Old World populations prior to the end of the last glacial period, circa 10,000 years ago. Content may vary from year to year and be thematic, regional, and/or chronological in nature. Information about each year's topic can be obtained from the instructor. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2200(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

#### **ANTH-3205(3) / ANTH-4205(3) ISSUES IN THE RISE OF CIVILIZATION (Le3)**

This course explores issues of methodology and/or interpretation pertaining to the Old World and/or New World archaeological record of the last 10,000 years. This is a period of major intensification of cultural complexity, the origins of agriculture, and the appearance of urban civilizations. Content may vary from year to year and be thematic, regional, and/or chronological in nature. Information about each year's topic can be obtained from the instructor. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2200(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

#### **ANTH-3206(3) / ANTH-4206(3) THE ORIGINS OF HUMAN CULTURE (Le3)**

Looking at developments in the Old World, this course examines the two million year period from the first appearance of human culture to the agricultural revolution some twelve thousand years ago. It emphasizes the increase in cultural complexity and specialization over time, and the way that culture has permitted humans to adapt to their environment. As well as discussing the general nature of the prehistoric record, the course examines such general questions as the origins of cultural behaviour, the ecology

and chronology of the Pleistocene period, demographic evolution and reconstruction, and the relationship between cultural and biological evolution. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2200(3) or permission of instructor. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students with standing in ANTH-3202(3) may not receive credit for ANTH-3206(3) or ANTH-4206(3).

#### **ANTH-3207(3) ZOOARCHAEOLOGY (Le3, LaV)**

This course introduces analytical and theoretical aspects of zooarchaeology through lectures and laboratory exercises focusing on the comparative skeletal anatomy of various mammal, bird, fish, amphibian and reptile species. Topics include post-depositional changes to bones, sampling and recovering faunal remains, ageing and sexing of bone, reconstructing past environments and human dietary strategies, evidence of animal domestication, and bone tool technology.

**PREREQUISITES:** ANTH-2200(3) or permission of the instructor required in the absence of pre-requisite.

#### **ANTH- 3209(3) / 4209(3) ARCHAEOLOGY OF GENDER (S3)**

This course is divided into two main components: examining the role and result of gender bias in archaeological research and analysis of the past; and exploring ways to study gender from the archaeological record. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2200(3) or permission of the instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for both ANTH-3209(3) and ANTH-4209(3).

#### **ANTH-3210(3) / ANTH-4210(3) ARCHAEOLOGICAL LABORATORY METHODS (LaV)**

This course focuses on processing, analysing, and interpreting archaeological materials. It examines a range of specialized techniques for studying lithic, ceramic, botanical, and geological evidence recovered at archaeological sites, and for establishing their temporal context. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2200(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for both ANTH-3210(3) and ANTH-4210(3).

#### **ANTH- 3213(3)/ANTH- 4213(3) ADVANCED ARCHAEOLOGICAL THEORY (S3)**

Major trends in the development and application of archaeological theory are explored, with special emphasis on perspective initiated since the beginning of the 20<sup>th</sup> century. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2200(3) or permission of the instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for both ANTH-3213(3) and ANTH-4213(3). Students with credit in the former ANTH-4203(3) may not receive credit for ANTH-3213(3) or ANTH-4213(3).

**ANTH-3220(3) ARCHAEOASTRONOMY (Le3)** Using archaeological and ethnographic sources, this course explores

the significance and incorporation of astronomical knowledge and symbolism in the indigenous art, architecture, and ideologies of Mesoamerica, Andean South America, and North America.

**RESTRICTIONS:** Students may not receive credit for ANTH-3220(3) and the former ANTH-4207(3).

**ANTH-3302(3) / ANTH-4302(3) PRIMATE ADAPTATION, BIOLOGY, AND EVOLUTION (Le3,LaV)** This course examines the anatomy and evolution of the non-human primates. The primary emphasis is on the fossil record. Topics include the reconstruction of behaviour from fossil remains, the evolution of modern primate groups, and the origin of the Order Primates. Frequent lab sessions enhance and expand upon the information offered in lectures. Additional in-depth work is required to receive credit at the 4000 level..

**PREREQUISITES:** ANTH-2300(3).

**ADDITIONAL REQUIREMENTS:** Permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**ANTH-3306(3) HUMAN OSTEOLOGY (Le3, LaV)** This course covers basic human osteological development and identification. Topics include indicators of age and sex and comparison of primate and non-primate features. Emphasis is on the laboratory identification of complete and incomplete human skeletal material.

**PREREQUISITES:** Credit in at least one course in Physical/Biological Anthropology, or permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for ANTH-3306(3) or the former ANTH-4306(3).

**ANTH-3308(3) / ANTH-4308(3) HUMAN EVOLUTION (Le3,LaV)** This course examines the evolution of our species, from the earliest hominins to the appearance of anatomically modern humans. Emphasis is on the material evidence for human evolution, and in particular the fossil record. Topics include the environmental context of human evolution, the anatomical features of bipedalism, and the debates surrounding the origins of Anatomically Modern *Homo sapiens*: Occasional laboratory sessions enhance and expand upon the material presented in lectures. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2300(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**ANTH-3309(3) / ANTH-4309(3) PRIMATE BEHAVIOUR (Le3)** The purpose of this course is to acquaint students with the systems of non-human primate behaviour as they occur in a variety of ecological contexts. Some of the topics examined are taxonomy, behaviour and social organization in free-ranging and captive primates and theoretical views related to primate behaviour. Additional in-depth work is required to receive credit at the 4000 level. **PREREQUISITES:** ANTH-2300(3), the former ANTH-2303(3), or permission of instructor. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students with standing in ANTH-3304(3) may not receive credit for ANTH-3309(3) or ANTH-4309(3).

**ANTH-3310(3) / ANTH-4310(3) THE RACE CONCEPT IN PHYSICAL ANTHROPOLOGY (S3)** Much of the early history of the discipline of Anthropology was geared towards understanding biological and behavioural differences between

"races". Today this type of research has fallen out of favour, with the very existence of distinct biological races coming into question. This seminar course explores some of the key debates about the race concept in Physical Anthropology. The emphasis is on fostering critical reading of primary sources, and engendering active discussion on these issues in an open and non-judgmental environment.

**PREREQUISITES:** ANTH-2300(3) or permission of instructor. Course content is the same for ANTH-3310(3) and ANTH-4310(3). Additional in-depth work will be required to receive credit at the 4000 level. Students registering at the 4000 level must have the permission of the Department.

**ANTH-3400(3) / ANTH-4400(3) APPLIED LINGUISTIC ANTHROPOLOGY (S3)** This course applies the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of six different languages. The structure of these languages is compared and contrasted to explore typological patterns. Relations between the grammar and pragmatic features of the languages are also explored. Additional in-depth work is required to receive credit at the 4000 level.

**PREREQUISITES:** ANTH-2400(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature. It is recommended that students have taken one other second-year linguistic course in addition to the course pre-requisite. **RESTRICTIONS:** Students with credit in the former ANTH-2115(3) cannot receive credit for this course.

**ANTH-4001(3) DIRECTED READINGS/RESEARCH IN ANTHROPOLOGY (T)** This is a course which enables a student to acquaint himself or herself with the frontiers of Anthropological knowledge. In conjunction with an Instructor the student prepares a formal paper. This may be based upon specialized library research, laboratory work or field work.

**PREREQUISITES:** Permission of instructor.

**ANTH-4001(6) DIRECTED READINGS/RESEARCH IN ANTHROPOLOGY (T)** This is a course which enables a student to acquaint himself or herself with the frontiers of Anthropological knowledge. In conjunction with an Instructor the student prepares a formal paper. This may be based upon specialized library research, laboratory work or field work.

**PREREQUISITES:** Permission of instructor.

**ANTH-4102(3) PROBLEMS IN CULTURAL ANTHROPOLOGY (S3,LaV)** This seminar offers senior students a chance to investigate specific problems in cultural anthropology. Emphasis is on preparation and presentation of individual projects based on laboratory, library, museum, or field experience.

**PREREQUISITES:** ANTH-2100(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**ANTH-4103(3) SEMIOTICS AND STRUCTURALISM (Le,S3)** This course provides a theoretical overview of semiotics (the study of signs and of sign systems) and structuralism (a specific method of analyzing texts). Readings include selected works by Saussure, Peirce, Jakobson, Barthes, Derrida and others. Special emphasis is given to Lévi-Strauss' structural analysis of myths. Through a variety of projects, students will learn how to apply Lévi-Strauss' method to segment related myths and other texts into discrete units of plot, organize these into concordances, and

determine patterns of syntagmatic and paradigmatic association.

**PREREQUISITES:** ANTH-2100(3) or permission of the instructor.

**ANTH-4105(6) ABORIGINALS AND NEWCOMERS IN ENCOUNTER: SELECTED TOPICS (S3)** This seminar explores social and cultural interactions among Euro-Canadians and Aboriginal peoples, paying particular attention to Subarctic fur trade and mission contexts. After sampling recent writings in ethnohistory and Aboriginal history, the course draws on archival, visual, and oral records to offer some first-hand experience in dealing with primary source materials in this field of study.  
**CROSS-LISTED:** HIST-4570(6).

**ANTH-4200(3) ARCHAEOLOGICAL PROBLEMS (S3)** This seminar is designed to give senior students an opportunity to delve into specific problems in archaeology. Attention is paid to the presentation of individual projects involving library, laboratory, or field experience.  
**PREREQUISITES:** a 2000 or 3000-level Archaeology/Prehistory course or permission of the instructor.

**ANTH-4212(3) ADVANCED ZOOARCHAEOLOGY (Le3, LaV)** This lecture, lab, and seminar course offers in depth examination of select issues in zooarchaeological research and analysis, with special emphasis on the interpretation of human-animal relations in past cultures. Topics vary but may include microscopic analysis of bone and teeth, paleoecology, quantification of taxonomic abundance, economic utility indices, mortality profiles, and determination of animal domestication.  
**PREREQUISITES:** ANTH-3207(3) or permission of the instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**ANTH-4303(3) PROBLEMS IN HUMAN AND PRIMATE EVOLUTION (S3,LaV)** This is an advanced seminar designed to examine selected aspects of human and/or primate evolution in detail.

**PREREQUISITES:** At least one course in Physical Anthropology or permission of the instructor.

**ANTH-4305(3) PROBLEMS IN BIOLOGICAL ANTHROPOLOGY (S3)** This is an advanced seminar designed to examine selected aspects of method and/or theory in biological anthropology.

**PREREQUISITES:** ANTH-2300(3) or permission of the instructor required in absence of the pre-requisite. All students enrolling in a 4000 level course must have departmental permission.

**ANTH-4307(3) ADVANCED HUMAN OSTEOLOGY (S3,LaV)** This course covers analysis and interpretation of human osteological material. Topics include skeletal indicators of demographic, pathological, and nutritional factors, and approaches to the analysis of these types of data. An understanding of basic skeletal identification is assumed.

**PREREQUISITES:** ANTH-3306(3), the former ANTH-4306(3) or permission of the instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission. Students registering at the 4000 level with a GPA of less than 3.0 in Anthropology require the instructor's signature.

**RESTRICTIONS:** Students may not receive credit for ANTH-4307(3) and the former ANTH-4304(3).

**ANTH-4311(3) HUMAN PALEOPATHOLOGY (S3)** This seminar critically examines biological and cultural concepts and perspectives related to the study of health and disease in past populations. Topics include trauma, joint disease, infections, paleoparasitology, congenital disorders, and the role of human behaviour as a determinant of individual and population health outcomes.

**PREREQUISITES:** ANTH-3306(3), or the former ANTH-4306(3) or permission of instructor required in absence of pre-requisite. All students registering at the 4000 level must have departmental permission.

# APPLIED COMPUTER SCIENCE (ACS)

**Note: The department/program code ACS replaces the former codes 92 and 91. Students cannot hold credit in ACS-xxxx and the former 92.xxxx or 91.xxxx having the same course number (e.g., ACS-1803(3) and 92.1803(3) or 91.1803(3)).**

**Chair: Professor F. Chan;** Professors: S. Liao., S. Ramanna; Associate Professor: Y. Chen; Assistant Professors: P. Atrey, R. McFadyen; Instructors: J. Deng, E. Kaluzniacky.

<http://www.acs.uwinnipeg.ca>

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

3-Year BSc

4-Year BSc

Master of Science (M.Sc.)

## INTRODUCTION

The Applied Computer Science program (formerly Business Computing) focuses on the theory and application of computing in business and scientific environments. The rapidly growing field of applied computing offers an exciting range of careers from web application development to project management. The Applied Computer Science curriculum includes a wide range of courses that prepare you for a career as a systems analyst, designer, application programmer, database specialist, software engineer, or project manager. Our courses are designed to develop skills in object-oriented programming, systems analysis and design, database design, graphical user-interface design, development tools, and project management. We also offer state-of-the-art courses in data warehousing, internet programming, telecommunications, and system administration. Our team-oriented courses are meant to strengthen communication skills, expose you to group dynamics, and foster self-confidence. Our program will help you develop analytical thinking and software design and development skills by blending theoretical and practical aspects of applied computing.

The combination of core subjects and in-depth study in an area of application gives you the freedom to combine your interests in computing with other areas of study and application. The study of a second discipline gives you the necessary background to apply your knowledge effectively.

The Applied Computer Science program is designed to provide an excellent basis for graduate studies in either computer science or applied computing.

Depending on the courses you choose, this program can lead to a Bachelor of Arts (3-year or 4-year) or a Bachelor of Science (3-year or 4-year) and Honours. We recommend the four-year degree programs due to the greater depth of study.

## REQUIREMENTS FOR A 3-YEAR BA/BSc IN APPLIED COMPUTER SCIENCE

**ADMISSION REQUIREMENT** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science for BA  
18 credit hours in Science for BSc  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours in the Major subject.  
Major courses are those in Required Courses and Electives.  
Double Major: 30 or 36 credit hours in each Major subject or program, as specified.

Required courses:

**MATH-1401(3)** Discrete Mathematics  
**STAT-xxxx(3)** 3 credit hours from Statistics

**Either**

**ACS-1903(3)** Programming Fundamentals I **and**  
**ACS-1904(3)** Programming Fundamentals II  
**OR**  
**ACS-1905(3)** Programming Fundamentals **and**  
one of the courses from the electives listed below.  
**ACS-2906(3)** Computer Architecture and System Software  
**ACS-2909(3)** Introduction to Internet Programming

**ACS-2913(3)** Software Requirements Analysis and Design  
**ACS-2914(3)** Relational Database Application Development  
**ACS-2941(3)** Unix  
**OR**  
**ACS-3911(3)** Computer Networks  
**OR**  
**ACS-3931(3)** Principles of Operating Systems  
**ACS-2947(3)** Data Structures and Algorithms  
**ACS-3902(3)** Database Systems  
**ACS-3913(3)** Software Design and Architecture

Electives: Students wishing to take further courses towards the General degree with the Applied Computer Science Major should take up to 12 credit hours from the following:

**ACS-1803(3)** Introduction to Information Systems  
**ACS-2102(3)** Scientific Computing I  
**ACS-2916(3)** Business Application Systems  
**ACS-2951(3)** System Administration and Networking  
**ACS-3901(3)** Principles of Software Project Management  
**ACS-3907(3)** eCommerce  
**ACS-3908(3)** Introduction to Perl  
**ACS-3909(3)** Advanced Internet Programming

**ACS-3916(3)** Graphical User Interfaces  
**ACS-3923(3)** Technical Writing  
**ACS-3930(3)** Topics in Applied Computer Science  
**ACS-3941(3)** Implementation Issues in Object Oriented Languages  
**ACS-3947(3)** Algorithm Design  
**ACS-4904(3)** Data Warehousing  
**ACS-4953(3)** Introduction to Machine Learning  
**BUS-2002(3)** Introduction to Financial Accounting

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Required courses:

**ACS-1803(3)** Introduction to Information Systems  
**ACS-1903(3)** Programming Fundamentals I  
**ACS-1904(3)** Programming Fundamentals II  
**ACS-2906(3)** Computer Architecture and System Software  
**ACS-2913(3)** Software Requirements Analysis and Design

Additional Information:

Students are strongly advised to take more than 36 credit hours in Applied Computer Science.  
Students who wish to strengthen their business background are advised to take courses in Administrative Studies.

### Red River College

The Department of Applied Computer Science welcomes the transfer of Red River College students into the 3-Year Applied Computer Science program. The University of Winnipeg will grant a total of 30 credit hours in transfer credits to Red River College students who have successfully completed the Computer Analyst/Programmer (CAP) or the Information Systems Technology (IST) 2-year Diploma programs with an average of C+(2.5 GPA) or better. These credits can be applied to either a Science or an Arts degree. Further details regarding the transfer of credits and course requirements are available from the Department of Applied Computer Science or from Student Services at the University of Winnipeg. Those who wish to pursue a 4-year major need to consult the Chair of the department.

## REQUIREMENTS FOR A 3-YEAR BA/BSc IN INFORMATION SYSTEMS

**ADMISSION REQUIREMENT** Consumer Mathematics, Pre-Calculus Math 40s or Applied Math 40s.

**GRADUATION REQUIREMENT** 90 credit hours

**RESIDENCE REQUIREMENT**

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

**GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science for BA  
18 credit hours in Science for BSc

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours in the Major subject.  
Major courses are those in Required Courses and Electives.

Double Major: 30 or 36 credit hours in each Major subject or program, as specified.

Required courses:

### Year 1 courses: 9 credit hours

**ACS-1803(3)** Introduction to Information Systems

**ACS-1805(3)** Introduction to Programming and

**ACS-1903(3)** Programming Fundamentals I

OR

**ACS-1903(3)** Programming Fundamentals I and

**ACS-1904(3)** Programming Fundamentals II

OR

**ACS-1905(3)** Programming Fundamentals and

one of the ACS courses at 2000 level or above

### Year 2 courses: 12 credit hours

**ACS-2814(3)** Applications of Database Systems

OR

**ACS-2914(3)** Relational Database Application

Development

**ACS-2909(3)** Introduction to Internet Programming

**ACS-2913(3)** Software Requirements Analysis and Design

**ACS-2916(3)** Business Application Systems

### Year 3 courses: 15 credit hours

**ACS-3801(3)** Principles in Information Systems

**ACS-3811(3)** Telecommunications

OR

**ACS-3911(3)** Computer Networks

**ACS-3816(3)** User Interfaces for Information Systems

OR

**ACS-3916(3)** Graphical User Interfaces

**ACS-3907(3)** eCommerce

**ACS-3923(3)** Technical Writing

**Electives:** Students wishing to take further ACS courses towards the General degree with the Information Systems stream may take a maximum of 12 credit hours from the following:

**ACS-2941(3)** Unix

**ACS-3830(3)** Topics in Information Systems

**ACS-3902(3)** Database Systems

**ACS-3909(3)** Advanced Internet Programming

**ACS-3913(3)** Software Design and Architecture

**Additional Electives:** The following courses may also be of interest to students in this program:

### Business and Administration

**BUS-1201(3)** Introduction to Business I

**BUS-1202(3)** Introduction to Business II

**BUS-2002(3)** Fundamentals of Financial Accounting

**BUS-2003(3)** Introduction to Managerial Accounting

**BUS-2103(3)** Fundamentals of Organizational Behaviour

**BUS-2210(3)** Fundamentals of Marketing

**BUS-2501(3)** Fundamentals of Production and

Operational Management

### Mathematics and Statistics

**MATH-1102(3)** Basic Calculus

**MATH-1201(3)** Linear Algebra I

**MATH-1401(3)** Discrete Mathematics

**STAT-xxxx(3)** any course in Statistics

### Conflict Resolution Studies

**CRS-1200(6)** Introduction to Conflict Resolution Studies

**CRS-2210(3)** Conflict Theory and Analysis

### Economics

**ECON-1104(3)** Introduction to Economic Theory

## REQUIREMENTS FOR A 4-YEAR BA IN APPLIED COMPUTER SCIENCE

**ADMISSION REQUIREMENT** Students must consult with the Department 4-Year Advisor in planning their studies.  
Students must have minimum 30 credit hours completed previously.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours

Science: 6 credit hours

Social Science: 12 credit hours

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major:	Minimum 57 credit hours/Maximum 66 credit hours. Major courses are those listed in Groups I and II in below.
Cognates:	Minimum of 18 credit hours, maximum of 36 credit hours from Group III. Maximum total of cognate and major courses is 84 credit hours combined.
Required/Electives courses:	Group I. See the 4-Year BSc Requirements. Group II. See the 4-year BSc Requirements. Group III. A total of 18 credit hours must be chosen from at most three departments that offer a BA. Of these, 6 credits must be at least at the 2000 level or above. You are strongly advised to consult the Chair or the 4-Year Advisor prior to taking any Group III courses.
Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	
	<b>ACS-1803(3)</b> Introduction to Information Systems
	<b>ACS-1903(3)</b> Programming Fundamentals I
	<b>ACS-1904(3)</b> Programming Fundamentals II
	<b>ACS-2906(3)</b> Computer Architecture and System Software
	<b>ACS-2913(3)</b> Software Requirements Analysis and Design

## REQUIREMENTS FOR A 4-YEAR BSc IN APPLIED COMPUTER SCIENCE

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Department 4-Year Advisor in planning their studies. Students must have minimum 30 credit hours completed previously.
<b>GRADUATION REQUIREMENT</b>	120 credit hours, that is, 90 credit hours meeting the requirements for the BA or BSc General plus 30 credit hours of additional credit hours.

### RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three(3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major:	Minimum 57 credit hours/Maximum 78 credit hours. Major courses are those listed in Groups I and II below. 18 credit hours in Group III.
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Required courses:

### Group I:

All of:	
<b>MATH-1401(3)</b>	Discrete Mathematics
<b>STAT-xxxx(3)</b>	3 credit hours from Statistics
<b>Either</b>	
<b>ACS-1903(3)</b>	Programming Fundamentals I <b>and</b>
<b>ACS-1904(3)</b>	Programming Fundamentals II
<b>OR</b>	
<b>ACS-1905(3)</b>	Programming Fundamentals <b>and</b>
	one of the courses at 2000 level or above from the Group II
	electives.
<b>ACS-2906(3)</b>	Computer Architecture and System
	Software
<b>ACS-2909(3)</b>	Introduction to Internet Programming
<b>ACS-2913(3)</b>	Software Requirements Analysis and
	Design
<b>ACS-2914(3)</b>	Relational Database Application
	Development
<b>ACS-2947(3)</b>	Data Structures and Algorithms

<b>ACS-3901(3)</b>	Principles of Software Project Management
<b>ACS-3902(3)</b>	Database Systems
<b>ACS-3911(3)</b>	Computer Networks
<b>OR</b>	
<b>ACS-3931(3)</b>	Principles of Operating Systems
<b>ACS-3913(3)</b>	Software Design and Architecture
<b>ACS-3916(3)</b>	Graphical User Interfaces
<b>ACS-4901(6)</b>	Senior Systems Development Project

### Select 9 credits from the following list:

<b>ACS-3909(3)</b>	Advanced Internet Programming
<b>ACS-4902(3)</b>	Advanced Database Systems
<b>ACS-4904(3)</b>	Data Warehousing
<b>ACS-4953(3)</b>	Introduction to Machine Learning
<b>ACS-4954(3)</b>	Introduction to Distributed Systems



**Group II Electives:** Students wishing to take further courses towards the 4-Year Degree should take up to 21 credit hours from the following:

<b>MATH-1201(3)</b> Linear Algebra 1	<b>ACS-3941(3)</b> Implementation Issues in Object-Oriented Languages
<b>ACS-1803(3)</b> Introduction to Information Systems	<b>ACS-3947(3)</b> Algorithm Design
<b>ACS-1805(3)</b> Introduction to Programming	<b>ACS-4930(6)</b> Research Project in Applied Computer Science
<b>ACS-2916(3)</b> Business Application Systems	<b>ACS-4931(3)</b> Research Project in Applied Computer Science
<b>ACS-2941(3)</b> Unix	<b>ACS-4946(3)</b> Web Application Design and Development
<b>ACS-2951(3)</b> System Administration and Networking	
<b>ACS-3907(3)</b> eCommerce	
<b>ACS-3908(3)</b> Introduction to Perl	
<b>ACS-3923(3)</b> Technical Writing	
<b>ACS-3930(3)</b> Topics in Applied Computer Science	

**Group III Other courses:** A total of 18 credit hours must be chosen from at most three of the following departments: Business and Administration, Biology, Chemistry, Geography, Physics, Mathematics and Statistics. Of these, 6 credits must be at least at the 2000 level or above. You are strongly advised to consult the Chair or the 4-Year Advisor prior to taking any Group III courses.

**Additional Courses:**

- Students wishing to take further courses towards the 4-Year degree may select additional Applied Computer Science courses not already taken from Group II listed above.
- Students are encouraged to take more than 57 credit hours in Applied Computer Science.
- Students wishing to take ACS-2916(3) Business Application Systems must complete ACS-1803(3).
- Students wishing to take ACS-4954(3) Introduction to Distributed Systems are encouraged to take ACS-2941(3) or ACS-2951(3).
- Students wishing to pursue the 4-Year degree must consult with the Chair of Applied Computer Science and complete a 4-Year declaration form before registering for their eleventh course (63<sup>rd</sup> credit hour).

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

<b>ACS-1803(3)</b> Introduction to Information Systems
<b>ACS-1903(3)</b> Programming Fundamentals I
<b>ACS-1904(3)</b> Programming Fundamentals II
<b>ACS-2906(3)</b> Computer Architecture and System Software
<b>ACS-2913(3)</b> Software Requirements Analysis and Design

## REQUIREMENTS FOR THE BSc (HONOURS) IN APPLIED COMPUTER SCIENCE

<b>ADMISSION REQUIREMENT</b>	Students must consult with and have the approval of the Department Chair or Chair-designate in planning their studies. Students must have completed 30 credit hours.
<b>GRADUATION REQUIREMENT</b>	120 credit hours.
<b>GRADUATION GPA REQUIREMENT:</b>	To graduate with a BSc (Honours), students must have a minimum GPA of 3.0 in all major (Applied Computer Science) courses which will be calculated on all course attempts in the major, and a minimum GPA of 2.75 in all non-major courses which will be calculated as for the general degree.
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours are at the 4000 level.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three(3) credit hours from each of five (5) different subjects.
<b>HONOURS REQUIREMENT</b>	
Single Honours:	Minimum 60 credit hours in the Major. Minimum 30 credit hours in the courses listed in Groups I at the upper level (3000/4000) of which a minimum of 15 credit hours must be at the 4000 level.

Required courses:

**Group I:**

**MATH-1401(3)** Discrete Mathematics

**STAT-xxxx(3)** 3 credit hours from Statistics

**Either**

**ACS-1903(3)** Programming Fundamentals I **and**

**ACS-1904(3)** Programming Fundamentals II

**OR**

**ACS-1905(3)** Programming Fundamentals **and**

one of the courses at 2000 level or above from the Group II electives.

**ACS-2906(3)** Computer Architecture and System Software

**ACS-2909(3)** Introduction to Internet Programming

**ACS-2913(3)** Software Requirements Analysis and Design

**ACS-2914(3)** Relational Database Application Development

**ACS-2947(3)** Data Structures and Algorithms

**ACS-3901(3)** Principles of Software Project Management

**ACS-3902(3)** Database Systems

**ACS-3911(3)** Computer Networks

**OR**

**ACS-3931(3)** Principles of Operating Systems

**ACS-3913(3)** Software Design and Architecture

**ACS-3916(3)** Graphical User Interfaces

**ACS-4901(6)** Senior Systems Development Project

**Minimum 9 credit hours selected from the following courses:**

**ACS-4902(3)** Advanced Database Systems

**ACS-4904(3)** Data Warehousing

**ACS-4946(3)** Web Application Design and Development

**ACS-4953(3)** Introduction to Machine Learning

**ACS-4954(3)** Introduction to Distributed Systems

**Group II Electives**

**MATH-1201(3)** Linear Algebra 1

**ACS-1803(3)** Introduction to Information Systems

**ACS-1805(3)** Introduction to Programming

**ACS-2102(3)** Scientific Computing I

**ACS-2916(3)** Business Application Systems

**ACS-2941(3)** Unix

**ACS-2951(3)** System Administration and Networking

**ACS-3907(3)** eCommerce

**ACS-3908(3)** Introduction to Perl

**ACS-3909(3)** Advanced Internet Programming

**ACS-3923(3)** Technical Writing

**ACS-3930(3)** Topics in Applied Computer Science

**ACS-3941(3)** Implementation Issues in Object-Oriented Languages

**ACS-3947(3)** Algorithm Design

**ACS-4930(6)** Research Project in Applied Computer Science

**ACS-4931(3)** Research Project in Applied Computer Science

Students must complete an Honours BSc degree form available at the department office.

Any additional 3 credit courses in Group I or Group II except first year courses.

## GENERAL INFORMATION

### Prerequisites

Students are advised to pay attention to the prerequisites for each Applied Computer Science course when planning a program of study. Students can visit the department website for more guidance.

Prerequisites are waived only in the case of clearly demonstrated equivalent knowledge. Only the Department Chair has the authority to grant prerequisite waivers.

### Admission to Applied Computer Science Courses

Students are advised that a priority admission procedure may be used in the event that enrolments in Applied Computer Science courses are limited. For all courses, previous overall academic performance may be considered. For 2000-, 3000-, and 4000-level courses, grades achieved in prerequisite courses may also be considered.

Priority for entry into **ACS-4901(6)** will be given to students who require the course for graduation in the 4-Year degree program. Only the Chair of the department has the authority to admit students to courses that are full.

### Graduate Studies

Students planning to continue with graduate studies are advised to consult with the Department before entering Year 2 of their studies.

### Course Substitutions

Applied Computer Science courses were formerly numbered in the **32(MATH).xxxx** series and **92/91(BUSC).xxxx**. All courses with **32(MATH).xxxx** and **92/91(BUSC).xxxx** numbers may be substituted for corresponding **ACS-xxxx** numbers in meeting degree requirements.

## COURSE LISTINGS

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

<b>ACS-1453(3)</b>	Introduction to Computers	<b>ACS-3908(3)</b>	Introduction to Perl
<b>ACS-1803(3)</b>	Introduction to Information Systems	<b>ACS-3909(3)</b>	Advanced Internet Programming
<b>ACS-1805(3)</b>	Introduction to Programming	<b>ACS-3911(3)</b>	Computer Networks
<b>ACS-1903(3)</b>	Programming Fundamentals I	<b>ACS-3913(3)</b>	Software Design and Architecture
<b>ACS-1904(3)</b>	Programming Fundamentals II	<b>ACS-3916(3)</b>	Graphical User Interfaces
<b>ACS-1905(3)</b>	Programming Fundamentals	<b>ACS-3923(3)</b>	Technical Writing
<b>ACS-2102(3)</b>	Scientific Computing I	<b>ACS-3930(3)</b>	Topics in Applied Computer Science
<b>ACS-2814(3)</b>	Applications of Database Systems	<b>ACS-3931(3)</b>	Principles of Operating Systems
<b>ACS-2906(3)</b>	Computer Architecture and System Software	<b>ACS-3941(3)</b>	Implementation Issues in Object Oriented Languages
<b>ACS-2909(3)</b>	Introduction to Internet Programming	<b>ACS-3947(3)</b>	Algorithm Design
<b>ACS-2913(3)</b>	Software Requirements Analysis and Design	<b>ACS-4901(6)</b>	Senior Systems Development Project
<b>ACS-2914(3)</b>	Relational Database Application Development	<b>ACS-4902(3)</b>	Advance Database Systems
<b>ACS-2916(3)</b>	Business Application Systems	<b>ACS-4904(3)</b>	Data Warehousing
<b>ACS-2941(3)</b>	Unix	<b>ACS-4930(6)</b>	Research Project in Applied Computer Science
<b>ACS-2947(3)</b>	Data Structures and Algorithms	<b>ACS-4931(3)</b>	Research Project in Applied Computer Science
<b>ACS-2951(3)</b>	System Administration and Networking	<b>ACS-4946(3)</b>	Web Application Design and Development
<b>ACS-3801(3)</b>	Principles in Information Systems	<b>ACS-4953(3)</b>	Introduction to Machine Learning
<b>ACS-3811(3)</b>	Telecommunications	<b>ACS-4954(3)</b>	Introduction to Distributed Systems
<b>ACS-3816(3)</b>	User Interfaces for Information Systems		
<b>ACS-3830(3)</b>	Topics in Information Systems		
<b>ACS-3901(3)</b>	Principles of Software Project Management		
<b>ACS-3902(3)</b>	Database Systems		
<b>ACS-3907(3)</b>	eCommerce		

## COURSE DESCRIPTIONS

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

**ACS-1453(3) INTRODUCTION TO COMPUTERS (Le3)**  
This course will introduce students to the basic concepts of computers: types of computers, hardware, software, and types of application systems. Students will receive instruction in a variety of software intended for personal use. Software used will include word processing, spreadsheets, databases, charting and graphing tools, and common Internet clients and resources. There will be an extensive laboratory component.  
**Note:** This course does not apply toward the Major in Applied Computer Science.

**ACS-1803(3) INTRODUCTION TO INFORMATION SYSTEMS (Le3)** This course examines applications of information technology to businesses and other organizations. After an introduction to computers and data management, the course outlines various categories of information systems, (e.g., systems for transaction processing, managerial reporting, customer relationship management, decision support, enterprise resource planning, and e-commerce), with examples from current practice. System development, system security, systems consulting, and IT administration are also discussed. Focus is mostly on functional aspects of systems providing a valuable background for students in applied computer science, business and administration, and other disciplines. Students who require an introduction to personal computers and productivity software should take ACS-1453.

**ACS-1805(3) INTRODUCTION TO PROGRAMMING (Le3,La1)** This course covers elementary procedural

programming concepts. Topics include: primitive data types and their manipulation, basic input and output and elementary control structures. In addition, topics related to a specific programming paradigm that is chosen for the course is covered. Students will gain hands-on programming experience in the laboratory component of the course.

**ACS-1903(3) PROGRAMMING FUNDAMENTALS I (Le3,La1)** This course introduces fundamental programming concepts using an object-oriented programming language. Topics to be covered include primitive data types and their manipulation, control structures, classes, objects and arrays.  
**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S or a grade of at least C in ACS-1805.

**ACS-1904(3) PROGRAMMING FUNDAMENTALS II (Le3,La1)** This course examines more advanced programming concepts using an object-oriented programming language. Topics to be covered include inheritance, polymorphism, sorting techniques, string processing, interfaces, files and packages.  
**PREREQUISITES:** A grade of at least C in ACS-1903(3).  
**RESTRICTIONS:** Students may not receive credit in this course and the former 92/91.1902(3).

**ACS-1905(3) PROGRAMMING FUNDAMENTALS (Le3, La1)** This course assumes that students already have working knowledge of an object-oriented programming language as well as effective use of data types and control structures. This course begins with an overview of the object-oriented programming language and then more

advanced topics in order to extend the student's programming skill. Topics to be covered include inheritance, polymorphism, sorting techniques, string processing, interfaces, files and packages.

**PREREQUISITES:** A minimum grade of 75 (or equivalent) in Computer Science 40S plus one of Pre-Calculus Mathematics 40S, Applied Mathematics 40S or a grade of at least C in ACS-1805.

**RESTRICTIONS:** Students may not receive credit in this course and in any of ACS-1903(3), ACS-1904(3) or the former 92/91.1901(3) and 92/91.1902(3).

**ACS-2102(3) SCIENTIFIC COMPUTING I: PROGRAMMING FUNDAMENTALS IN C (Le3)** Many problems arising in science are too difficult to solve analytically, and thus require analysis of some form by a computer. Using the language of C/C++, this course introduces the most common programming constructs used in scientific computing. The critical importance of data structures to represent information is emphasized, which naturally leads to an object-oriented approach to problem solving. The use of external libraries, such as those for numerical analysis, to solve more advanced problems are explored, with attention paid to checks that can be made on the reliability of the results.

**CROSS-LISTED:** PHYS-2102(3).

#### **ACS-2814(3) APPLICATIONS OF DATABASE SYSTEMS**

**(Le3,La1)** This course introduces students with limited computing experience to the principles of data management. The emphasis is on practical database experience reinforced through assignments and weekly laboratory work. Students learn first to work with a workstation-based database system and subsequently they are introduced to the design of databases and their implementation in relational systems. Topics include tables, queries, forms, reports, importing and exporting data, structured query language, entity relationship models, the relational data model, and normalization of databases. Examples, assignments, and laboratory work are drawn from a variety of different disciplines.

**RESTRICTIONS:** Cannot be held with ACS-2914(3).

#### **ACS-2906(3) COMPUTER ARCHITECTURE AND**

**SYSTEM SOFTWARE (Le3)** The course begins with discussions of the architecture of computer hardware and progresses to an examination of system software, including its relationship to the hardware, its structure and design, and its impact on application software, system developers, and end-users. Operating system concepts such as memory management, process management, and I/O sub-systems will be covered. Other topics include language processors, system utilities, security issues, and performance management.

**PREREQUISITES:** A grade of at least C in ACS-1904(3) or ACS-1905(3).

**CO-REQUISITES:** MATH-1401(3).

#### **ACS-2909(3) INTRODUCTION TO INTERNET**

**PROGRAMMING (Le3, La1)** This course provides students with an overview of the Internet and World Wide Web tools and resources, Internet utilities, multimedia, and security issues. Students will gain considerable hands-on experience in Internet Hypertext Markup Language (HTML), Applets and in a scripting language such as JavaScript.

**PREREQUISITES:** A grade of at least C in ACS-1903(3) or ACS-1905(3).

#### **ACS-2913(3) SOFTWARE REQUIREMENTS ANALYSIS**

**AND DESIGN (Le3)** This course introduces students to the requirements definition phase of software development. It provides coverage of both traditional and object-oriented

approaches to requirements analysis and design of software used in business, real-time and embedded applications. Models, notations and processes for requirements elicitation, representation, and design are discussed.

**PREREQUISITES:** A grade of at least C in ACS-1903(3) or ACS-1905(3).

**RESTRICTIONS:** Students cannot hold credit in ACS-2913(3) and ACS-2911(3) and/or ACS-2912(3).

#### **ACS-2914(3) RELATIONAL DATABASE APPLICATION**

**DEVELOPMENT (Le3,La1)** This course is an introduction to Relational Database Management Systems. It serves to provide students with an overview of the relational model and to give students practical experience using a modern desktop database management system. Students are introduced to topics such as the relational data model, entity-relationship modelling, business rules, normalization, and database design. The course has a strong focus on practical issues in database application development. Students will gain considerable hands-on experience in application development involving tables, indexes, forms, reports, queries, data entry, updating, event-handling, security, and publishing of data on the Internet.

**PREREQUISITES:** A grade of at least C in ACS-1904(3) or ACS-1905(3) or permission of Chair.

**RESTRICTIONS:** Cannot be held with ACS-2814(3).

#### **ACS-2916(3) BUSINESS APPLICATION SYSTEMS (Le3,**

**La1)** This course firstly presents structured models for business processes and data needed in common transaction processing systems such as order entry, invoicing, accounts receivable and payable, purchasing, inventory and general ledger. Also, system support for manufacturing (e.g., supply chain management, robotics), for marketing (e.g., sales force automation, customer relationship management), and for human resource management (e.g., candidate selection, collective bargaining support) is highlighted, and inter-system interfaces are considered. Large, organization-wide, integrated enterprise resource planning (ERP) systems are discussed in the context of a business case. System controls and security issues are outlined for the systems studied.

**PREREQUISITES:** A grade of at least C in ACS-1803(3).

#### **ACS-2941(3) UNIX (Le3)**

This course provides students with advanced concepts and knowledge of Unix, one of the most widely used operating systems. The course introduces students to such topics as shells, filters and pipelines, the Unix file system, processes and job control, and Internet communications. Emphasis is placed on Unix shell programming, which provides valuable tools for developing powerful applications with a minimal amount of written code.

**PREREQUISITES:** A grade of at least C in ACS-1904(3) or ACS-1905(3) or the former 92/91.1902(3).

#### **ACS-2947(3) DATA STRUCTURES AND ALGORITHMS**

**(Le3)** This course introduces fundamental data structures using an object-oriented programming language. Topics to be covered include vectors, multidimensional arrays, linked lists, stacks, queues, trees, graphs, recursion and algorithms.

**PREREQUISITES:** A grade of at least C in ACS-1904(3) or ACS-1905(3).

**CO-REQUISITES:** MATH-1401(3).

#### **ACS-2951(3) SYSTEM ADMINISTRATION AND**

**NETWORKING (Le3, La1)** This course covers basic system administration issues of Unix and Windows operating systems (OS), principles of networking, and TCP/IP (the Internet). Students are introduced to topics such as system

installation and maintenance, system, and network security and setting up different application servers such as web and SQL. Students will gain considerable hands-on experience in installing, managing, and trouble-shooting networks on the Linux and Windows platforms.

**PREREQUISITES:** A grade of at least C in ACS-2941(3).

### **ACS-3801(3) PRINCIPLES IN INFORMATION SYSTEMS**

**(Le3)** This course is the final course for the 3 year degree in the Information Systems stream. The course can provide integration (e.g., project management), or provide more depth in specific areas of Information Systems in order to address specific thematic needs.

**PREREQUISITES:** A grade of at least C in each of ACS-2814(3) or ACS-2914(3), ACS-2909(3), ACS-2913(3) and ACS-2916(3).

**RESTRICTIONS:** Students cannot hold credit in ACS-3901(3).

**ADDITIONAL REQUIREMENT:** Department Chair's permission.

### **ACS-3811(3) TELECOMMUNICATIONS (Le3)**

This course covers both analog and digital networks, including VLAN, LAN, WAN, Internet, mobile and wireless networks. Important issues like standards, protocols, security, quality of service, network management, and networked services are discussed.

**PREREQUISITES:** A grade of at least C in ACS-2913(3).

**RESTRICTIONS:** Students cannot hold credit in ACS-3911(3).

### **ACS-3816(3) USER INTERFACES FOR INFORMATION**

**SYSTEMS (Le3)** This course introduces students to the principles of user interface design and provides an integrated design and development environment to implement the learned principles in an information system component.

Topics in this course include different types of input/output interfaces, requirements analysis of an information system, user interface design and evaluation, and usability testing. A popular graphical user interface toolkit is introduced, to illustrate the implementation of controls, custom menus, forms, and data validation. Students obtain hands-on experience in this course through assignments and a course-end project.

**PREREQUISITES:** A grade of at least C in each of ACS-2814(3) and ACS-2909(3), or ACS-2909(3) and ACS-2914(3).

**RESTRICTIONS:** Cannot be held with ACS-3916(3).

### **ACS-3830(3) TOPICS IN INFORMATION SYSTEMS (Le3)**

This course treats specific topics in various areas of Information Systems of interest to the students, faculty members, and industry partners. This course integrates practical experience with the study of information systems in large organizations. The course is specifically designed for Information Systems stream students entering the work force. Students learn the strict professional requirements like quality assurance, standard compliances, risk containments, and integration issues. The industry partner provides students with organizational level requirements and input.

**PREREQUISITES:** A grade of at least C in each of ACS-2814(3), ACS-2909(3), ACS-2913(3) and ACS-2916(3).

**RESTRICTIONS:** Students cannot hold credit in ACS-3901(3).

**ADDITIONAL REQUIREMENT:** Department Chair's permission.

### **ACS-3901(3) PRINCIPLES OF SOFTWARE PROJECT**

**MANAGEMENT (Le3)** This course covers principles and techniques of software project management, with emphasis on the theoretical underpinnings of the competencies that are associated with software project management. The key concepts of project planning, organization, and control are covered. Specific topics covered include task breakdown;

estimating, scheduling, and tracking; process and project metrics; change control; risk analysis and management; software quality and reliability models; quality assurance; and configuration management.

**PREREQUISITES:** A grade of at least C in ACS-2913(3), (or the previous ACS-2911(3) and ACS-2912(3)), ACS-2914(3), and ACS-2947(3).

**RESTRICTIONS:** Students with standing in the former 92/91.3920(6) may not hold credit for ACS-3901(3).

### **ACS-3902(3) DATABASE SYSTEMS (Le3)**

This course introduces the theory of relational, network, and hierarchical models. It covers in detail the techniques utilized in various stages of a relational database software development life cycle. These techniques include ERDs, relational models, functional dependencies, normalization, and physical data storage mechanisms. Query language fundamentals including relational algebra and SQL are also covered. A project involving the design and implementation of a database is required.

**PREREQUISITES:** A grade of at least C in ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3)) and ACS-2914(3).

### **ACS-3907(3) eCOMMERCE (Le3)**

In this course our students will explore new opportunities, risks, and technologies related to electronic commerce. Both business and technical issues will be addressed. Business issues will include the role of eCommerce in the marketing plan and organizational strategy in both business-to-customer and business-to-business contexts. Technical topics will include architecture, application models, payment strategies and security. This course is designed for double majors in Applied Computer Science and Business and Administration.

**PREREQUISITES:** A grade of at least C in ACS-1803(3) and ACS-2909(3).

### **ACS-3908(3) INTRODUCTION TO PERL (Le3, La1)**

This course introduces the basic concepts of the Perl language and the Common Gateway Interface (CGI) that enables web browsers to exchange data with computer programs located on a web server. Students develop skill in script programming in Perl and building dynamic web pages with CGI. Topics include variables, control structures, file I/O, functions, arrays, using modules, and object-oriented programming.

**PREREQUISITES:** A grade of at least C in ACS-2941(3).

### **ACS-3909(3) ADVANCED INTERNET PROGRAMMING**

**(Le3, La1)** This course provides students with a thorough knowledge of server-side web programming. Topics include n-tiered systems, session tracking, interfaces and stereotypes, dynamic web page design, database connections, and XML processing. Students gain considerable knowledge and experience by learning important features needed for e-commerce, applying advanced web application techniques, and utilizing web databases.

**PREREQUISITES:** A grade of at least C in ACS-2909(3), ACS-2914(3) and ACS-2947(3).

### **ACS-3911(3) COMPUTER NETWORKS (Le3)**

This course covers the principles, technology, protocols, and algorithms of computer networks. The layers of the network stack are discussed, with particular focus on the internet network stack. Topics of discussion include network technologies, simple and sliding window protocols, routing and routing algorithms, congestion control, quality of service, security, and network applications.

**PREREQUISITES:** A grade of at least C in ACS-2906(3), ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3))

and ACS-2947(3).

**RESTRICTIONS:** Students cannot hold credit in ACS-3911(3) and ACS-3811(3).

### **ACS-3913(3) SOFTWARE DESIGN AND ARCHITECTURE**

**(Le3)** This is an advanced course in software design that examines recent advances in the design of larger application systems. Topics include software architecture, object-oriented analysis and design, software patterns, and the Unified Modeling Language (UML).

**PREREQUISITES:** A grade of at least C in ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3)) and ACS-2947(3).

### **ACS-3916(3) GRAPHICAL USER INTERFACES (Le3)**

This course investigates the principles of graphical user interface design. Topics covered in this course include GUI design guidelines and processes, user interface specification and software tools, reviews and testing. Design guidelines such as menu layout, form-filling, dialog boxes and error messages will be illustrated using the VB development tool. The topics related to VB include controls, custom menus, multiple forms, standard code modules, data validation, and error trapping. Issues related to client-server development will also be discussed. Emphasis will be placed on extensive hands-on experience through assignments and a course-end project.

**PREREQUISITES:** A grade of at least C in ACS-2914(3).

**RESTRICTIONS:** Students cannot hold credit in ACS-3916(3) and ACS-3816(3).

**ACS-3923(3) TECHNICAL WRITING (Le3)** This course will discuss principles, strategies, and techniques of writing in a systems environment. Topics include the writing process; invention, structuring, and drafting strategies; identifying audience and purpose; business and technical correspondence; project documentation; user documentation; presentations, both technical and executive; and the readability of documents, from the high-level structure down to the sentence and word levels. This course will include many practical exercises in course topics.

**PREREQUISITES:** A grade of at least C in ACS-2913(3) (or the former ACS-2911(3) and ACS-2912(3)).

### **ACS-3930(3) TOPICS IN APPLIED COMPUTER SCIENCE**

**(Le3)** This course treats specific topics in various areas of applied computer science of interest to the student and faculty member.

**PREREQUISITES:** A grade of at least C in both ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3)) and ACS-2947(3).

### **ACS-3931(3) PRINCIPLES OF OPERATING SYSTEMS**

**(Le3)** This course covers the principles and design of operating systems. In the first half of the course students are introduced to multiprogramming and become familiar with the process and thread abstractions. Students are introduced to concurrent programming. Topics include: mutual exclusion, synchronization, and inter-process communication. The second half of the course introduces students to the roles and components of operating systems, and how these components interact. Topics include process control, memory management, file systems, and input/output.

**PREREQUISITES:** A grade of at least C in ACS-2906(3) and ACS-2947(3).

**ACS-3941(3) IMPLEMENTATION ISSUES IN OBJECT ORIENTED LANGUAGES (Le3)** This course focuses on advanced features of a contemporary OO language.

Emphasis is on implementation issues and strengthening programming skills of students.

**PREREQUISITES:** A grade of at least C in both ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3)) and ACS-2947(3).

**ACS-3947(3) ALGORITHM DESIGN (Le3)** This course focuses on the connection between data structures and the corresponding algorithms, including simple analysis of computational complexity. The emphasis is on comparative study of alternate ways to implement solutions to computing problems.

**PREREQUISITES:** A grade of at least C in both ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3)) and ACS-2947(3).

### **ACS-4901(6) SENIOR SYSTEMS DEVELOPMENT**

**PROJECT (Le3, P)** This course applies the principles and techniques of software project management covered in ACS-3901(3) to a significant systems development project undertaken by students in teams. A project proposal, project plan, regular status reports, and a completion report are required. All work must conform to proper analysis, design, programming, and documentation standards. Each team holds status reviews at appropriate life-cycle milestones. A final presentation and a formal demonstration of the system are required at the end of the project.

**PREREQUISITES:** A grade of at least C in ACS-2914(3), ACS-3901(3), ACS-3902(3), and ACS-3913(3), and a minimum average GPA of 2.0 in all ACS-xxxx courses previously taken.

**RESTRICTIONS:** Students may not hold credit in this course and the former 92/91.3920(6).

### **ACS-4902(3) ADVANCED DATABASE SYSTEMS (Le3)**

This course is a continuation of ACS-3902(3). It deals with advanced topics in database design, use, and administration. Database design topics include enhanced ER diagrams and object-oriented data modelling. Other topics include transaction processing, concurrency control and recovery, security, and integrity. Object-oriented databases and client-server architectures will also be discussed.

**PREREQUISITES:** A grade of at least C in both ACS-2947(3) and ACS-3902(3).

### **ACS-4904(3) DATA WAREHOUSING (Le3)**

This course explores the role of data warehouses in supporting decision-making in organizations. Topics include definition of a data warehouse; extracting, cleansing, and transforming data; building and maintaining the warehouse; meta data; dimensional analysis and multidimensional modeling; multidimensional data structures; Star schemas; OLAP (On Line Analytical Processing); drilling down and across; and web deployment.

**PREREQUISITES:** A grade of at least C in all of ACS-2913(3) (or the previous ACS-2911(3) and ACS-2912(3)), ACS-2947(3) and ACS-3902(3).

### **ACS-4930(6) RESEARCH PROJECT IN APPLIED COMPUTER SCIENCE (NT)**

This course is designed to allow a student to conduct a specific research project under the supervision of a faculty member. An essential component of the course is an oral presentation and a written report of the results. Approval for the planned project must be obtained from the supervising faculty member as well as from the Department Chair before enrolment.

**PREREQUISITES:** Students should normally have completed 30 credits in ACS.

**RESTRICTIONS:** Students must obtain written permission from the Department Chair to register for the course.

**ACS-4931(3) RESEARCH PROJECT IN APPLIED COMPUTER SCIENCE (NT)** This course is designed to allow a student to conduct a specific research project under the supervision of a faculty member. An essential component of the course is an oral presentation and a written report of the results. Approval for the planned project must be obtained from the supervising faculty member as well as from the Department Chair before enrolment.

**PREREQUISITES:** Students should normally have completed 30 credits in ACS.

**RESTRICTIONS:** Students must obtain written permission from the Department Chair to register for the course.

**ACS-4946(3) WEB APPLICATION DESIGN AND DEVELOPMENT (Le3,La1)** This course will discuss the analysis, design, construction and implementation of web-based and client-server systems. Other topics include Client-Server and Web testing, Client-Server and Web Technology Architecture and Support Services and Web Database Application design and programming issues.

**PREREQUISITES:** A grade of at least C in both ACS-2947(3) and ACS-3913(3).

**ACS-4953(3) INTRODUCTION TO MACHINE LEARNING (Le3)** This course is an introduction to the broad field of machine learning. Machine learning provides the technical basis for data mining. This course examines the foundations and implementations of several machine learning algorithms. Specific topics include: rule and tree-based classifiers, bayesian models, clustering techniques and numeric prediction. Popular machine learning tool sets will be used to

gain practical hands-on experience in i) preparing the data, ii) applying the various learning techniques and iii) interpreting the credibility of the results.

**PREREQUISITES:** A grade of at least C in each of ACS-3902(3), MATH-1401(3), and one 3 credit hour course offered by the Statistics department.

**ACS-4954(3) INTRODUCTION TO DISTRIBUTED SYSTEMS (Le3)** This course is an introduction to the broad field of distributed systems. It focuses on introducing students to the benefits, challenges, methods, and implementations of distributed systems. Reasons for deploying distributed systems, such as fault tolerance and agglomeration of computational resources are discussed. Other topics include implementation challenges such as synchronization and replication in the presence of faults. Common system architectures that address some of these challenges are also introduced. Students are expected to implement some of these architectures to reinforce the lecture material.

**PREREQUISITES:** A grade of at least C+ in all of MATH - 1401(3), ACS-2906(3) and ACS-3911(3).

# APPLIED MANAGEMENT STUDIES

## (For Recipients of the Great-West Life Scholarship)

### DEGREES/PROGRAMS OFFERED

#### 3-Year BA

#### INTRODUCTION

This thematic major was developed in partnership with the Great-West Life Company. Great-West Life provides a scholarship for reimbursement of full tuition incurred towards the completion of the program; provides summer employment between the first and the second year and the second and the third year; and offers employment to each successful graduate as a full time employee with Great-West Life upon completion of the program. Great-West Life works collaboratively with each student in the program, and the university. Students can choose a Business Analyst stream or a Disability Management stream, or a General stream combining courses from the two areas.

### REQUIREMENTS FOR A 3-YEAR BA IN APPLIED MANAGEMENT STUDIES

<b>ADMISSION REQUIREMENTS</b>	Students must qualify for admission to the University. Students must be selected by the industry partner agency. Specific entrance requirements and selection processes are published separately by the partner agency.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	90 credit hours in the Major subject as per the Required Courses list.
Double Major:	The nature of the program precludes the completion of Double Majors unless students take additional course work in the second Major subject after completion of the program.
Required courses:	
<b>Year 1</b>	
<b>ACS-1803(3)</b>	Introduction to Computer Based Systems
<b>BUS-1201(3)</b>	Introduction to Business I
<b>BUS-1202(3)</b>	Introduction to Business II
<b>ECON-1102(3)</b>	Introduction to Economics: Micro
<b>ECON-1103(3)</b>	Introduction to Economics: Macro
<b>RHET-1105 (3)</b>	Academic Writing <i>if required</i>
<b>SOC-1003 (3)</b>	Introduction to Disability Studies I
<b>STAT-1201 (6)</b>	Introductory Statistics
	3 or 6 credit hours in History, Philosophy, or English
<b>Year 2, 3 and 4</b>	
	Contact Office of the Dean of Business and Economics for course scheduling.
	Contact information: 786-9990 or <a href="mailto:businessandeconomics@uwinnipeg.ca">businessandeconomics@uwinnipeg.ca</a> .

**NOTE:** Students in the General Stream may choose 21 credit hours from the courses on both the Business Analyst list and the Disability list. Prerequisites and corequisites must still be observed.

#### GENERAL INFORMATION

##### Prerequisites

Either Pre-Calculus or Applied Mathematics 40S are required for acceptance to the Major Program.



**Business Analyst Stream**

**ACS-2913(3)** Software Analysis and Design  
**ACS-2914(3)** Relational Database Application  
Development  
**ACS-3916(3)** Graphical User Interfaces  
**ECON-3316(3)** Cost Benefit Analysis  
**POL-2310(3)** Public Administration: Macro  
**3 credit hours** Advanced Business Analysis (DCE)

**Disability Management Stream**

**CRS-2210(3)** Conflict as a Creative Catalyst  
**CRS-2211(1.5)** Conciliation Skills Workshop  
**CRS-2421(3)** Legal Systems and Alternative Dispute  
Resolution  
**CRS-2431(3)** Negotiation Theory and Practice  
**CRS-3220(3)** Models of Conflict Transformation  
**CRS-3221(1.5)** Mediation Skills Workshop  
**POL-2305(3)** Public Administration: Micro

**NOTE:** Students in the General Stream may choose 21 credit hours from the courses on both the Business Analyst list and the Disability list. Prerequisites and corequisites must still be observed.

# BIOANTHROPOLOGY (BANT)

**Note: The department/program code BANT replaces the former code 06. The department/program code ANTH replaces the former code 02. Students cannot hold credit in ANTH-xxxx and the former 02.xxxx having the same course number (e.g., ANTH-1001(6) and 02.1001(6)).**

**Coordinator: M. MacKinnon;** Program Advisors; M. Wiegand, M. Roksandic, M. Silcox.

## DEGREE/PROGRAM OFFERED

**3-Year BSc**

**4-Year BSc**

## INTRODUCTION

This degree combines the information and methodologies of Anatomy, Anthropology, Archaeology, Biochemistry and Biology with the techniques of the physical sciences to examine human biological systems of the past and present. It is an interdisciplinary program which is founded primarily on courses from the departments of Anthropology and Biology. Students in the Program will gain an understanding of comparative anatomy, cellular biology, methods in archaeology and primate evolution. They will also obtain experience in up-to-date laboratory techniques and procedures. This Program offers students the option of combining two exciting disciplines to create a skill set that is interesting and unique.

The Program offers both a 90 credit hour BSc (General) and a 120 credit hour BSc Four Year. The program may lead to careers in government and hospital laboratories, forensic laboratories, museums and zoos. Graduates in the 4 Year Degree option could also pursue further studies in either Anthropology or Biology. This program may also be of interest to students intending to go into medicine, or dentistry.

## REQUIREMENTS FOR A 3-YEAR BSc IN BIOANTHROPOLOGY

<b>ADMISSION REQUIREMENT</b>	Students must meet with a Program Advisor or the Program Coordinator in planning their courses.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 42 credit hours in the subject as per the Required Course list.
Double Major:	Minimum 42 credit hours in Bioanthropology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

<b>ANTH-1001(6)</b>	Introductory Anthropology	<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity
<b>OR</b>		<b>BIOL-2111(6)</b>	Comparative Chordate Zoology
<b>(ANTH-1002(3))</b>	Introductory Cultural Anthropology <u>and</u>	<b>BIOL-2301(3)</b>	Genetics
<b>ANTH-1003(3)</b>	Introductory Biological Anthropology and Archaeology)	<b>BIOL-3303(3)</b>	Molecular Genetics and Genomics
<b>ANTH-2100(3)</b>	Method and Theory in Cultural Anthropology	<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter
<b>ANTH-2200(3)</b>	Method and Theory in Archaeology	<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity
<b>ANTH-2300(3)</b>	Method and Theory in Biological Anthropology	<b>STAT-1501(3)</b>	Elementary Biological Statistics I
<b>BIOL-1115(3)</b>	Cells and Cell Processes		

## REQUIREMENTS FOR A 4-YEAR BSc IN BIOANTHROPOLOGY

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Program Coordinator or a Program Advisor when planning their studies.
<b>GRADUATION REQUIREMENT</b>	120 credit hours

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major: Minimum 87 credit hours with 60 credit hours to be taken from Required courses and 27 credit hours from the two Major subject areas.  
Double Major: Minimum 66 credit hours in Bioanthropology and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

<b>ANTH-1001(6)</b>	Introductory Anthropology	<b>BIOL-3602(3)</b>	Comparative Animal Physiology I
<b>OR</b>		<b>BIOL-3603(3)</b>	Comparative Animal Physiology II
<b>(ANTH-1002(3))</b>	Introductory Cultural Anthropology <u>and</u>	<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter
<b>ANTH-1003(3)</b>	Introductory Biological Anthropology and Archaeology)	<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity
<b>ANTH-2100(3)</b>	Method and Theory in Cultural Anthropology	<b>CHEM-2202(3)</b>	Organic Chemistry I
<b>ANTH-2200(3)</b>	Method and Theory in Archaeology	<b>CHEM-2203(3)</b>	Organic Chemistry II
<b>ANTH-2300(3)</b>	Method and Theory in Biological Anthropology	<b>CHEM-3502(3)</b>	Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
<b>BIOL-1115(3)</b>	Cells and Cell Processes	<b>CHEM-3503(3)</b>	Intermediate Biochemistry II: Intermediary Metabolism
<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity	<b>STAT-1501(3)</b>	Elementary Biological Statistics I
<b>BIOL-2111(6)</b>	Comparative Chordate Zoology		
<b>BIOL-2301(3)</b>	Genetics		
<b>BIOL-3303(3)</b>	Molecular Genetics and Genomics		

Minimum of 15 credit hours in Biological Anthropology, defined as Area IV by the Department of Anthropology in the current calendar (see below) together with any experimental courses defined by the Department of Anthropology as Biological Anthropology.

<b>ANTH-2304(3)</b>	Introduction to Forensic Anthropology	<b>ANTH-4212(3)</b>	Advanced Zooarchaeology
<b>ANTH-3207(3)</b>	Zooarchaeology	<b>ANTH-4303(3)</b>	Problems in Human and Primate Evolution
<b>ANTH-3302(3)-4302(3)</b>	Primate Adaptation, Biology and Evolution	<b>ANTH-3306(3)</b>	Human Osteology
<b>ANTH-3308(3)-4308(3)</b>	Human Evolution	<b>ANTH-4307(3)</b>	Advanced Human Osteology
<b>ANTH-3309(3)-4309(3)</b>	Primate Behaviour	<b>ANTH-4311(3)</b>	Human Paleopathology
		<b>ANTH-4305(3)</b>	Problems in Biological Anthropology

Minimum of 12 credit hours in Biology at the 3000 or 4000 level selected from the following courses:

<b>BIOL-3202(3)</b>	Histology	<b>BIOL-4502(3)</b>	Molecular Cell Biology
<b>BIOL-3221(3)</b>	Cell Biology	<b>BIOL-4501(3)</b>	Developmental Biology
<b>BIOL-3492(3)</b>	Quantitative and Theoretical Biology	<b>BIOL-4331(3)</b>	Evolutionary Biology
<b>BIOL-4303(3)</b>	Population Genetics		

Recommended: Students planning on graduate studies should seriously consider taking **BIOL-4111(6) Honours Thesis** course. Students are advised to take **GEOG-1202(3) Introductory Earth Science**.

## GENERAL INFORMATION

### Prerequisites

Chemistry 40S AND Either Pre-Calculus or Applied Mathematics are required for registration in **BIOL-1115(3)** Cells and Cellular Processes, **BIOL-1116(3)** Evolution, Ecology and Biodiversity, **CHEM-1111(3)** Introduction to the Chemical Properties of Matter and **CHEM-1112(3)** Basic Principles of Chemical Reactivity.

**NOTE: Course Listings and Descriptions can be found under the appropriate Departmental Listings: Anthropology (02), Biology (05), Chemistry (08), Statistics (53)**

### *Bioanthropology: Suggested Course Selection for 3-Year Degree*

#### Year 1

ANTH-1001(6) Introductory Anthropology  
BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology and Biodiversity  
CHEM-1111(3) Introduction to the Chemical Properties of Matter  
CHEM-1112(3) Basic Principles of Chemical Reactivity  
xx.xxxx(6) Humanities  
RHET-1105(3) Academic Writing: Natural Sciences  
STAT-1501(3) Elementary Biological Statistics I

#### Year 2

ANTH-2100(3) Method and Theory in Cultural Anthropology  
ANTH-2200(3) Method and Theory in Archaeology  
ANTH-2300(3) Method and Theory in Biological Anthropology

BIOL-2111(6) Comparative Chordate Zoology  
BIOL-2301(3) Genetics  
xx.xxxx(6) Humanities  
6 credit hours of elective

### **Year 3**

BIOL-3303(3) Molecular Genetics and Genomics  
9 credit hours in Natural Science outside of Biology  
18 credit hours in electives

**NOTE: Students considering a 4-Year Degree should take CHEM-2202(3) Organic Chemistry I and CHEM-2203(3) Organic Chemistry II in Year 2 or Year 3.**

### ***Bioanthropology: Suggested Course Selection for 4-Year Degree***

#### **Year 1**

ANTH-1001(6) Introductory Anthropology  
BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology and Biodiversity  
CHEM-1111(3) Introduction to the Chemical Properties of Matter  
CHEM-1112(3) Basic Principles of Chemical Reactivity  
xx.xxxx(6) Humanities  
RHET-1105(3) Academic Writing: Natural Sciences  
STAT-1501(3) Elementary Biological Statistics I

#### **Year 2**

ANTH-2100(3) Method and Theory in Cultural Anthropology  
ANTH-2200(3) Method and Theory in Archaeology  
ANTH-2300(3) Method and Theory in Biological Anthropology  
BIOL-2301(3) Genetics  
BIOL-2111(6) Comparative Chordate Zoology  
CHEM-2202(3) Organic Chemistry I  
CHEM-2203(3) Organic Chemistry II  
xx.xxxx(6) Humanities

#### **Year 3**

3 credit hours elective in Anthropology  
BIOL-3303(3) Molecular Genetics and Genomics  
BIOL-3602(3) Comparative Animal Physiology I  
BIOL-3603(3) Comparative Animal Physiology II  
3 credit hours elective in Biology  
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules  
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism  
6 credit hours in Biological Anthropology  
3 credit hours electives

#### **Year 4**

9 credit hours elective in Anthropology  
9 credit hours elective in Biology  
3 credit hours in a Natural Science outside of Biology  
9 credit hours electives

**NOTE: Certain courses are not offered annually. Therefore, students should seek advising on Year 3 and Year 4 registration.**

# BIOCHEMISTRY (BCHM)

Updated Oct 19/09

**Note: The department/program code BCHM replaces the former code 85. Students cannot hold credit in BCHM-xxxx and the former 85.xxxx having the same course number.**

**Coordinator:** M. Eze; Program Advisors: E. Byard, D. Craig, P. Holloway, D. Vanderwel, M. Wiegand.

## DEGREES/PROGRAMS OFFERED

3 -Year BSc

4 -Year BSc

Honours BSc

## INTRODUCTION

This degree combines the information and methodologies of Biochemistry, Cell Biology, Genetics and Microbiology with the techniques of the physical sciences to investigate living systems. It is an Interdisciplinary Program which consists primarily of courses from the Departments of Biology and Chemistry. Students in the program will gain a thorough understanding of the molecular aspects of the structure, function and metabolism of living organisms. They will also obtain experience in up-to-date laboratory techniques and procedures. This is one of the most exciting areas of science at this time and students will be kept abreast of advances in the field and their impact on humans and other life forms.

The Program offers a 90 credit hour 3-Year BSc, a 120 credit hour 4-Year BSc and a 120 credit hour Honours BSc. Graduates will be well qualified to work in university, government, and other research laboratories or in the pharmaceutical and food industries. Graduates with a 4-Year BSc or Honours BSc could also proceed to graduate studies in the Life Sciences. This program also provides excellent preparation for students wishing to enter professional schools in the health sciences.

## REQUIREMENTS FOR A 3-YEAR BSc IN BIOCHEMISTRY

**ADMISSION REQUIREMENT** Students must consult with a Program Advisor in planning their studies.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 45 credit hours in the Major subject as per the Required Courses list.  
Double Major: Minimum 45 credit hours of required courses and credit hours in Biochemistry program and specified number of credit hours in other Major (may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

**BIOL-1115(3)** Cells and Cellular Processes (or the former BIOL-1111(6))  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))  
**BIOL-2301(3)** Genetics (or the former BIOL-3301(3))  
**BIOL-2902(3)** Biology of the Prokaryotes and Viruses  
**BIOL-3221(3)** Cell Biology  
**CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))  
**CHEM-2202(3)** Organic Chemistry I (or the former CHEM-2201(6))  
**CHEM-2203(3)** Organic Chemistry II (or the former CHEM-2201(6))  
**CHEM-3502(3)** Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (or the former CHEM-3501(6))  
**CHEM-3503(3)** Intermediate Biochemistry II: Intermediary Metabolism (or the former CHEM-3501(6))  
**PHYS-1101(6)** Foundations of Physics I OR **PHYS-1301(6)** Introduction to Physics

Minimum 3 credit hours in additional core chemistry, selected from the following:

**CHEM-2102(3)** Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
**CHEM-2302(3)** Quantitative Chemical Analysis  
**CHEM-2401(3)** Inorganic Chemistry I

Minimum 3 credit hours selected from the following courses:

**PSYC-2101(3)** Introduction to Data Analysis  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I

9 additional credit hours from Biology and/or Chemistry at or above the 2000 level (with the exception of CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring the total number of Biology and Chemistry courses to 45 credit hours.

**Recommended: MATH-1101(6)** Introduction to Calculus. This course is required for the 4-Year, and Honours BSc in Biochemistry, and is a prerequisite for CHEM-2102(3), Thermodynamics and Kinetics; and CHEM-2103(3), Atoms, Molecules and Spectroscopy. Both CHEM-2102(3) and CHEM-2103(3) are options in the 3-Year, 4-Year, and Honours BSc in Biochemistry

**Note:** Students considering the four-year degree in Biochemistry should note that BIOL-3901(3) is a prerequisite for BIOL-4902(3); BIOL-2152(3) and BIOL-2153(3) are prerequisites for BIOL-3161(3) and BIOL-3162(3).

**Note:** Students should design their course selection in consultation with one of the Program Advisors.

## SUGGESTED PROGRAM OF STUDY

**Students must consult with Program Advisors in planning their programs.**

### Year 1

BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology and Biodiversity  
CHEM-1111(3) Introduction to the Chemical Properties of Matter  
CHEM-1112(3) Basic Principles of Chemical Reactivity  
RHET-1105(3) Academic Writing: The Natural Sciences (if required)  
STAT-1501(3) Elementary Biological Statistics I  
xxxx.xxxx(6) Humanities  
Electives\* 6 credit hours

### Year 2

BIOL-2301(3) Genetics  
BIOL-2902(3) Biology of the Prokaryotes and Viruses  
CHEM-2202(3) Organic Chemistry I  
CHEM-2203(3) Organic Chemistry II  
One of:  
CHEM-2102(3) Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
CHEM-2302(3) Quantitative Chemical Analysis  
CHEM-2401(3) Inorganic Chemistry I  
One of:  
PHYS-1301(6) Introduction to Physics  
PHYS-1101(6) Foundations of Physics I  
Electives\* 3 credit hours  
xxxx.xxxx(6) Humanities

**Note:** (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

### Year 3

BIOL-3221(3) Cell Biology  
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules  
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism  
Electives\* 21 credit hours

### \*Electives:

- 1) There is a requirement of a minimum of 45 credit hours in Biology and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
- 2) MATH-1101(6) Introduction to Calculus is **strongly recommended**. This course is required for the 4-Year and Honours B.Sc. degrees in Biochemistry and is a prerequisite for CHEM-2102(3) Thermodynamics and Kinetics; and CHEM-2103(3), Atoms, Molecules and Spectroscopy. Both CHEM-2102(3) and CHEM-2103(3) are options in the 3-Year, 4-Year, and Honours BSc in Biochemistry
- 3) It is strongly recommended that students who may consider doing a 4-Year or Honours B.Sc. in Biochemistry take at least one additional core Chemistry course in the second or third year.

## REQUIREMENTS FOR A 4-YEAR BSc IN BIOCHEMISTRY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a Program Advisor in planning their studies.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 69 credit hours in the Major subject as per Required Courses list.
Double Major:	Minimum 69 credit hours of required courses and credit hours in Biochemistry program and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.
Required courses:	
<b>BIOL-1115(3)</b>	Cells and Cellular Processes (or the former BIOL-1111(6))
<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
<b>BIOL-2301(3)</b>	Genetics (or the former BIOL-3301(3))
<b>BIOL-2902(3)</b>	Biology of the Prokaryotes and Viruses
<b>BIOL-3221(3)</b>	Cell Biology

- BIOL-3303(3)** Molecular Genetics and Genomics (or the former BIOL-4302(3))  
**BIOL-4502(3)** Molecular Cell Biology  
 Minimum 3 credit hours selected from the following physiology courses:  
**BIOL-3161(3)** Vegetative Anatomy and Physiology of Seed Plant  
**BIOL-3162(3)** Reproductive Anatomy and Physiology of Seed Plants  
**BIOL-3602(3)** Comparative Animal Physiology I (or the former BIOL-3601(6))  
**BIOL-3603(3)** Comparative Animal Physiology II (or the former BIOL-3601(6))  
**BIOL-4902(3)** Microbial Physiology  
**CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))  
**CHEM-2202(3)** Organic Chemistry I (or the former CHEM-2201(6))  
**CHEM-2203(3)** Organic Chemistry II (or the former CHEM-2201(6))  
**CHEM-3502(3)** Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (or the former CHEM-3501(6))  
**CHEM-3503(3)** Intermediate Biochemistry II: Intermediary Metabolism (or the former CHEM-3501(6))  
**CHEM-4502(3)** Molecular Enzymology  
**CHEM-4506(3)** Methods in Biochemistry (or the former CHEM-4505(3))  
**MATH-1101(6)** Introduction to Calculus  
**PHYS-1101(6)** Foundations of Physics I OR **PHYS-1301(6)** Introduction to Physics

Minimum 6 credit hours in additional core chemistry, selected from the following:

- CHEM-2102(3)** Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
**CHEM-2302(3)** Quantitative Chemical Analysis  
**CHEM-2401(3)** Inorganic Chemistry I

Minimum 3 credit hours selected from the following statistics courses:

- PSYC-2101(3)** Introduction to Data Analysis;  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I

15 additional credit hours from Biology and/or Chemistry at or above the 2000 level (with the exception of CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring the total number of Biology and Chemistry courses to 69 credit hours. Students may not count both **BIOL-4111(6)** Biology Honours Thesis and **CHEM-4701(6)** Research Projects in Chemistry towards the Biochemistry major.

**Recommended:** Students planning on graduate studies should seriously consider taking either **BIOL-4111(6)** Biology Honours Thesis or **CHEM-4701(6)** Research Projects in Chemistry.

**Note:** Students should design their course selection in consultation with one of the Program Advisors.

## SUGGESTED PROGRAM OF STUDY

**Students must consult with Program Advisors in planning their programs.**

### Year 1

- BIOL-1115(3) Cells and Cellular Processes  
 BIOL-1116(3) Evolution, Ecology and Biodiversity  
 CHEM-1111(3) Introduction to the Chemical Properties of Matter  
 CHEM-1112(3) Basic Principles of Chemical Reactivity  
 MATH-1101(6) Introduction to Calculus  
 RHET-1105(3) Academic Writing: The Natural Sciences (if required)  
 STAT-1501(3) Elementary Biological Statistics I  
 xxxx.xxxx(6) Humanities

### Year 2

- BIOL-2301(3) Genetics  
 BIOL-2902(3) Biology of the Prokaryotes and Viruses  
 CHEM-2202(3) Organic Chemistry I  
 CHEM-2203(3) Organic Chemistry II

One of:

- CHEM-2102(3) Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
 CHEM-2302(3) Quantitative Chemical Analysis  
 CHEM-2401(3) Inorganic Chemistry I

One of:

- PHYS-1301(6) Introduction to Physics  
 PHYS-1101(6) Foundations of Physics I

Electives\* 3 credit hours

- xxxx.xxxx(6) Humanities

**Note:** (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

### Year 3

- BIOL-3221(3) Cell Biology  
 CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules  
 CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism

One of:

- CHEM-2102(3) Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
 CHEM-2302(3) Quantitative Chemical Analysis  
 CHEM-2401(3) Inorganic Chemistry I

Electives\* 18 credit hours

### Year 4

- BIOL-3303(3) Molecular Genetics and Genomics  
 BIOL-4502(3) Molecular Cell Biology  
 CHEM-4502(3) Molecular Enzymology

CHEM-4506(3) Methods in Biochemistry  
Electives\* 12 credit hours

**\*Electives:**

- 1) There is a requirement of a minimum of 69 credit hours in Biology and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
- 2) Note the 3 credit hour requirement for a course in Physiology. Some physiology courses have prerequisites.
- 3) Students considering graduate study should seriously consider BIOL-4111(6) Biology Honours Thesis OR CHEM-4701(6) Research Projects in Chemistry.

## REQUIREMENTS FOR AN HONOURS BSc IN BIOCHEMISTRY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a Program Advisor in planning their studies.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
Graduation G.P.A. Requirement:	To graduate with a BSc Honours, students must have a minimum GPA of 3.0 in all Chemistry and Biology courses (calculated on all course attempts in Biology and Chemistry) and a 2.75 GPA in all non-major courses (calculated as for a 3-year degree where F's are not included and, in the case of repeated courses, only the highest grade will be used).
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 69 credit hours in the Major subject as per Required Courses list.
Double Major:	Minimum 69 credit hours of required courses and credit hours in Biochemistry program and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

<b>BIOL-1115(3)</b>	Cells and Cellular Processes (or the former BIOL-1111(6))	<b>CHEM-2202(3)</b>	Organic Chemistry I (or the former CHEM-2201(6))
<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))	<b>CHEM-2203(3)</b>	Organic Chemistry II (or the former CHEM-2201(6))
<b>BIOL-2301(3)</b>	Genetics (or the former BIOL-3301(3))	<b>CHEM-2302(3)</b>	Quantitative Chemical Analysis
<b>BIOL-2902(3)</b>	Biology of the Prokaryotes and Viruses	<b>CHEM-2401(3)</b>	Inorganic Chemistry I
<b>BIOL-3221(3)</b>	Cell Biology	<b>CHEM-3502(3)</b>	Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules (or the former CHEM-3501(6))
<b>BIOL-3303(3)</b>	Molecular Genetics and Genomics (or the former BIOL-4302(3))	<b>CHEM-3503(3)</b>	Intermediate Biochemistry II: Intermediary Metabolism (or the former CHEM-3501(6))
(Either:		<b>CHEM-4502(3)</b>	Molecular Enzymology
<b>BIOL-4111(6)</b>	Biology Honours Thesis	<b>CHEM-4506(3)</b>	Methods in Biochemistry (or the former CHEM-4505(3))
OR		<b>MATH-1101(6)</b>	Introduction to Calculus
<b>CHEM-4701(6)</b>	Research Projects in Chemistry)	(Either:	
<b>BIOL-4502(3)</b>	Molecular Cell Biology	<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))	OR	
<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))	<b>PHYS-1301(6)</b>	Introduction to Physics)
<b>CHEM-2102(3)</b>	Thermodynamics and Kinetics		

Minimum 3 credit hours selected from the following physiology courses:

<b>BIOL-3161(3)</b>	Vegetative Anatomy and Physiology of Seed Plants
<b>BIOL-3162(3)</b>	Reproductive Anatomy and Physiology of Seed Plants
<b>BIOL-3602(3)</b>	Comparative Animal Physiology I (or the former BIOL-3601(6))
<b>BIOL-3603(3)</b>	Comparative Animal Physiology II (or the former BIOL-3601(6))
<b>BIOL-4902(3)</b>	Microbial Physiology

Minimum 3 credit hours selected from the following statistics courses:

<b>PSYC-2101(3)</b>	Introduction to Data Analysis
<b>STAT-1201(6)</b>	Introduction to Statistical Analysis
<b>STAT-1501(3)</b>	Elementary Biological Statistics I

6 additional credit hours from Biology and/or Chemistry at or above the 2000 level (with the exception of CHEM-2501(3), CHEM-2601(6) and CHEM-2801(3)) to bring the total number of Biology and Chemistry courses to 69 credit hours. Students may not count both **BIOL-4111(6)** Biology Honours Thesis and **CHEM-4701(6)** Research Projects in Chemistry towards the Biochemistry major.

**Note:** Students should design their course selection in consultation with one of the Program Advisors.

### SUGGESTED PROGRAM OF STUDY



**Students must consult with Program Advisors in planning their programs.**

**Year 1**

BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology and Biodiversity  
CHEM-1111(3) Introduction to the Chemical Properties of Matter  
CHEM-1112(3) Basic Principles of Chemical Reactivity  
MATH-1101(6) Introduction to Calculus  
RHET-1105(3) Academic Writing: The Natural Sciences (if required)  
STAT-1501(3) Elementary Biological Statistics I  
xxxx.xxxx(6) Humanities

**Year 2**

BIOL-2301(3) Genetics  
BIOL-2902(3) Biology of the Prokaryotes and Viruses  
CHEM-2202(3) Organic Chemistry I  
CHEM-2203(3) Organic Chemistry II

Two of:

CHEM-2102(3) Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
CHEM-2302(3) Quantitative Chemical Analysis  
CHEM-2401(3) Inorganic Chemistry I

One of:

PHYS-1301(6) Introduction to Physics  
PHYS-1101(6) Foundations of Physics I

xxxx.xxxx(6) Humanities

**Note:** (If Academic Writing is not required, Physics could be done in Year 1 and Statistics plus a 3 credit hour elective in Year 2)

**Year 3**

BIOL-3221(3) Cell Biology  
CHEM-3502(3) Intermediate Biochemistry I: Structure, Function and Energetics of Biomolecules  
CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism

Remaining one of:

CHEM-2102(3) Thermodynamics and Kinetics or **CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
CHEM-2302(3) Quantitative Chemical Analysis  
CHEM-2401(3) Inorganic Chemistry I

Electives\* 18 credit hours

**Year 4**

BIOL-3303(3) Molecular Genetics and Genomics  
BIOL-4502(3) Molecular Cell Biology  
CHEM-4502(3) Molecular Enzymology  
CHEM-4506(3) Methods in Biochemistry  
BIOL-4111(6) Biology Honours Thesis OR CHEM-4701(6) Research Projects in Chemistry  
Electives\* 12 credit hours

**\*Electives:**

- 1) There is a requirement of a minimum of 69 credit hours in Biology and Chemistry. This is made up of required courses plus an appropriate number of credit hours from the electives.
- 2) Note the 3 credit hour requirement for a course in Physiology. Some physiology courses have prerequisites.

**GENERAL INFORMATION**

**Prerequisites**

Chemistry 40S AND either Pre-Calculus Mathematics 40S or Applied Mathematics 40S are required for registration in both **BIOL-1115(3)** Cells and Cellular Processes and **CHEM-1111(3)** Introduction to the Chemical Properties of Matter. Physics 40S AND either Pre-Calculus Mathematics 40S or Applied Mathematics 40S are required for registration in **PHYS-1101(6)** Foundations of Physics I. Physics 40S is not required for registration in **PHYS-1301(6)** Introduction to Physics.

**Entrance to Program**

Students normally enter the Program in Year 2 of their studies.

**Note:** Course Listings and Descriptions can be found under the appropriate Departmental listings;

**Biology (BIOL)                      Mathematics (MATH)                      Psychology (PSYC)**  
**Chemistry (CHEM)                      Physics (PHYS)                      Statistics (STAT)**

# BIOLOGY (BIOL)

**Note: The department/program code BIOL replaces the former code 05. Students cannot hold credit in BIOL-xxxx and the former 05.xxxx having the same course number (e.g., BIOL-1115(3) and 05.1115(3)).**

**Chair: Associate Professor E.H. Byard;** Professors Emeriti: W.S. Evans, M. Novak, R.A. Woods; Senior Scholars: G.E.E. Moodie, R.J. Staniforth; Professors: L.S. Forbes, J.D. Huebner, E. Pip, J. Tardif, M.D. Wiegand; Associate Professors: A. Adkins, R. Anderson, A. Civetta, J. Franck, S. Good-Avila, P.W. Holloway, A.R. Westwood, D.L.W. Young; Assistant Professors: G. Avila- Sakar, S. Lingle, A. Park, C. Willis; Instructors: B. Biernacka, C. DuGuay, M.C. Hardy, N.L. Loadman, K. Muc, D.A.H. Rittberg, N.K. Simmons; Administrative Technologist: S. Wiste; Technical Staff: T.Baran, L.G. Buchanan, H. Copp, T.L. Durham, K. Jones, B. VanDekerkhove.

## DEGREES/PROGRAMS OFFERED

3-Year BSc  
4-Year BSc  
Honours BSc  
4-Year BSc (UW/RRC)

## INTRODUCTION

The study of Biology encompasses any manifestation of life, from the DNA molecule to the interactions of organisms within the various ecosystems of the earth. This broad discipline includes the subject areas of Botany, Zoology, Microbiology, Ecology, Genetics and Molecular Biology.

The Biology Department offers the 3-Year BSc, 4-Year BSc, and BSc Honours degrees. Two additional degree options available are the University of Winnipeg/Red River College 4-Year BSc in Applied Biology, and a Co-operative Program that combines a 3-Year BSc Degree in Biology with a diploma in Chemical and Biosciences Technology.

In addition, courses in Biology constitute the core of the Environmental Studies Forest Ecology Program, the Forest Policy and Management Program, and the Biochemistry Program. A BSc in Biology can lead to employment in Conservation or other government departments, work as a technologist in a research or industrial laboratory, as well as a career in education. It also provides the preparation necessary for those entering several professional programs including Dentistry, Medicine, Veterinary Medicine, Pharmacy and Optometry.

Many Biology graduates also pursue post-graduate education. The necessary academic preparation for post-graduate studies is **only** provided by the 4-Year and Honours degrees in Biology. The 3-Year BSc and the Applied Biology degrees are not recognized as adequate preparation by most Graduate Studies Programs in Canada or internationally.

## REQUIREMENTS FOR A 3-YEAR BSc IN BIOLOGY

**ADMISSION REQUIREMENT** Students should consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.  
Double Major: 30 credit hours in Biology and specified number of credit hours in the other department/program.  
Required courses:

**BIOL-1115(3)** Cells and Cellular Processes, and **BIOL-1116(3)** Evolution, Ecology and Biodiversity.

Minimum 24 credit hours in other Biology courses at or above the 2000 level, not including **BIOL-4111(6)** Biology Honours Thesis.

Minimum 18 credit hours selected from at least 2 (two) Departments of Chemistry, Geography (Physical Geography courses only), Mathematics, Physics, and Statistics INCLUDING at least 3 credit hours of statistics chosen from the following courses:

STAT-1201(6) Introduction to Statistical Analysis  
STAT-1501(3) Elementary Biological Statistics I  
GEOG-2309(3) Statistical Techniques in Environmental Analysis  
PSYC-2101(3) Introduction to Data Analysis

The following courses do not qualify:

CHEM-2801(3) Chemistry and Society  
PHYS-1701(6) Astronomy  
PHYS-2705(6) Cosmology: Science Fact to Science Fiction

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Prescribed courses:  
**BIOL-1115(3)** Cells and Cellular Processes  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity

Restrictions: Only 6 credit hours at the 1000 level will be credited towards the combined major. Any other 1000-level course would be considered as an elective.

## REQUIREMENTS FOR A 4-YEAR BSc IN BIOLOGY

**ADMISSION REQUIREMENT** Students must consult with the Department Advisor in planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus an additional 30 credit hours.

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 48 credit hours/Maximum 78 credit hours in the Major subject.  
Double Major: Minimum 48 credit hours in Biology and specified number of courses in other Major.

Required courses:  
**BIOL-1115(3)** Cells and Cellular Processes  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity  
**BIOL-2301(3)** Genetics or the former BIOL-3301(3)  
**BIOL-2403(3)** Principles of Ecology  
(or former **BIOL-3403(3)**) or  
**BIOL-3902(3)** Microbial Ecology  
**BIOL-3221(3)** Cell Biology

Minimum 24 credit hours selected from at least 2 (two) Departments of Chemistry, Geography (Physical Geography courses only), Mathematics, Physics, and Statistics INCLUDING at least 6 credit hours of statistics chosen from the following options:

STAT-1201(6) Introduction to Statistical Analysis

- OR** STAT-1501(3) Elementary Biological Statistics I **AND ONE OF** STAT-1601(3) Elementary Biological Statistics II **or** STAT-2001(3) Statistics for Chemists and Biologists **or** BIOL-3492(3) Quantitative & Theoretical Biology **or** BIOL-4471(3) Ecological Methods
- OR** GEOG-2309(3) Statistical Techniques in Environmental Analysis **AND ONE OF** BIOL-3492(3) Quantitative & Theoretical Biology **or** BIOL-4471(3) Ecological Methods
- OR** PSYC-2101(3) Introduction to Data Analysis **AND ONE OF** PSYC-2102(3) Introduction to Research Methods **or** BIOL-3492(3) Quantitative & Theoretical Biology **or** BIOL-4471(3) Ecological Methods

The following courses do not qualify:

CHEM-2801(3) Chemistry and Society  
PHYS-1701(6) Astronomy  
PHYS-2705(6) Cosmology: Science Fact to Science Fiction

Students must complete minimum 42 credit hours in Biology above the 1000 level.  
Students taking the 4-Year BSc in preparation for graduate studies are strongly advised to enrol in the BSc Honours program (see below).

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:  
**BIOL-1115(3)** Cells and Cellular Processes  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity

Restrictions: Only 6 credit hours at the 1000 level will be credited towards the combined major. Any other 1000-level course would be considered as an elective.

# REQUIREMENTS FOR AN HONOURS BSc IN BIOLOGY

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Department Advisor in planning their studies.
<b>GRADUATION REQUIREMENT</b> Graduation G.P.A. Requirement	120 credit hours To graduate with a BSc Honours, students must have a minimum GPA of 3.0 on all major (Biology) courses which will be calculated on all course attempts in the major. A minimum 2.75 GPA on all non-major courses which will be calculated as for the General Degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).
<b>RESIDENCE REQUIREMENT</b> Degree: Honours:	Minimum 60 credit hours Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level
<b>GENERAL DEGREE REQUIREMENT</b> Humanities: Writing: Maximum Introductory Courses: Distribution:	12 credit hours in Humanities Minimum 3 credit hours of Academic Writing. Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level. Minimum three (3) credit hours from each of five (5) different subjects.
<b>HONOURS REQUIREMENT</b> Single Honours:	Minimum 54 credit hours in the Major subject. Minimum 30 credit hours in upper-level (3000 and 4000) courses of which a minimum of 15 credit hours must be at the 4000 level.

## Required Courses:

- BIOL-1115(3)** Cells and Cellular Processes
- BIOL-1116(3)** Evolution, Ecology and Biodiversity
- BIOL-2301(3)** Genetics or the former **BIOL-3301(3)**
- BIOL-2403(3)** Principles of Ecology or the former **BIOL-3403(3)**
- BIOL-3221(3)** Cell Biology
- BIOL-4111(6)\*** Biology Honours Thesis \***Note:** This course has admission restrictions, see course description.
- CHEM-1111(3)** Introduction to Chemical Properties of Matter
- CHEM-1112(3)** Basic Principles of Chemical Reactivity

6 credit hours of statistics selected from the following options:

STAT-1201(6) Introduction to Statistical Analysis

- OR** STAT-1501(3) Elementary Biological Statistics I **AND ONE OF** STAT-1601(3) Elementary Biological Statistics II **or** STAT-2001(3) Statistics for Chemists and Biologists **or** BIOL-3492(3) Quantitative & Theoretical Biology **or** BIOL-4471(3) Ecological Methods
- OR** GEOG-2309(3) Statistical Techniques in Environmental Analysis **AND ONE OF** BIOL-3492(3) Quantitative & Theoretical Biology **or** BIOL-4471(3) Ecological Methods
- OR** PSYC-2101(3) Introduction to Data Analysis **AND ONE OF** PSYC-2102(3) Introduction to Research Methods **or** BIOL-3492(3) Quantitative & Theoretical Biology **or** BIOL-4471(3) Ecological Methods

In addition to the above courses students must select a minimum of 33 credit hours from the Biology course offerings at or above the 2000 level **including:** 9 credit hours, selected from the 2000-level organismal courses [a minimum of 2 (two) kingdoms must be included]; 9 credit hours selected from the 4000-level courses in addition to **BIOL-4111(6)**.

As well, students must include in their Honours Program an **additional** minimum of 12 credit hours selected from at least 2 (two) of the following departments: Chemistry, Physics, Mathematics, Statistics and Geography (Physical Geography courses only).

The following courses do not qualify:

- CHEM-2801(3) Chemistry and Society, PHYS-1701(6) Astronomy, PHYS-2705(6) Cosmology: Science Fact to Science Fiction.

# REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN APPLIED BIOLOGY)

## INTRODUCTION

This is a joint degree program whereby students take courses at both institutions in a prescribed sequence. The program has been specifically designed to address the human resource needs of the health and environmental-based industries of Manitoba. Biotechnology is the area of emphasis in the Applied Biology program and the degree requirements are outlined below.

Students are required to complete courses at both institutions. Students will begin their program of study by completing 60 credit hours of course work at The University of Winnipeg. The next 30 credit hours are completed at Red River College and then students return to The University of Winnipeg to complete the final 30 credit hours. Students successfully completing the entire program will receive a joint degree parchment from The University of Winnipeg and Red River College. **N.B. Transfer of courses between institutions applies only to students who are officially in the joint program.**

**ADMISSION REQUIREMENT** Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Applied Biology must be completed through the Admissions Office of The University of Winnipeg by March 1<sup>st</sup> in order to enter the program in September.

**GRADUATION REQUIREMENT** 120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

4-Year Program	
Year 1 - UW	Year 3 - RRC
BIOL-1115(3) Cells and Cellular Processes BIOL-1116(3) Evolution, Ecology and Biodiversity CHEM-1111(3) Intro to the Chemical Properties of Matter CHEM-1112(3) Basic Principles of Chemical Reactivity ACS-1453(3) Intro to Computers <b>OR</b> ACS-1903(3) Programming Fundamentals 1 STAT-1501(3) Elementary Biological Statistics I RHET-1105(3) Academic Writing 6 credit hours Humanities 3 credit hours Electives	ANIM-1030(3) Applied Microbiology CBST-1026(3) Gas Chromatography CBST-3001(6) Advanced Biochemistry CBST-1021(4) Molecular Biology CBST-1028(2) Immunology CBST-1029(7) Instrumentation CBST-1031(3) Introductory Biochemistry CBST-1033(3) Nutraceuticals CBST-1041(2) Regulatory Compliance CBST-1043(3) Tissue Culture
Year 2 - UW	Year 4 - UW
CHEM-2302(3) Quantitative Chemical Analysis CHEM-3302(3) Methods of Chemical Analysis CHEM-2202(3) Organic Chemistry I CHEM-2203(3) Organic Chemistry II BIOL-2301(3) Genetics BIOL-2902(3) Biology of the Prokaryotes & Viruses BIOL-3901(3) Microorganisms & Disease BIOL-3221(3) Cell biology - to be completed in Winter Term 3 credit hours Humanities 3 credit hours of electives	BIOL-2403(3) Principles of Ecology BIOL-4502(3) Molecular Cell Biology BIOL-4501(3) Developmental Biology CHEM-4502(3) Molecular Enzymology 6 credit hours chosen from: BIOL-3602(3) Comparative Animal Physiology I, BIOL-3603(3) Comparative Animal Physiology II, BIOL-3161(3) Vegetative Anatomy & Physiology of Seed Plants BIOL-3162(3) Reproductive Anatomy & Physiology of Seed Plants BIOL-4902(3) Microbial Physiology <b>NB: These courses have prerequisites that may not be included in the program. Consult a faculty advisor each year in planning your full program of study.</b> 3 credit hours of Humanities 9 credit hours of Electives

# REQUIREMENTS FOR THE 3-YEAR BSc DEGREE OF THE UW/RRC COOPERATIVE AGREEMENT IN CHEMICAL AND BIOSCIENCES TECHNOLOGY

In addition to the above program, The University of Winnipeg and Red River College (RRC) have a cooperative agreement for a program of studies designed to afford students the opportunity to obtain both the BSc General degree and the Diploma in Chemical and Biosciences Technology in four years, by allowing credit for work completed at the alternate institution.

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** Minimum 60 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Required courses:

21 credit hours in Biology at the 2000 level or above, excluding **BIOL-4111(6)** Biology Honours Thesis.  
Minimum 18 credit hours selected from at least 2 of the Departments of Chemistry, Geography (Physical Geography courses only), Mathematics, Physics, and Statistics, excluding **CHEM-2801(3)** Chemistry and Society; **PHYS-1701(6)** Astronomy; **PHYS-2705(3)** Cosmology: Science Fact to Science Fiction.

## COURSE LISTINGS

### 1000 LEVEL COURSES

**Note:** Students must obtain credit in both **BIOL-1115(3)** and **BIOL-1116(3)** to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use **BIOL-1112(6)** (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

BIOL-1005(6) Concepts in Science  
BIOL-1102(6) Biology and Human Concerns  
BIOL-1103(6) Human Biology  
BIOL-1106(3) Environmental Biology  
BIOL-1112(6) Human Anatomy and Physiology  
BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology and Biodiversity

### 2000 LEVEL COURSES

BIOL-2111(6) Comparative Chordate Zoology  
BIOL-2115(3) Biology of the Invertebrates  
BIOL-2152(3) Introduction to Algae, Fungi and Mosses  
BIOL-2153(3) Biology of Vascular Plants  
BIOL-2301(3) Genetics  
BIOL-2401(2) Forest Ecology Field Skills Course  
BIOL-2403(3) Principles of Ecology  
BIOL-2451(3) Introduction to Animal Behaviour  
BIOL-2477(3) Forest Measurement  
BIOL-2902(3) Biology of the Prokaryotes and Viruses

### 3000 LEVEL COURSES

**Note:** 3000-level courses may not be offered every year. Consult the current timetable for details.  
BIOL-3152(3) Flora of Manitoba  
BIOL-3161(3) Vegetative Anatomy and Physiology of Seed Plants  
BIOL-3162(3) Reproductive Anatomy and Physiology of Seed Plants  
BIOL-3202(3) Histology  
BIOL-3221(3) Cell Biology  
BIOL-3303(3) Molecular Genetics and Genomics  
BIOL-3410(3) Freshwater Ecology  
BIOL-3471(3) Forest Ecology  
BIOL-3473(3) Principles of Silviculture  
BIOL-3476(3) Forest Policy and Management  
BIOL-3492(3) Quantitative and Theoretical Biology  
BIOL-3562(3) Human Reproductive Biology  
BIOL-3563(3) Human Embryology  
BIOL-3602(3) Comparative Animal Physiology I  
BIOL-3603(3) Comparative Animal Physiology II

BIOL-3702(3) Parasites and Disease  
BIOL-3703(3) Ectoparasitology  
BIOL-3801(3) General Entomology  
BIOL-3901(3) Microorganisms and Disease  
BIOL-3902(3) Microbial Ecology

### 4000 LEVEL COURSES

**Note:** 4000-level courses may not be offered every year. Consult the current timetable for details.

BIOL-4111(6) Biology Honours Thesis  
BIOL-4112(3) Ichthyology  
BIOL-4191(3) Directed Studies in Biology  
BIOL-4303(3) Population Genetics  
BIOL-4331(3) Evolutionary Biology  
BIOL-4402(3) Seminars in Ecology  
BIOL-4411(3) Water Quality and Health  
BIOL-4451(2) Forest Ecosystems Field Course  
BIOL-4453(3) Wetlands Ecosystems Field Course  
BIOL-4471(3) Ecological Methodology  
BIOL-4473(3) Dendrochronology: Principles and Applications  
BIOL-4474(3) Forest Health and Protection  
BIOL-4475(3) Urban Forestry  
BIOL-4501(3) Developmental Biology  
BIOL-4502(3) Molecular Cell Biology  
BIOL-4601(3) Ecological Animal Physiology  
BIOL-4902(3) Microbial Physiology  
BIOL-4904(3) Virology  
BIOL-4931(3) Immunology

### THE FOLLOWING COURSES ARE NOT OFFERED EVERY YEAR:

BIOL-2477(3) Forest Measurement  
BIOL-3161(3) Vegetative Anatomy and Physiology of Seed Plants  
BIOL-3162(3) Reproductive Anatomy and Physiology of Seed Plants  
BIOL-3410(3) Freshwater Ecology  
BIOL-3473(3) Principles of Silviculture  
BIOL-3801(3) General Entomology  
BIOL-3902(3) Microbial Ecology  
BIOL-4112(3) Ichthyology  
BIOL-4402(3) Seminars in Ecology  
BIOL-4411(3) Water Quality and Health  
BIOL-4451(2) Forest Ecosystems Field Course  
BIOL-4453(3) Wetlands Ecosystems Field Course  
BIOL-4471(3) Ecological Methodology  
BIOL-4473(3) Dendrochronology: Principles and Applications  
BIOL-4474(3) Forest Health and Protection  
BIOL-4475(3) Urban Forestry

BIOL-4601(3) Ecological Animal Physiology  
BIOL-4902(3) Microbial Physiology  
BIOL-4904(3) Virology  
BIOL-4931(3) Immunology

## COURSE DESCRIPTIONS

**BIOL-1005(6) CONCEPTS IN SCIENCE (Le6)** This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component. The course fulfills the Science requirement.

**CROSS-LISTED:** PHYS-1005(6) and MULT-1005(6)

**Note:** Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

### **BIOL-1102(6) BIOLOGY AND HUMAN CONCERNS (Le3)**

This course deals with the chemistry of life, cellular structure and function, genetics, natural ecosystems, impact of human populations and activities, food and water safety issues, consumer health awareness, global and Manitoban environmental concerns.

**BIOL-1103(6) HUMAN BIOLOGY (Le3)** This course deals with the fundamental principles of anatomy, physiology, reproduction, and development. It deals with biological theories and practices using humans as the principal example.

**BIOL-1106(3) ENVIRONMENTAL BIOLOGY (Le3)** This course will provide students with an understanding of the interrelationship of living organisms with each other and with their environment. The course will examine the following: the biological basis of environmental damage caused by human population growth; the use and depletion of resources; pollution; and ways in which environmental problems can be minimized.

**RESTRICTIONS:** BIOL-1106(3) may be used towards fulfilling the science requirement for the BA degree. This course cannot be used to fulfill the requirements for the Biology major.

**Note:** Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

### **BIOL-1112(6) HUMAN ANATOMY AND PHYSIOLOGY**

**(Le3,La3)** This course deals with the biological study of the human organism; microscopic and gross anatomy; cellular and general physiology, and human genetics. This course is a prerequisite for the Degree program in Athletic Therapy. It is also a required component of the R.N. programs of several local hospitals. It can be taken by regular students to satisfy the Science Requirement.

**Students who wish to use this course as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.**

**Note:** Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

**Note:** Students with standing in BIOL-1112(6) are not allowed to register or receive credit for KIN-2204(3).

### **BIOL-1115(3) CELLS AND CELLULAR PROCESSES**

**(Le3,La3)** This course will focus on the structural components, biochemistry, and physiology of cells. Topics to be covered will include structure and function of macromolecules, introduction to metabolism, cells and cell structure, cellular respiration, photosynthesis, mitosis and meiosis, life cycles, Mendelian genetics, chromosomes and heredity, DNA structure and replication, transcription and translation, and DNA technology. The laboratory component of this course will both supplement and support the lecture material. The course is designed for students who intend to (a) major in Biology, (b) take a teaching Major or Minor in Biology in the BEd program, (c) take a BSc in Environmental Studies, or (d) take a BA in the B stream of Environmental Studies.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S and Chemistry 40S. Students who have credit in one of Chemistry 40S and Pre-Calculus Mathematics 40S, but not in both, may, under certain conditions, qualify to register in this course.

**RESTRICTIONS:** Students may not receive credit for this course and the former BIOL-1111(6).

**Note:** Cells and Cellular Processes is a prerequisite for all 2000-, 3000- and 4000-level courses in Biology. It is also a required course for entry to Agriculture, Dentistry, Human Ecology, Medical Rehabilitation, Nursing Education, Optometry, Pharmacy, and Veterinary Medicine.

**Note:** Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

### **BIOL-1116(3) EVOLUTION, ECOLOGY AND**

**BIODIVERSITY (Le3,La3)** This course surveys evolution, ecology and biodiversity. Specific topics include evolutionary mechanisms, microevolution, speciation, phylogeny, systematics, eukaryote and prokaryote diversity, behavioural, population, community and ecosystem ecology, and conservation biology. The laboratory emphasizes the diversity of living organisms.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S and Chemistry 40S. Students who have credit in one of Chemistry 40S and Pre-Calculus Mathematics 40S may, under certain conditions, qualify to register in this course.

**RESTRICTIONS:** Students may not receive credit for this course and the former BIOL-1111(6).

**Note:** Evolution, Ecology and Biodiversity is a prerequisite for all 2000, 3000, and 4000-level courses in Biology. It is also a required course for entry to Agriculture, Dentistry, Human Ecology, Medical Rehabilitation, Nursing Education,

Optometry, Pharmacy, and Veterinary Medicine.

**Note:** Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology. Students can elect to take up to 6 additional credit hours in Biology at the 1000 level; however, these additional credit hours will not count towards the requirement for a major in Biology. Students who wish to use BIOL-1112(6) (Human Anatomy and Physiology) as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair.

**BIOL-2111(6) COMPARATIVE CHORDATE ZOOLOGY (Le3,La3)** This course deals with the functional anatomy, adaptations, and evolution of the Protochordata, Agnatha, Chondrichthyes, Osteichthyes, Amphibia, Reptilia, Aves, and Mammalia.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6).

**BIOL-2115(3) BIOLOGY OF THE INVERTEBRATES**

**(Le3,La3)** This course provides a synopsis of the major taxa of invertebrates to demonstrate the richness in diversity of this dominant sub-group of animals and to illustrate their importance to the functioning of natural ecosystems. Major aspects of invertebrate biology that distinguish invertebrates from and unite them with other taxa are considered in detail. The major biological pillars - anatomy, physiology, behaviour, ecology and evolution - are emphasized from a systems approach with appropriate, comparative examples drawn from different invertebrate groups to explain how disparate animal groups solve similar survival and reproductive problems posed by a common environment.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6).

**RESTRICTIONS:** Students may not hold credit in this course and BOTH of the former BIOL-2113(3) and BIOL-2114(3). Students holding credit for one of the BIOL-2113(3) or BIOL-2114(3) should see the Instructor or the Department Chair for permission to register.

**BIOL-2152(3) INTRODUCTION TO ALGAE, FUNGI AND MOSSES (Le3,La3)** This course provides an introduction to the morphology, life histories, evolution and ecology of the algæ, fungi, mosses and their allies. Emphasis will be placed on local organisms. The laboratory work is a major component of the course.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6).

**RESTRICTIONS:** Students may not hold credit for BIOL-2152(3) and the former BIOL-2151(6).

**BIOL-2153(3) BIOLOGY OF VASCULAR PLANTS**

**(Le3,La3)** This course explores the evolution and ecology of the nine extant groups of vascular plants. Their success in ancient and contemporary environments is examined through consideration of structural diversity, life history, and reproductive biology. Emphasis will be placed on local flora.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6).

**RESTRICTIONS:** Students may not hold credit for BIOL-2153(3) and the former BIOL-2151(6).

**BIOL-2301(3) GENETICS (Le3,La3)** Genetics is central to the study of Biology. It deals with the processes of heredity at all levels, from molecules to populations. Genetic analysis is a logical process; the steps we use today are much the same as those employed by Mendel. Genetic phenomena are analyzed using chemical, biochemical, mathematical, and physical techniques. This course will give you an understanding of the subject as a whole and provide you with a sound basis for evaluating contemporary issues such as genetic engineering, environmental mutagens, heritable human diseases etc. Topics to be covered will include: extensions to Mendelian analysis, mapping techniques, gene mutation, the effects of changes in chromosome number and chromosome structure, the

genetics of bacteria and their viruses, the nature of the gene, recombinant DNA technology, and population genetics.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3) or the former BIOL-1111(6).

**RESTRICTIONS:** Students may not hold credit for both BIOL-2301(3) and the former BIOL-3301(3).

**BIOL-2401(1) FOREST ECOLOGY FIELD SKILLS COURSE**

**(La1)** This intensive two-week field course is mandatory for students in the Forest Ecology program and is designed to give students field survival and basic forestry skills. Topics include bush camp construction; safe use of boats, ATV's, and chain saws; and basic bush survival skills. Students also learn how to correctly use topographical maps, compasses, air photos, GIS maps and other forestry equipment. This course is offered at Keewatin Community College at The Pas, Manitoba.

**PREREQUISITES:** This course is also listed as KC.RRR.1200/1 in the KCC general calendar.

**CROSS-LISTED:** Environmental Studies ENV-2401/1.

**BIOL-2403(3) PRINCIPLES OF ECOLOGY (Le3,La3)** This course is concerned with general concepts in ecology. Topics covered will include energy flow, biochemical cycles, populations, communities, and human ecology.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6).

**RESTRICTIONS:** Students may not hold credit for both BIOL-2403(3) and the former BIOL-3403(3) or BIOL-3402(6).

**BIOL-2451(3) INTRODUCTION TO ANIMAL BEHAVIOUR**

**(Le3)** This course provides an introduction to the evolutionary basis of animal behaviour, covering such topics as the relationship between genes and behaviour, communication, foraging, locomotion, mating behaviour, and the social interactions that contribute to the biological success of animals. Each of the major topics is outlined with respect to cost and benefits of different behaviours within particular ecological contexts and explicit examples are drawn from different animal taxa to illustrate the concepts. The course is expected to provide a foundation and context for other related disciplines in biology, especially physiology and ecology, and to illustrate how behaviours function to solve problems for animals

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3) or BIOL-1102(6)

**BIOL-2477(3) FOREST MEASUREMENT (Le3)** Students

study the various methods, techniques, and statistical approaches to measuring tree growth and assessing forest inventory. This course examines individual tree growth and measurement (growth and yield) and the measurement of standing and harvested trees from an inventory and volume perspective.

**COREQUISITES:** GEOG-2309(3), or STAT-1201(6), or STAT-1501(3), or PSYC-2101(3), or permission of the instructor.

**RESTRICTIONS:** This course is intended for students enrolled in the Forest Ecology Program in Environmental Studies.

Students not in this program but wishing to take this course need the permission of the instructor.

**BIOL-2902(3) BIOLOGY OF THE PROKARYOTES AND**

**VIRUSES (Le3,La3)** This course provides an introduction to the morphology, physiology and biochemistry of the major groups of prokaryotes and viruses. Emphasis will be placed on examining the fundamental principles and methods used in culturing, characterizing, and classifying of bacteria.

**PREREQUISITES:** BIOL-1115(3), BIOL-1116(3), CHEM-1111(3), and CHEM-1112(3), or the former BIOL-1111(6) and CHEM-1101(6).

**RESTRICTIONS:** Students may not hold credit for BIOL-2902(3) and the former BIOL-2901(6).

**BIOL-3152(3) FLORA OF MANITOBA (Le3,La3)** Because knowledge of the flora of Manitoba is essential to field biologists, this course includes discussion of the origin and



present composition of the Manitoba flora, identification, description, collection, nomenclature, classification, and evolutionary relationships of plants. Laboratory work consists of examination of the more important plant families and habitats in the province.

**PREREQUISITES:** BIOL-2153(3) or the former BIOL-2151(6). Students are required to submit a mounted and identified collection of plants as part of the laboratory exercises. This collection should be initiated in the summer preceding registration in the course. Students should contact the Instructor for further details.

**BIOL-3161(3) VEGETATIVE ANATOMY AND PHYSIOLOGY OF SEED PLANTS (Le3,La3)** The course involves an integrated study of the structure and function of the vegetative parts of seed plants. It will include study of the structure and organization of cells and tissues as well as the development and function of these structures.

**PREREQUISITES:** BIOL-2153(3) or the former BIOL-2151(6).

**BIOL-3162(3) REPRODUCTIVE ANATOMY AND PHYSIOLOGY OF SEED PLANTS (Le3,La3)** The course involves a study of the reproductive structure of seed plants, including their anatomy, development, control mechanisms in the flowering and fruiting process, and the physiology of the various flower parts and fruit parts.

**PREREQUISITES:** BIOL-3161(3).

**BIOL-3202(3) HISTOLOGY (Le3,La3)** This course examines the microscopic structure of vertebrate tissues and organs, with stress on mammalian histology. Consideration is also given to structure-function relationships.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6).

**RESTRICTIONS:** Students may not hold credit for both BIOL-3202(3) and the former BIOL-2202(3).

**BIOL-3221(3) CELL BIOLOGY (Le3,La3)** This course examines the ultrastructure of cells and sub-cellular organelles. The study includes the interrelationship of structure and function, cellular biochemistry, bioenergetics, and cellular differentiation.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6). Students are advised not to attempt this course unless they have obtained a grade of at least C in CHEM-2202(3) and CHEM-2203(3) or the former CHEM-2201(6).

**BIOL-3303(3) MOLECULAR GENETICS AND GENOMICS (Le3, La3)** This course deals with basic genetic techniques and phenomena at the molecular level. Topics covered include transcription, translation and the genetic code, regulation of gene expression in prokaryotes and eukaryotes, recombinant DNA technology and its applications, genomics, manipulation of sequence database information and sequence data analysis.

**PREREQUISITES:** BIOL-2301(3)

**RESTRICTIONS:** Students may not receive credit for this course and the former BIOL-4302(3).

**BIOL-3410(3) FRESHWATER ECOLOGY (Le3,La3)** This course examines the environmental and biotic processes which operate in aquatic environments. Special emphasis is placed on Manitoba ecosystems. Topics covered include the following: water quality, physical and chemical processes operating in freshwaters, and an overview of freshwater organisms that constitute aquatic communities.

**PREREQUISITES:** BIOL-2403(3) or the former BIOL-3403(3) or BIOL-3402(6).

**RESTRICTIONS:** Students may not hold credit for this course and the former BIOL-4410(3).

**BIOL-3471(3) FOREST ECOLOGY (Le3)** This course provides an integrative, interdisciplinary discussion on structure and function of forest ecosystems, with a special reference to boreal forests in North America. Topics to be

covered will include the following: the concept of ecosystem studies; global and local variations in forest type; forest ecosystem classification; processes controlling ecosystem structure and function; disturbances, succession, and ecosystem function of boreal forests; and computer modelling in ecosystem studies.

**PREREQUISITES:** BIOL-2403(3) or the former BIOL-3403(3) or GEOG-2203(6) (Soils and Vegetation).

**BIOL-3473(3) PRINCIPLES OF SILVICULTURE (Le3)** This course integrates biological principles of tree growth and regeneration (silvics) with the application of this knowledge to forest management (silviculture). Silvics is defined as biological life histories and environmental requirement of forest trees. Silviculture is the theory and practice of influencing forest regeneration, species composition, and growth to accomplish a variety of resource management objectives. Silvicultural practices include coverage of even-aged and uneven-aged management, and ecological reforestation principles and techniques.

**PREREQUISITES:** BIOL-2153(3) and BIOL-2403(3).

**RESTRICTIONS:** Students will not receive credit for this course and the former BIOL-3472(3).

**BIOL-3476(3) FOREST POLICY AND MANAGEMENT (Le3)**

This course focuses on the principles and practices of sustainable forestry in Canada. It outlines the evolution of the Canadian forest industry, examining past and current forestry policy, practices, and legal frameworks. Topics include harvesting, reforestation, forest protection, private woodlot forestry, and speciality products, as well as the acts, regulations, codes, and guidelines which govern these aspects of forestry. The course examines the place of Canadian forestry within the larger context of multi-resource management, multi-stakeholder processes, and the global market. The environmental impact of forest management activities on the landscape is examined in light of ever changing environmental codes and restrictions and the need to produce "green products."

**RESTRICTIONS:** Students may not hold credit for BIOL-3476(3) and the former BIOL-4476(3).

**BIOL-3492(3) QUANTITATIVE AND THEORETICAL BIOLOGY (Le3)**

This course explores quantitative and theoretical biology. Topics include the relationship of theory to data, hypothesis testing, spreadsheet modelling, bootstrapping and other resampling methods.

**PREREQUISITES:** BIOL-2301(3) and BIOL-2403(3)

**BIOL-3562(3) HUMAN REPRODUCTIVE BIOLOGY (Le3,T1)**

This course presents a comprehensive overview of the biology of human sex and reproduction including the anatomy and physiology of the male and female reproductive systems, sexual response, fertilization, contraception, and sexually transmitted diseases. It provides the biological background required for critical evaluation of many current issues surrounding human reproduction and sexuality. Tutorial times will be used for the presentation of additional course information and supplemental activities such as class presentations, peer-editing exercises, videos and group projects.

**PREREQUISITES:** One of BIOL-1102(6), BIOL-1103(6), BIOL-1112(6) or BIOL-1115(3) and BIOL-1116(3).

**RESTRICTIONS:** Students may not hold credit in this course and the former BIOL-3561(6).

**BIOL-3563(3) HUMAN EMBRYOLOGY (Le3)**

This course provides a comprehensive overview of the structural, functional and developmental anatomy of the human body. Consideration is given to the important events of the first three weeks of development. The normal development of several organ systems including the urogenital, cardiovascular, respiratory and digestive is examined as well as examples of abnormalities that may arise.

**PREREQUISITES:** One of BIOL-1102(6), BIOL-1103(6), BIOL-1112(6) or BIOL-1115(3) and BIOL-1116(3).

**RESTRICTIONS:** Students may not hold credit in this course

and the former BIOL-3561(6).

### **BIOL-3602(3) COMPARATIVE ANIMAL PHYSIOLOGY I**

**(Le3,La3)** This course introduces the concepts of physiological homeostasis, physiological control systems and excitable cells. Principal topics are nerve physiology, muscle physiology and cardiovascular physiology.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6). It is strongly recommended that students successfully obtain standing in CHEM-1111(3) and CHEM-1112(3), or the former CHEM-1101(6), before attempting this course.

**RESTRICTIONS:** Students with standing in the former BIOL-3601(6) may not receive credit for this course.

### **BIOL-3603(3) COMPARATIVE ANIMAL PHYSIOLOGY II**

**(Le3,La3)** This course continues the study of animal physiology. Principal topics are respiratory physiology, whole animal metabolism, osmoregulation, digestion and endocrine physiology.

**PREREQUISITES:** BIOL-3602(3) or permission of the instructor.

**RESTRICTIONS:** Students with standing in the former BIOL-3601(6) may not receive credit for this course.

### **BIOL-3702(3) PARASITES AND DISEASE (Le3,La3)**

This course provides a synopsis of the major taxa of parasites that inhabit tissues and organs of metazoan animals and a detailed consideration of the biology of organisms that reside within other organisms as parasites. Some of the course deals with clinical manifestations and treatment of endo-parasitic infections as well as the use of knowledge about life cycles for the design of effective programs of control and intervention. The synopsis of major taxa is structured to emphasize diversity of endo-parasitic organisms and to demonstrate their importance as limiting, biological factors for their hosts.

**PREREQUISITES:** BIOL-2115(3) or the former BIOL-2113(3), or permission of the instructor.

**RESTRICTIONS:** Students may not hold credit in this course and the former BIOL-3701(6).

### **BIOL-3703(3) ECTOPARASITOLOGY (Le3,La3)**

This course provides a synopsis of the major taxa of parasites and blood-feeding arthropods that live on other metazoan animals and a detailed consideration of the ways in which these organisms act directly as parasites and as vectors of other parasitic organisms. Emphasis is placed on ecological associations between host organisms and parasites as a means of understanding the epidemiology of vector-borne, parasitic diseases. Most of the course deals with the biology of parasitic arthropods as well as the use of biological information about life cycles to consider effective means of control and intervention. The synopsis of major taxa is structured to emphasize diversity of ectoparasitic organisms as a means of demonstrating the significant evolutionary success of the blood-feeding habit.

**PREREQUISITES:** BIOL-2115(3) or the former BIOL-2114(3), or permission of the instructor.

**RESTRICTIONS:** Students may not hold credit in this course and the former BIOL-3701(6).

### **BIOL-3801(3) GENERAL ENTOMOLOGY (Le3,La3)**

The course deals with the life history, structural and behavioral adaptations, the economic effects of insects, and insect control. The laboratory period will include the collection, preservation, dissection and identification of insects.

**PREREQUISITES:** BIOL-2115(3) or the former BIOL-2114(3)..

**Note:** Students are required to submit a mounted and identified collection of insects as part of the laboratory exercises. This collection should be initiated in the summer preceding registration in the course. Students should contact the instructor for further details.

### **BIOL-3901(3) MICROORGANISMS AND DISEASE**

**(Le3,La3)** The course will include a study of medically important microorganisms with emphasis on viruses and bacteria, including chlamydiae, mycoplasmas, and rickettsias. Topics to be covered will include mechanisms of microbial pathogenicity and virulence; the etiology and epidemiology of important human pathogens; public health and nosocomial infections; antimicrobial agents and chemotherapy; and basic principles of host defence mechanisms. Attention will also be paid to diseases of important animal species and to plants of economic importance.

**PREREQUISITES:** BIOL-2902(3) and CHEM-1111(3) and CHEM-1112(3), or the former CHEM-1101(6).

**RESTRICTIONS:** Students may not hold credit for both BIOL-3901(3) and the former BIOL-2901(6).

### **BIOL-3902(3) MICROBIAL ECOLOGY (Le3)**

This course examines the ecologically important activities of microorganisms, including interactions between microorganisms, plants, and animals; the cycling of carbon, nitrogen, sulphur, and phosphorus through terrestrial and aquatic ecosystems; bio-deterioration; soil, waste, and water management; resource recovery; fuel and biomass production; biological pest control; microbial transformation of man-made organic chemicals; and bio-remediation.

**PREREQUISITES:** BIOL-2902(3), or the former BIOL-2901(6).

**RESTRICTIONS:** Students may not hold credit for BIOL-3902(3) and the former BIOL-4901(3).

### **BIOL-4111(6) BIOLOGY HONOURS THESIS (P)**

This course is intended for but not restricted to students in the Honours program. Students undertake a research project in an area of biological interest. Presentation of the results verbally and in thesis form to the Biology Department is an integral part of the course. Each project will be supervised by a faculty member.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3), or the former BIOL-1111(6); 24 credit hours offered by the Department at or above the 2000 level; at least 3 credit hours in Statistics or Data Analysis, a minimum GPA of 3.0 in Biology and a minimum overall GPA of 2.75, or permission of the Department Chair.

**Note:** Enrolment in this course is limited by the availability of faculty to serve as supervisors. Students must obtain written permission from the Department Chair to register for the course. A written agreement between the student and the faculty supervisor is required before permission will be granted.

### **BIOL-4112(3) ICHTHYOLOGY (Le3, La3)**

This course is concerned with the morphology, ecology, evolution, and distribution of fishes. Human interaction with fishes and conservation and management of fish stocks are also discussed. Fishes and the management of fish stocks in Manitoba and Canada are emphasized.

**PREREQUISITES:** BIOL-2111(6).

### **BIOL-4191(3) DIRECTED STUDIES IN BIOLOGY (D)**

This course allows students to undertake research in their areas of interest. The research may take the form of a literature review, it may be experimental in nature, or it may involve analysis of existing data. Evaluation is based on an extensive written report summarizing the student's findings. Permission to enrol is dependent on the availability of an instructor in the student's field of interest. A student may receive credit for this course only once.

**PREREQUISITES:** BIOL-1115(3) and BIOL-1116(3) and four other Biology courses or, if not a major, BIOL-1115(3), BIOL-1116(3) and a degree in another discipline or permission of instructor.

### **BIOL-4303(3) POPULATION GENETICS (Le3)**

This course covers the basics of detection and quantification of genetic

variation in natural populations, and how genetic variation is affected by mutation, recombination, migration, mating patterns and changes in population size. Students are introduced to the theories of the maintenance of genetic variation by exploring natural selection *versus* genetic drift and how these forces affect the genetic variability of populations. Examples of the application of population genetics principles in the areas of conservation biology, evolution and human health are illustrated. The final part of the course is dedicated to the application of population genetics principles in the analysis of actual DNA and protein data.

**PREREQUISITES:** BIOL-2301(3) or the former BIOL-3301(3)

### **BIOL-4331(3) EVOLUTIONARY BIOLOGY (Le3)**

Biologists use Darwin's framework to study the living world. This course will examine the development of evolutionary thought; evolutionary genetics; natural, sexual, and developmental selection; the levels of selection; speciation and extinction. Topics of direct relevance to humans will be emphasized.

**PREREQUISITES:** BIOL-2301(3) or the former BIOL-3301(3), BIOL-2403(3) or the former BIOL-3403(3) and at least three credits chosen from BIOL-2111(6), BIOL-2115(3), BIOL-2152(3), BIOL-2153(3) or the former BIOL-2113(3), the former BIOL-2114(3).

**RESTRICTIONS:** Students may not hold credit for both BIOL-4331(3) and the former BIOL-3331(3).

**BIOL-4402(3) SEMINARS IN ECOLOGY (Le3)** This course involves students in current issues and topics in ecology. The Instructor supplies a range of potential topics from which students can select ones of interest. Students may also offer their own topics for presentation. Students present a review of their topic to the class in the form of a seminar. Success in the course depends on substantial class participation and will involve peer assessment and review.

**PREREQUISITES:** BIOL-2403(3) and any one of: BIOL-3471(3), BIOL-3902(3); or permission of the instructor.

### **BIOL-4411(3) WATER QUALITY AND HEALTH (Le3,La3)**

This course deals with inorganic, organic, and biotic components of water which affect water quality. The impacts on aquatic ecosystems and on recreational, industrial, and agricultural uses are studied. The greatest emphasis is on drinking water quality as it relates to public health and water-borne illness.

**PREREQUISITES:** BIOL-1115(3), BIOL-1116(3), and both of CHEM-1111(3) and CHEM-1112(3) or the former CHEM-1101(6). Recommended: CHEM-2202(3) and CHEM-2203(3) or the former CHEM-2201(6).

### **BIOL-4451(2) FOREST ECOSYSTEMS FIELD COURSE**

**(P,V)** This is an intensive three-week field course designed to give students a comprehensive overview of forest ecology field skills. Topics include field and laboratory exercises in boreal and urban forestry; tree and plant identification; classification of forest types; forest management and environmental impact; soil classification; forest succession; dendrochronology; forest measurement; forest protection and silviculture.

**PREREQUISITES:** BIOL-2153(3) and BIOL-2403(3).

**RESTRICTIONS:** This course is intended for students enrolled in the Forest Ecology Program in Environmental Studies. Students not in this program but wishing to take this course need the permission of the instructor.

### **BIOL-4453(3) WETLANDS ECOSYSTEMS FIELD**

**COURSE (NT)** This course deals with the methods for studying the ecology of lakes, rivers and streams, and marshes: three major freshwater habitats found in Manitoba. Students will examine the methods for sampling

and analyzing data on the chemical, physical, and biological components of these habitats. The adaptations of animals and plants to freshwater ecosystems will be emphasized.

**PREREQUISITES:** BIOL-2403(3), or the former BIOL-3403(3) or BIOL-3402(6).

### **BIOL-4471(3) ECOLOGICAL METHODOLOGY (Le3,La3)**

This course is concerned with ecological methodology as well as the use of computers to analyze, interpret, and present ecological data. Topics to be covered will include the following: the nature and properties of measurements; graphic presentation, statistical analysis, and ecological interpretation of data; sampling and experimental design; and selected methodologies in studying forest ecosystems.

**PREREQUISITES:** One of GEOG-2203(6), BIOL-2403(3) or BIOL-3471(3) and one of STAT-1501(3), GEOG-2309(3), GEOG-2310(3) or BIOL-3492(3) or permission of instructor.

### **BIOL-4473(3) DENDROCHRONOLOGY: PRINCIPLES AND APPLICATIONS (Le3,La3)**

This course constitutes an introduction to dendrochronology; the science of tree-ring analysis. Dendrochronology is particularly appropriate for students with interests in the chronological and dynamical aspects of tree growth, forest ecology, climatology, hydrology, geomorphology, and anthropology/archaeology. The history, principles and applications of dendrochronology are reviewed in this course. Problems related to the sampling and dating of tree-ring series; the development of chronological series, the analysis and interpretation of dendrochronological data are also emphasized. This course includes a compulsory field trip during the second or third weekend of the course.

**PREREQUISITES:** BIOL-2403(3) or the former BIOL-3403(3) and BIOL-2153(3) or permission of the instructor.

### **BIOL-4474(3) FOREST HEALTH AND PROTECTION (Le3)**

This course focuses on the effect of fire, insect, disease, and abiotic disturbances on the sustainable management of commercial forests in Canada. The course covers historic practices, current activities, and future trends in protecting commercial forests and ensuring the integrity of forest ecosystems. Emphasis is placed upon the impact of forest health activities on the general ecological components of forest systems and the relationship between forest succession. The evolution of Canadian forestry protection policy and industry regulation is also examined.

**PREREQUISITES:** BIOL-2115(3) or the former BIOL-2114(3) and BIOL-2153(3) OR permission of instructor.

### **BIOL-4475(3) URBAN FORESTRY (Le3,LaV)**

This course focuses on the biology, ecology, and management of urban forests. Students examine the impact of both natural and human-induced stresses on the urban forest, including forest protection and enhancement in relation to other competing interests in the urban environment. The evolution of urban forest planning and management are discussed and the role of Canadian policies and regulations in influencing urban forest tree species and integration of urban forests into our communities are studied.

**PREREQUISITES:** BIOL-2115(3) or the former BIOL-2114(3) and BIOL-2153(3) OR permission of instructor.

### **BIOL-4501(3) DEVELOPMENTAL BIOLOGY (Le3, La3)**

This course examines the molecular basis of, and the regulatory mechanisms involved in, cellular differentiation, the interaction of cells during the formation of tissues, growth, and aging in animal development.

**PREREQUISITES:** BIOL-3221(3). Recommended: BIOL-2301(3) (or the former BIOL-3301(3)), and CHEM-3502(3) and CHEM-3503(3) (or the former CHEM-3501(6)).

### **BIOL-4502(3) MOLECULAR CELL BIOLOGY (Le3)**

Topics to be covered will include the following: cell signalling; the cytoskeleton, extracellular matrices and cell adhesion; the

cell division cycle; apoptosis and cell death; the immune system and the genetic basis of cancer. Instruction will involve lectures and discussion; students will be required to write a paper and present a seminar based on a review of the primary research literature.

**PREREQUISITES:** BIOL-2301(3) or the former BIOL-3301(3), BIOL-3221(3) and CHEM-3502(3) and CHEM-3503(3) or the former CHEM-3501(6).

**COREQUISITES:** BIOL-3303(3) or the former BIOL-3302(3) or BIOL-4302(3).

**BIOL-4601(3) ECOLOGICAL ANIMAL PHYSIOLOGY**

**(Le3)** This course considers physiological adaptations of animals, primarily non-mammalian vertebrates and invertebrates, to their environments. It examines short term adaptations to specific environmental stressors, and physiological strategies associated with long term adaptation to particular ecological niches.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3), or the former CHEM-1101(6) and any one of BIOL-2111(6), BIOL-3602(3) and BIOL-3603(3) or the former BIOL-3601(6) or CHEM-3502(3) and CHEM-3503(3) or the former CHEM-3501(6).

**BIOL-4902(3) MICROBIAL PHYSIOLOGY (Le3)** This course examines the principal reactions of the energy and biosynthetic metabolism of bacteria using *Escherichia coli* as the model system. Additional topics to be discussed include metabolic diversity and catabolic activities of aerobic heterotrophs; regulation of bacterial metabolism; bacterial

fermentations; chemolithotrophic and phototrophic metabolism, and fixation of molecular nitrogen.

**PREREQUISITES:** BIOL-2902(3) and BIOL-3901(3), or the former BIOL-2901(6), CHEM-3502(3) and CHEM-3503(3) or the former CHEM-3501(6) or permission of instructor.

**BIOL-4904(3) VIROLOGY (Le3)** This course examines variations in viral architecture; molecular processes that characterise the common steps of the reproductive cycles of viruses within a host cell; host cell responses to viral infections; and viral evolution. It includes a survey of adaptive strategies viruses use to meet specific situations, with illustrations taken from bacterial, animal, and plant viruses.

**PREREQUISITES:** BIOL-2902(3) and BIOL-2301(3).

**COREQUISITE:** BIOL-3221(3).

**BIOL-4931(3) IMMUNOLOGY (Le3)** Immunology is the study of the defence system which the body has evolved to protect itself from external threats such as viruses and internal threats such as tumour cells. Topics to be covered include non-specific immunity, acquired immunity, the structure, function and genetics of antibodies, antigen-antibody interactions, cells and organs of the immune system, autoimmunity, MHC and T-cell receptors, cytokine signalling and applications of immunology.

**PREREQUISITES:** BIOL-2301(3), BIOL-3221(3), and BIOL-3901(3).

# BIOPSYCHOLOGY (BPSY)

**Note:** The department/program code BPSY replaces the former code 07. Students cannot hold credit in BPSY-xxxx and the former 07.xxxx having the same course number.

**Coordinator:** B. Bolster; **Program Advisors:** E. Byard, S. Forbes, P. Pearson, M. Wiegand, D. Williams.

## DEGREES/PROGRAMS OFFERED

**3-Year BSc**

**4-Year BSc**

**Honours BSc**

## INTRODUCTION

Biopsychology is the branch of neuroscience concerned with how the brain and the nervous system control behaviour. Biopsychology is a rapidly developing research area that includes all aspects of the structure and function of the nervous systems and involves a variety of experimental strategies aimed at improving our understanding of nervous systems (biology), and their relationship to behaviour (psychology). Firmly grounded in the natural sciences, biopsychology includes molecular, biochemical, anatomical, physiological, behavioural, and developmental approaches. In addition to improving our understanding of the relationship between the nervous system and behaviour, knowledge obtained from research in biopsychology is increasingly being applied to a variety of health problems including stroke, Alzheimer's disease, Parkinsonism, and a wide variety of drug- or injury-induced behavioural and cognitive disorders. This program prepares students for further study in neuroscience, psychology, medicine, speech pathology, communication disorders and related fields.

## NOTE ON DEPARTMENT COURSE ADMISSION REQUIREMENTS

Biopsychology students are expected to meet course requirements specified by the department offering the courses. Please note that Psychology and Biology courses may have somewhat different requirements for registration in certain courses. For example, Biology requires no special permission to enroll in 4000-level courses in Biology, whereas Psychology requires academic advising and approval from the Honours Committee to register for 4000-level courses. Psychology approval normally requires (1) a minimum 3.0 GPA (B) in Psychology courses based on all attempts (including course repeats and failures), and (2) a minimum 2.5 GPA (C+) in all Non-Psychology courses calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade is used). Exemptions to these requirements may be granted for admission to specific courses.

## REQUIREMENTS FOR A 3-YEAR BSc IN BIOPSYCHOLOGY

### ADMISSION REQUIREMENT

Students are required to consult with a Program Advisor or Coordinator in planning their course of study.

Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue this BSc degree.

Entry into the program after completing a minimum of 30 credit hours.

A grade of C or better in **PSYC-1000(6)**.

### GRADUATION REQUIREMENT

90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours

Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 18 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing

Distribution: Minimum five (5) different subjects

### MAJOR REQUIREMENT

Single Major: Minimum 54 credit hours in the subject as per the Required Course list

Double Major: Minimum 54 hours in Biopsychology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

**PSYC-1000(6)** Introductory Psychology, minimum 2.0 GPA (C)

**CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))

**CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))

**BIOL-1115(3)** Cells and Cellular Processes (or the former BIOL-1111(6))

**BIOL-1116(3)** Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))

**PSYC-2102(3)** Introduction to Research Methods

**PSYC-2900(3)** Physiological Psychology I

**CHEM-2202(3)** Organic Chemistry I (or the former CHEM-2201(6))

**CHEM-2203(3)** Organic Chemistry II (or the former CHEM-2201(6))

**BIOL-2301(3)** Genetics (or the former BIOL-3301(3))

**BIOL-3221(3)** Cell Biology

Minimum of 3 credit hours to be selected from:

- PSYC-2101(3)** Introduction to Data Analysis
- STAT-1501(3)** Elementary Biological Statistics I
- STAT-1201(6)** Introduction to Statistical Analysis

Minimum of 3 credit hours to be selected from:

- PSYC-2600(3)** Attention and Memory
- PSYC-2610(3)** Perception I
- PSYC-2620(3)** Psycholinguistics
- PSYC-2800(3)** Fundamentals of Animal Learning
- PSYC-2920(3)** Drugs & Behaviour

Minimum of 6 credit hours to be selected from:

- BIOL-3602(3)** Comparative Animal Physiology I (or the former BIOL-3601(6))
- BIOL-3603(3)** Comparative Animal Physiology II (or the former BIOL-3601(6))
- BIOL-2111(6)** Comparative Chordate Zoology

6 additional credit hours at or above 3000 level from Natural Science courses (**PSYC-x6xx, PSYC-x8xx or PSYC-x9xx(3)**) in Psychology

**Advisory:** Students are advised that a 3-year BSc is not normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year. Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses. No special permission is required to enroll in 4000-level courses in Biology.

## REQUIREMENTS FOR A 4-YEAR BSc IN BIOPSYCHOLOGY

This allows program students with interests in the sciences to expand their knowledge of the subject area. Students are required to consult with a Departmental Honours Advisor at the time they enrol in 4000-level courses in the Psychology Department. Appointments for advising are arranged through the departmental secretary at 786-9130. Enrolling in 4000-level courses in the Biology department does not require a consultation with a faculty member.

### ADMISSION REQUIREMENT

Students are required to consult with a Program Advisor or Coordinator in planning their course of study.

Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue a 4-year BSc.

Entry into the program after completing a minimum of 30 credit hours.

### GRADUATION REQUIREMENT

120 credit hours

### GRADUATION GPA REQUIREMENT

Graduation minimum GPA is 2.5 (C+) in Major subject courses (Psychology and Biology) and 2.50 (C+) in Major subject courses.

Minimum 2.5 GPA (C+) based on all attempts (including course repeats and failures) in Psychology and Biology.

Minimum 2.5 GPA (C+) in all non-major subject courses calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used).

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 18 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing

Distribution: Minimum five (5) different subjects

### MAJOR REQUIREMENT

Single Major: Minimum 69 credit hours in the subject as per the Required Course list

Double Major: Minimum 69 credit hours in Biopsychology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

- PSYC-1000(6)** Introductory Psychology
- CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))
- CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))
- BIOL-1115(3)** Cells and Cellular Processes (or the former BIOL-1111(6))
- BIOL-1116(3)** Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
- PSYC-2102(3)** Introduction to Research Methods
- PSYC-2900(3)** Physiological Psychology I
- CHEM-2202(3)** Organic Chemistry I (or the former CHEM-2201(6))
- CHEM-2203(3)** Organic Chemistry II (or the former CHEM-2201(6))
- BIOL-2301(3)** Genetics (or the former BIOL-3301(3))
- BIOL-3221(3)** Cell Biology

- CHEM-3502(3)** Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules  
**CHEM-3503(3)** Intermediate Biochemistry II: Intermediary metabolism  
 Minimum of 3 credit hours to be selected from:  
**PSYC-2101(3)** Introduction to Data Analysis  
**STAT-1501(3)** Elementary Biological Statistics I  
**STAT-1201(6)** Introduction to Statistical Analysis  
 Minimum of 3 credit hours to be selected from:  
**PSYC-2600(3)** Attention and Memory  
**PSYC-2610(3)** Perception I  
**PSYC-2800(3)** Fundamentals of Animal Learning  
**PSYC-2620(3)** Psycholinguistics  
**PSYC-2920(3)** Drugs & Behaviour  
 Minimum of 6 credit hours to be selected from:  
**BIOL-3602(3)** Comparative Animal Physiology I (or the former BIOL-3601(6))  
**BIOL-3603(3)** Comparative Animal Physiology II (or the former BIOL-3601(6))  
**BIOL-2111(6)** Comparative Chordate Zoology  
 Minimum of 6 credit hours to be selected from:  
**BIOL-3492(3)** Quantitative and Theoretical Biology  
**BIOL-3202(3)** Histology  
**BIOL-3303(3)** Molecular Genetics and Genomics (or the former BIOL-4302(3))  
**BIOL-4502(3)** Molecular Cell Biology  
**BIOL-4501(3)** Developmental Biology

Minimum of 3 credit hours at the 3000 level from Natural Science Courses in Psychology (**PSYC-36xx, PSYC-38xx** or **PSYC-39xx**).

Minimum of 6 credit hours in Natural Science Courses in Psychology at 4000 level (**PSYC-46xx, PSYC-48xx** or **PSYC-49xx(3)** courses).

**Advisory:** Students are advised that a 4-year BSc is not normally sufficient for admission to graduate studies. Students normally enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year.

## REQUIREMENTS FOR AN HONOURS BSc IN BIOPSYCHOLOGY

This program allows students with demonstrated ability an opportunity to deal more extensively and intensively with the subject matter. Students are required to consult with a Departmental Honours Advisor at the time they enrol in 4000-level courses in the Psychology Department. Appointments for advising are arranged through the departmental secretary at 786-9130. Enrolling in 4000-level courses in the Biology department does not require a consultation with a faculty member.

### ADMISSION REQUIREMENT

Students are required to consult with a Program Advisor or Coordinator in planning their course of study.  
 Both Chemistry 40S and either Pre-Calculus or Applied Mathematics 40S are required for students wishing to pursue a BSc (Hons).  
 Entry into the program after completing a minimum of 30 credit hours.

### GRADUATION REQUIREMENT

120 credit hours

### GRADUATION GPA REQUIREMENT

Graduation minimum GPA is 3.0 (B) in Honours subject courses (Psychology and Biology) and 2.75 in Non-Honours subject courses.  
 Minimum 3.0 GPA (B) based on all attempts (including course repeats and failures) in Psychology and Biology  
 Minimum 2.75 GPA (C+) in all Non-Honours Subject courses calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used)

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
 Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
 Science: 18 credit hours in Science  
 Writing: Minimum 3 credit hours of Academic Writing  
 Distribution: Minimum five (5) different subjects

### HONOURS REQUIREMENT

Single Major: Minimum 87 credit hours in the subject as per the Required Course list  
 Double Major: Minimum 87 credit hours in Biopsychology and specified number of credit hours in other Major (may vary depending on interdisciplinary courses completed as they may be able to be credited to both Majors).

Required courses:

- PSYC-1000(6)** Introductory Psychology  
**CHEM-1111(3)** Introduction to the Chemical Properties of Matter (or the former CHEM-1101(6))  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity (or the former CHEM-1101(6))

<b>BIOL-1115(3)</b>	Cells and Cellular Processes (or the former BIOL-1111(6))
<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity (or the former BIOL-1111(6))
<b>PSYC-2102(3)</b>	Introduction to Research Methods
<b>PSYC-2900(3)</b>	Physiological Psychology I
<b>CHEM-2202(3)</b>	Organic Chemistry I (or the former CHEM-2201(6))
<b>CHEM-2203(3)</b>	Organic Chemistry II (or the former CHEM-2201(6))
<b>BIOL-2301(3)</b>	Genetics (or the former BIOL-3301(3))
<b>BIOL-3221(3)</b>	Cell Biology
<b>CHEM-3502(3)</b>	Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
<b>CHEM-3503(3)</b>	Intermediate Biochemistry II: Intermediary Metabolism
<b>PSYC-4100(6)</b>	Intermediate Research Design and Data Analysis

Minimum of 3 credit hours to be selected from:

<b>PSYC-2101(3)</b>	Introduction to Data Analysis
<b>STAT-1501(3)</b>	Elementary Biological Statistics I
<b>STAT-1201(6)</b>	Introduction to Statistical Analysis

Minimum of 3 credit hours to be selected from:

<b>PSYC-2600(3)</b>	Attention and Memory
<b>PSYC-2610(3)</b>	Perception I
<b>PSYC-2800(3)</b>	Fundamentals of Animal Learning
<b>PSYC-2620(3)</b>	Psycholinguistics
<b>PSYC-2920(3)</b>	Drugs & Behaviour

Minimum of 6 credit hours to be selected from:

<b>BIOL-3602(3)</b>	Comparative Animal Physiology I (or the former BIOL-3601(6))
<b>BIOL-3603(3)</b>	Comparative Animal Physiology II (or the former BIOL-3601(6))
<b>BIOL-2111(6)</b>	Comparative Chordate Zoology

Minimum of 6 credit hours to be selected from:

<b>BIOL-3492(3)</b>	Quantitative and Theoretical Biology
<b>BIOL-3202(3)</b>	Histology
<b>BIOL-3303(3)</b>	Molecular Genetics and Genomics (or the former BIOL-4302(3))
<b>BIOL-4502(3)</b>	Molecular Cell Biology
<b>BIOL-4501(3)</b>	Developmental Biology

Six(6) credit hours to be selected from:

<b>PSYC-4040(6)</b>	Honours Thesis in a Natural Science area of Psychology approved by Biopsychology faculty members
<b>OR</b>	
<b>BIOL-4111(6)</b>	Biology Honours Thesis

Minimum of 3 credit hours at the 3000 level from Natural science Courses in Psychology (**PSYC-36xx,PSYC-38xx OR PSYC-39xx**).

Minimum of 12 credit hours total from Natural Science Courses in Psychology (**PSYC-46xx,PSYC-48xx or PSYC-49xx**), Advanced Reading and Research in a Natural Science area of Psychology at the 4000 level approved by Biopsychology faculty members (**PSYC-4010(3), PSYC-4020(3)**), and/or Biology at the 4000 level (**BIOL-4xxx**), with a minimum of 6 credit hours from each department.



# BUSINESS AND ADMINISTRATION (BUS)

**Note: Business and Administration is the new name of the former Administrative Studies program. The department/program code BUS for Business and Administration replaces the former code 81. Students cannot hold credit in BUS-xxxx or AS-xxxx and the former 81.xxxx having the same course number (e.g., BUS-1201(3) or AS-1201(3) and 81.1201(3)).**

**Chair: Karen Harlos;** Associate Professors: D. Sharma, S. Singh; Assistant Professors: J. Chen, I. Kyei-Poku, M. Liu; Instructors: A. Davis, J. Melnyk, G. O'Farrell.

<http://busandadmin.uwinnipeg.ca>

## DEGREES/PROGRAMS OFFERED

3- Year BBA (Business Administration Stream)

4- Year BBA (Business Administration Stream)

3-Year BBA (Administrative Studies Stream)

4-Year BBA (Administrative Studies Stream)

Joint Program

## INTRODUCTION

The Business and Administration major is intended for students who wish to pursue a career in business, or in the public or non-profit sectors. As well as our department's courses, a Business and Administration major may include relevant courses selected from the Departments of Applied Computer Science, Rhetoric, Writing, and Communications, Conflict Resolution Studies, Economics, Geography, Kinesiology and Applied Health, Mathematics, Politics, Psychology, Sociology, and Statistics.

The Business and Administration major emphasizes case-method learning in which students consider and discuss actual business challenges as documented in case studies, from the assumed perspective of the actual decision maker. In case-method courses, grading includes an assessment of students' participation in these discussions.

The Business and Administration major has two streams: Business Administration and Administrative Studies. The Business Administration stream leads to either a 3-Year or 4-Year Bachelor of Business Administration degree. This stream has a strong business focus as it prepares graduates to work in the business environment, or to pursue an MBA, and/or graduate studies in Business Administration.

The Administrative Studies Stream also leads to either a 3-Year or 4-Year Bachelor of Business Administration degree. This stream is more interdepartmental in nature and leads to a variety of career opportunities.

An additional option available is the combination of a University of Winnipeg 3-Year or 4-Year BBA degree with a Diploma in Business Administration from Red River College through a cooperative agreement for a program of study.

## REQUIREMENTS FOR A 3-YEAR BBA (BUSINESS ADMINISTRATION STREAM)

**ADMISSION REQUIREMENT** Students should consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum of 36 credit hours in Business and Administration offerings.

Required courses: 9 credit hours of Introductory courses  
15 credit hours of Fundamental courses  
Minimum 9 credit hours of Additional Business and Administration courses  
Minimum 3 credit hours of Cognate courses

**Note:** No more than 15 credit hours of 1000-level courses may be counted toward the 36 credit hours minimum of courses selected from the Business and Administration listings to meet the Major requirements.

Cognates: Cognate courses are those that are outside of Business and Administration (i.e., non-BUS-xxxx courses).

Double Major: Normally minimum 36 credit hours in Business and Administration and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. For the Business and Administration component 18 credit hours are required:  
**BUS-1201(3)** Introduction to Business I  
**BUS-1202(3)\*** Introduction to Business II (or the former 81.1101(6))  
**BUS-2002(3)** Fundamentals of Financial Accounting  
or  
**BUS-2010(3)** Fundamentals of Financial Management and Administration  
**BUS-2210(3)\*** Fundamentals of Marketing  
**BUS-2440(3)\*** Fundamentals of Human Resource Management  
or  
**BUS-2103(3)\*** Fundamentals of Organizational Behaviour  
**BUS-2501(3)\*** Fundamentals of Production and Operational Management  
Students are strongly encouraged to take POL-2320, Business Government Relations in Canada.

### COURSE LISTINGS - 3-YEAR BBA (BUSINESS ADMINISTRATION STREAM)

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

#### INTRODUCTORY COURSES (9 credit hours)

BUS-1201(3) Introduction to Business I  
BUS-1202(3)\* Introduction to Business II  
POL-2320(3) Business Government Relations in Canada

Marketing  
BUS-3230(3)\* Advertising  
BUS-3240(3)\* Consumer Behaviour  
BUS-3271(3)\* Marketing Research  
BUS-4540(3)\* International Marketing  
BUS-4940(3)\* Emerging Markets and Business Practices

#### FUNDAMENTAL COURSES (15 credit hours)

Choice of:

BUS-2002(3) Fundamentals of Financial Accounting  
or  
BUS-2010(3) Fundamentals of Financial Management and Administration

Prescribed:

BUS-2210(3)\* Fundamentals of Marketing  
BUS-2440(3)\* Fundamentals of Human Resource Management  
BUS-2103(3)\* Fundamentals of Organizational Behaviour  
BUS-2501(3)\* Fundamentals of Production and Operational Management

Business and Administration - Other  
BUS-3110(3)\* Ethics in Management  
BUS-3135(6) The Hudson's Bay Company and the Modern Department Store  
BUS-3250(3)\* Not-for-profit Management  
BUS-3260(3)\* Retail Management  
BUS-3600(3)\* Public Sector Financial Management  
BUS-3660(3)\* Commercial Law  
BUS-3755(3)\* Entrepreneurship & Small Business Management  
BUS-3990(3)\* Directed Readings in Business and Administration  
BUS-4111(3)\* Business Competition

#### ADDITIONAL BUSINESS AND ADMINISTRATION COURSES (MIN 9 CREDIT HOURS)

Accounting  
BUS-2003(3)\* Managerial Accounting  
BUS-2319(6)\* Corporate Finance  
BUS-3003(3)\* Cost Accounting  
BUS-3102(3)\* Intermediate Accounting - Assets  
BUS-3103(3)\* Intermediate Accounting - Equities  
BUS-3120(3)\* Canadian Taxation  
BUS-3160(3)\* Fraud Examination  
BUS-3319(3)\* Advanced Corporate Finance  
BUS-3550(3)\* Auditing  
BUS-4002(3)\* Advanced Financial Accounting  
BUS-4005(3)\* Accounting Theory & Contemporary Issues  
BUS-4050(3)\* Advanced Management Accounting

#### Human Resources

BUS-3440(3)\* Contemporary Human Resource Issues

#### ADVANCED INTEGRATIVE COURSES

BUS-4220(3)\* International Business  
BUS-4750(3)\* Business Plan  
BUS-4901(3)\* Business Strategy

#### ADDITIONAL COGNATE COURSES (MIN 3 CREDIT HOURS)

##### Recommended

ECON-1102(3) Introduction to Economics: Micro  
ECON-1103(3) Introduction to Economics: Macro  
POL-2300(6) Public Administration  
POL-2305(3) Public Administration: Micro  
POL-2310(3) Public Administration: Macro  
STAT-1201(6) Introduction to Statistical Analysis  
ACS-1803(3) Introduction to Computer-Based Systems  
ACS-2913(3)\* Software Requirements Analysis and Design  
ACS-2916(3)\* Business Application Systems

For more option courses see Administration Stream course listing.

## REQUIREMENTS FOR A 4-YEAR BBA (BUSINESS ADMINISTRATION STREAM)

<b>ADMISSION REQUIREMENT</b>	Minimum 30 credit hours completed previously. Students must consult with an Advisor from Business and Administration in planning their programs.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum of 66 credit hours in Business and Administration courses. 18 credit hours of Introductory courses 15 credit hours of Fundamental courses Minimum 24 credit hours total Additional Business and Administration courses including A minimum of 3 credit hours of Integrative courses Minimum of 9 credit hours of Additional Cognate courses outside of Business and Administration  <b>Note:</b> No more than 21 credit hours of 1000-level courses may be counted toward the 66 credit hours minimum of courses selected from the Business and Administration listings to meet the Major requirements.
Cognates:	Cognate courses are those that are outside of Business and Administration (i.e., non-BUS-xxxx courses). A minimum of 21 credit hours must be cognate courses. Of these, 12 credit hours are specified in the Introductory course section, and a further 9 credit hours are to be taken from the Additional Cognate course section.
Major and Cognate Courses:	Together, Major and Cognate courses must add up to a minimum of 66 credit hours.
Maximum Required Courses:	Maximum total of Cognate and Major courses is 84 credit hours combined.
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.
Double Major:	Normally minimum 48 credit hours in Business and Administration and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors. The required courses are: <b>BUS-1201(3)</b> Introduction to Business I <b>BUS-1202(3)*</b> Introduction to Business II (or the former 81.1101(6)) <b>BUS-2002(3)</b> Fundamentals of Financial Accounting or <b>BUS-2010(3)</b> Fundamentals of Financial Management and Administration <b>BUS-2210(3)*</b> Fundamentals of Marketing <b>BUS-2440(3)*</b> Fundamentals of Human Resource Management <b>BUS-2103(3)*</b> Fundamentals of Organizational Behaviour <b>BUS-2501(3)*</b> Fundamentals of Production and Operational Management <b>POL-2320(3)</b> Business Government Relations in Canada

## COURSE LISTINGS - 4-YEAR BBA (BUSINESS ADMINISTRATION STREAM)

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

<b>INTRODUCTORY COURSES (18 credit hours)</b>		ECON-1103(3)	Introduction to Economics: Macro
BUS-1201(3)	Introduction to Business I	POL-2320(3)	Business Government Relations in Canada
BUS-1202(3)*	Introduction to Business II		
ACS-1803(3)	Introduction to Computer-Based Systems		
ECON-1102(3)	Introduction to Economics: Micro		

**FUNDAMENTAL COURSES (15 credit hours)**

Choice of:

BUS-2002(3)	Fundamentals of Financial Accounting
	or
BUS-2010(3)	Fundamentals of Financial Management and Administration
	Prescribed:
BUS-2210(3)*	Fundamentals of Marketing
BUS-2440(3)*	Fundamentals of Human Resource Management
BUS-2103(3)*	Fundamentals of Organizational Behaviour
BUS-2501(3)*	Fundamentals of Production Operations Management

BUS-4940(3)\* Emerging Markets and Business Practices

BUS-3110(3)*	<u>Business and Administration - Other</u> Ethics in Management
BUS-3135(6)	The Hudson's Bay Company and the Modern Department Store
BUS-3250(3)*	Not-for-profit Management
BUS-3260(3)*	Retail Management
BUS-3600(3)*	Public Sector Financial Management
BUS-3660(3)*	Commercial Law
BUS-3755(3)*	Entrepreneurship & Small Business Management
BUS-3990(3)*	Directed Readings in Business and Administration
BUS-4111(3)*	Business Competition

**ADDITIONAL BUSINESS AND ADMINISTRATION COURSES (MINIMUM 24 CREDIT HOURS - INCLUDING A MINIMUM OF 3 CREDIT HOURS INTERGRATIVE)**

	<u>Accounting</u>
BUS-2003(3)*	Managerial Accounting
BUS-2319(6)*	Corporate Finance
BUS-3003(3)*	Cost Accounting
BUS-3102(3)*	Intermediate Accounting - Assets
BUS-3103(3)*	Intermediate Accounting - Equities
BUS-3120(3)*	Canadian Taxation
BUS-3160(3)*	Fraud Examination
BUS-3319(3)*	Advanced Corporate Finance
BUS-3550(3)*	Auditing
BUS-4002(3)*	Advanced Financial Accounting
BUS-4005(3)*	Accounting Theory & Contemporary Issues
BUS-4050(3)*	Advanced Management Accounting

	<u>Human Resources</u>
BUS-3440(3)*	Contemporary Human Resource Issues

	<u>Marketing</u>
BUS-3230(3)*	Advertising
BUS-3240(3)*	Consumer Behaviour
BUS-3271(3)*	Marketing Research
BUS-4540(3)*	International Marketing

BUS-4220(3)*	International Business
BUS-4750(3)*	Business Plan
BUS-4901(3)*	Business Strategy

**INTERGRATIVE COURSES (MINIMUM 3 CREDIT HOURS)****ADDITIONAL COGNATE COURSES (MINIMUM 9 CREDIT HOURS)****Recommended**

POL-2300(6)	Public Administration (formerly 41.2326(6) Introduction to Public Administration)
POL-2305(3)	Public Administration Micro
POL-2310(3)	Public Administration Macro
STAT-1201(6)	Introduction to Statistical Analysis
ACS-2913(3)*	Software Requirements Analysis and Design
ACS-2916(3)*	Business Application Systems

\* Courses with prerequisites

For more cognate courses see 4 Year Administrative Stream course listing.

**REQUIREMENTS FOR A 3-YEAR BBA (ADMINISTRATIVE STUDIES STREAM)**

<b>ADMISSION REQUIREMENT</b>	Students should consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum of 36 credit hours in Administrative Studies offerings.
Required courses:	Minimum 9 credit hours from Group I Minimum 6 credit hours from Group II Minimum 6 credit hours from Group III Minimum 15 credit hours of Options

Courses in Business and Administration have been organized into three groups, with additional option courses.

**Note:** No more than 12 credit hours of 1000-level courses may be counted toward the 36 credit hours minimum of courses selected from the Administrative Studies listings to meet the Major requirements.

Double Major: Normally minimum 36 credit hours in Administrative Studies and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. The required courses are:  
**BUS-1201(3)** Introduction to Business I  
**BUS-1202(3)\*** Introduction to Business II (or the former AS-1101(6))

## COURSE LISTINGS - 3-YEAR BBA (ADMINISTRATIVE STUDIES STREAM)

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

<b>GROUP I (9 CREDIT HOURS)</b>		BUS-4540(3)*	International Marketing
BUS-1201(3)	Introduction to Business I	BUS-4750(3)*	Business Plan
BUS-1202(3)*	Introduction to Business II	BUS-4901(3)*	Business Strategy
POL-2320(3)	Business Government Relations in Canada	BUS-4940(3)*	Emerging Markets and Business Practices
<b>GROUP II (6 CREDIT HOURS)</b>		<b>APPLIED COMPUTER SCIENCE (ACS)</b>	
BUS-2002(3)	Fundamentals of Financial Accounting	ACS-2914(3)*	Relational Database Application Development
BUS-2003(3)*	Managerial Accounting	ACS-2916(3)*	Business Application Systems
ECON-1102(3)	Introduction to Economics: Micro	ACS-3913(3)*	Advanced Systems Design
ECON-1103(3)	Introduction to Economics: Macro	ACS-3907(3)*	E-Commerce
STAT-1201(6)	Introduction to Statistical Analysis	ACS-3916(3)*	Graphical User Interfaces
ACS-1803(3)	Introduction to Computer-Based Systems	<b>CONFLICT RESOLUTION STUDIES (CRS)</b>	
ACS-2913(3)*	Software Requirements Analysis and Design	CRS-2211(1.5)*	Conciliation Skills Workshop
<b>GROUP III (6 CREDIT HOURS)</b>		CRS-2421(3)*	Legal Systems and Alternative Dispute Resolution
BUS-2210(3)*	Fundamentals of Marketing	CRS-2431(3)*	Negotiation Theory and Practice
BUS-2440(3)*	Fundamentals of Human Resource Management	CRS-2771(3)	Conflict within Groups
BUS-2103(3)*	Fundamentals of Organizational Behaviour OR	CRS-3221/1.5*	Mediation Skills Workshop
PSYC-2440(3)*	Organizational Psychology I	CRS-3240(3)	Workplace Conflict Resolution
PSYC-2450(3)*	Organizational Psychology II	CRS-3241(3)*	Advanced Studies in Mediation Practice
SOC-2104(3)*	Industrial Sociology	<b>ECONOMICS (ECON)</b>	
SOC-2204(3)*	Occupations and Professions	ECON-2301(3)*	Introduction to the Theory of Financial Systems
SOC-3120(3)*	Organizations and Bureaucracy	ECON-2302(3)*	Introduction to Monetary Economics and Banking
SOC-3204(3)*	Economic Sociology	ECON-2303(3)*	Labour Economics
<b>OPTION COURSES</b>		ECON-2304(3)*	Income Distribution and Industrial Relations
<b>BUSINESS AND ADMINISTRATION( BUS)</b>		ECON-2319(6)*	Corporate Finance
BUS-2010(3)	Fundamentals of Financial Management and Administration	ECON-3301(3)*	International Trade
BUS/ECON-2319(6)*	Corporate Finance	ECON-3302(3)*	International Finance
BUS-2501(3)*	Fundamentals of Production and Operational Management	ECON-3303(3)*	Economics of Public Expenditures
BUS-3003(3)*	Cost Accounting	ECON-3304(3)*	Economics of Taxation
BUS-3102(3)*	Intermediate Accounting - Assets	ECON-3307(3)*	Industrial Organization
BUS-3103(3)*	Intermediate Accounting - Equities	ECON-3308(3)*	Regulation and Competition Policy
BUS-3110(3)*	Ethics in Management	ECON-3316(3)*	Cost-Benefit Analysis
BUS-3120(3)*	Canadian Taxation	<b>ENVIRONMENTAL STUDIES (ENV)</b>	
BUS-3135(6)	The Hudson's Bay Company and the Modern Department Store	ENV-2606(3)*	Business and the Environment
BUS-3160(3)*	Fraud Examination	<b>GEOGRAPHY (GEOG)</b>	
BUS-3230(3)*	Advertising	GEOG-2410(3)	Selling Places: Geography of Marketing Tourism
BUS-3240(3)*	Consumer Behaviour	<b>KINESIOLOGY AND APPLIED HEALTH (KIN)</b>	
BUS-3250(3)*	Not-for-profit Management	KIN-2100(3)	Leadership in Sport: Emerging Perspectives
BUS-3260(3)*	Retail Management	KIN-2101(3)	Program Planning in Sport and Recreation
BUS-3271(3)*	Marketing Research	<b>MATHEMATICS (MATH)</b>	
BUS-3319(3)*	Advanced Corporate Finance	MATH-1101(6)	Introduction to Calculus
BUS-3440(3)*	Contemporary Human Resource Issues	MATH-1102(3)	Calculus Basic (Terminal)
BUS-3600(3)*	Public Sector Financial Management	MATH-1201(3)	Linear Algebra I
BUS-3660(3)*	Introduction to Commercial Law	MATH-2701(3)*	Linear Optimization
BUS-3755(3)*	Entrepreneurship & Small Business Management	<b>POLITICS (POL)</b>	
BUS-3990(3)*	Directed Readings in Business and Administration	POL-2100(3)	Global Politics
BUS-4005(3)*	Accounting Theory & Contemporary Issues	POL-2300(6)	Introduction to Public Administration
BUS-4050(3)*	Advanced Management Accounting	POL-2305(3)	Public Administration Micro
BUS-4111(3)*	Business Competition	POL-2310(3)	Public Administration Macro
BUS-4220(3)*	International Business		

POL-3110(3) International Organizations  
 POL-3300(3)\* Public Policy Process  
 POL-3310(3)\* Health Care and Environmental Policy  
 POL-3515(3) Politics of the Labour Movement  
 POL-4301(6)\* Administrative Theory

**PSYCHOLOGY (PSYC)**

PSYC-2400(3)\* Social Psychology I  
 PSYC-2410(3)\* Social Psychology II  
 PSYC-3450(3)\* Organizational Leadership and Decision Making  
 PSYC-3480(3)\* Interpersonal Communication  
 PSYC-3720(3)\* Behaviour Modification  
 PSYC-4450(3)\* Advanced Organizational Psychology

**RHETORIC, WRITING, AND COMMUNICATIONS (RHET)**

RHET-3340(3) Strategies for Technical and Professional Communication

**SOCIOLOGY (SOC)**  
 SOC-2109(3)\* Social Policy and Social Welfare  
 SOC-2119(6)\* Sociology of Law  
 SOC-2501(3)\* Technology and Society  
 SOC-3110(6)\* Community Development  
 SOC-3301(3)\* Family and Work: Current Issues

**STATISTICS (STAT)**

STAT-2102(3)\* Business and Management Statistics  
 STAT-2501(3)\* Statistical Quality Control  
 STAT-2903(3)\* Introduction to Statistical Computing  
 STAT/MATH-3412(3) Introduction to Operations Research

**THEATRE AND FILM (THFM)**

THFM-3807(3) Theatrical Production Operations and Management

\* Courses with prerequisites

**REQUIREMENTS FOR A 4-YEAR BBA (ADMINISTRATIVE STUDIES STREAM)**

<b>ADMISSION REQUIREMENT</b>	Minimum 30 credit hours completed previously. Students must consult with an Advisor from Administrative Studies in planning their programs.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum of 66 credit hours in Administrative Studies offerings. Minimum 9 credit hours from Group I Minimum 12 credit hours from Group II Minimum 9 credit hours from Group III Minimum 3 credit hours from Group IV Minimum 18 credit hours of Options from inside Business and Administration (BUS-xxxx) Minimum 15 credit hours of Options from outside Business and Administration
	Courses in Business and Administration have been organized into four groups, with additional option courses.
	<b>Note:</b> No more than 18 credit hours of 1000-level courses may be counted toward the 66 credit hours minimum of courses selected from the Business and Administration listings to meet the Major requirements.
Cognates:	Cognate courses are those that are included in Group I, II, III, and Options, but that are outside of business and Administration (i.e., non-BUS-xxxx courses). A minimum of 27 credit hours must be non-BUS-xxxx courses that are listed in Group I, II, III, and Options.
Major and Cognate Courses:	Together, Major and Cognate courses must add up to a minimum of 66 credit hours.
Maximum Required Courses:	Maximum total of Cognate and Major courses is 84 credit hours combined.
Double Major:	Normally minimum 48 credit hours in Business and Administration and specified number of credit hours in other Major; may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject. The required courses are:

<b>BUS-1201(3)</b>	Introduction to Business I
<b>BUS-1202(3)*</b>	Introduction to Business II (or the former 81.1101(6))
<b>BUS-2002(3)</b>	Fundamentals of Financial Accounting <u>or</u>
<b>BUS-2010(3)</b>	Fundamentals of Financial Management and Administration
<b>BUS-2210(3)*</b>	Fundamentals of Marketing
<b>BUS-2440(3)*</b>	Fundamentals of Human Resource Management
<b>BUS-2103(3)*</b>	Fundamentals of Organizational Behaviour
<b>BUS-2501(3)*</b>	Fundamentals of Production and Operational Management
<b>POL-2320(3)</b>	Business Government Relations in Canada

## COURSE LISTINGS - 4-YEAR BBA (ADMINISTRATIVE STUDIES STREAM)

<b>GROUP I - (9 CREDIT HOURS)</b>	
BUS-1101(6)	Introduction to Business
<b>or</b>	
BUS-1201(3)	Introduction to Business I
<b>and</b>	
BUS-1202(3)*	Introduction to Business II
POL-2320(3)	Business Government Relations in Canada

<b>GROUP II - (12 CREDIT HOURS) REQUIRED</b>	
ECON-1102(3)	Introduction to Economics: Micro
ECON-1103(3)	Introduction to Economics: Macro

<b>OPTION COURSES</b>	
BUS-2002(3)	Fundamentals of Financial Accounting
BUS-2003(3)*	Managerial Accounting
STAT-1201(6)	Introduction to Statistical Analysis
ACS-1453(3)	Introduction to Computers
ACS-1803(3)	Introduction to Computer-Based Systems
ACS-2913(3)*	Software Requirements Analysis and Design

**Note:** Student who feel they are not computer-literate should take **ACS-1453(3)** Introduction to Computers.

<b>GROUP III - (9 CREDIT HOURS)</b>	
BUS-2210(3)*	Fundamentals of Marketing
BUS-2440(3)*	Fundamentals of Human Resource Management
BUS-2103(3)*	Fundamentals of Organizational Behaviour
<b>or</b>	
PSYC-2440(3)*	Organizational Psychology I
PSYC-2450(3)*	Organizational Psychology II
SOC-2104(3)*	Industrial Sociology
SOC-2204(3)*	Occupations and Professions
SOC-3120(3)*	Organizations and Bureaucracy
SOC-3204(3)*	Economic Sociology

<b>GROUP IV - (3 CREDIT HOURS)</b>	
BUS-4220(3)*	International Business
BUS-4750(3)*	Business Plan
BUS-4901(3)*	Business Strategy

<b>OPTION COURSES</b>	
<b>BUSINESS AND ADMINISTRATION- (18 credit hours)</b>	
BUS-2010(3)	Fundamentals of Financial Management and Administration
BUS/ECON-2319(6)*	Corporate Finance
BUS-2501(3)*	Fundamentals of Production and Operational Management
BUS-3003(3)*	Cost Accounting
BUS-3102(3)*	Intermediate Accounting - Assets
BUS-3103(3)*	Intermediate Accounting - Equities
BUS-3110(3)*	Ethics in Management
BUS-3120(3)*	Canadian Taxation
BUS-3135(6)	The Hudson's Bay Company and the Modern Department Store
BUS-3160(3)*	Fraud Examination
BUS-3230(3)*	Advertising

BUS-3240(3)*	Consumer Behaviour
BUS-3250(3)*	Not-for-profit Management
BUS-3260(3)*	Retail Management
BUS-3271(3)*	Marketing Research
BUS-3319(3)*	Advanced Corporate Finance
BUS-3440(3)*	Contemporary Human Resource Issues
BUS-3600(3)*	Public Sector Financial Management
BUS-3660(3)*	Introduction to Commercial Law
BUS-3755(3)*	Entrepreneurship & Small Business Management
BUS-3990(3)*	Directed Readings in Business and Administration
BUS-4005(3)*	Accounting Theory & Contemporary Issues
BUS-4050(3)*	Advanced Management Accounting
BUS-4111(3)*	Business Competition
BUS-4540(3)*	International Marketing
BUS-4940(3)*	Emerging Markets and Business Practices

### OPTION COURSES Non-Administrative Studies - (15 credit hours)

<b>APPLIED COMPUTER SCIENCE (ACS)</b>	
ACS-2914(3)*	Relational Database Application Development
ACS-2916(3)*	Business Application Systems
ACS-3907(3)*	E Commerce
ACS-3913(3)*	Advanced Systems Design
ACS-3916(3)*	Graphical User Interfaces

<b>CONFLICT RESOLUTION STUDIES (CRS)</b>	
CRS-2211(1.5)*	Conciliation Skills Workshop
CRS-2271(3)	Conflict within Groups
CRS-2421(3)*	Legal Systems and Alternative Dispute Resolution
CRS-2431(3)*	Negotiation Theory and Practice
CRS-3221/1.5*	Mediation Skills Workshop
CRS-3240(3)	Workplace Conflict Resolution
CRS-3241(3)*	Advanced Studies in Mediation Practice

<b>ECONOMICS (ECON)</b>	
ECON-2301(3)*	Introduction to the Theory of Financial Systems
ECON-2302(3)*	Introduction to Monetary Economics and Banking
ECON-2303(3)*	Labour Economics
ECON-2304(3)*	Income Distribution and Industrial Relations
ECON-2319(6)*	Corporate Finance
ECON-3301(3)*	International Trade
ECON-3302(3)*	International Finance
ECON-3303(3)*	Economics of Public Expenditures
ECON-3304(3)*	Economics of Taxation
ECON-3307(3)*	Industrial Organization
ECON-3308(3)*	Regulation and Competition Policy
ECON-3316(3)*	Cost-Benefit Analysis

<b>ENVIRONMENTAL STUDIES (ENV)</b>	
ENV-2606(3)*	Business and the Environment

<b>GEOGRAPHY (GEOG)</b>	
GEOG-2410(3)	Selling Places: Geography of Marketing Tourism

<b>KINESIOLOGY AND APPLIED HEALTH (KIN)</b>	
KIN-2100(3)	Leadership in Sport: Emerging Perspectives
KIN-2101(3)	Program Planning in Sport and Recreation

	<b>MATHEMATICS (MATH)</b>		<b>RHETORIC, WRITING, AND COMMUNICATIONS (RHET)</b>
MATH-1101(6)	Introduction to Calculus		RHET-3340(3) Strategies for Technical and Professional Communication
MATH-1102(3)	Calculus Basic (Terminal)		
MATH-1201(3)	Linear Algebra I		
MATH-2701(3)*	Linear Optimization		
	<b>POLITICS (POL)</b>		<b>SOCIOLOGY (SOC)</b>
POL-2100(6)	Global Politics	SOC-2109(3)*	Social Policy and Social Welfare
POL-2300(6)	Public Administration	SOC-2119(6)*	Sociology of Law
POL-2305(3)	Public Administration Micro	SOC-2501(3)*	Technology and Society
POL-2310(3)	Public Administration Macro	SOC-3110(6)*	Community Development
POL-3110(3)	International Organizations	SOC-3301(3)*	Family and Work: Current Issues
POL-3300(3)*	Public Policy Process		<b>STATISTICS (STAT)</b>
POL-3310(3)*	Health Care and Environmental Policy	STAT-2102(3)*	Business and Management Statistics
POL-3515(3)	Politics of the Labour Movement	STAT-2501(3)*	Statistical Quality Control
POL-4301(6)*	Administrative Theory	STAT-2903(3)*	Introduction to Statistical Computing
	<b>PSYCHOLOGY (PSYC)</b>	STAT/MATH-3412(3)	Introduction to Operations Research
PSYC-2400(3)*	Social Psychology I		<b>THEATRE AND FILM (THFM)</b>
PSYC-2410(3)*	Social Psychology II	THFM-3807(3)	Theatrical Production Operations and Management
PSYC-3450(3)*	Organizational Leadership and Decision Making		
PSYC-3480(3)*	Interpersonal Communication		
PSYC-3720(3)*	Behaviour Modification		
PSYC-4450(3)*	Advanced Organizational Psychology		

\* Courses with prerequisites

## REQUIREMENTS FOR THE JOINT UNIVERSITY OF WINNIPEG/RED RIVER COLLEGE PROGRAM

In addition to the Major program, the University of Winnipeg and Red River College (RRC) have a cooperative agreement for a program of studies designed to afford students the opportunity to obtain both a degree (Bachelor of Business Administration) and a diploma (Business Administration Diploma) in less time than it would normally take to obtain the two qualifications, by allowing credit for work completed at the alternate institution. There are two options available.

Option A:

**3-year BBA:** Students can receive up to 30 hours of transfer credits from RRC towards a three-year BBA and must complete 60 credit hours at University of Winnipeg with a minimum of 27 additional credit hours in Business and Administration.

**4-year BBA:** Students can receive up to 45 hours of transfer credits from RRC towards a four-year BBA and must complete 75 credit hours at University of Winnipeg with a minimum of 42 additional credit hours in Business and Administration.

Notes:

\*High School Requirement: Pre-Calculus Mathematics 40S or Applied Mathematics 40S. Students with Consumer Math must complete additional Math course in first-year of program.

\* RHET-1105(3) required if grade less than 80% in English 40S (2 credits).

\*Maximum of 18 additional credit hours at 1000 level in 4-year BBA Stream.

\*Maximum of 24 additional credit hours at 1000 level in 3-year BBA Stream.

\*Effective for graduates of RRC from 2005/06.

For complete details on transfer credits and requirements go to:

<http://www.uwinnipeg.ca/index/fac-bus-ec-areas-study>

Option B:

For University of Winnipeg BBA graduates to obtain the RRC Diploma, they must complete 50 to 75 credit hours at RRC to meet normal program requirements. The number of credit hours required will be dependent on the specific courses completed at the University of Winnipeg. Students interested in Option B are urged to consult with the Head of the Business Administration Program at RRC.

### GENERAL INFORMATION

#### Prerequisites

Courses with prerequisites are marked with an asterisk in the Administrative Studies course listing.

#### Course Selection

Students are advised to confirm Departmental offerings before planning their curriculum as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

Students must meet Departmental prerequisites unless these are waived by the Chair of the Department concerned.

Students are encouraged to pursue courses in several discipline areas.

Students are advised to consult with the Chair or Faculty Advisor to ensure that they are correctly meeting departmental requirements.



## COURSE DESCRIPTIONS

**BUS-1201(3) INTRODUCTION TO BUSINESS I (Le3)** This course introduces fundamental concepts related to current business trends, business ownership, entrepreneurship and general managements. Emphasis is placed on relating course material to current events in the business world. Course delivery is primarily by lecture, complemented by videos and guest speakers, and is supported by a website.

**RESTRICTIONS:** Students may not receive credit for both this course and the former BUS-1101(6).

**BUS-1202(3) INTRODUCTION TO BUSINESS II (Le3)** This course introduces basic terminology, concepts, theories and some qualitative and quantitative analytic techniques of the most important functional areas in business such as marketing, production, human resource management, accounting, and financial management. Emphasis is placed on relating course material to current events in the business world. Course delivery is primarily by lecture, complemented by videos and guest speakers, and is supported by a website.

**PREREQUISITES:** BUS-1201(3) with a minimum grade of C.

**RESTRICTIONS:** Students may not receive credit for both this course and the former BUS-1101(6).

### **BUS-2002(3) FUNDAMENTALS OF FINANCIAL**

**ACCOUNTING (Le3)** An introduction to the accounting postulates used in preparing and presenting financial statements and a brief study of the role of accounting in the creation and application of business information.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**BUS-2003(3) MANAGERIAL ACCOUNTING (Le3)** This course is an introduction to the accounting methods used by managers for financial evaluation and decision-making. It deals primarily with the corporate management's point of view.

**PREREQUISITES:** BUS-2002(3) or the former MATH-2002(3) with a minimum grade of C+.

### **BUS-2010(3) FUNDAMENTALS OF FINANCIAL**

**MANAGEMENT AND ADMINISTRATION (Le3)** This course introduces students to basic financial terms, procedures and concepts that provide the foundation for organizational financial management. It also examines planning, budgeting, and control within an organization as well as the gathering, using, and reporting of the financial information resulting from an organization's activities.

**RESTRICTIONS:** Cannot be held in conjunction with BUS-2002(3) and BUS-2003(3), BUS-2319(6), ECON-2101(3) and ECON-2102(3), or ECON-2319(6).

### **BUS-2030(3) MANAGEMENT AND FINANCIAL ADMINISTRATION FOR COMMUNITY AND ABORIGINAL ORGANIZATIONS (Le3)**

As small-scale and not-for-profit structures, community-based and Aboriginal organizations often face unique challenges and political/cultural realities in terms of overall management and operations. This course provides students with a good understanding of the key facets of management and administrative structures within the community and Aboriginal sectors in particular. Key topics include organizational structures and management controls, financial statements and budgeting, performance measurements, strategic planning and operations analysis and evaluation.

**PREREQUISITES:** UIC-1001 OR AG-1015 OR Departmental approval.

**CROSS-LISTED:** UIC-2030, AG-2030.

### **BUS-2103(3) FUNDAMENTALS OF ORGANIZATIONAL BEHAVIOUR (Le3)**

This course is designed to introduce students to the theories and concepts of organizational behaviour. The principal topics examined include the bases of individual behaviour in groups and organizations; the structural and functional imperatives of formal organizations, and administration in formal organizations. This course is normally taught on a case-study basis.

**PREREQUISITES:** BUS-1202(3) or the former BUS-1101(6) with a grade of at least C.

**RESTRICTIONS:** Students may not receive credit for both this course and PSYC-2440(3) or the former PSYC-2101(6).

### **BUS-2210(3) FUNDAMENTALS OF MARKETING (Le3)**

This course surveys the marketing practices of organizations. It includes analysis of customer behaviour and markets, and methods of satisfying them. This course is normally taught on a case-study basis.

**PREREQUISITES:** BUS-1202(3) or the former BUS-1101(6) with a grade of at least C.

### **BUS-2319(6) CORPORATE FINANCE (Le3)**

This course presents an intensive study of economic theories and principles of financial management and relates them to the practices used by corporations in the procurement, management and disbursement of capital funds. Topics include methods of capital acquisition, valuation of capital and financial assets and management of working capital.

**PREREQUISITES:** ECON-1102(3) and ECON-1103(3) with a minimum grade of C or BUS-2002(3) with a minimum grade of C+.

**RESTRICTION:** Students may not hold credit for this course and the former ECON-3320(6) or BUS-3620(6).

**CROSS-LISTED:** Economics ECON-2319(6).

### **BUS-2440(3) FUNDAMENTALS OF HUMAN RESOURCE MANAGEMENT (Le3)**

This course introduces students to the theory and practice of managing an organization's human resources. Topics include job evaluation, employee selection, employment equity, compensation, appraisal, and benefits. It may also include topics such as human resource planning, industrial relations, and employment law.

**PREREQUISITES:** BUS-1202(3) or the former BUS-1101(6) with a grade of at least C.

### **BUS-2501(3) FUNDAMENTALS OF PRODUCTION AND OPERATIONAL MANAGEMENT (Le3)**

This course will introduce students to the major problems of production, operational management, and quality control. These include the design and layout of production systems, materials and production planning, and production scheduling and control.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**RESTRICTIONS:** Students may not receive credit in this course and the former BUS-3501(3).

**BUS-3003(3) COST ACCOUNTING (Le3)** This is an intermediate-level, case-based course in managerial accounting which concentrates on the topics in organizational planning, financial control, and cost specifications needed to determine income and cost requirements for policy and non-routine decision-making. It follows on from BUS-2003(3) (Managerial Accounting.)

**PREREQUISITES:** STAT-1201(3) and a minimum grade of C+ in BUS-2003(3).

**BUS-3102(3) INTERMEDIATE ACCOUNTING ASSETS (Le3)**

This is an intermediate-level course which follows AS-2002(3) (Financial Accounting). It concentrates on policies and practice related to the measurement and recording of an organization's assets and the asset side of an organization's balance sheet.

**PREREQUISITES:** BUS-2002(3) with a minimum grade of C+.

**BUS-3103(3) INTERMEDIATE ACCOUNTING EQUITIES (Le3)**

This is an intermediate-level course which follows AS-2002(3) (Financial Accounting). It concentrates on policies and practice related to the measurement and recording of shareholders equity, liabilities, and the equity side of an organization's balance sheet.

**PREREQUISITES:** BUS-2002(3) with a minimum grade of C+.

**BUS-3110(3) ETHICS IN MANAGEMENT (Le3)**

This case-based course considers the social and ethical responsibilities of management at both the individual and organizational levels. Issues considered include managers' obligations to their organizations and to individuals within those organizations, and organizations' responsibilities to a variety of stakeholders in the broad society.

**PREREQUISITES:** A minimum grade of C in one of BUS-2103(3) or PSYC-2440(3) or BUS-2440(3).

**BUS-3120(3) CANADIAN TAXATION (Le3)**

This course deals with the applications of federal and provincial income tax regulations and their impact on a corporation, business, and individual. Problems, issues and planning associated with the Income Tax Act are examined. The computation of taxable income and taxes payable by individuals, corporations, partnerships and trusts are also studied.

**PREREQUISITES:** A minimum grade of C+ in BUS-2003(3).

**BUS-3135(6) THE HUDSON'S BAY COMPANY AND THE MODERN DEPARTMENT STORE (Le3)**

In this lecture/seminar course, students will examine the history of modern retail business organizations, with special attention being given to the Hudson's Bay Company's urban retail stores. The extensive archives of the company will afford students an excellent opportunity to study major issues in accounting, personnel, management, and marketing. The external social and political context in which the stores operated will also be studied.

**CROSS-LISTED:** HIST-3135(6).

**BUS-3160(3) FRAUD EXAMINATION (Le3)**

This course provides an introduction into the world of business and occupation fraud. A variety of fraud schemes used by employees, owners, executives, and managers including asset misappropriation, cash schemes, accounting system schemes, and corruption are examined. This course also covers a variety of anti-fraud deterrence measures, controls and counter measures; and fraud examination procedures and techniques.

**PREREQUISITE:** BUS-2003(3) with a minimum grade of C+.

**BUS-3230(3) ADVERTISING (Le3)** This course will provide students with a thorough understanding of advertising/sales promotion principles and methods. Topics include the role of advertising agencies; the function and benefits of advertising and sales promotion for business and other institutions, including not-for-profits; and the economic, social, legal, and ethical responsibilities which attend mass communication with the public. The term project for this course, which will be done in groups, will develop and present a full-scale advertising campaign.

**PREREQUISITE:** BUS-2210(3) with a grade of C or better.

**BUS-3240(3) CONSUMER BEHAVIOUR (Le3)** This course is a case-based study of the buying behaviour of individuals and

organizations. It analyses the motivations, roles, and behaviour of consumers, and examines how they are affected by economic, social, and cultural influences within society. Students will also learn how marketers develop models of this consumer behaviour for business and administrative decision-making purposes.

**PREREQUISITE:** BUS-2210(3).

**BUS-3250(3) NOT-FOR-PROFIT MANAGEMENT (Le3)**

This course explores the distinctive management challenges inherent in a not-for-profit organization. Topics to be addressed include mission, governance, social marketing, volunteerism, fundraising, stakeholder services, and the impact of technology. Through case studies of actual not-for-profit organizations, students will develop a framework for analyzing contemporary issues in the not-for-profit sector and for making management decisions in a not-for-profit context.

**PREREQUISITES:** BUS-2210(3) or BUS-2103(3) or BUS-2440(3) or KIN-2100(3) with a grade of C or better.

**BUS-3260(3) RETAIL MANAGEMENT (Le3)**

This is a lecture and case-based course designed to introduce students to the concept of retail management. This course enables students to practice the variables of the retail mix in order to develop appropriate retail strategies. Further, this course emphasises on the management of merchandise resources, human resources and financial resources, and examines trading area analysis, location/site decisions, store operations, and retail information systems.

**PREREQUISITES:** A minimum grade of C in BUS-2210(3).

**BUS-3271(3) MARKETING RESEARCH (Le3)**

This course is intended to introduce students to marketing research, which involves the acquisition and analysis of data for use as a decision-making tool in organizations. Various marketing research methods will be discussed, including qualitative methods such as focus groups and in-depth interviews, as well as quantitative methods such as survey research and conjoint analysis. Through use of the case method, students will use simulated research data to practice decision-making in non-profit organizations and business enterprises.

**PREREQUISITE:** BUS-2210(3).

**BUS-3319(3) ADVANCED CORPORATE FINANCE (Le3)**

This advanced course will add to the technical skill and conceptual understanding of accounting and corporate finance developed in previous courses. This advanced finance course provides an in-depth study of issues and tools that financial managers use in making decisions. This course will include capital budgeting under uncertainty; advanced cash flow analysis; long term sources of funds; capital structure; dividend policy; special financing and investment decisions; timing decisions; futures, forwards, options and swaps; treasury risk management; and, financial planning.

**PREREQUISITE:** A minimum of C+ in either BUS-2319(6) or ECON-2319(6).

**BUS-3440(3) CONTEMPORARY HUMAN RESOURCE ISSUES (S3)**

This seminar course uses case studies to allow students to discuss contemporary issues surrounding the Human Resource Management field. Students will explore practical solutions to resource management issues within organizations. Possible topics for discussion include increasing cultural diversity in the workplace, appropriate recruitment and screening processes, a study of behavioural interview techniques, team building techniques, motivation of employees, deselection methodologies, restructuring/right sizing organizations, and personal accountability of managers in corporations and the

**BUS-3550(3) AUDITING (Le3)** This course familiarizes students with basic concepts and theories, the auditor decision making process, the legal environment of auditing in Canada, the nature and sources of audit evidence and the internal control process. This course uses a combination of lectures/discussion, presentations and case studies.

**PREREQUISITES:** BUS-3102(3) and BUS-3103(3) with a C+ average.

**BUS-3600(3) PUBLIC SECTOR FINANCIAL MANAGEMENT (Le3)**

This course offers an overview of governmental units for accountants. The course deals with financial management concepts, methods, and standards in use in the public sector generally, and in the Canadian public sector more specifically. The focus is on the federal and provincial governments, although international issues are also covered. After completing the course, students will be familiar with planning, control, and reporting in government. They will be able to prepare, review, and analyze government annual reports and budget documents; critically analyze public-sector performance information; review, evaluate, and/or recommend cost management and control practices in public-sector enterprises; and identify and manage risk.

**PREREQUISITES:** A minimum grade of C+ in BUS-2003(3), BUS-3103(3), and BUS-3550(3).

**BUS-3660(3) INTRODUCTION TO COMMERCIAL LAW (Le3)**

This course provides an introduction to the legal environment of Canadian business, the environment in which Canadian businesses operate. Background material is provided on the Canadian constitution, courts, and legislative system. A second part discusses the most common forms of business organization in Canada: sole proprietorships, partnerships, cooperatives, and corporations. Further sections provide an introduction to the law of torts, and the law of contract. Students who do well in this course may customarily apply it toward the professional accreditation programs of the accounting associations.

**PREREQUISITES:** BUS-1202(3) or the former BUS-1101(6) with a grade of at least C, plus six additional hours in Business and Administration.

**BUS-3755(3) ENTREPRENEURSHIP & SMALL BUSINESS MANAGEMENT (Le3)**

This course considers the nature of entrepreneurship and the distinctive financing, marketing, operational, management and personal challenges of starting and managing a small business. Course methodology is a combination of lecture/discussions, case studies, and visits with members of the Winnipeg business community. Requirements include a feasibility study for an entrepreneurial venture of the student's own choosing.

**PREREQUISITES:** A minimum average of C in either BUS-2002(3) or BUS-2010, BUS-2103(3) or PSYC-2440(3), BUS-2210(3), BUS-2440(3) and BUS-2501(3).

**RESTRICTIONS:** May not be taken for credit with the former AS-4750(3).

**BUS-3990(3) DIRECTED READINGS IN BUSINESS AND ADMINISTRATION (NT)**

This is a reading course open to students in their third and fourth years which involves independent and specialized study in an advanced area of Business and Administration. The topic and course work requirements will be determined by mutual agreement of the student and instructor. A research paper will normally be required.

**PREREQUISITES:** Permission of the instructor and Chair of Business and Administration.

**RESTRICTIONS:** May not be taken for credit more than twice.

**BUS-4002(3) ADVANCED FINANCIAL ACCOUNTING (Le3)**

This course familiarizes students with current advanced accounting concepts and theories. The major focus will be the fundamentals and advanced topics related to corporate consolidations. In addition the course examines the complex accounting and up coming issues involved in both foreign subsidiaries and foreign currency translation. The course uses a combination of lectures/discussions, presentations and case studies.

**PREREQUISITES:** BUS-3102(3) and BUS-3103(3) with a C+ average.

**BUS-4005(3) ACCOUNTING THEORY & CONTEMPORARY ISSUES (Le3)**

This course studies current issues and problems in the field of financial accounting. Topics covered include the contributions of economics, finance, and other disciplines to accounting theory; the practical and theoretical problems of the present value model; foreign exchange accounting; hedging; the process and issues of standard setting; agency theory; and other topics related to specific industries or sectors of the economy.

**PREREQUISITES:** A minimum grade of C+ in BUS-3103(3) and either BUS-2319(6) or ECON-2319(6).

**BUS-4050(3) ADVANCED MANAGEMENT ACCOUNTING (Le3)**

This course equips students with a conceptual understanding of the role of management accounting information. Students learn to perform analyses to support managerial decisions, design and implement effective management control systems, and develop an awareness of the moral responsibilities of management accountants. Topics include management accounting and management decisions; relevant information and complications in short-run decisions; capital budgeting; contemporary approaches to product costing; activity-based management; agency theory; responsibility accounting and transfer pricing; and ethical considerations. Computer spreadsheets are used to illustrate concepts and provide practical, hands-on experience.

**PREREQUISITES:** A minimum grade of C in BUS-3003(3).

**BUS-4111(3) BUSINESS COMPETITION (Le3)**

Competition is fundamental to a market economy and an integral element of the business world. This course involves participation in an intercollegiate competition based on some aspect of business. Performance and relative ranking in that competition is a significant factor in performance evaluation. Admission to the course is by competitive selection procedure.

**PREREQUISITES:** Completion of 45 credit hours with a B average.  
**ADDITIONAL REQUIREMENTS:** Permission of the instructor.

**BUS-4220(3) INTERNATIONAL BUSINESS (Le3)**

This course examines both theory and application of business in an international context. It offers research insights from around the globe and shows how corporate practices are adjusted to respond to the realities of the international marketplace. This course includes social, environmental, ethical and economic aspects of international businesses, and discusses the interaction between government and business. This course is designed to challenge students in their critical thinking as well as in their ability to manage risks associated with international business in foreign domain.

**PREREQUISITES:** A minimum average of C in either BUS-2002(3) or BUS-2010, BUS-2103(3) or PSYC-2440(3), BUS-2210(3), BUS-2440(3) and BUS-2501(3).

**BUS-4540(3) INTERNATIONAL MARKETING (Le3)**

This theory and research-based course provides students with an understanding of concepts associated with international marketing and builds on the existing knowledge of marketing and consumer behaviour. Topics include the role of international

marketing in promoting consumer and industrial products in both developed and emerging markets. The group term-project for this course is based on research that recommends appropriate international marketing strategies for a given country.

**PREREQUISITES:** A minimum grade of C in BUS-3240(3).

**BUS-4750(3) BUSINESS PLAN (Le3)** The focus of this course is development of a business plan for an entrepreneurial venture. This project can be undertaken by either an individual or a group. Expectations include submitting the business plan to a business plan competition and/or presenting it to potential sources of funding for the venture.

**PREREQUISITES:** BUS-3755(3).

**ADDITIONAL REQUIREMENTS:** Permission of the Instructor.

**RESTRICTIONS:** May not be held for credit with the former AS-4750(3).

**BUS-4901(3) BUSINESS STRATEGY (Le3)** This case-based course takes the perspective of the general manager with responsibility for the overall organization, rather than that of a functional specialist. Topics include the nature of strategy and

its function for an organization; the characteristics of effective strategy; and how strategy forms and evolves in relation to an organization's environment, competition, capabilities, and the values and ambitions of its leadership. This course is intended for students in their final year of study as a capstone to the Administrative Studies degree program.

**PREREQUISITES:** A minimum average of C in either BUS-2002(3) or BUS-2010, BUS-2103(3) or PSYC-2440(3), BUS-2210(3), BUS-2440(3) and BUS-2501(3).

**BUS-4940(3) EMERGING MARKETS AND BUSINESS**

**PRACTICES (Le3)** This course focuses on the prevailing business practices and the process of globalisation of organisation from the emerging markets. The growing power of nations and purchasing power of consumers from emerging markets such as India, China, Brazil and Russia (BRIC countries) mean that business managers need to learn to: discover the new consumer preferences; develop new products; and, devise appropriate strategies to market these products. This course is designed to answer these questions.

**PREREQUISITES:** A minimum grade of C in BUS-3240(3).

# CHEMISTRY (CHEM)

**Note: The department/program code CHEM replaces the former code 08. Students cannot hold credit in CHEM-xxxx and the former 08.xxxx having the same course number (e.g., CHEM-1111(3) and 08.1111(3)).**

**Chair:** D. Vanderwel; **Associate Chair:** E. Segstro; **Professors Emeriti:** B. Blackburn, H. Hutton; **Professors:** A. Ata, D. Craig, D. Goltz, K.J. Friesen, W.J. Peeling; **Associate Professors:** M. Eze, B.A. Pettitt, Charles Wong; **Assistant Professor:** E. Prokopchuk; **Instructors:** W. Danchura, D. Latimer.

## DEGREES/PROGRAMS OFFERED

**3-Year BSc**  
**4-Year BSc**  
**Honours BSc**  
**4-Year BSc (UW/RRC)**

## INTRODUCTION

Chemistry is the study of the property and composition of matter, the transformations that matter may undergo, and the energies associated with such transformations. There are five main areas of chemistry: analytical chemistry, inorganic chemistry, organic chemistry, physical chemistry, and biochemistry. The department offers a solid foundation in each of these areas, plus more advanced courses for specialization at the senior level.

The Department of Chemistry offers 3-year, 4-year, and Honours BSc degrees in Chemistry. The department is also involved in several other interdisciplinary programs, most notably Biochemistry, Chemical Physics, and Environmental Studies (Chemistry Stream). An additional option available is the 4-year BSc program in Applied Chemistry, offered jointly by the University of Winnipeg and Red River College.

Chemists are involved in many fields, including environmental protection, pharmaceutical science, forensic science, toxicology, agricultural science, food science, education, geochemistry, biochemistry, materials science, biotechnology, oceanography, computer modeling, and plant management. Graduates from a 3-year BSc in Chemistry may proceed to professional schools in a health-related area (such as pharmacy, medicine, veterinary medicine, or dentistry), or to careers as diverse as education, library science, business administration, public administration, engineering and law. Graduates with 4-year or Honours degrees in Chemistry usually proceed directly to employment or to graduate school (to obtain an MSc or PhD degree). Ultimately, most obtain jobs either as technicians, managers, consultants or research scientists in industry or in government.

Arts students, with the required prerequisites, may take **CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Reactivity, or **CHEM-2801(3)** Chemistry and Society towards their Science requirement.

## GENERAL INFORMATION

### Prerequisites

Chemistry 40S AND Pre-Calculus or Applied Mathematics 40S are required for acceptance to the Chemistry Major program.

### Laboratory Work

Laboratory work has been designed to complement the lecture material; students are able to work in small lab sections with the possibility of individual projects. In advanced labs, modern instrumental techniques and computer facilities are used extensively.

### Pre-professional Program Requirements

Students planning to enter the Faculties of Dentistry or Medicine are required to take the following courses:

CHEM-1111(3)	Introduction to the Chemical Properties of Matter
CHEM-1112(3)	Basic Principles of Chemical Reactivity
CHEM-2202(3)	Organic Chemistry I
CHEM-2203(3)	Organic Chemistry II
CHEM-3502(3)	Intermediate Biochemistry I
CHEM-3503(3)	Intermediate Biochemistry II

Students planning to enter professional faculties would normally take the above courses in sequence. However, provided that a minimum grade of 75 (or equivalent) was obtained in Chemistry 40S, the course **CHEM-1111(3)** may be taken concurrently with **CHEM-2202(3)**, and **CHEM-1112(3)** may be taken concurrently with **CHEM-2203(3)**. Also, provided that a minimum grade of B+ was obtained in both **CHEM-1111(3)** and **CHEM-1112(3)** (or the former **CHEM-1101(6)**), the course **CHEM-2202(3)** may be taken concurrently with **CHEM-3502(3)**, and **CHEM-2203(3)** may be taken concurrently with **CHEM-3503(3)**.

## REQUIREMENTS FOR THE 3-YEAR BSc IN CHEMISTRY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a department advisor in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three(3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 33 credit hours/Maximum 48 credit hours in Major subject.
Double Major:	33 credit hours in Chemistry and specified number of credit hours in the other department/program.

Required courses:

**CHEM-1111(3)** Introduction to the Chemical Properties of Matter

**CHEM-1112(3)** Basic Principles of Chemical Reactivity

**CHEM-2102(3)** Thermodynamics and Kinetics

OR **CHEM-2103(3)** Atoms, Molecules and Spectroscopy

**CHEM-2202(3)** Organic Chemistry I

**CHEM-2203(3)** Organic Chemistry II

**CHEM-2302(3)** Quantitative Chemical Analysis

**CHEM-2401(3)** Inorganic Chemistry I

**MATH-1101(6)** Introduction to Calculus

**PHYS-1101(6)** Foundations of Physics I

OR **PHYS-1301(6)** Introduction to Physics

Plus an additional 12 credit hours of 2000-, 3000-, and/or 4000-level Chemistry courses.

Combined Major:

Prescribed Courses:

15 credit hours from CHEM-2102(3) Thermodynamics, CHEM-2202(3) Organic Chemistry I, CHEM-2203(3) Organic Chemistry II, CHEM-2302(3) Quantitative Chemical Analysis, CHEM-2401(3) Inorganic Chemistry I.

3 credit hours from CHEM-3101(3) Physical Chemistry of Condensed Phases, CHEM-3102(3) Quantum Chemistry, CHEM-3202(3) Reaction Mechanisms in Organic Chemistry, CHEM-3204(3) Organic Structure Determination, CHEM-3205(3) Organic Synthesis, CHEM-3302(3) Methods of Chemical Analysis, CHEM-3401(3) Inorganic Chemistry II, CHEM-3502(3) Intermediate Biochemistry I, CHEM-3503(3) Intermediate Biochemistry II, CHEM-3601(3) Environmental Chemistry, CHEM-3801(3) Polymer Chemistry.

**Students** must complete a Declaration of Major in a three-year Degree Program form, available from the Department office, before entering Year 2 of their studies.

**Students** are advised to consult with the Department when planning their studies.

## REQUIREMENTS FOR THE 4-YEAR BSc IN CHEMISTRY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a department advisor when planning their studies.
<b>GRADUATION REQUIREMENT</b>	120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus 30 additional credit hours.
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 54 credit hours/Maximum 78 credit hours in the Major subject.  
Maximum total of cognate and major courses is 84 credit hours combined.  
Double Major: Minimum 54 credit hours in Chemistry and specified number of credit hours in other Major.

Required courses:

<b>CHEM-1111(3)</b> Introduction to the Chemical Properties of Matter	<b>CHEM-2401(3)</b> Inorganic Chemistry I
<b>CHEM-1112(3)</b> Basic Principles of Chemical Reactivity	<b>CHEM-3302(3)</b> Methods of Chemical Analysis
<b>CHEM-2102(3)</b> Thermodynamics and Kinetics	<b>CHEM-3401(3)</b> Inorganic Chemistry II: Coordination Chemistry
<b>CHEM-2103(3)</b> Atoms, Molecules and Spectroscopy	<b>MATH-1101(6)</b> Introduction to Calculus
<b>CHEM-2202(3)</b> Organic Chemistry I	<b>PHYS-1101(6)</b> Foundations of Physics I
<b>CHEM-2203(3)</b> Organic Chemistry II	<b>OR PHYS-1301(6)</b> Introduction to Physics
<b>CHEM-2302(3)</b> Quantitative Chemical Analysis	

Minimum 3 credit hours selected from the following courses:

**PSYC-2101(3)** Introduction to Data Analysis  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Statistics for Biological and Health Sciences I  
Any Mathematics course numbered 2000 or above (MATH-2xxx) with the exceptions of MATH-2901(3) (History of Calculus) and MATH-2801(6) (Fundamentals of Computing).

Plus an additional 24 credit hours of 2000-, 3000- and/or 4000-level Chemistry courses.

Selection of Chemistry Courses: The 4-Year major requires a minimum of 54 credit hours in Chemistry. Since some senior courses are given in alternate years, all 4-Year majors are urged to seek academic advising within the Department **EACH YEAR** to avoid potential scheduling problems.

The following pattern of Chemistry courses is suggested:

**Year 1** - 6 credit hours: **CHEM-1111(3)** Introduction to the Chemical Properties of Matter; **CHEM-1112(3)** Basic Principles of Chemical Reactivity.

**Year 2** - 12 to 18 credit hours of the following required courses: **CHEM-2102(3)** Thermodynamics and Kinetics; **CHEM-2103(3)** Atoms, Molecules and Spectroscopy; **CHEM-2202(3)** Organic Chemistry I; **CHEM-2203(3)** Organic Chemistry II; **CHEM-2302(3)** Quantitative Chemical Analysis; **CHEM-2401(3)** Inorganic Chemistry I; **CHEM-3302(3)** Methods of Chemical Analysis; **CHEM-3401(3)** Inorganic Chemistry II.

**Note:** If **CHEM-3401(3)** is selected then **CHEM-2202(3)** and **CHEM-2203(3)** must also be taken in Year 2. Consult the Department for advice.

**Year 3** - 18 credit hours in Chemistry, including the required courses which were not taken in Year 2.

**Year 4** - 18 credit hours in Chemistry.

**Note:** A student would normally specialize in one or more areas of Chemistry (Analytical, Organic, Physical, Inorganic, Biochemistry) in Years 3 and 4 and should seek advice concerning course selection.

**Note:** It is recommended that **MATH-1101(6)** Introduction to Calculus be taken in Year 1 and **PHYS-1101(6)** Foundations of Physics I **OR** **PHYS-1301(6)** Introduction to Physics be taken in Year 1 or 2.

**Students** must complete a 4-Year BSc Degree form, available from Student Services.

Combined Major:

Prescribed Courses:

15 credit hours from CHEM-2202(3) Organic Chemistry I, CHEM-2203(3) Organic Chemistry II, CHEM-2101(3) Thermodynamics, CHEM-2302(3) Quantitative Chemical Analysis, CHEM-2401(3) Inorganic Chemistry I.

3 credit hours from CHEM-3101(3) Physical Chemistry of Condensed Phases, CHEM-3102(3) Quantum Chemistry, CHEM-3202(3) Reaction Mechanisms in Organic Chemistry, CHEM-3204(3) Organic Structure Determination, CHEM-3205(3) Organic Synthesis, CHEM-3302(3) Methods of Chemical Analysis, CHEM-3401(3) Inorganic Chemistry II, CHEM-3502(3) Intermediate Biochemistry I, CHEM-3503(3) Intermediate Biochemistry II, CHEM-3601(3) Environmental Chemistry, CHEM-3801(3) Polymer Chemistry.

## REQUIREMENTS FOR THE BSc (HONOURS) IN CHEMISTRY

**ADMISSION REQUIREMENT** Students must have completed 30 credit hours.  
Students must consult with and have the approval of the Department Chair or the Chair's designate when planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours  
Graduation GPA Requirement: To graduate with a BSc (Honours), students must have a minimum GPA of 3.0 on all major (Chemistry) courses which will be calculated on all course attempts in the major, and a minimum GPA of 2.75 on all non-major courses which will be calculated as for the general degree.

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**HONOURS REQUIREMENT**  
Single Honours: Minimum 60 credit hours in the Major subject.  
Minimum 30 credit hours in upper-level (3000 and 4000) Honours subject courses of which a minimum of 12 credit hours must be at the 4000 level.

Required courses:

<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter	<b>CHEM-3302(3)</b>	Methods of Chemical Analysis
<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity	<b>CHEM-3401(3)</b>	Inorganic Chemistry II
<b>CHEM-2102(3)</b>	Thermodynamics and Kinetics	<b>CHEM-4301(6)</b>	Instrumental Analysis
<b>CHEM-2103(3)</b>	Atoms, Molecules and Spectroscopy	<b>CHEM-4701(6)</b>	Research Projects in Chemistry
<b>CHEM-2202(3)</b>	Organic Chemistry I	<b>MATH-1101(6)</b>	Introduction to Calculus
<b>CHEM-2203(3)</b>	Organic Chemistry II	<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>CHEM-2302(3)</b>	Quantitative Chemical Analysis	<b>OR PHYS-1301(6)</b>	Introduction to Physics
<b>CHEM-2401(3)</b>	Inorganic Chemistry I		

Minimum 3 credit hours selected from the following courses:

**PSYC-2101(3)** Introduction to Data Analysis

**STAT-1201(6)** Introduction to Statistical Analysis

**STAT-1501(3)** Elementary Statistics for Biological and Health Sciences I

Any Mathematics course numbered 2000 or above (MATH-2xxx) with the exceptions of MATH-2901(3) (History of Calculus) and MATH-2801(6) (Fundamentals of Computing).

Plus an additional 18 credit hours of 2000-, 3000- and/or 4000 level Chemistry courses.

Plus an additional 18 credit hours selected from at least 2 departments and from the following list:

<b>BIOL-1115(3)</b>	Cells and Cellular Process	<b>MATH-2101(6)</b>	Intermediate Calculus
<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity	<b>MATH-2102(3)</b>	Differential Equations I
<b>BIOL-2301(3)</b>	Genetics	<b>MATH-2112(3)</b>	Differential Equations II
<b>BIOL-3221(3)</b>	Cell Biology	<b>MATH-2221(3)</b>	Linear Algebra II
<b>BIOL-3901(3)</b>	Microorganisms and Disease	<b>MATH-3101(6)</b>	Advanced Calculus
<b>GEOG-1201(3)</b>	Introductory Atmospheric Science	<b>PHYS-2104(6)</b>	Mathematical Physics
<b>GEOG-1202(3)</b>	Introductory Earth Science	<b>PHYS-2201(6)</b>	Electricity and Magnetism
<b>GEOG-2213(3)</b>	Introductory Soil Science	<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>GEOG-2214(3)</b>	Soil-Vegetation Systems	<b>STAT-1201(6)</b>	Introduction to Statistical Analysis
<b>MATH-1201(3)</b>	Linear Algebra I		

Students must complete an Honours BSc Degree form, available from Student Services.



# REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN APPLIED CHEMISTRY)

## INTRODUCTION

This is a joint degree program whereby students take courses at both The University of Winnipeg and Red River College in a prescribed sequence.

Students are required to complete courses at both institutions. Students will begin their program of study by completing 60 credit hours of course work at The University of Winnipeg. The next 30 credit hours are completed at Red River College and then students return to The University of Winnipeg to complete the final 30 credit hours. Students successfully completing the entire program will receive a joint degree parchment from Red River College and The University of Winnipeg. **N.B. Transfer of courses between institutions applies only to students who are officially registered in the joint program.**

**ADMISSION REQUIREMENT** Students must meet the entrance requirements for admission to The University of Winnipeg. Applications to the program in Applied Chemistry must be completed through the Admissions Office of The University of Winnipeg by March 1<sup>st</sup> in order to enter the program in September.

**GRADUATION REQUIREMENT** 120 credit hours, that is, 90 credit hours meeting the requirements for the BSc General plus 30 additional credit hours.

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.  
Required Courses: (These are the Core courses for all Applied Chemistry BSc students)

### UW COURSES

**CHEM-1111(3)** Introduction to the Chemical Properties of Matter  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity  
**CHEM-2102(3)** Thermodynamics and Kinetics  
**CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
**CHEM-2202(3)** Organic Chemistry I  
**CHEM-2203(3)** Organic Chemistry II  
**CHEM-2302(3)** Quantitative Chemical Analysis  
**CHEM-2401(3)** Inorganic Chemistry I  
**CHEM-3302(3)** Methods of Chemical Analysis  
**CHEM-3401(3)** Inorganic Chemistry II: Coordination Chemistry  
**CHEM-3601(3)** Environmental Chemistry  
**CHEM-4301(6)** Instrumental Analysis  
PLUS  
**BIOL-1115(3)** Cells and Cellular Process  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity  
**RHET-1105(3)** Academic Writing  
**MATH-1101(6)** Introduction to Calculus  
**PHYS-1301(6)** Introduction to Physics

PLUS  
**12 Credit hours Humanities**  
**18 Credit hours Electives**

### RRC COURSES

**CBST-1014** Microbiology 1  
**CBST-1025** Data Analysis  
**CBST-1031** Introductory Biochemistry  
**CBST-1040** Quality Assurance  
**CBST-1041** Regulatory Compliance  
**CBST-1070** Principles of Hazardous Materials Management  
**CBST-1090** Introductory Statistics  
**CBST-2017** Microbiology 2  
**CBST-3001** Advanced Biochemistry  
**ENVI-1011** Environmental Chemistry/Toxicology

The following pattern of courses is suggested:

#### Year 1 - University of Winnipeg

**CHEM-1111(3)** Introduction to the Chemical Properties of Matter  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity  
**BIOL-1115(3)** Cells and Cellular Processes  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity  
**RHET-1105(3)** Academic Writing  
**MATH-1101(6)** Introduction to Calculus

**PHYS-1301(6)** Introduction to Physics  
**3 Credit hours Humanities**

**Year 2 - University of Winnipeg**

**CHEM-2102(3)** Thermodynamics and Kinetics  
**CHEM-2103(3)** Atoms, Molecules and Spectroscopy  
**CHEM-2202(3)** Organic Chemistry I  
**CHEM-2203(3)** Organic Chemistry II  
**CHEM-2302(3)** Quantitative Chemical Analysis  
**CHEM-3302(3)** Methods of Chemical Analysis  
**6 Credit hours Electives**  
**6 Credit hours Humanities**

**Year 3 - Red River College**

**CBST-1014** Microbiology 1  
**CBST-1025** Data Analysis  
**CBST-1031** Introductory Biochemistry  
**CBST-1040** Quality Assurance  
**CBST-1041** Regulatory Compliance  
**CBST-1070** Principles of Hazardous Materials Management  
**CBST-1090** Introductory Statistics  
**CBST-2017** Microbiology 2  
**CBST-3001** Advanced Biochemistry  
**ENVI-1011** Environmental Chemistry/Toxicology

**Year 4 - University of Winnipeg**

**CHEM-2401(3)** Inorganic Chemistry I  
**CHEM-3401(3)** Inorganic Chemistry II: Coordination Chemistry  
**CHEM-3601(3)** Environmental Chemistry  
**CHEM-4301(6)** Instrumental Analysis  
**3 Credit hours Humanities**  
**12 Credit hours Electives**

## COURSE LISTINGS

Students should consult the appropriate Timetable, available from the Records Office for courses to be offered during the current term. A number of senior courses are offered on a rotation basis and are given in alternate years. Students are advised to consult with the Department in advance when planning their curriculum.

CHEM-0100(3) Foundations of Chemistry	CHEM-3302(3) Methods of Chemical Analysis
CHEM-1111(3) Introduction to the Chemical Properties of Matter	CHEM-3401(3) Inorganic Chemistry II: Coordination Chemistry
CHEM-1112(3) Basic Principles of Chemical Reactivity	CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
CHEM-2102(3) Thermodynamics and Kinetics	CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism
CHEM-2103(3) Atoms, Molecules and Spectroscopy	CHEM-3601(3) Environmental Chemistry
CHEM-2202(3) Organic Chemistry I	CHEM-3801(3) Polymer Chemistry
CHEM-2203(3) Organic Chemistry II	CHEM-4101(3) Molecular Structure, Spectroscopy, and Reactivity
CHEM-2302(3) Quantitative Chemical Analysis	CHEM-4204(3) Medicinal Chemistry
CHEM-2401(3) Inorganic Chemistry I	CHEM-4301(6) Instrumental Analysis
CHEM-2501(3) Principles of Biochemistry	CHEM-4401(3) Inorganic Chemistry III: Organometallic Chemistry
CHEM-2701(3) Introduction to Computers in Chemistry	CHEM-4502(3) Molecular Enzymology
CHEM-2801(3) Chemistry and Society	CHEM-4506(3) Methods in Biochemistry
CHEM-3101(3) Physical Chemistry of Condensed Phases	CHEM-4701(6) Research Projects in Chemistry
CHEM-3102(3) Quantum Chemistry and Spectroscopy	CHEM-4703(3) Topics in Chemistry
CHEM-3202(3) Reaction Mechanisms in Organic Chemistry	
CHEM-3204(3) Organic Structure Determination	
CHEM-3205(3) Organic Synthesis	
CHEM-3206(3) Advanced Organic Chemistry Laboratory	

## COURSE DESCRIPTIONS

**CHEM-0100(3) FOUNDATIONS OF CHEMISTRY (Le3)** The purpose of this course is to prepare students for CHEM-1111(3) Introduction to the Chemical Properties of Matter and CHEM-1112(3) Basic Principles of Chemical Reactivity. Topics include the characterization of chemical substances, chemical reactions, chemical quantities, and chemical systems. Standing in this course will satisfy the prerequisites for CHEM-1111(3) (in place of Chemistry 40s, Pre-Calculus Mathematics 40S, and/or Applied Mathematics 40S). Non-science majors wishing to take a chemistry course for science credit should take CHEM-2801(3) Chemistry and Society. **RESTRICTION:** Written permission of the Department Chair is required to take this course.

**CHEM-1111(3) INTRODUCTION TO THE CHEMICAL PROPERTIES OF MATTER (Le3, La3)** This includes an introduction to atomic and molecular structure, chemical bonding, chemical reactivity, to the bulk properties of matter, and the descriptive chemistry of elements. The laboratory component introduces students to basic chemistry laboratory practice and techniques. The fundamental chemical concepts introduced in this course provide a solid base for students who wish to continue with CHEM-1112(3) Basic Principles of Chemical Reactivity.

**PREREQUISITES:** Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S; or CHEM-0100(3).

**RESTRICTION:** Students with standing in the former CHEM 1101(6) will not receive credit for this course.

**CHEM-1112(3) BASIC PRINCIPLES OF CHEMICAL REACTIVITY (Le3,La3)** This course includes an introduction to chemical kinetics, chemical thermodynamics and equilibrium, and to acid/base and oxidation/reduction chemical reactions. The laboratory component introduces students to some of the basic techniques of practical chemistry. The fundamental concepts of chemical reactivity covered in this course provide the essential foundation for students who wish to continue with Chemistry or Biochemistry as a major, and for students of Biology, Physics, Physical Geography, Environmental Studies, and Experimental Psychology.

**PREREQUISITE:** CHEM-1111(3).

**RESTRICTION:** Students with standing in the former CHEM-1101(6) will not receive credit for this course.

**CHEM-2102(3) THERMODYNAMICS AND KINETICS (Le3,La3)** This course describes the principles and applications of the thermodynamics, and the rates and mechanisms of chemical reactions. Laboratory work consists of experiments in the thermodynamics and kinetics of gases and solutions, and computer applications in data analysis and problem solving.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)) and MATH-1101(6).

**RESTRICTION:** Students with standing in the former CHEM-2101(6) will not receive credit for this course.

**CHEM-2103(3) ATOMS, MOLECULES AND SPECTROSCOPY (Le3,La3)** This course is an introduction to quantum chemistry, with applications in atomic and molecular structure and spectroscopy. Laboratory work consists of experiments in molecular spectroscopy and computational methods for determining molecular structures and properties.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)) and MATH-1101(6).

**RESTRICTION:** Students with standing in the former CHEM-2101(6) will not receive credit for this course.

**CHEM-2202(3) ORGANIC CHEMISTRY I (Le3,La3)** This course is an introductory study of aliphatic carbon compounds. Topics to be

covered include bonding; hybridization; resonance; acids and bases; the structure, nomenclature, synthesis and reactions of alkanes, alkenes, alkynes, alkyl halides, alcohols, ethers and amines; the stereo chemistry of organic compounds; and, nucleophilic substitution and elimination reactions and their use in organic synthesis. The laboratory includes an introduction to techniques commonly used in organic chemistry, through the preparation, purification and characterization of organic compounds.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)).

**NOTE:** CHEM-1111(3) may be used as a corequisite provided a minimum grade of 75 or equivalent was obtained in Chemistry 40S.

**RESTRICTION:** Students with standing in the former CHEM-2201(6) will not receive credit for this course.

**CHEM-2203(3) ORGANIC CHEMISTRY II (Le3,La3)** This course is an introductory study of the chemistry and structural identification of common aliphatic and aromatic organic compounds. Topics include the structure, nomenclature, synthesis and reactions of aromatic hydrocarbons, phenols, aldehydes, ketones, enolates, carboxylic acids, sulfur- and phosphorus-containing compounds, and free-radicals. Spectroscopic instrumentation for structure determination is discussed, with an emphasis on infra-red (IR) and nuclear magnetic resonance (NMR) spectroscopy, and mass spectrometry (MS). The laboratory includes an introduction to techniques commonly used in organic chemistry, through the preparation, purification and characterization of compounds.

**PREREQUISITE:** CHEM-2202(3).

**NOTE:** CHEM-1112(3) may be used as a corequisite provided a minimum grade of 75 or equivalent was obtained in Chemistry 40S.

**RESTRICTION:** Students with standing in the former CHEM-2201(6) will not receive credit for this course.

**CHEM-2302(3) QUANTITATIVE CHEMICAL ANALYSIS (Le3,La3)**

This is a first course in analytical chemistry which examines ionic equilibria in aqueous solutions and their use in chemical analysis. This course covers both volumetric and gravimetric analysis with a detailed examination of the pertinent equilibria involved in precipitation, acid-base, and complexometric systems. The lab consists of a series of experiments designed to develop strong analytical techniques.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)).

**RESTRICTION:** Students with standing in the former CHEM-2301(6) will not receive credit for this course.

**CHEM-2401(3) INORGANIC CHEMISTRY I (Le3,La3)** This course provides an introduction to Inorganic Chemistry with a focus on fundamental concepts. The first part of the course deals with understanding and predicting molecular bonding and structure with examples taken mostly from the main group. The second part of the course deals with understanding and explaining the trends in chemical behaviour with emphasis being placed on the main group elements. Laboratory work demonstrates reactivity trends discussed in lecture and introduces the techniques associated with the synthesis and characterization of main group compounds.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)).

**RESTRICTION:** Students with standing in the former CHEM-3402(3) may not receive credit for this course.

**CHEM-2501(3) PRINCIPLES OF BIOCHEMISTRY (Le3)** This is an introductory course in biochemistry. Topics to be introduced include the structural characteristics and biological properties of

biomolecules (carbohydrates, lipids, proteins, and nucleic acids); basic enzymology; and, metabolism. Examples of the application of the principles of biochemistry to the study and treatment of human diseases will be discussed.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)) and BIOL-1115(3).

**RESTRICTION:** This course CANNOT be used as a credit towards the Chemistry or Biochemistry majors.

**CHEM-2701(3) INTRODUCTION TO COMPUTERS IN CHEMISTRY (Le3,La3)** This course introduces students to computer applications in the field of Chemistry. Topics include data handling; basic statistical analysis; graphing; drawing chemical structures, equations, and diagrams; computations; molecular modelling and minimum energies; and the incorporation of diagrams, graphs, molecular structures, and equations directly into scientific documents.

**PREREQUISITE:** Minimum grade of C in CHEM-1112(3) (or the former CHEM-1101(6)) and CHEM-2102(3) or CHEM-2103(3) or CHEM-2302(3).

**COREQUISITE:** CHEM-2102(3) or CHEM-2103(3) or CHEM-2302(3).

**CHEM-2801(3) CHEMISTRY AND SOCIETY (Le3)** The course begins with an introduction to the fundamentals of chemistry, including atomic structure, the nature of chemical bonds, nomenclature, and an introduction to chemical reactions. These fundamentals are then applied to examine a selected range of topics in the environmental, consumer, and health related areas. Topics such as plastics and recycling, food chemistry, pesticides, drugs, detergents, global warming and/or acid rain are examined from a chemical perspective.

**PREREQUISITE:** Chemistry 40S or ENV-1600(3) or permission of instructor.

**RESTRICTION:** Student with standing in the former CHEM-2601(6) will not receive credit for this course.

**Notes:** CHEM-2801(3) may be used to fulfil the Science requirement for the BA degree. It can also be used for credit towards the Chemistry major in the 5-Year BEd/BSc degree. **THIS COURSE IS NOT DESIGNED FOR CHEMISTRY MAJORS.** CHEM-2801(3) CANNOT be used for credit towards the Chemistry or Biochemistry majors.

**CHEM-3101(3) PHYSICAL CHEMISTRY OF CONDENSED PHASES (Le3)** This course examines the thermodynamics, structures, and physical properties of liquids, solids and surfaces. Topics include phase transitions, chemical reactions, ionic solutions, and transport properties (conductivity, diffusion, viscous flow, surface tension, and capillarity).

**PREREQUISITE:** CHEM-2102(3) or permission of instructor.

**CHEM-3102(3) QUANTUM CHEMISTRY AND SPECTROSCOPY (Le3)** This course examines the quantum theory of chemical bonding, molecular properties, and spectroscopy.

**PREREQUISITE:** CHEM-2103(3).

**CHEM-3202(3) REACTION MECHANISMS IN ORGANIC CHEMISTRY (Le3)** This course deals with the application of physical chemical principles to organic compounds and their reactions. It includes topics such as the effects of structure on reactivity, heterolytic reaction mechanisms, acidity functions, catalysis, solvent effects, and isotope effects.

**PREREQUISITES:** CHEM-2202(3) and CHEM-2203(3) (or the former CHEM-2201(6)) and MATH-1101(6).

**RESTRICTION:** Students with standing in the former CHEM-3201(6) will not receive credit for this course.

**CHEM-3204(3) ORGANIC STRUCTURE DETERMINATION (Le3)** This course teaches the application of spectroscopic techniques (1D

and 2D multinuclear NMR, IR, MS, UV) to organic structure determination. Classical methods still in common use are briefly covered.

**PREREQUISITES:** CHEM-2202(3) and CHEM-2203(3) (or the former CHEM-2201(6)).

**RESTRICTION:** Students with standing in the former CHEM-3201(6) will not receive credit for this course.

**CHEM-3205(3) ORGANIC SYNTHESIS (Le3)** This course deals with the synthesis of organic compounds. Topics include synthetic strategies, conformational analysis, use of protecting groups, and chiral induction. Molecular orbital theory will be introduced and applied to the study of pericyclic reactions.

**PREREQUISITE:** CHEM-2202(3) and CHEM-2203(3) (or former CHEM-2301(6)).

**RESTRICTION:** Students with standing in the former CHEM-4202(3) will not receive credit for this course.

**CHEM-3206(3) ADVANCED ORGANIC CHEMISTRY LABORATORY (La3– over two terms)** This course provides students with advanced laboratory experience in Organic Chemistry. Students are exposed to the theory and application of methods for experimental design; purification of reagents; working with air/moisture sensitive reagents; and, the isolation, purification and identification of natural products. Students set up and conduct several experiments and formulate reports on their work.

**PREREQUISITE:** Minimum grade of C in CHEM-2203(3).

**COREREQUISITE:** CHEM-3202(3) or CHEM-3204(3) or CHEM-3205(3).

**CHEM-3302(3) METHODS OF CHEMICAL ANALYSIS (Le3,La3)** This course introduces students to the procedures of analytical chemistry including sampling, preparation of the sample for analysis, instrument calibration, and statistical treatment of data. Specific analytical methods discussed include electrochemistry and atomic and molecular spectroscopy. This involves a series of analyses using instrumental techniques.

**PREREQUISITE:** CHEM-2302(3).

**RESTRICTION:** Students with standing in the former CHEM-2301(6) will not receive credit for this course.

**CHEM-3401(3) INORGANIC CHEMISTRY II: COORDINATION CHEMISTRY (Le3,La3)** This course examines the bonding, structure, and reactivity of coordination compounds of the transition metals. Building on the fundamentals covered in CHEM-2401, we discuss the nature of the metal-ligand bond, including its effect on physical and chemical properties of metal complexes. General trends in transition metal coordination chemistry are examined with an emphasis on understanding and predicting the reactivity and structures of coordination compounds. Laboratory work involves synthesis and characterization of transition metal coordination compounds.

**PREREQUISITE:** CHEM-2202(3) (or the former CHEM-2404(3)), and CHEM-2401(3).

**COREREQUISITE:** CHEM-2203(3).

**RESTRICTION:** Students with standing in the former CHEM-3402(3) or CHEM-3404(3) will not receive credit for this course.

**CHEM-3502(3) INTERMEDIATE BIOCHEMISTRY I: STRUCTURE, FUNCTION, AND ENERGETICS OF BIOMOLECULES (Le3,La3)** Topics to be examined in this course include the structure and function of biomolecules, including carbohydrates, lipids, nucleic acids, proteins, and "high energy" phosphate compounds (emphasizing the inter-relationship of structure and function); mechanisms and kinetics of enzyme-catalyzed reactions; membrane transport; and bioenergetics.

**PREREQUISITES:** CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)), CHEM-2202(3) and CHEM-2203(3) (or the former CHEM-2201(6)) and BIOL-1115(3) (or the former BIOL-1111(6)).

**NOTE:** CHEM-2202(3) may be used as a corequisite providing that a minimum grade of B+ was obtained in CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)).

**RESTRICTION:** Students with standing in the former CHEM-3501(6) will not receive credit for this course.

**CHEM-3503(3) INTERMEDIATE BIOCHEMISTRY II: INTERMEDIARY METABOLISM (Le3,La3)** This course examines major catabolic and anabolic pathways, and their regulation and integration.

**PREREQUISITE:** CHEM-3502(3).

**NOTE:** CHEM-2203(3) may be used as a corequisite providing that a minimum grade of B+ was obtained in CHEM-1111(3) and CHEM-1112(3) (or the former CHEM-1101(6)).

**RESTRICTION:** Students with standing in the former CHEM-3501(6) will not receive credit for this course.

**CHEM-3601(3) ENVIRONMENTAL CHEMISTRY (Le3)** This course in environmental organic chemistry describes the properties, partitioning behaviour and reactivity of organic contaminants and their influence on the distribution, transport and fate of the chemical in the environment. Recent literature is used to discuss current issues in environmental chemistry, with an emphasis on long-range transport and global distribution of persistent, toxic and bioaccumulative contaminants.

**PREREQUISITES:** CHEM-2202(3) and CHEM-2203(3) (or the former CHEM-2201(6)) and CHEM-2302(3) (or the former CHEM-2301(6)) or permission of the instructor.

**CHEM-3801(3) POLYMER CHEMISTRY (Le3)** This course includes the synthesis of organic and inorganic polymers, reaction mechanisms, structure determination, polymer modification and design of polymers for specific applications.

**PREREQUISITES:** CHEM-2202(3) and CHEM-2203(3) (or the former CHEM-2201(6)).

**CHEM-4101(3) MOLECULAR STRUCTURE, SPECTROSCOPY, AND REACTIVITY (Le3)** This course examines modern topics in physical chemistry such as the quantum theory of molecular structure and reactivity, laser chemistry, nuclear magnetic resonance, and materials science.

**PREREQUISITE:** CHEM-2103(3).

**CHEM-4204(3) MEDICINAL CHEMISTRY (Le3)** This course deals with an introduction to pharmaceuticals from natural sources and their biosynthetic origin. This also includes various methods of synthesis, and studies on structure-activity relationships of anti-inflammatory, anti-cancer and anti-microbial chemotherapeutic agents.

**PREREQUISITES:** CHEM-2202(3) and CHEM-2203(3).

**CHEM-4301(6) INSTRUMENTAL ANALYSIS (Le3,La3)** This course describes the role of instrumentation in analytical chemistry with an emphasis on trace quantitative analysis. The general principles, theory and applications for important spectroscopic, electrochemical and chromatographic techniques are described in detail. The laboratory provides students with practical experience in instrumental techniques including gas and liquid chromatography, mass spectrometry and atomic and vibrational spectroscopy.

**PREREQUISITES:** CHEM-2202(3) and CHEM-2203(3) (or the former CHEM-2201(6)) and CHEM-3302(3) (or the former CHEM-2301(6)).

**CHEM-4401(3) INORGANIC CHEMISTRY III:**

**ORGANOMETALLIC CHEMISTRY (Le3)** The bonding, structure and reactivity of compounds containing metal-carbon bonds are examined. Emphasis is on the reactions of organo-transition metal compounds and their use in the development of modern industrial catalysts.

**PREREQUISITE:** CHEM-3401(3) (or the former CHEM-3404(3)).

**RESTRICTION:** Students with standing in the former CHEM-4402(6) may not receive credit for this course.

**CHEM-4502(3) MOLECULAR ENZYMOLOGY (Le3)** This course examines aspects of the structure, function, and regulation of enzymes. Topics include the inter-relationship of enzyme structure and function, current theories of the chemical basis of enzyme catalysis, enzyme kinetics, and the regulation of enzyme activity. Applications of our current understanding of enzyme biochemistry are discussed.

**PREREQUISITE:** CHEM-3503(3) (or the former CHEM-3501(6)).

**CHEM-4506(3) METHODS IN BIOCHEMISTRY (Le3,La3)** This course examines the application of physical methods to problems of biochemical interest. Topics to be covered include the isolation and stabilization of proteins; sub-cellular fractionation; methods for the assay of protein activity; the determination of enzyme kinetic parameters; purification and analysis of biomolecules (especially proteins) by selective precipitation (varying pH, salt concentration, and solvent), liquid chromatography (ion exchange, gel filtration, and affinity chromatography) and electrophoresis (slab gel and capillary); ultracentrifugation; and, biochemical applications of the use of radioisotopes. Although emphasis is placed on the application of these techniques to proteins, application to other classes of biomolecules are examined as appropriate.

**PREREQUISITES:** CHEM-3503(3) (or the former CHEM-3501(6)). CHEM-4502(3) is highly recommended.

**CHEM-4701(6) RESEARCH PROJECTS IN CHEMISTRY (P)**

This course is designed to allow students to investigate a specific research problem. Students work with a faculty member in a particular area of research while learning the techniques and methodology related to chemical research. Students are strongly urged to consult with the department at least two months in advance of any anticipated registration in this course, as approval for any planned project must be obtained from a specific faculty member as well as from the Department Chair.

**PREREQUISITE:** Student should normally have completed 30 credit hours of Chemistry courses.

**RESTRICTION:** Enrolment in this course is limited by the availability of faculty to serve as supervisors. Students must obtain written permission from the Department Chair to register for the course.

**CHEM-4703(3) TOPICS IN CHEMISTRY (Le3)** Special topics in an area of analytical, environmental, inorganic, organic, physical, or biochemistry are addressed. Please consult the Chemistry Department for the current topic.

**RESTRICTION:** Written permission from the Department Chair is required to take this course.

# CLASSICS (CLAS)

## Greek and Roman Studies

**Note: The department/program code CLAS replaces the former code 11. Students cannot hold credit in CLAS-xxxx and the former 11.xxxx having the same course number (e.g., CLAS-1010(6) and 11.1010(6)).**

**Chair: Associate Professor J. Cahill; Professor: M. Golden; Assistant Professors: M. Gibbs, P. Ripat.**

### DEGREES/PROGRAMS OFFERED

**3-Year BA  
4-Year BA  
Honours BA**

### INTRODUCTION

Classics is the study of Ancient Greek and Roman civilizations in all their aspects. The roots of Modern Western society are to be found in Graeco-Roman culture and its remarkable achievements in art, literature and philosophy. The University of Winnipeg Classics Department is committed to bringing the ancient world to life to illuminate our modern world. The courses offered are designed to provide a broader and deeper understanding of human beings, both as individuals and as members of their society.

Courses in Classics in themselves constitute a liberal education but may also be taken to supplement one or another of a wide range of disciplines. As almost all fields of study were initiated in the Graeco-Roman world, acquaintance with the pioneer efforts of the Greeks and Romans is of real value to anyone wishing to acquire competence in any one of a variety of modern academic programs. Within the Classics Department, you may choose to concentrate on courses in Classical Civilization or on courses which study the Classical languages of Latin and Greek. The Classics Department offers the 3-Year, 4-Year, and Honours BA degrees.

While courses in Classics are not vocationally oriented in the strict sense, they can aid in the attainment of competence in those disciplines or professions that are vocationally oriented. For those planning to enter certain professions, such as law, teaching, medicine, or theology, a knowledge of the classical world can be particularly useful. The Department offers an excellent program for those planning to go on to graduate level studies.

### REQUIREMENTS FOR A 3-YEAR BA IN CLASSICS

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.  
Double Major: 30 credit hours in Classics and specified number of credit hours in the other department/program.

Programs of study are available in two different areas: Classical Civilization and Classical Languages (Latin and/or Greek). Students majoring in Classical Civilization are encouraged (but not required) to take a minimum of 3 credit hours of Introductory Latin (CLAS-1100) or 3 credit hours of Introductory Greek (CLAS-1200). Students majoring in Classical Languages must have 30 credit hours in Latin and/or Greek.

Students are advised to consult with a member of the Department as to the most desirable program to fit their individual needs.

Combined Major: Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.  
Prescribed courses: To be determined in consultation with the Department.

## REQUIREMENTS FOR A 4-YEAR BA IN CLASSICS

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study. Minimum 30 credit hours completed previously.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**

Single Major: Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Cognates: Minimum 18 credit hours/Maximum 36 credit hours of ancillary courses.  
Maximum total of cognate and major courses is 84 credit hours combined.  
Required courses: **CLAS-4400(6)** Thesis

Programs of study are available in two different areas: Classical Civilization and Classical Languages (Latin and/or Greek). Students majoring in Classical Languages must have 36 credit hours in Latin and/or Greek. Students are advised to consult with a member of the Department as to the most desirable program to fit their individual needs, particularly if they wish to combine studies in Classical Civilization and Classical Languages. The thesis topic will be determined in consultation with the department advisor. The thesis will normally be undertaken during the final year of study. Cognate courses must receive departmental approval.

Combined Major: Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.  
Prescribed courses: To be determined in consultation with the department advisor.

## REQUIREMENTS FOR AN HONOURS BA IN CLASSICS (CLASSICAL LANGUAGES)

**ADMISSION REQUIREMENT**

Entry into the program after completing a minimum of 30 credit hours.  
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses. The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

**GRADUATION REQUIREMENT** 120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours Subject courses.

**RESIDENCE REQUIREMENT**

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 level.

**GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three(3) credit hours from each of five (5) different subjects.

**HONOURS REQUIREMENT**

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject.  
Double Honours: Minimum 30 credit hours in 4000-level Honours courses.  
Minimum 36 credit hours in each Honours subject.  
Minimum 24 credit hours in 4000-level Honours courses in the Classics component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

**Required Courses for BA Honours in Classics:  
CLAS-4400(6) Thesis**

Students, particularly those intending to pursue graduate studies in Classics, are advised to take as many 4000-level courses in the two languages as possible. All 3000-level courses in the two languages are offered at the 4000 level, and will be supplemented for Honours students to meet the requirements of the Honours program.

## GENERAL INFORMATION

Neither **CLAS-1011(3)** Introduction to Greek Society nor **CLAS-1012(3)** Introduction to Roman Society is required as a prerequisite for study of any of the offerings in Classics.

Students may complete any course offered by the Department to satisfy the Humanities requirement.

Students may complete the following courses to obtain credit towards the Major in another Department or Program:

CLAS-2000(3)	The Heroic Age of Greece - Art History
CLAS-2002(3)	Greek Art and Architecture - Art History
CLAS-2003(3)	Roman Art and Architecture - Art History
CLAS/PHIL-2011(6)	The Genesis of Western Humanism - Philosophy
CLAS-2020(6)	Athenian Law and Society - Criminal Justice Studies
CLAS/KIN-2060(3)	Sport in the Ancient World - Kinesiology and Applied Health
CLAS-2070(6)	Women and the Family in Greece and Rome - Women's Studies
CLAS-2091(6)/HIST-2104(6)	Ancient Greek History -History
CLAS-2092(6)/HIST-2105(6)	Alexander the Great and the Hellenistic World - History
CLAS/HIST-2096(6)	The History of Ancient Rome - History
CLAS/THFM-2405(3)	Staging Greek and Roman Drama - Theatre and Drama
CLAS/HIST-3006(3)	Topics in Ancient History
CLAS-3211(3)/HIST-3903(3)	Classical and Medieval Science - History
CLAS/ENGL-3752(3)	History of Greek Literature - English
CLAS/ENGL-3753(3)	History of Latin Literature - English

### Graduate Studies

Students who plan to proceed to graduate studies in Classics are strongly advised to select as many language courses as possible.

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).  
Permission of the department is required for each 4000-level course.

## COURSE LISTINGS

The Classics Department has organized its courses into two areas of specialization. This division is provided as a guideline to the Areas of Study available for concentration.

### CLASSICAL CIVILIZATION

Students whose primary interest is the study of civilization and culture may complete any of a wide range of courses which do not require a knowledge of the Latin and Greek languages. These have been organized into different categories to aid the student in selecting relevant courses.

#### SOCIAL BACKGROUND

CLAS-1011(3)	Introduction to the Ancient Greeks
CLAS-1012(3)	Introduction to the Ancient Romans
CLAS-2020(6)	Athenian Law and Society
CLAS-2050(3)	Education in the Ancient World
CLAS/KIN-2060(3)	Sport in the Ancient World
CLAS-2070(6)	Women and the Family in Greece and Rome
CLAS-2702(3)	Religion in Greece and Rome
CLAS-2703(3)	Magic and Divination in the Greek and Roman World
CLAS-3010(3)	Directed Readings

#### HISTORICAL BACKGROUND

CLAS-2000(3)	The Heroic Age of Greece
CLAS-2081(3)	Sites of the Ancient Greek and Roman World I
CLAS-2082(3)	Sites of the Ancient Greek and Roman World II
CLAS-2091(6)/HIST-2104(6)	Ancient Greek History

CLAS-2092(6)/HIST-2105(6)	Alexander the Great and the Hellenistic World
CLAS/HIST-2096(6)	The History of Ancient Rome
CLAS/HIST-3006(3)	Topics in Ancient History

#### ARTISTIC ACHIEVEMENT

CLAS-2000(3)	The Heroic Age of Greece
CLAS-2002(3)	Greek Art and Architecture
CLAS-2003(3)	Roman Art and Architecture
CLAS-2081(3)	Sites of the Ancient Greek and Roman World I
CLAS-2091(3)	Sites of the Ancient Greek and Roman World II
CLAS/THFM-2405(3)	Staging Greek and Roman Drama

#### LITERARY ACHIEVEMENT

CLAS/THFM-2405(3)	Staging Greek and Roman Drama
CLAS-2701(6)	Classical Mythology
CLAS-3010(3)	Directed Readings
CLAS/ENGL-3752(3)	History of Greek Literature
CLAS/ENGL-3753(3)	History of Latin Literature

#### HISTORY OF IDEAS

CLAS/PHIL-2011(6)	The Genesis of Western Humanism
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CLAS-2020(6) Athenian Law and Society  
 CLAS-2050(3) Education in the Ancient World  
 CLAS-2701(6) Classical Mythology  
 CLAS-2702(3) Religion in Greece and Rome  
 CLAS-2800(3) Greek and Latin in Today's English  
 CLAS-3211(3)/ Classical and Medieval Science  
 HIST-3903(3)  
 CLAS/ENGL- History of Greek Literature  
 3752(3)  
 CLAS/ENGL- History of Latin Literature  
 3753(3)

#### LATIN AND GREEK

A reasonable number of courses of Latin and Greek is made available to students each year. The complete value of Classical Training can only be attained through study of the two Classical languages. In the introductory courses (**CLAS-1100(3)**, **CLAS-1101(3)**, **CLAS-1200(3)**, and **CLAS-1201(3)**), students are provided with the linguistic skills necessary to enable them to read Greek and Latin fluently. In the intermediate and senior language courses emphasis is placed on training students to read with comprehension as quickly as possible, and in the process of reading the ancient authors students are acquainted with the vital aspects of Greek and Roman civilization. A wide range of offerings is available in both Latin and Greek. These courses provide students with the sound linguistic background essential for graduate work.

#### LATIN

CLAS-1100(3) Introductory Latin I  
 CLAS-1101(3) Introductory Latin II  
 CLAS-2100(6) Intermediate Latin Texts

CLAS-3100(6)/ Poetry of the Republic  
 4100(6)  
 CLAS-3110(6)/ Prose Literature of the Republic and  
 4110(6) Augustan Age  
 CLAS-3120(6)/ Epic and Lyric Poetry of the Augustan Age  
 4120(6)  
 CLAS-3121(6)/ Elegiac Poetry of the Augustan Age  
 4121(6)  
 CLAS-3130(6)/ Poetry of the Empire  
 4130(6)  
 CLAS-3140(6)/ Prose Literature of the Empire  
 4140(6)  
 CLAS-4400(6) Thesis

#### GREEK

CLAS-1200(3) Introductory Greek I  
 CLAS-1201(3) Introductory Greek II  
 CLAS-2200(6) Intermediate Greek Texts  
 CLAS-3210(6)/ Archaic Greek Poetry  
 4210(6)  
 CLAS-3220(6)/ Greek Tragedy and Comedy  
 4220(6)  
 CLAS-3230(6)/ Greek History and Philosophy  
 4230(6)  
 CLAS-3240(6)/ Greek Oratory  
 4240(6)  
 CLAS-3250(6)/ Hellenistic Prose and Poetry  
 4250(6)  
 CLAS-4400(6) Thesis

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current session.

## COURSE DESCRIPTIONS

**CLAS-1011(3) INTRODUCTION TO THE ANCIENT GREEKS (Le3)** Students are introduced to the fundamental social concepts, cultural characteristics, and political institutions of ancient Greek society. Examples of topics that may be covered are the family, religion, slavery, social relations, cultural ideals as reflected in ancient literature and art, and political institutions such as Athenian democracy. Major sources of information are presented, and the problems involved in the interpretation of ancient evidence are addressed throughout.

**RESTRICTIONS:** Students may not receive credit for this course and the former CLAS-1010(6).

**CLAS-1012(3) INTRODUCTION TO THE ANCIENT ROMANS (Le3)** Students are introduced to the fundamental social concepts, cultural characteristics, and political institutions of ancient Roman society. Examples of topics that may be covered are the family, religion, slavery, social relations, cultural ideals as reflected in ancient literature and art, and political organization of the Republic and the Empire. Major sources of information are presented, and the problems involved in the interpretation of ancient evidence are addressed throughout.

**RESTRICTIONS:** Students may not receive credit for this course and the former CLAS-1010(6).

**CLAS-1100(3) INTRODUCTORY LATIN I (Le4)** The course is designed for students who have no previous knowledge of the Latin language. Its aim is to introduce the concept of an inflected language and to teach the basic elements of Latin grammar and vocabulary.

**RESTRICTIONS:** May not be taken by students with credit in Latin 40S or the former CLAS-1101(6).

**CLAS-1101(3) INTRODUCTORY LATIN II (Le4)** This course is designed to expand students' knowledge of Latin vocabulary,

to introduce more complex grammatical concepts, and to provide an introduction to the reading of continuous passages from Latin authors.

**PREREQUISITE:** CLAS-1100(3)

**RESTRICTIONS:** May not be taken by students with credit in Latin 40S or the former CLAS-1101(6).

**CLAS-1200(3) INTRODUCTORY GREEK I (Le4)** This course is designed for students with no previous knowledge of Classical Greek and includes a study of the basic forms, syntax, and vocabulary of the language.

**RESTRICTIONS:** Students may not receive credit for this course and the former CLAS-1200(6).

**CLAS-1201(3) INTRODUCTORY GREEK II (Le4)** This course proceeds to a more advanced study of the forms, syntax, and vocabulary designed to enable students to proceed with advanced studies in Greek.

**PREREQUISITE:** CLAS-1200(3).

**RESTRICTIONS:** Students may not receive credit for this course and the former CLAS-1200(6).

**CLAS-2000(3) THE HEROIC AGE OF GREECE (Le3)** This course examines the Minoan and Mycenaean civilizations as revealed through their art and architecture. Emphasis is on archaeological discoveries as evidence for the earliest history of the Aegean area, and as background to many Greek myths. Arts surveyed include architecture, pottery, painting, jewellery, and the minor arts. May be counted for credit towards an Art History Major.

**CLAS-2002(3) GREEK ART AND ARCHITECTURE (Le3)** This course examines Greek art and architecture with emphasis upon their development, and their contribution to subsequent art and architecture in Europe and America. Areas studied include architecture, sculpture, painting, pottery,

jewellery, and the minor arts. This course may be counted for credit towards an Art History Major.

**RESTRICTIONS:** May not be taken by students with credit in the former CLAS-2001(6).

**CLAS-2003(3) ROMAN ART AND ARCHITECTURE (Le3)**

This course examines Etruscan and Roman art and architecture with emphasis upon their development, and their contribution to subsequent art and architecture in Europe and America. Areas studied include architecture, sculpture, painting, pottery, jewellery, and the minor arts. This course may be counted for credit towards an Art History Major.

**RESTRICTIONS:** May not be taken by students with credit in the former CLAS-2001(6).

**CLAS-2011(6) THE GENESIS OF WESTERN HUMANISM (Le3)**

This course is a study of the rise of humanistic thought in response to the needs and vicissitudes of life in the Graeco-Roman world. Primary source material in translation is used to obtain an understanding of the contribution made by various individuals: e.g., Protagoras, Socrates, Plato, Aristotle, Lucretius, Cicero, and Seneca.

**CROSS-LISTED:** Philosophy PHIL-2011(6).

**CLAS-2020(6) ATHENIAN LAW AND SOCIETY (Le3)**

This course examines the maintenance of law and order and the administration of justice in Classical Athens. Topics to be discussed include the growth of the legal system, the machinery for law enforcement, the judicial procedures, and the law as it related to family, property, and society. May be counted for credit towards a Criminal Justice Studies Major.

**CLAS-2050(3) EDUCATION IN THE ANCIENT WORLD (Le3)**

This course discusses the upbringing, socialization, and education of children and young adults in the Greek and Roman worlds. Stressing the evidence of the ancient sources, it deals with rituals of admission into the family and community, methods of socialization (naming practices, modelling, myth), and the development and nature of schools. The course pays particular attention to ideas and practices concerned with the development of children into adults.

**CLAS-2060(3) SPORT IN THE ANCIENT WORLD (Le3)**

This course examines the origin and historical development of sport in Greece and Rome, its religious and political implications, and the nature of events and contests. Particular attention is paid to intellectual and popular attitudes towards sport and the contribution made to Western Civilization in this area by Greece and Rome.

**CROSS-LISTED:** Kinesiology and Applied Health KIN-2060(3).

**CLAS-2070(6) WOMEN AND THE FAMILY IN GREECE AND ROME (Le3)**

This course is an introduction to the study of women and the family in the ancient Greek and Roman world. It is organized chronologically; classical Athens and Rome in the late Republic and early Empire draw special attention. Topics to be treated include women and the family in myth, kinship institutions, marriage, the family as an economic unit, relations within the family, women in law, politics, religion, sport, and literature.

**CLAS-2081(3) SITES OF THE ANCIENT GREEK AND ROMAN WORLD I (Le3)**

This course consists of one term of academic study in Winnipeg in preparation for its companion course, Sites of the Ancient Greek and Roman World II, to be undertaken normally in Greece or Italy. Specific content and focus of this course vary with the destination, but generally include instruction in the ancient history of the specific destination, the topography of the sites to be visited, and relevant readings of ancient sources in translation. Among other requirements, students are expected to undertake preliminary work for a site presentation to be mounted on location.

**CLAS-2082(3) SITES OF THE ANCIENT GREEK AND ROMAN WORLD II (LeV)**

This course follows up on Sites of the Ancient Greek and Roman World I, and consists of first-hand examination of museum collections and sites of the ancient world, normally in Greece and Italy. The destination and content of the course varies from year to year. As part of the requirements of the course, each student is expected to make a site presentation on location. Sites are chosen prior to leaving Winnipeg in consultation with the instructor.

**CLAS-2091(6) ANCIENT GREEK HISTORY (Le3)**

This course traces the history of Greece from 800 BCE until the rise of Macedon. Special emphasis is placed on the social, political and economic evolution of the Greek city-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, and their consequent vulnerability to external threats.

**CROSS-LISTED:** History HIST-2104(6).

**CLAS-2092(6) ALEXANDER THE GREAT AND THE HELLENISTIC WORLD (Le3)**

This course examines the career and achievement of Alexander the Great, the development of the Hellenistic world by the spread of Greek ideas and influences throughout the Middle East, and the subsequent history of that world as it succumbed to Rome. Also included is the study of the intellectual and scientific achievements of the age.

**CROSS-LISTED:** History HIST-2105(6).

**CLAS-2096(6) THE HISTORY OF ANCIENT ROME (Le3)**

Lectures trace the history of Rome from the legendary foundations of the city through to the reign of Constantine. Major events of the Republic and the first three centuries of the Empire are explored. Particular emphasis is placed upon the expansion of Rome's power throughout Italy and the Mediterranean, the forces which brought about the transformation of the Roman style of government from Monarchy to Republic to Empire, and the problems which attended these changes.

**CROSS-LISTED:** History HIST-2096(6).

**RESTRICTIONS:** Students may not receive credit in both the former CLAS-2094(6) or CLAS-2095(6) and CLAS-2096(6).

**CLAS-2100(6) INTERMEDIATE LATIN TEXTS (Le3)**

This course includes various selections from the field of Latin literature. Students are given assigned readings and may also do exercises in translation at sight.

**PREREQUISITES:** A minimum grade of B in CLAS-1101(3), Latin 40S or the former CLAS-1101(6).

**CLAS-2200(6) INTERMEDIATE GREEK TEXTS (Le3)**

This course includes various selections from the field of ancient Greek literature. Students study the more advanced forms, syntax and vocabulary as used by ancient authors. They may also do exercises in translation at sight.

**PREREQUISITES:** A minimum grade of B in CLAS-1201(3) or the former CLAS-1200(6).

**CLAS-2405(3) STAGING GREEK AND ROMAN DRAMA (Le3)**

This course focuses on the staging of Greek and Roman tragedy and comedy. Examination of the surviving texts of selected plays, the remains of ancient theatres, contemporary accounts of dramatic performance and relevant artwork leads to a recreation of an ancient theatrical experience with information on stage configuration, scenery, masks, costumes, properties, gestures, dance, song, mechanical devices and stage convention. In addition to their written work, students are expected to participate in demonstrations and performances in class.

**CROSS-LISTED:** Theatre and Film THFM-2405(3).

**CLAS-2701(6) CLASSICAL MYTHOLOGY (Le3)**

This course is designed to acquaint the student with myths found in Greek and Latin literature. Origins, functions, and interpretations of myths are examined. We also study myths

as story-plots. Selections in translation from Greek and Roman writers are used to illustrate myths about the origin of the universe; gods and heroes; sagas involving Thebes, Mycenae and Troy, and the national myths of Rome.

**RESTRICTIONS:** Students may not receive credit in both the former CLAS-2701(3) and CLAS-2701(6).

**CLAS-2703(3) MAGIC AND DIVINATION IN THE GREEK AND ROMAN WORLD (Le3)** Students are introduced to the issues surrounding unofficial, and sometimes unsanctioned, religious practices in ancient Greece and Rome. The modern problem of defining the term magic in contrast to religion, science, and philosophy in antiquity is considered as ancient examples of purportedly magical activity are discussed. Particular attention is given to social and political contexts in which such activity is identified. The history of legislation against such acts is also addressed.

**CLAS-2702(3) RELIGION IN GREECE AND ROME (Le3)** This course surveys the religious beliefs and practices of the Greeks and Romans. Topics to be discussed include the following: the worship of Olympian and Chthonic deities, oracles, orgiastic and mystery religions, Roman cults and rituals, Oriental religions, and the beginnings of Christianity.

**CLAS-2800(3) GREEK AND LATIN IN TODAY'S ENGLISH (Le3)** Of the 20,000 words in common use in English, about half have come from Latin, directly or through French. Greek, too, has made its contribution and continues to do so as the language of science expands. In addition to a thorough study of the formation of nouns, verbs, and adjectives from their Greek and Latin component parts, we examine the Greek script, principles of transliteration, medical and scientific Greek, words from Greek mythology and society, Roman numerals, legal Latin, abbreviations of Latin words in common use, Latin mottoes and proverbs, and unusual plural forms in English. No knowledge of Latin or Greek is required.

**CLAS-3006(3) TOPICS IN ANCIENT HISTORY (Le3)** This course explores fundamental issues, specific social institutions, key historical figures, vital events, important periods, and current directions in the study of ancient Greek and Roman history in greater detail than the history survey classes allow. The focus of study varies from year to year. Examples include Greek and Roman slavery, Perikles and the Athenian Empire, the myth of Alexander the Great, and comparative Greek and Roman historiography and biography. Emphasis is placed on the use of primary source material (in translation). Information concerning these course offerings is provided by the Department.  
**CROSS-LISTED:** History 3006(3).

**CLAS-3010(3) DIRECTED READINGS IN CLASSICAL STUDIES (D)** Students undertake directed readings under the supervision of a faculty member. Topic, focus, and readings are arranged on an individual basis, in consultation with the instructor. Written assignments, including a cumulative final project, are the basis of evaluation.

**CLAS-3100(6)/4100(6) POETRY OF THE REPUBLIC (Le3)** This course studies selections from the works of Plautus, Terence, Catullus, and Lucretius.  
**PREREQUISITE:** CLAS-2100(6).

**CLAS-3110(6)/4110(6) PROSE LITERATURE OF THE REPUBLIC AND AUGUSTAN AGE (Le3)** This course studies selections from the works of Cicero, Sallust, and Livy.  
**PREREQUISITE:** CLAS-2100(6).

**CLAS-3120(6)/4120(6) EPIC AND LYRIC POETRY OF THE AUGUSTAN AGE (Le3)** This course studies selections from the works of Virgil and Horace.  
**PREREQUISITE:** CLAS-2100(6).

**CLAS-3121(6)/4121(6) ELEGIAC POETRY OF THE AUGUSTAN AGE (Le3)** This course studies selections from the works of Propertius, Tibullus, and Ovid.  
**PREREQUISITE:** CLAS-2100(6).

**CLAS-3130(6)/4130(6) POETRY OF THE EMPIRE (Le3)** This course studies selections from the works of Seneca, Lucan, Martial, and Juvenal.  
**PREREQUISITE:** CLAS-2100(6).

**CLAS-3140(6)/4140(6) PROSE LITERATURE OF THE EMPIRE (Le3)** Selections from the works of Seneca, Petronius, Pliny, and Tacitus.  
**PREREQUISITE:** CLAS-2100(6).

**CLAS-3210(6)/4210(6) ARCHAIC GREEK POETRY (Le3)** Selections from the works of Homer, Hesiod, and other poets of the Archaic period.  
**PREREQUISITE:** CLAS-2200(6).

**CLAS-3211(3) CLASSICAL AND MEDIEVAL SCIENCE(Le3)** The first scientific experiments and calculations are studied in relation to their social, cultural, and intellectual contexts. Emphasis is given to the Greek and Roman schools as well as to the work of Euclid, Archimedes, and Ptolemy.  
**RESTRICTIONS:** Students may not receive credit in both the former CLAS-3903(3) and CLAS-3211(3).  
**CROSS-LISTED:** History HIST-3903(3).

**CLAS-3220(6)/4220(6) GREEK TRAGEDY AND COMEDY (Le3)** This course studies selections from the works of at least three of the following: Aeschylus, Sophocles, Euripides, Aristophanes, and Menander.  
**PREREQUISITE:** CLAS-2200(6).

**CLAS-3230(6)/4230(6) GREEK HISTORY AND PHILOSOPHY (Le3)** This course studies selections from the works of at least three of the following: Herodotus, Thucydides, Xenophon, Plato, and Aristotle.  
**PREREQUISITE:** CLAS-2200(6).

**CLAS-3240(6)/4240(6) GREEK ORATORY (Le3)** This course studies selections from the works of Lysias, Isocrates, Aeschines, and Demosthenes.  
**PREREQUISITE:** CLAS-2200(6).

**CLAS-3250(6)/4250(6) HELLENISTIC PROSE AND POETRY (Le3)** This course studies selections from the works of Greek writers of the Hellenistic period.  
**PREREQUISITE:** CLAS-2200(6).

**CLAS-3752(3) THE HISTORY OF GREEK LITERATURE (Le3)** This course examines the history of Greek literature from Homer to the Hellenistic age. Among the genres of literature to be studied are epic poetry, lyric poetry, tragedy, comedy, and the novel. Some works by the most significant authors (to be read in translation) are selected for detailed study and, in making the selection, consideration is given to the needs of those taking complementary courses in English literature.  
**RESTRICTIONS:** Students may not receive credit in both CLAS-3752(3) and the former CLAS-2712(3).  
**CROSS-LISTED:** English ENGL-3752(3).

**CLAS-3753(3) THE HISTORY OF LATIN LITERATURE (Le3)** This course examines the history of Latin literature from the earliest period until the later principate. While all genres of literature are identified, the works by the most significant authors (to be read in translation) are selected for detailed study. In making the selection, consideration is given to the needs of those taking complementary courses in English literature.  
**RESTRICTIONS:** Students may not receive credit in both CLAS-3753(3) and the former CLAS-2713(3).  
**CROSS-LISTED:** English ENGL-3753(3).

**CLAS-4400(6) THESIS (P)** To complete the Honours or 4-Year BA, each student must complete, in the final year, a program of research under the supervision of a member of the Department. Students wishing to enrol in this course must consult with the Department of Classics well in advance of registration to determine the thesis topic.

**PREREQUISITE:** Permission of Department.

# CONFLICT RESOLUTION STUDIES (CRS)

(OFFERED IN COOPERATION WITH MENNO SIMONS COLLEGE)

Updated Sept 4/09

**Note: The department/program code CRS replaces the former code 61. Students cannot hold credit in CRS-xxxx and the former 61.xxxx having the same course number (e.g., CRS-1200(6) and 61.1200(6)).**

**Coordinator: Assistant Professor N. Funk-Unrau;** Professor: D. Peachey; Associate Professors: P. Redekop, A. Snyder; Assistant Professors: J. Derksen, L. Edmund, R. McCutcheon, I. Muvingi; Instructors: S. Stobbe.

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

## INTRODUCTION

Conflict Resolution Studies (CRS) seeks to understand the nature and dynamics of human conflict, and to look at appropriate alternatives for dealing with conflict in ways which develop healthy relationships and prevent violence. Conflicts are analyzed from an interdisciplinary perspective together with topics such as violence, power, justice, peace, communication, culture, war, conflict transformation and dispute resolution. CRS prepares students to understand and interact constructively in response to personal, local and global conflict situations.

Conflict Resolution Studies is one of the two majors offered through Menno Simons College (MSC), an affiliated college of the University of Winnipeg. There is flexibility in this program to allow for double majors. All MSC students register as University of Winnipeg students. All degrees are University of Winnipeg degrees. For additional information about Menno Simons College, see Section XII.

## REQUIREMENTS FOR A 3-YEAR BA IN CONFLICT RESOLUTION STUDIES (CRS)

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours

Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours in Conflict Resolution Studies (CRS); Core courses (27 credit hours) and CRS Core or Area Courses (9 credit hours).

Double Major: Minimum 36 credit hours from CRS Core and Area Courses and a specified number of credit hours from the other major (may vary since some courses can be credited to both majors). CRS encourages students to consider a double major. All programs permit the selection of two majors. Students who declare the double major must meet the requirements of both majors.

Required courses:

<b>CRS-1200(6)</b>	Introduction to Conflict Resolution Studies	<b>CRS-3221(1.5)</b>	Mediation Skills Workshop*
<b>CRS-2210(3)</b>	Conflict Theory and Analysis		A further 6 credit hours from CRS Group I courses.
<b>CRS-2211(1.5)</b>	Conciliation Skills Workshop*		A further 6 credit hours from CRS Group II courses.
<b>CRS-3220(3)</b>	Models for Conflict Transformation*		Plus an additional 9 credit hours from CRS Core <b>OR</b> Area courses.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

**CRS-1200(6)** Introduction to Conflict Resolution Studies

**CRS-2210(3)** Conflict Theory and Analysis

**CRS-2211(1.5)** Conciliation Skills Workshop\*

**CRS-3220(3)** Models for Conflict Transformation\*

**CRS-3221(1.5)** Mediation Skills Workshop\*

## REQUIREMENTS FOR A 4-YEAR BA IN CONFLICT RESOLUTION STUDIES (CRS)

**ADMISSION REQUIREMENT** Minimum 30 credit hours completed previously.

**GRADUATION REQUIREMENT** 120 credit hours

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours in Conflict Resolution Studies (CRS)/Maximum 66 credit hours. Of these, a minimum of 6 credit hours must be at the 4000 level.  
Double Major: CRS encourages students to consider a double major. All programs permit the selection of two majors. Students who declare the double major must meet the requirements of both majors.  
Cognate: Minimum of 18 credit hours selected from CRS Area courses.  
**Note:** Three of these cognate credit hours must be selected from the following: **ANTH-4108(3)** Ethnographic Field and Research Methods, **POL-3224(3)** Research Project Design, **SOC-2126(3)** Introduction to Research Design and Qualitative Research or **CRS-3920(3)** Action Research Methods.

### Required courses

<b>CRS-1200(6)</b>	Introduction to Conflict Resolution Studies	<b>CRS-3221(1.5)</b>	Mediation Skills Workshop*
<b>CRS-2210(3)</b>	Conflict Theory and Analysis	<b>CRS-3299(3)</b>	Practicum in Conflict Resolution Studies*
<b>CRS-2211(1.5)</b>	Conciliation Skills Workshop*	<b>CRS-4200(3)</b>	Senior Seminar in CRS*
<b>CRS-3220(3)</b>	Models for Conflict Transformation*		A further 6 credit hours from CRS Group I Courses.
			A further 6 credit hours from CRS Group II Courses.

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

### Prescribed Courses:

<b>CRS-1200(6)</b>	Introduction to Conflict Resolution Studies*
<b>CRS-2210(3)</b>	Conflict Theory and Analysis
<b>CRS-2211(1.5)</b>	Conciliation Skills Workshop*
<b>CRS-3220(3)</b>	Models for Conflict Transformation*
<b>CRS-3221(1.5)</b>	Mediation Skills Workshop*
<b>CRS-4200(3)</b>	Senior Seminar in CRS

## GENERAL INFORMATION

### Prerequisites

Students are advised that certain courses in the program have prerequisites. Courses with prerequisites are marked with an asterisk.

### Practicum Opportunities:

Practicums enable students to develop skills and apply classroom theory to real-life situations. They require significant preparatory work and generally last from three to six months in either a local or an international setting. It is preferred that students taking part in an international practicum do so prior to their final courses. **Students must explore options with the Practicum Director well in advance of the term in which they propose to engage in these practicum activities.**

### Required Core Courses for Practicum:

<b>CRS-1200(6)</b>	Introduction to Conflict Resolution Studies
<b>CRS-2210(3)</b>	Conflict Theory and Analysis
<b>CRS-2211(1.5)</b>	Conciliation Skills Workshop*
<b>CRS-3220(3)</b>	Models for Conflict Transformation*
<b>CRS-3221(1.5)</b>	Mediation Skills Workshop*

## COURSE LISTINGS

### Core Courses

These courses have been developed by CRS faculty to address core areas of importance to the theoretical exploration of Conflict Resolution Studies. Introduction to Conflict Resolution Studies, Conflict Theory and Analysis, Models for Conflict Transformation and the Senior Seminar provide students with an overall framework for an understanding of the complexities of conflict in contemporary life, and span all categories. The Conciliation Skills and Mediation Skills Workshops provide a grounding in basic skills necessary for effective conflict resolution. The remaining Group I and Group II courses are organized in terms of interpersonal/organizational and community/global emphases.

CRS-1200(6)	Introduction to Conflict Resolution Studies
CRS-2210(3)	Conflict Theory and Analysis
CRS-2211(1.5)	Conciliation Skills Workshop*
CRS-3220(3)	Models for Conflict Transformation*

- CRS-3221(1.5) Mediation Skills Workshop\*  
 CRS-4200(3) Senior Seminar in Conflict Resolution Studies

### Group I Courses

#### Interpersonal/Organizational and Conflict Resolution Processes

These courses emphasize conflict and conflict resolution processes at the interpersonal/organizational levels.

- CRS-2221(3) Restorative Justice\*  
 CRS/EDUC-2232(3) Introduction to Conflict Resolution in Educational Settings\*  
 CRS-2241(3) Conflict and Culture\*  
 CRS/EDUC-2242(3) Methods of Conflict Resolution in Educational Settings\*  
 CRS-2251(3) Conflict in the Family I\*  
 CRS-2252(3) Conflict and Communication\*  
 CRS-2261(3) Conflict in the Family II\*  
 CRS-2271(3) Conflict Within Groups\*  
 CRS-2421(3) Legal Systems and Alternative Dispute Resolution\*  
 CRS-2431(3) Negotiation Theory and Practice\*  
 CRS-3231(3) Ethics in Conflict Resolution\*  
 CRS-3240(3) Workplace Conflict Resolution  
 CRS-3252(3) Advanced Study of Conflict Within Groups\*  
 CRS-3299(3) Practicum in Conflict Resolution Studies\*  
 CRS-4224(3) Transforming Intra Personal Conflict\*  
 CRS-4252(3) Advanced Studies in Mediation Practice\*

### Group II Courses

#### Community/Global

These courses emphasize conflict and conflict resolution processes at the community to global levels.

- HIST-2108(3) / Mennonite Studies I  
 MENN-2101(3)  
 MENN/HIST-3111(3) Conflict and Mennonites  
 CRS-2231(3) Violence and Nonviolence\*  
 IDS/CRS-2443(3) Conflict and Development Issues in Indigenous Communities\*  
 CRS-2262(3) Conflict, Faith and Communities\*\*  
 CRS/WGS-3242(3) Women and Peacemaking\*  
 CRS-3298(6) Practicum in Conflict Resolution Studies\*  
 CRS-3299(3) Practicum in Conflict Resolution  
 IDS/CRS-3901(3) Humanitarian Aid and Conflict: Do No Harm\*  
 CRS/IDS-3910(3) Peace Theory and Practice\*  
 IDS/CRS-3920(3) Action Research Methods\*  
 CRS-3931(3) Conflict Resolution and Human Rights  
 CRS-4910(3) Conflict and the Construction of the Other\*\*  
 IDS/CRS-4920(3) Program Planning, Monitoring and Evaluation\*  
 \*Requires prerequisite  
 \*\*Transfer from I/P

### CRS Area Courses

These courses are rooted in traditional disciplines as well as other interdisciplinary programs and address issues that are directly relevant to the CRS Program. We have organized discipline-based courses along the interpersonal to global continuum, including both theoretical and applied courses in each of these categories. We have added a category on research and language skills to emphasize academic preparation for graduate studies.

**Note:** Most courses from other departments and programs will have their own prerequisites. Courses requiring prerequisites are marked with an asterisk. It is the student's responsibility to determine what the prerequisites are.

**Note:** The Area Courses List is meant to be a list of courses complementary to the special interests of CRS students. Because curriculum offerings keep changing, and because students may have some specific interests not included in the Area Courses List, students may make application to the CRS Coordinator to consider some other courses relevant to their major interests for inclusion as Area Courses.

#### Interpersonal/Organizational Emphasis

- ANTH-2115(3) Anthropology of Language  
 ANTH-3115(3) Cross Cultural Child Development  
 BUS-2103(3) Organizational Behaviour\*  
 BUS-3110(3) Ethics in Management  
 CJ-2203(3) Institutional Corrections\*  
 CJ-3125(3) Crime Victims\*  
 PSYC-3050(3) Culture and Psychology  
 PSYC-3450(3) Organizational Leadership and Decision Making  
 PSYC-3470(3) Psychology and the Law\*  
 PSYC-3480(3) Interpersonal Communication\*  
 PSYC-3740(3) Intro to Family Processes\*  
 PSYC-4410(3) Research Seminar in Social Psychology\*  
 PSYC-4450(3) Advanced Organizational Psychology  
 REL-2304(3) Crises of Faith in the Twentieth Century  
 REL-2507(3) Sexuality and the Religious Context  
 REL-2513(3) Health, Healing and Spirituality  
 REL-3601(3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity  
 SOC-2103(6) Sociology of the Family\*  
 SOC-2115(6) Sociology of Socialization and Development\*  
 SOC-2118(6) Sex and Gender Relationships\*  
 SOC-2119(6) Sociology of Law\*  
 SOC-2307(3) Sociology of Youth\*  
 SOC-3128(3) Sociology of Sexuality  
 SOC-3201(3) Sociology of Juvenile Delinquency\*  
 SOC-3205(3) Sociology of Police and Law Enforcement\*  
 SOC-3207(3) Violent Crime and Criminals\*

#### Community/Global Emphasis

- ANTH-2160(3) Indigenous People and the Industrial

- CJ-3202(6) Punishment and Corrections in Canada\*  
 CJ-3203(3) Community Corrections\*  
 CJ-3500(3) Interpersonal Violence and Abuse  
 IDS-2521(3) Study of voluntary Simplicity\*  
 PHIL-2207(3) Philosophy of Law\*  
 PSYC-2410(3) Social Psychology II\*  
 PSYC-2450(3) Organizational Psychology II\*  
 ANTH-3160(3) Cultural Perspectives on Global Processes  
 CJ/SOC-3125(3) Crime Victims\*  
 CLAS-2020(6) Athenian Law and Society  
 CLAS-2701(6) Classical Mythology  
 CLAS-2702(3) Religion in Greece and Rome  
 ECON-2303(3) Labour Economics\*  
 ECON-2317(3) Environmental Economics\*  
 ENGL-3901(6) Twentieth-Century Gay and Lesbian Literature  
 GEOG-2408(3) Environmental Perception and Human Behaviour  
 HIST-2131(3) History of Peace and Nonviolence  
 HIST-2509(6) History of Native Peoples of Canada  
 HIST-3112(6) Militarism in the Modern World  
 HIST-3542(6) Gender, Class, and Ethnicity in Canadian History  
 HIST-4530(6) Advanced Studies in Canadian Social History  
 HIST-4570(6) Natives and Newcomers in Encounter: Selected Topics  
 IDS-2131(3) Rural Development\*  
 IDS-2110(3) Participatory Local Development\*  
 IDS/MENN-3150(3) Mennonite Community and Development\*  
 MENN/HIST-3108(3) Gender and Mennonites





will include anger, power, creative dimensions of conflict, and mediation. These will be examined from an interdisciplinary perspective.

**PREREQUISITES:** EDUC-1001(3) or EDUC-1801(3).

**RESTRICTIONS:** Students may not hold credit in both this course and CRS-1200(6) or the former MSC-2100(6).

**CROSS-LISTED:** Education EDUC-2232(3).

**CRS-2241(3) CONFLICT AND CULTURE (Le3)** The course will explore the relationship between culture and conflict, from an interdisciplinary perspective. This will include an examination of cultural differences in response to conflict, as well as the nature and origins of conflict between and among cultures, with special reference to the relationships between culture and alternatives in conflict resolution. Special attention will be given to inter-ethnic conflict in the modern world.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**CRS-2242(3) METHODS OF CONFLICT RESOLUTION IN EDUCATIONAL SETTINGS (Le3)** This course will provide practical applications of conflict resolution skills, for teaching conflict resolution and for the implementation of conflict management programs from elementary to secondary levels. Practical skills for conflict resolution in the classroom, in the home, in the peer group, and in staff relations will be developed. Areas of skill learning will include conflict mediation, listening skills, responding to anger and violence, and classroom management. A practicum component will be included to provide the opportunity to link theory to practice.

**PREREQUISITES:** CRS-2232(3) or EDUC-1001(3) or EDUC-1801(3) AND CRS-1200(6).

**CROSS-LISTED:** Education EDUC-2242(3).

**CRS-2251(3) CONFLICT IN THE FAMILY I (Le3)** This course is designed to help students understand how conflict develops and manifests itself within familial relationships. Students will study the nature of the family through the lens of a systemic perspective by examining family structure, communication patterns, and gender issues in relation to the family life cycle. Students will learn to differentiate between destructive and constructive conflict processes in the family. They will then progress to an understanding of how to transform antagonistic conflict into problem solving.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3) Selected Topics in CRS: Marriage, the Family and Conflict I.

**CRS-2252(3) CONFLICT AND COMMUNICATION (Le3)**

This course will provide some theoretical underpinnings of the dynamics of communication in interpersonal and small group conflict. Issues surrounding diversity will be examined in depth, specifically with respect to individual and cultural differences. Direct instruction will be provided in the analysis, development, and implementation of self-management and interpersonal communication skills to enhance healthy relationships and prevent dysfunctional conflict in daily life.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3) Selected Topics in CRS: Conflict and Communication.

**CRS-2261(3) CONFLICT IN THE FAMILY II (Le3)** Building upon the systemic family theory and the life cycle processes studied in Marriage, The Family and Conflict I, this course will closely examine specific family conflicts in marital relations, parents with younger children, parents with adolescents, single parents, step and blended families, and same-sex couples. Drawing from class discussion, the academic literature, and personal anecdotes, family relational conflict will be explored for both its deepening potential and its inhibiting power.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3). Selected Topics in CRS: Marriage, the Family and Conflict II.

**CRS-2262(3) CONFLICT, FAITH AND COMMUNITY (Le3)**

This course explores how conflict and conflict resolution are linked to personal faith and life in community. Students will first have the opportunity to investigate what is meant by "faith" and "community." Students will then explore how faith and community can shape their understanding of conflict and the practice of conflict resolution. Diverse views of conflict and faith developed by secular as well as various religious communities will be examined.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**CRS-2271(3) CONFLICT WITHIN GROUPS (Le3)** This course is designed to explore dyadic and group procedures to maintain harmony in relationships in various settings. It will use and build upon the same understanding of interpersonal conflict theories and practice as in the parallel course: Conflict and Communication. A personal style inventory tool which identifies individual and cultural differences will be interpreted and utilized.

Teaching/learning formats will include mini-lectures, small and large group work, written and behavioural rehearsal skill development exercises, practice at facilitating use of videotaping, and transcript analysis. Each student will have the opportunity to custom design some learning projects for him/herself.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3) Selected Topics in CRS: Conflict Within Groups.

**CRS-2281(3) SELECTED TOPICS IN CONFLICT RESOLUTION STUDIES (Le3)**

The course is designed to introduce students to the reality and complexity of conflict situations within a number of settings, for example, small and large communities, organizations, and families. The course has a strong applied component, presenting specific mediation problems through a case study approach.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**CRS-2421(3) LEGAL SYSTEMS AND ALTERNATIVE DISPUTE RESOLUTION (ADR)(Le3)**

This course compares and contrasts legal and alternative dispute resolution processes, with special reference to the relative benefits and detriments of each. It will also consider the possibilities for change in each process.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3) Selected Topics in CRS: Legal Systems and Alternative Dispute Resolution (ADR).

**CRS-2431(3) NEGOTIATION THEORY AND PRACTICE (Le3)**

This course will examine the theory and practice of negotiation, including topics such as negotiating skills, contextual factors, agreement implementation and follow-up, multilateral negotiation, and third party intervention.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3) Selected Topics in CRS: Negotiation and Practice.

**CRS-2443(3) CONFLICT AND DEVELOPMENT ISSUES IN INDIGENOUS COMMUNITIES (Le3)**

Within the broad frameworks of international development and conflict resolution studies, this course explores the dynamics of indigenous people globally, with special reference to the Canadian context. The course describes key elements of indigenous cultures and world views. It will examine inter- and intra-group conflict and conflict resolution processes involving indigenous communities. Processes of marginalization and underdevelopment will be presented in order to understand the indigenous communities' social, economic, and political situations. Strategies for community development and conflict resolution will be highlighted as means to achieve transformation.

**PREREQUISITES:** IDS-1100(6) or CRS-1200(6), or permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-2443(3).

**CRS-3220(3) MODELS FOR CONFLICT**

**TRANSFORMATION (Le3)** This course examines historical and contemporary models for nonviolent conflict transformation. Examples of conflicts will be analysed using models such as Adam Curle's "progression of conflict" model and John Burton's human needs theory.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**Co-REQUISITE:** CRS-3221(1.5)

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2103(3) or the former CRS-2220(3).

**CRS-3221(1.5) MEDIATION SKILLS WORKSHOP (AV1.5)**

This workshop focuses on the process and skills of interpersonal mediation. This is accomplished through small group interaction and participation in mediation simulations. Each mediation simulation group is coached by an experienced mediator. Students are exposed to a wide range of interpersonal conflict scenarios. This workshop is closely integrated with, and must be taken concurrently with, Models for Conflict Transformation (CRS-3220(3)).

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**COREQUISITE:** CRS-3220(3).

**CRS-3231(3) ETHICS IN CONFLICT RESOLUTION (Le3)**

This course will examine the ethical dimensions of conflict resolution. The first part of the course will focus on four ethical theories: Kantian, Consequentialism, Virtue and Principlism. The second part of the course will draw on specific issues in conflict resolution, especially with reference to the mediation process, such as neutrality, justice and confidentiality. This part of the course will include the analysis of case studies and codes of professional conduct.

**PREREQUISITE:** CRS-1200(6).

**CRS-3240(3) WORKPLACE CONFLICT RESOLUTION**

**(Le3)** This course will examine contemporary workplace issues, causes of workplace conflict and a variety of dispute and conflict resolution responses such as negotiation, conciliation, mediation, grievance procedures, and arbitration as well as tribunals such as labor relations boards and human rights commissions. Examination of approaches to conflict resolution in the workplace will include reference to such issues as violence, bullying, harassment, organizational culture, "constructive dismissal," and other workplace concerns.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**CRS-3242(3) WOMEN AND PEACEMAKING (Le3)**

This course addresses, from an interdisciplinary perspective, both theoretical and practical contributions that women have made to peacemaking in the modern world. It includes analysis of women's involvement in peace action, research, and education. Attention is given to the challenges that activists face in organizing around their identity as women, such as the challenge of building common ground among women with varied experiences and concerns.

**PREREQUISITES:** CRS-1200(6) or WGS-1232(6) or permission of instructor.

**CROSS-LISTED:** Women's and Gender Studies WGS-3242(3).

**CRS-3252(3) ADVANCED STUDY OF CONFLICT WITHIN**

**GROUPS (Le3)** This course will explore complex group conflict and appropriate models and strategies of intervention, via analyses of case studies. Students will have the opportunity to examine and develop specific procedures, techniques, and skills at an advanced level to facilitate proactive healthy group processes, and will work through dysfunctional group conflict. Intensive work in small groups and transcript analysis will be utilized.

**PREREQUISITES:** CRS-1200(6), CRS-2252(3) and CRS-2271(3) or permission of instructor.

**CRS-3262(3) CRITICAL ISSUES IN CONFLICT**

**RESOLUTION (Le3)** Using the perspectives of conflict resolution studies, this course examines issues of current social controversy as instances of social conflict, including the analysis of characteristics of conflict and directions for the field of conflict resolution. Specific issues examined will

vary from year to year, but may include such topics as native/aboriginal issues, alternative healing models, and issues of conflict and spirituality.

**PREREQUISITES:** CRS-1200(6) or permission of instructor.

**CRS-3292(6) DIRECTED READINGS IN CONFLICT**

**RESOLUTION STUDIES (D)** In this course, readings and assignments in the area of Conflict Resolution Studies will be arranged between an individual student and the instructor.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), CRS-3220(3) and a minimum of ONE course from the Core Courses section and permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former CRS-3101(6). This course is only available to students in their final year of classes and with a declared major in CRS.

**CRS-3293(3) DIRECTED READINGS IN CONFLICT**

**RESOLUTION STUDIES (D)** This course is designed for senior students with exceptional potential in the field of Conflict Resolution. All reading requirements in the course will be selected and directed by a specialist in this field.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), CRS-3220(3) and a minimum of ONE course from the Core Courses section and permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and CRS-3292(6).

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3), permission of Menno Simons College Practicum Director, AND a minimum cumulative grade point average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and CRS-3299(3). This is a limited enrollment course.

**CRS-3294(3) PRACTICUM IN CONFLICT RESOLUTION**

**STUDIES (AV)** This program is designed for students to integrate their academic learning in settings of supervised "field" experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.

**Note:** Students must complete both this course and CRS-3295(3) to fulfill their 6 credit hour Practicum requirement.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3), permission of Menno Simons College Practicum Director, AND a minimum cumulative grade point average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and CRS-3298(6). This is a limited enrollment course and is generally only available to students in overseas placements, or in designated local practicum placements.

**CRS-3295(3) PRACTICUM IN CONFLICT RESOLUTION**

**STUDIES (AV)** This program is designed for students to integrate their academic learning in settings of supervised "field" experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments.

**Note:** Students must complete both this course and CRS-3294(3) to fulfill their 6 credit hour Practicum requirement.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3), permission of Menno Simons College Practicum Director, AND a minimum cumulative grade point average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and CRS-3298(6). This is a limited enrollment course and is generally only available to students in overseas placements, or designated local practicum placements.

**CRS-3296(1.5) PRACTICUM IN CONFLICT RESOLUTION**

**STUDIES (AV)** This program is designed for students to integrate their academic learning in settings of supervised "field" experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict

and its resolution. Students integrate theory with practice through seminar participation, and academic assignments. **Note:** Students must complete both this course and CRS-3297(1.5) to fulfill their 3 credit hour Practicum requirement. **PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3), permission of Menno Simons College Practicum Director, AND a minimum cumulative grade point average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and CRS-3299(3). This is a limited enrollment course.

### **CRS-3297(1.5) PRACTICUM IN CONFLICT RESOLUTION STUDIES (AV)**

This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments. **Note:** Students must complete both this course and CRS-3296(1.5) to fulfill their 3 credit hour Practicum requirement.

### **CRS-3298(6) PRACTICUM IN CONFLICT RESOLUTION STUDIES (AV)**

This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments. **PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3), permission of Menno Simons College Practicum Director, AND a minimum cumulative grade point average of 2.75.

**RESTRICTIONS:** This is a limited enrollment course and is generally only available to students in overseas placements, or in designated local practicum placements.

### **CRS-3299(3) PRACTICUM IN CONFLICT RESOLUTION STUDIES (AV)**

This program is designed for students to integrate their academic learning in settings of supervised 'field' experiences. The practicum involves voluntary work with a relevant agency, exposing students to actual work settings where they can apply their insights about conflict and its resolution. Students integrate theory with practice through seminar participation, and academic assignments. **PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3), permission of Menno Simons College Practicum Director, AND a minimum cumulative grade point average of 2.75.

**RESTRICTIONS:** This is a limited enrolment course.

**CRS-3901(3) HUMANITARIAN AID AND CONFLICT: DO NO HARM (Le, S3)** The problems of providing humanitarian aid in complex emergencies, that is, where need is created in part by armed conflict, are the focus of this course. In such settings, both material aid and intervention have multiple impacts. This course addresses the nature of contemporary armed conflicts and the role they play in generating complex emergencies, the forms of humanitarian aid provided in complex emergencies, and debates about the effectiveness and appropriateness of different kinds of aid. Through analysis of aid's impact on the conflict and its effectiveness at meeting human needs, we explore models of humanitarian aid provision that minimize negative impacts. **PREREQUISITES:** CRS-3220(3) or IDS-2171(3) or permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-3901(3).

### **CRS-3910(3) PEACE THEORY AND PRACTICE (Le, S3)**

This course investigates theories of peace. Theories of war and the practice of warfare have been studied a great deal; theories of peace and the practice of peace have been studied less. The course begins with attempts to define peace—a task as difficult as that of defining war and conflict—by drawing on key studies by peace research scholars like Galtung, Reardon, and Elstain. The course is conducted in a modified seminar format (half the course in large group

format, the remainder utilizing small group problem-based learning).

**PREREQUISITES:** CRS-1200(6), IDS-1100(6) OR permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-3901(3).

### **CRS-3920(3) ACTION RESEARCH METHODS (Le1, S2)**

This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the field of international development studies. The course will emphasize activities that are necessary to prepare the student to conduct research in the field. Issues in data collection and in the context of field work will be discussed. The following are some of the topics and techniques that will be dealt within the course: planning for research, random sampling and surveys, participatory rural appraisal, interviewing techniques, life history analysis, conducting focus groups, integrating qualitative and quantitative method, and post-field work activities.

**PREREQUISITES:** CRS-1200(6), IDS-1100(6) OR permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-3920(3).

### **CRS-3931(3) CONFLICT RESOLUTION AND HUMAN RIGHTS (Le3)**

Human rights advocates and conflict resolution practitioners both aim to build peaceable societies based on just peace. They work on the same issues but despite considerable overlap in their work they often talk past each other. In the academy, they often do not talk at all. Rights advocates typically push the justice agenda while conflict resolution practitioners strive for transformation. This course systematically evaluates the tensions and parallels between the two fields and looks at the ways in which human rights and conflict resolution scholars and practitioners can interact in their approaches to the enhancement of human well being.

**PREREQUISITES:** CRS-1200(6), ) OR permission of instructor.

### **CRS-4200(3) SENIOR SEMINAR IN CONFLICT RESOLUTION STUDIES (S3)**

This course is intended to provide a broad overview of the field of Conflict Resolution Studies, emphasizing major theoretical themes (interests, debates, contentions, etc.), in the context of a collaborative seminar format. The course will attempt to demonstrate the unity in the field at all social levels, and the importance of general theories and practical approaches for addressing different types of social conflicts. Students will examine the construction and application of conflict resolution theory at interpersonal/organizational and community/global levels of analysis. They will investigate theoretical linkages between these levels of analysis and explore their implications for practical application contexts.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3) OR permission of instructor.

### **CRS-4224(3) INNER PEACE AND CONFLICT TRANSFORMATION (Le3)**

The course explores the nature of inner conflict, based on knowledge and skills developed through the study of interpersonal, inter-group, and other levels of conflict. Inner conflict is viewed not as a problem or failure but as a normal and natural aspect of human experience. Inner peace is defined as a state of balance or equilibrium between the present and the emergent self. Inner conflict transformation is seen to be an ongoing process of growth and change.

**PREREQUISITES:** CRS-1200(6) OR permission of instructor.

### **CRS-4252(3) ADVANCED STUDIES IN MEDIATION PRACTICE (Le3)**

The course provides an in-depth examination of contemporary developments and issues in the theory and practice of mediation as a method for conflict resolution. These will be examined in several different context where mediation is practiced, including such areas as victim-offender conflict, family and divorce, labour-management relations, environmental issues, conflict in schools, and international relations. In each case the examination will emphasize the social-structural

circumstances that influence the nature of mediation practice. The course will draw extensively on research findings and case-study materials relating to the contemporary practice of mediation.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), and CRS-3220(3) OR and permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2281(3) Selected Topics in CRS: Case Studies in Mediation or the former CRS-3241(3).

**CRS-4910(3) CONFLICT AND THE CONSTRUCTION OF THE OTHER (S3)**

This seminar addresses a central question raised in post-colonial theory about the way humans construct and maintain an understanding of the Other. We ask the question, "Have scholars found the idea of the Other useful as a synthesizing concept?" This problem-based, interdisciplinary seminar considers particular sites of struggle in cultural, social, and individual contexts. Finally, we ask about the implications of this inquiry for our cultural, social, and individual circumstances.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3), CRS-3220(3) or IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3) or permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-4910(3).

**CRS-4920(3) PROGRAM PLANNING, MONITORING, AND EVALUATION (Le2, S1)**

Planning, monitoring, and evaluation are essential phases in the process of intervention in both International Development and Conflict Resolution Studies. This fourth-year course introduces students to the theory and applications of fundamentals of program design and implementation. Participants will examine elements of the project cycle including planning approaches, indicators analysis, performance reporting and review, and impact assessment. The possible roles of mediators, donors, clients, and field workers will be considered. The course will explore the formal mechanisms of development agencies and the way in which they can change the shape of the program. The course will provide the skills necessary for conceptualizing and implementing international or domestic projects. It will also provide an opportunity for the comparison of initiatives in International Development or Conflict Resolution.

**PREREQUISITES:** CRS-1200(6), IDS-1100(6) or permission of instructor.

**CROSS-LISTED:** International Development Studies IDS 4920(3).

# CRIMINAL JUSTICE (CJ)

**Chair: Associate Professor: Michael Weinrath;** Assistant Professors: R. Jochelson, S. Kohm, M. Nimmo;  
Instructors: J. Franklin, J. Murray.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**Honours BA**

**Note: There is no 4-Year program**

## INTRODUCTION

The Criminal Justice Department concerns itself with crime, offenders, victims, the criminal justice system and other forms of social sanctions and controls. Our students become familiar with historical and contemporary explanations of crime, and the research literature on criminal justice agencies such as the police, the courts and corrections. Students are challenged to think critically about the key issues confronting the criminal justice system, the strengths and weaknesses of possible reforms, and the ethical dilemmas facing criminal justice practitioners.

Graduates may find career opportunities in policing and law enforcement, corrections or social welfare agencies. The program also provides a strong background for those who wish to pursue law. Students interested in graduate school are encouraged to consider the Criminal Justice Honours program.

## REQUIREMENTS FOR A 3-YEAR BA IN CRIMINAL JUSTICE

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 Credit hours.

### RESIDENCE REQUIREMENT

Degree: Minimum 30 hours.  
Major: Minimum 18 hours.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 Credit Hours in Humanities.  
Science: 6 Credit Hours in Science.  
Writing: 3 Credits in Academic Writing  
Maximum Introductory Courses: Students may take a maximum of 42 hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major Minimum 36 credit hours.  
Double Major Minimum 36 credit hours in Criminal Justice and a specified number of credits in second Major. Courses that are credited to the Criminal Justice Major may also be counted in the second major if they meet the requirements of the second major. Students are advised to consult with major advisor in the appropriate department with respect to course requirements in the second Major.

### Required Courses (Group A)

**CJ-1101(6)** Introduction to Criminal Justice  
**CJ-2101(3)** Criminal Justice Research Methods  
**CJ-2120(3)** Policing in Canada  
**CJ-2130(3)** Criminal Law  
**CJ-2203(3)** Institutional Corrections  
**CJ-3205(3)** Professional Ethics

Plus an additional 15 credits from Group B courses.

Students may meet the Criminal Justice Research Methods 90.2101(3), requirement by instead taking Sociology **SOC 2125(3)** & **SOC-2126(3)**; or Psychology **PSYC-2101(3)** & **PSYC-2102(3)**. Two courses must be completed in these other departments to meet the methods requirement.

Combined Major Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed Courses:  
**CJ-1101(6)** Introduction to Criminal Justice  
**CJ-2101(3)** Criminal Justice Research Methods  
**CJ-2120(3)** Policing in Canada  
**CJ-2130(3)** Criminal Law  
**CJ-2203(3)** Institutional Corrections

## REQUIREMENTS FOR AN HONOURS BA IN CRIMINAL JUSTICE

**ADMISSION REQUIREMENT** Entry into the program after completing a minimum of 30 credit hours. Entry, continuing and into graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses. The minimum GPA 2.5 GPA (C+) in all Non-

Honours Subjects will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

## GRADUATION REQUIREMENT

Minimum 120 credit hours

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours.  
Honours: Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum 9 must be taken at the 4000 level.  
Double Honours: Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum 9 must be taken at the 4000 level.

## GENERAL DEGREE REQUIREMENT

Humanities: 12 Credit Hours in Humanities.  
Science: 6 Credit Hours in Science.  
Writing: 3 Credits in Academic Writing  
Maximum Introductory Courses: Students may take a maximum of 42 hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## Honours Requirement

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject.  
Minimum 30 credit hours at the 3000/4000 level, of which 18 credit hours must be 4000-level Honours courses.  
Double Honours: Minimum 36 credit hours in each Honours subject.  
Minimum 24 credit hours at the 3000/4000-level in the Criminal Justice component of the double Honours, including a minimum of 15 hours at the 4000 level. For the requirements of the Honours subject, consult the department involved.

## Required courses Single Honours:

CJ-4100(6) Capstone Course in Criminal Justice  
CJ-4116(3) Program and Policy Evaluation  
CJ-4130(3) Advanced Criminal Law

## Other Courses:

CJ-3107(3) Criminal Justice and the Media  
CJ-3117(3) Crime Careers  
CJ-3121(3) Race Relations and the CJS  
CJ-3130(3) Criminal Procedure  
CJ-3201(3) Comparative Crime & CJ  
CJ-3204(3) Crime Prevention  
CJ-4105(3) Seminar in Youth and CJ  
CJ-4400(3) Selected Topics in CJ  
CJ-4800(6) Research Field Practicum

\*only a maximum of 12 credit hours are allowed in approved courses at the 3000 level.

## Courses from Other Departments

### Sociology\*

SOC-4116(3) Seminar on Quantitative Methods  
SOC-4126(3) Seminar on Qualitative Methods  
SOC-4406(6) Seminar in Crime, Law and Society

POL-4301(6) Administrative Theory  
POL-4305(3) Administrative Law  
POL-4501(3) Law and Politics of Social Change  
POL-4515(6) Inner City Seminar

### Politics\*

POL-4115(3) Seminar in International Law  
POL-4215(6) Seminar in Political Thought

### Psychology\*

PSYC-4100(6) Intermediate Research Design

\*Must have prerequisites for these courses, or permission of department/instructor.

## GENERAL INFORMATION

### Prerequisites

A minimum 2.0 overall GPA is required for acceptance to the Major Program. Certain courses listed as part of the Criminal Justice Major require prerequisites. Prior to registering for a course, students should carefully check the course description provided by the department in question and determine whether or not the course has a prerequisite. Students with an interest in the Criminal Justice major are encouraged to take Introduction to Criminal Justice and Introduction to Sociology during their first year.

## COURSE LISTINGS

### Core Courses

The Criminal Justice curriculum is arranged so that students will get a strong grounding in police, courts and corrections, as well as theory and methods. The first two years of the program are organized around these core areas, and comprise the Group A offerings. Third year offerings are integrated with other Departments and provide considerable flexibility for students who wish to specialize in courses related to policing, courts or corrections, criminology, sociology, psychology, or other disciplines.

### Group A

CJ-1101(6) Introduction to Criminal Justice  
CJ-2101(3) Criminal Justice Research Methods  
CJ-2120(3) Policing in Canada  
CJ-2130(3) Criminal Law

CJ-2203(3) Institutional Corrections  
CJ-3205(3) Professional Ethics

### Group B

**Criminal Justice**

CJ-3107(3)	Criminal Justice and the Media	CRS-2421(3)	Legal Systems and Alt. Dispute Resolution
CJ-3117(3)	Crime Careers		
CJ-3121(3)	Race Relations and the Criminal Justice System	<b>Anthropology</b>	
CJ-3125(3)	Crime Victims	ANTH-2103(3)	Ethnography of Native Peoples of Canada
CJ-3130(3)	Criminal Procedure	ANTH-2304(3)	Introduction to Forensic Science
CJ-3201(3)	Comparative Crime and Criminal Justice		
CJ-3203(3)	Community Corrections	<b>Classics</b>	
CJ-3204(3)	Crime Prevention	CLAS-2202(6)	Athenian Law and Society
CJ-3500(3)	Interpersonal Violence and Abuse		
CJ-4100(6)	Capstone Course in Criminal Justice	<b>History</b>	
CJ-4105(3)	Seminar in Youth and the Criminal Justice System	HIST-2509(6)	History of Aboriginal Peoples of Canada
		HIST-3553(6)	History of Crime and Punishment
CJ-4116(3)	Program and Policy Evaluation		
CJ-4130(3)	Advanced Criminal Law	<b>Philosophy</b>	
CJ-4400(3)	Selected Topics in Criminal Justice	PHIL-2207(3)	Philosophy of Law
CJ-4800(6)	Criminal Justice Research Field Practicum		
		<b>Politics</b>	
<b>Sociology</b>		POL-2440(6)	Introduction to the Legal Process
SOC-2105(3)	Race, Ethnic & Aboriginal Relations	POL-3428(6)	Introduction to the Canadian Legal System
SOC-2107(3)	Criminological Theory		
SOC-2108(3)	Social Regulation	POL-2400(6)	Canadian Politics
SOC-2119(6)	Sociology of Law	POL-2450(6)	Human Rights & Civil Liberties in Canada
SOC-2125(3)	Intro to Quantitative Research Methods	POL-3426(3)	Aboriginal People and Law I
SOC-2126(3)	Intro to Qualitative Research Methods	POL-3427(3)	Aboriginal People and Law II
SOC-3201(3)	Sociology of Youth Justice	POL-3429(3)	Women and Law
SOC-3203(3)	Theories of Penalty		
SOC-3205(3)	Policing, Governance and Security	<b>Psychology</b>	
SOC-3208(3)	Women, Crime and Social Justice	PSYC-2101(3)	Introduction to Data Analysis
SOC-4800(6)	Research Methods Field Placement	PSYC-2102(3)	Introduction to Research Design
		PSYC-2400(3)	Social Psychology I
<b>Kinesiology &amp; Applied Health</b>		PSYC-2410(3)	Social Psychology II
KIN-2202(3)	Prevention and Care of Sport Injuries	PSYC-2920(3)	Drugs and Behaviour
		PSYC-3470(3)	Psychology and the Law
		<b>Religious Studies</b>	
<b>Conflict Resolution</b>		REL-2801(3)	Aboriginal Spirituality
CRS-2221(3)	Restorative Justice	REL-2802(3)	Aboriginal Spirituality II
CRS-2231(3)	Violence and Non-Violence		

## Example of a three year degree program in Criminal Justice

With a bit of planning, a student will be able to plan a progressive education that will also take advantage of the liberal arts offering available at the University of Winnipeg. The following is a possible route for students; however it is to be considered only as an example; individual programs may differ substantially once core courses are completed. The proposed program example below actually exceeds the required 36 hours. \*Indicates core courses.

<u>Year 1</u>		(6) Humanities Requirement:
CJ-1101(6)	Int Criminal Justice*	CLAS-2020(6) Athenian Law or
	(6) Science Requirement	HIST-2509(6) History of Aboriginal Peoples or other
	(6) Humanities Requirement	Humanities courses.
POL-1101(6)	Int Politics or	Total 30 hours
PSYC-1000(6)	Int Psychology	
SOC-1101(6)	Int Sociology	<u>Year 3</u>
Total 30 hours		CJ-3102(3)
		CJ-3107(3)
<u>Year 2</u>		CJ-3130(3)
CJ-2101(3)	CJ Research Methods*	CJ-3201(3)
SOC-2107(3)	Criminological Theory	CJ-3203(3)
CJ-2203(3)	Inst Corrections*	CJ-3205(3)
CJ-2120(3)	Policing in Canada*	CRS-2221(3)
CJ-2130(3)	Criminal Law*	PSYC-3470(3)
ANTH-2304(3)	Forensics	SOC-3201(3)
		SOC-3125(3)
		Total 30 hours

## COURSE DESCRIPTIONS

### CJ-1101(6) INTRODUCTION TO CRIMINAL JUSTICE

(Le3) Surveys the contemporary criminal justice system from the initial contact with the offender through prosecution, disposition, incarceration, and release to the community. Emphasis is on the role of the police, prosecution, courts and corrections, as well as their policies and practices relative to the offender. Legal, empirical, sociological materials will be covered.

### CJ-2101(3) CRIMINAL JUSTICE RESEARCH METHODS

(Le3, La2) A study of the principles, data sources and research methods appropriate for criminal justice research. Topics include research design, sampling scaling, questionnaire construction, survey research and qualitative methodology.

**PREREQUISITES:** CJ-1101(6).

**RESTRICTIONS:** Must have declared major in Criminal Justice or Sociology, or permission of the Instructor. Students may not hold credit for both this course and CJ-3101(3).

**CJ-2120(3) POLICING IN CANADA (Le3)** This course examines the historical development of policing in Canada, as well as the organization and operation of contemporary Canadian policing. Key areas of focus include the Charter of Rights and freedoms and police powers, the use of force, accountability, corruption, police administration and the political dimension of police work.

**PREREQUISITES:** CJ-1101(6).

**RESTRICTIONS:** Must have declared major in Criminal Justice or Sociology, or permission of the Instructor.

**CJ-2130(3) CRIMINAL LAW (Le3)** This course introduces students to the nature, purpose, scope, sources and basic principles of the criminal law. The course covers certain fundamental legal concepts such as *mens rea*, negligence and strict liability, and the analysis of the concept of criminal responsibility in Canada. Students engage in a critical examination of the legislative policies expressed in the Criminal Code, as well as an examination of the legal principles relating to certain specific crimes and to certain major defences. The course also considers the impact of the Canadian Charter of Rights and Freedoms on the criminal law.

**PREREQUISITES:** CJ-1101(6).

**RESTRICTIONS:** Must have declared major in Criminal Justice or Sociology, or permission of the Instructor.

**CJ-2203(3) INSTITUTIONAL CORRECTIONS (Le3)** This course offers an introduction to the theories of punishment and the rise of incarceration in the Western world during the 19th and 20th century. Specific attention is given to the use of correctional institutions in Canada, and current programs and practices.

**PREREQUISITES:** CJ-1101(6). Students may not hold credit for both this course and CJ-3202(6).

**RESTRICTIONS:** Must have declared major in Criminal Justice or Sociology, or permission of the Instructor.

**CJ-3107(3) CRIMINAL JUSTICE AND THE MEDIA (Le3)**

This course critically examines the depiction of the criminal justice system in the media, including television, film, print and the Internet. Key research findings and theoretical approaches to studying criminal justice in the media are discussed. Implications for policy, public opinion and the operation of the agencies of the criminal justice system are examined.

**PREREQUISITES:** CJ-1101(6).

**CJ-3117(3) CRIME CAREERS (Le3)** This course will examine a selection of criminal careers, focusing on a variety of dimensions. Specifically, criminal careers will be examined with respect to degree, frequency and progression of criminal involvement; seriousness of the offence, public reaction to the offence; legal responses and criminal processing. The types of crimes to be examined include conventional crime (such as theft or vandalism), violent crime, political crime, organized crime, occupational crime and professional crime.

**PREREQUISITES:** CJ-1101(6)

**RESTRICTIONS:** Students may not hold credit for both this course and CJ-2102(3).

**CJ-3121(3) RACE RELATIONS AND THE CRIMINAL JUSTICE SYSTEM (Le3)**

This course examines the relationships among racial and ethnic minorities and the criminal justice system. The over-representation of minorities, such as Aboriginals, in the criminal justice system in Canada and other nations will be assessed using contemporary theoretical perspectives on discrimination, inequality and exclusion. The policy implications of problems such as racial profiling at the police, court and corrections levels will be examined.

**PREREQUISITES:** CJ-1101(6).

**CJ-3125(3) CRIME VICTIMS (Le3)** This course focuses on the dynamics of victimization in society and its consequences. Major theoretical perspectives on victimization patterns are examined, addressing issues of gender, race and class, and social institutions such as the family, school, and the criminal justice system. Students will become familiar with socio-demographic profiles of crime victims. Victim's rights, effects of victimization (including revictimization in the media) and victim attitudes towards the justice system will also be discussed.

**PREREQUISITES:** CJ-1101(6)

**CJ-3130(3) CRIMINAL PROCEDURE (Le3)** This course surveys critical legal issues in the Canadian criminal procedure with an emphasis placed on investigation. The course considers the relevant Criminal Code sections, constitutional provisions, common law rules and recent case law as they relate to the powers of search and seizure, electronic surveillance, charging, arrest and detention, interrogation, and an accused's right to counsel and silence. The course analyzes what constitutional, common law and statutory remedies an accused can seek when evidence is obtained improperly or there has been abuse of police or prosecutorial powers. Students are introduced to the fundamentals of other pre-trial phenomena including bail.

**PREREQUISITES:** CJ-1101(6), CJ-2130(3)

**CJ-3201(3) COMPARATIVE CRIME AND CRIMINAL JUSTICE (Le3)**

This course examines crime and criminal justice in cross cultural and cross national perspective. Specific attention is given to the history, development and current operation of criminal justice systems within socialist, civil, common and Islamic legal traditions. Specific topics for comparative examination include criminal law, policing, courts, corrections and youth justice. Current issues in trans-national crime are examined.

**PREREQUISITES:** CJ-1101(6).

**RESTRICTIONS:** Students may not hold credit for both this course and CJ-2201(3).

**CJ-3203(3) COMMUNITY CORRECTIONS (Le3)**

This course focuses on theories of community and the use of community based interventions in the Western world. Specific attention is given to community based correctional programs in Canada and current practices in probation, parole and conditional sentencing.

**PREREQUISITES:** CJ-2203(3).

**RESTRICTIONS:** Must have declared major in Criminal Justice or Sociology, or permission of the Instructor. Students may not hold credit for both this course and CJ-3202(6).

**CJ-3204(3) CRIME PREVENTION (Le3)** This course explores the history and development of perspectives on crime and crime prevention and critically examines the theoretical approaches within the field. The course also focuses on contemporary spatial perspectives on crime prevention. Perspectives from disciplines such as geography, criminology, city planning and architecture are used to analyze the relationship between crime, fear and space. Specific situational and physical environmental strategies of crime prevention are discussed.

**PREREQUISITES:** CJ-1101(6).

**CJ-3205(3) PROFESSIONAL ETHICS IN CRIMINAL JUSTICE (Le3)**

This course focuses on understanding and dealing with ethical issues that arise in the criminal justice system. Different theoretical perspectives will be used to explore the social and organizational process that lead to corruption and abuse of power, systemic discrimination, and illegal behaviour by criminal justice practitioners. The use of case studies will provide a realistic picture not only of what ethical questions arise in the criminal justice system, but also of how sound moral decisions are made in response to them.

**PREREQUISITES:** CJ-1101(6).

**CJ-3500(3) INTERPERSONAL VIOLENCE AND ABUSE**

This course examines the nature and extent of various manifestations of interpersonal violence. Specific types of interpersonal violence covered will include child abuse and



neglect, child sexual violence, spousal abuse, elder abuse, date rape and other forms of intimate sexual and physical violence. This course includes a comprehensive examination of theoretical perspectives regarding the nature and origins of interpersonal violence as well as a critical examination of the effectiveness of the mental health, child welfare, and criminal justice systems approach to interpersonal violence prevention, intervention and policy.

**PREREQUISITES:** CJ-1101(6).

#### **CJ-4100(6) CAPSTONE COURSE IN CRIMINAL JUSTICE**

**(Le3)** This course provides an overview of the academic study of criminal justice. The course traces the intellectual history of the discipline and evaluates key issues and debates in its theoretical and philosophical development. Broader questions about the nature and scope of justice and criminal justice are also explored. The course orients students to the major areas of advanced criminal justice inquiry including criminal justice theory; law and the course process; policing; and punishment and corrections.

**PREREQUISITES:** CJ-1101(6).

**RESTRICTIONS:** Criminal Justice Majors.

#### **CJ-4105(3) SEMINAR IN YOUTH AND THE CRIMINAL**

**JUSTICE (Le3)** This course provides a critical examination of systemic problems and policy issues in youth justice. The course evaluates the effectiveness of current criminal justice legal reforms, interventions, treatment programs, and policies aimed at youth. Specific topics include public discourse on youth crime and justice, the social construction of adolescents involved with the youth justice system, the interface of corollary systems of child welfare and mental health, the administration of youth justice systems and a comparative analysis of the policy choices made in developing frameworks for responding to youth justice.

**PREREQUISITES:** CJ-1101(6).

#### **CJ-4116(3) PROGRAM AND POLICY EVALUATION (Le3,**

**La1)** This course examines methodologies for the formal assessment of social programs using quantitative and qualitative methods of inquiry including survey, interview, observation and case study techniques. The political and social processes framing evaluation research are also discussed. The course requires a student project to apply lessons learned.

**PREREQUISITES:** CJ-2101(3) or permission of the instructor.

**CJ-4130(3) ADVANCED CRIMINAL LAW (Le3)** This course examines Canadian criminal law in depth with a particular emphasis on the constitutional issues affecting the disposition of the criminal trial. In addition, complex substantive areas are also surveyed. The course focuses on conceptually advanced criminal law areas including inchoate offences, advanced issues in defences, sexual offences, public order offences, offences against the state and against the administration of justice, and offences pertaining to group responsibility. Students are introduced to the fundamentals of legal research and reasoning through course assignments.

**PREREQUISITES:** CJ-2130(3) or permission of the instructor.

#### **CJ-4400(3) SELECTED TOPICS IN CRIMINAL JUSTICE**

**(Le3)** This course studies specific topics in Criminal Justice at an advanced level. Students should consult the department regarding potential offerings in a given year.

**PREREQUISITES:** CJ-1101(6), CJ-2101(3) or permission of Instructor.

This course may be taken more than once so long as the topic changes

**CJ-4800(6) RESEARCH FIELD PRACTICUM (PV)** This is an applied course to give students the opportunity for field-based learning. In this course, students work to facilitate the research needs of selected community groups or organizations. Students will do most of their work on-site with an organization or group. Students are expected to apply their skills in research design, project management and data analysis to fulfill the placement requirements.

**PREREQUISITES:** CJ-1101(6), CJ-2101(3) or permission of the Instructor.

# DEVELOPMENTAL STUDIES (DEV)

**Note: The department/program code DEV replaces the former code 86. Students cannot hold credit in DEV-xxxx and the former 86.xxxx having the same course number (e.g., DEV-2004(3) and 86.2004(3)).**

**Director: Professor E. Polyzoi;** Instructors: L. Atkinson, D. Mayer, G. Robertson, Janet Simpson, Harold Sosnowicz; Academic Advisor: Suzanne Martin.

DEGREES/PROGRAMS OFFERED

**3-Year BA**

## INTRODUCTION

Developmental Studies is a distinct field that draws on the integration of the perspectives and methods of many disciplines to provide a coherent analysis of the biological, environmental, and social factors that influence both individual and group development. As such, it has specific relevance to a growing number of occupations and professions, notably child care, gerontology, and family studies.

The Developmental Studies Program is an Interdisciplinary Major which differs from a regular Major program in that it is composed of offerings from several different departments. The program includes courses from the Departments of Anthropology, Biology, Chemistry, Conflict Resolution Studies, English, Geography, History, Kinesiology and Applied Health, Mathematics, Philosophy, Politics, Psychology, Sociology, and Statistics. As a student of Developmental Studies, one may choose to pursue one of three streams; Stream A: Individual Human Development, Stream B: Comparative Biological Development, or Stream C: Child Development and Child Care.

Students who major in Developmental Studies (Stream A or C) may qualify for employment in government positions or in institutions dealing with early childhood services. For those interested in pursuing this field, graduate work prepares them for research, administration, and university teaching.

All majors are required to select courses from various groups as indicated below, depending on the stream selected. In addition, students wishing to orient their Program towards specific educational goals are advised to contact the Co-ordinator or Advisor of Developmental Studies early in their Program for appropriate course selection for both the major Program and electives.

## REQUIREMENTS FOR A 3-YEAR BA IN DEVELOPMENTAL STUDIES

**ADMISSION REQUIREMENT** Students must meet regular status or mature status admission requirements. In addition, students applying to Stream C must be accepted into the program. The Stream C Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

**Note:** Stream C students entering with a 2-year ECE diploma receive advanced standing for 30 credit hours toward a BA. These 30 credit hours are deemed to be at the 1000 level. Therefore, these students may complete an additional 12 credit hours at the 1000 level within the 60 credit hours that they must complete to fulfill the requirements for a BA.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30-45 credit hours (depending on Stream selected) from four different Departments.  
Double Major: Minimum 30-45 credit hours in Developmental Studies (depending on Stream selected) and a specified number of credit hours in the other Major. (This may vary, depending on Interdisciplinary courses completed, as they may be credited to both Majors.)

Required courses: Students must establish their Major Program of study in one of three streams: Stream A: Individual Human Development; Stream B: Comparative Biological Development; Stream C: Child Development and Child Care. Students are advised to consult the Department listings for course descriptions and the appropriate timetable (available from the Records Office) for courses to be offered during the current term. They are also advised to check any prerequisites required for courses they wish to take, and to consult with the Co-ordinator or an Advisor in planning their program of studies.

## GENERAL INFORMATION

### Prerequisites

All students in Developmental Studies (Stream A, B, or C) will receive a waiver of **SOC-1101(6)** Introductory Sociology **ONLY** for SOC-2115(6) Sociology of Socialization and Development. Students who wish to take other Sociology courses must complete the Introductory course prerequisite or seek a waiver from the Sociology Department.

Applicants who hold a 2-year ECE diploma from either Red River College (RRC) or Collège Universitaire de Saint-Boniface (CUSB) will receive a waiver for **PSYC-1000(6)** Introductory Psychology and **PSYC-2200(3)** Developmental Psychology I: Fundamentals.

Often a course will list a prerequisite or indicate permission of instructor. Applicants interested in such courses should contact the instructor to discuss their qualifications. If the instructor feels the applicant has the background necessary for the course, a prerequisite waiver will be issued and the applicant may register for the course.

### Advanced Internship Requirements

All students in Stream C will be required to participate in an advanced internship in their selected area of specialization: (a) Inclusion **OR** (b) Child Care Administration. The goals of the internship are to provide students with opportunities to integrate theoretical learning with practical experience and will focus on emerging leadership skills.

The internship will involve the equivalent of two days a week to be spent on-site at a designated internship setting in the final term of the program. Under special circumstances, the student may elect to complete the internship over a four-week block of time (equivalent of 20 full days) after consultation with and approval by the instructor. Students will be required to develop a major project that provides a focused learning experience in their internship placement. A Topics course will be taught in conjunction with the advanced internship where students will have an opportunity to exchange perspectives on a broad range of issues relating to their respective fields. Students will gain information and skills through in-class discussions and presentations, student reporting of experiences gained through their internship placements, as well as through individual research and readings.

## PROGRAM REQUIREMENTS

### STREAM A

#### INDIVIDUAL HUMAN DEVELOPMENT

PSYC-2200(3) Developmental Psychology I: Fundamentals  
SOC-2115(6) Sociology of Socialization and Development  
- selection of courses from the following four groups, as indicated below  
TOTAL: 30 to 33 credit hours

#### GROUP 1:

##### DEVELOPMENT OF INDIVIDUAL FUNCTIONS

##### (MINIMUM OF 6 CREDIT HOURS)

BIOL-3562(6) Human Reproductive Biology	PSYC-3200(3) Developmental Psychology II: Childhood
DEV-3001(3) Applied Child Development	PSYC-3220(3) Adult Psychology
KIN-2203(3) Growth and Development Through Physical Activity	PSYC-3230(3) Adolescent Psychology
KIN-2206(3) Movement Education	PSYC-3480(3) Interpersonal Communication
KIN-2207(3) Physical Growth and Motor Development	SOC-2201(3) Sociology of Aging
KIN-3208(3) Physical Activity and Aging	SOC-2202(3) Changing Patterns of Aging
PSYC-2620(3) Psycholinguistics	SOC-2307(3) Sociology of Youth

**Note:** Students wishing to take advanced study in a specialized area of child development may also select from the following optional courses, provided that all the necessary prerequisites are met (consult course descriptions):

PSYC-4200(3) Topics in Developmental Psychology  
PSYC-4250(3) Cognitive Development  
PSYC-4260(3) Prenatal and Infant Development  
SOC-4410(6) The Life Cycle: Middle and Later Years

**Note:** The majority of courses in the above listing have very limited enrolment; therefore, early registration is essential.

#### GROUP 2:

##### VARIATIONS IN INDIVIDUAL FUNCTIONING

##### (MINIMUM OF 6 CREDIT HOURS)

CRS-1200(6) Introduction to Conflict Resolution Studies	SOC-2107(3) Criminology Theory
DEV-3300(3) Speech and Language Disorders in Children	SOC-2108(3) Social Regulation
ENV-2604(3) Environment and Health	SOC-3201(3) Sociology of Youth Justice
PSYC-3710(3) Abnormal Behaviour in Children and Adolescents	SOC-3210(6) Sociology of Mental Illness
PSYC-3740(3) Introduction to Family Processes	SOC-4406(6) Seminar in Sociology of Law & Criminology

#### GROUP 3:

##### METHODS OF CRITICAL INVESTIGATION

##### (3 TO 6 CREDIT HOURS)

ACS-1453(3) Introduction to Computers	SOC-2126(3) Introduction to Research Design and Qualitative Research
PHIL-2252(3) Philosophy of the Social Sciences	STAT-1201(6) Introduction to Statistical Analysis
PSYC-2101(3) Introduction to Data Analysis	
PSYC-2102(3) Introduction to Research Methods	
SOC-2125(3) Introduction to Quantitative Research Methods	

**GROUP 4:  
SOCIAL CONTEXT OF DEVELOPMENT  
(MINIMUM 6 CREDIT HOURS)**

ANTH-2300(3)	Method and Theory in Biological Anthropology	ENGL-2114(3)	Fairy Tales and Culture
ANTH-3120(3)	Aboriginal peoples of Arctic Canada	ENGL-2115(3)	Fiction for Children
ANTH-4105(6)	Aboriginals and Newcomers in Encounter: Selected Topics	ENGL-2116(3)	Canadian Children's Literatures and Cultures
CLAS-2070(6)	Women and Family in Greece and Rome	FREN-2681(3)	Children's Literature of French Canada
DEV-2004(3)	Observation and Evaluation Techniques in Child Care Settings	GEOG-2407(3)	Recreation Geography
DEV-3100(3)	The Child, Family and Social Policy	SOC-2103(6)	Sociology of the Family
DEV-3400(3)	Parents, Families & Professionals in Child Care	SOC-2109(3)	Social Policy and Social Welfare
ENGL-2003(3)	The Field of Children's Literature	SOC-2118(6)	Sex and Gender Relationships
ENGL-2113(3)	Picture Books for Children	SOC-2202(3)	Changing Patterns of Aging

**Note:** Students may also select from the following optional courses, provided that all the necessary prerequisites are met (consult course description):

GEOG-4407(3) Advanced Tourism and Recreation Geography

PSYC-4240(3) Social Development

SOC-4412(6) Seminar in Sociology of the Family

Individuals wishing to work in applied settings should consider taking electives from the following courses. These courses are **NOT** part of Group 4.

KIN-2101(3) Program Planning in Sport

KIN-2206(3) Movement Education

PSYC-3720(3) Behaviour Modification

THFM-3502(6) Drama in Education

**Note:**

1. Students are advised to take **PSYC-1000(6)** Introductory Psychology, **PSYC-2200(3)** Developmental Psychology I: Fundamentals and **SOC-2115(6)** Sociology of Socialization and Development early in their Program. **SOC-1101(6)** Introduction to Sociology is not required as a prerequisite for **SOC-2115(6)** and **SOC-2109(3)**.

2. Students who have completed a 2-year diploma from either RRC or CUSB in Early Childhood Education, and who wish to major in Developmental Studies (Stream A) will receive 30 credit hours of advanced standing. These students require 60 credit hours of additional coursework approved at UW to obtain a 3-year BA in Developmental Studies. The 60 credit hours of coursework must include the Humanities Requirement (12 credit hours), the Science Requirement (6 credit hours), and the 36 to 39 credit hours required in the Developmental Studies Major, Stream A (see above). Students may take a maximum of 12 credit hours below the 2000 level toward the degree.

3. Students with a 2-year diploma from RRC or CUSB receive a waiver of Introductory Psychology (**PSYC-1000(6)**) and Developmental Psychology I: Fundamentals (**PSYC-2200(3)**). They are also exempt from the Writing Requirement, as long as they have received transfer credit for more than 24 credit hours.

**STREAM B  
COMPARATIVE BIOLOGICAL DEVELOPMENT**

ANTH-3308(3)	Human Evolution	<b>One of:</b>	
BIOL-1115(3)	Cells and Cellular Processes	BIOL-2301(3)	Genetics
BIOL-1116(3)	Evolution, Ecology and Biodiversity	PSYC-3830(3)	Genes, Evolution and Behaviour
BIOL-2111(6)	Comparative Chordate Zoology	<b>One of:</b>	
PSYC-2200(3)	Developmental Psychology I: Fundamentals	PHIL-2234(3)	Philosophy of Nature
SOC-2115(6)	Sociology of Socialization and Development	PHIL-2251(3)	Philosophy of the Natural Sciences
Selection of courses from the following groups:		6 credit hours from Group 1: Facets of the Evolution of Organisms, as indicated below	
<b>One of:</b>		3 to 6 credit hours from Group 2: Methods of Critical Investigation, as indicated below.	
ANTH-3302(3)	Primate Adaptation, Biology, and Evolution	TOTAL:	42 or 45 credit hours
ANTH-3309(3)	Primate Behaviour		

**GROUP 1:  
FACETS OF THE EVOLUTION OF ORGANISMS  
(6 CREDIT HOURS)**

BIOL-3410(3)	Freshwater Ecology	CHEM-2801(3)	Chemistry and Society
BIOL-3471(3)	Forest Ecology	CHEM-3502(3)	Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules
BIOL-3562(6)	Human Reproductive Biology	CHEM-3503(3)	Intermediate Biochemistry II: Intermediary Metabolism
BIOL-3602(3)	Comparative Animal Physiology I	CHEM-3601(3)	Environmental Chemistry
BIOL-3603(3)	Comparative Animal Physiology II	PSYC-2900(3)	Physiological Psychology I
BIOL-3902(3)	Microbial Ecology	PSYC-3900(3)	Physiological Psychology II
BIOL-4402(3)	Seminars in Ecology	PSYC-4900(3)	Topics in Physiological Psychology
CHEM-2202(3)	Organic Chemistry I		
CHEM-2203(3)	Organic Chemistry II		
CHEM-2501(3)	Principles of Biochemistry		

**GROUP 2:  
METHODS OF CRITICAL INVESTIGATION  
(3 TO 6 CREDIT HOURS)**

PSYC-2101(3) Introduction to Data Analysis	SOC-2126(3) Introduction to Research Design and Qualitative Research
PSYC-2102(3) Introduction to Research Methods	STAT-1201(6) Introduction to Statistical Analysis
SOC-2125(3) Introduction to Quantitative Research Methods	

**STREAM C  
CHILD DEVELOPMENT AND CHILD CARE  
INTRODUCTION**

**Red River College (RRC)**

Stream C is an expansion of a long-standing joint program between the University of Winnipeg (UW) and Red River College (RRC). By combining the resources of both institutions, students are able to earn both RRC's 2-year diploma in Early Childhood Education (ECE) and UW's 3-year BA in Developmental Studies in a 4-year period of full-time study. Stream C is a professional program particularly designed for those who wish to pursue the area of early childhood development, and who seek classification as an Early Childhood Educator III under the regulations of Manitoba Family Services and Housing. For more information regarding RRC's program, contact Jan Botting, Student Records Officer, at 632-2328.

**Collège Universitaire de Saint-Boniface (CUSB)**

Beginning 2003-2004, graduates of the 2-Year ECE program from CUSB will also receive 30 credit hours of advanced standing towards a BA in Developmental Studies. The University of Winnipeg now recognizes the CUSB and RRC programs as equivalent. For more information regarding CUSB's program, contact Eveline Garard, Coordinator of the ECE Program, at 233-0210, Ext. 478.

**Articulation with the Advanced Diploma in Leadership in Early Childhood Care and Education Program (ECCE) through the UW Division of Continuing Education (DCE)**

The new Advanced Diploma in Leadership in Early Childhood Care and Education is a leadership development program targeted towards childcare professionals who already have experience in the childcare field, e.g., childcare directors, educators, advocates, policy analysts, trainers and supervisors. This advanced diploma provides a unique combination of courses from the DCE Professional Studies Program Area and Developmental Studies, Stream C. The Advanced Diploma includes the following DEV courses: DEV-3100(3) The Child, Family and Social Policy, DEV-3410(3) Topics in Child Care Systems, and DEV-3430(3) Advanced Internship in Childcare Administration.

**Application Procedures**

Students must apply for the Advanced Diploma in Leadership in ECCE through the Division of Continuing Education and at the same time complete an application for admission to the Faculty of Arts and Science (only one admission fee will be charged). Original documentation must accompany the applications for admission. For more information, consult the UW DCE Calendar, Professional Studies, Part-time Program ([www.dce.uwinnipeg.ca](http://www.dce.uwinnipeg.ca)) or call 982-6633 and request an Information Handbook or contact Ashlie Wilson at 982-1179, [a.wilson@uwinnipeg.ca](mailto:a.wilson@uwinnipeg.ca).

Students admitted to the Advanced Diploma in Leadership in ECCE must complete the DCE courses prior to registering for the three Arts degree credit courses and obtain permission from academic advisor, Barbara Read. Students who have completed the DCE courses and are ready to register for the degree credit courses should contact Barbara Read a minimum of 3-6 months prior to the degree course start date to initiate the Faculty of Arts admission and registration process. Please refer to the Advanced Diploma in Leadership in Early Childhood Care and Education Information Handbook.

Students receive a waiver of the pre-requisite, (PSYC-2200(3)) Developmental Psychology I, only for DEV-3100(3) The Child, Family and Social Policy. Students receive a waiver of the pre-requisites listed in the course descriptions for DEV-3410(3) Topics in Leadership in ECCE-Child Care Systems and DEV-3430(3) Advanced Internship in Child Care Administration.

**Contact Information**

**Division of Continuing Education (DCE):**

Director of Professional Studies Program	Kim Loeb	982-1169	<a href="mailto:k.loeb@uwinnipeg.ca">k.loeb@uwinnipeg.ca</a>
Professional Studies Coordinator/Part-Time Students	Ashlie Wilson	982-1179	<a href="mailto:a.wilson@uwinnipeg.ca">a.wilson@uwinnipeg.ca</a>

**Faculty of Arts:**

Coordinator of Developmental Studies	Dr. Louesa Polyzoi	786-9841	<a href="mailto:l.polyzoi@uwinnipeg.ca">l.polyzoi@uwinnipeg.ca</a>
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**Student Services:**

Coordinator of PLAR and Adult Learner Services	Barbara Read	786-9767	<a href="mailto:b.read@uwinnipeg.ca">b.read@uwinnipeg.ca</a>
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**Prior Learning Assessment Recognition (PLAR)**

PLAR is an educational initiative that allows those with extensive experience in the childcare field to obtain credit for equivalent university-level knowledge and skills gained outside the classroom. PLAR uses valid, rigorous assessment methods which ensure that learning worthy of credit has taken place. For more information, consult the UW Calendar ([adultlearner.uwinnipeg.ca](http://adultlearner.uwinnipeg.ca)) or contact Barb Read at 786-9767 or [b.read@uwinnipeg.ca](mailto:b.read@uwinnipeg.ca).

**Specific Opportunities for Graduates of Stream C**

Graduates of Stream C may find employment in a variety of governmental and non-governmental agencies dealing with early childhood services or human service-oriented professions. Positions include childcare centre personnel, supervisors, directors, and caregivers. Graduates may also find work as family home visitors functioning as family and community support facilitators, child-life therapists, or staff specializing in programs for the developmentally delayed and other children with special needs.

**ENTRANCE REQUIREMENTS**

Applicants may enter Stream C through one of two routes:

**CATEGORY A:** With a diploma in Early Childhood Education from RRC, CUSB, or an equivalent diploma from another college, **or**

**CATEGORY B:** Directly from high school

**All** students wishing to enter Stream C must first make formal application for admission to the UW, and then be selected for entry into the Child

Development and Child Care program. Space is restricted in this stream. The selection process will be competitively based on academic and professional qualifications, experience, and areas of interest.

#### PROGRAM OF STUDIES

##### **CATEGORY A: Applicants Holding a Two-Year Early Childhood Education Diploma from RRC/CUSB**

Students holding a two-year Diploma in Early Childhood Education from RRC/CUSB (or equivalent) must complete an additional 2 years of study at UW. Students will receive 30 credit hours of advanced standing from the ECE Diploma, and will require an additional 60 credit hours of approved courses at UW to obtain a 3-year BA in Developmental Studies. These 60 credit hours will include a Core Year, a Specialization Year, 12 credit hours of Humanities courses, and 6 credit hours of Science courses. Students in Category A will be exempt from the writing requirement, provided that they receive transfer credit for a minimum of 24 credit hours. However, the resources of the Academic Writing Centre are highly recommended to students who are less confident of their skills. Upon successful completion of the program, students may apply to the Manitoba Child Care Program (Manitoba Family Services and Housing) for Early Childhood Educator III classification.

The program of studies will consist of:

YEARS 1 & 2 Two-Year Diploma in Early Childhood Education at RRC/CUSB  
YEAR 3 Core Courses, UW, Stream C  
YEAR 4 Specialization Courses, UW, Stream C

##### **CATEGORY B: Applicants Entering Directly from High School or Transferring from Another Faculty/Program**

Students entering Stream C directly from high school must take 90 credit hours to complete a BA. Students complete their first two years at UW (general Arts and Science year and Core Year). The UW core requirements are equivalent to the first year of the RRC/CUSB two-year ECE Diploma program. Prior to entering the third year of the program, students will complete a Spring Practicum at RRC/CUSB. During the third year, students will attend RRC/CUSB and complete the requirements for the second year of the two-year ECE Diploma program at RRC/CUSB. In the fourth year of the program, students will return to UW for the Stream C Specialization Year. Upon successful completion of the joint program, students will be awarded both RRC's/CUSB's two-year Early Childhood Education Diploma, and UW's 3-year BA degree, and may apply to the Manitoba Child Care Program (Manitoba Family Services and Housing) for Early Childhood Educator III classification.

The program of studies will consist of:

YEAR 1 Thirty credit hours of introductory UW courses with **PSYC-1000(6)** Introductory Psychology highly recommended

\*YEAR 2 Stream C Core Courses at UW and Practicum #2 at RRC in the Spring prior to Year 3

YEAR 3 Courses at RRC/CUSB (Year 2 of the two-year ECE program)

YEAR 4 Stream C Specialization Courses at UW

\*For more information, contact Jane Botting, Student Records Officer, RRC, at 632-2328. Students who plan to enrol in the RRC, ECE Diploma Program should apply by January, 2008 to the RRC Enrolment Services Department.

#### COURSE REQUIREMENTS

##### CATEGORY A

##### **For Applicants Holding a Two-Year Early Childhood Education Diploma from RRC/CUSB**

##### **CORE COURSES (24 CREDIT HOURS)**

CRS-1200(6) Introduction to Conflict Resolution Studies

SOC-2115(6) Sociology of Socialization and Development

Three credit hours of Human Development courses selected from:

DEV-3001(3) Applied Child Development

DEV-2004(3) Observation & Evaluation Techniques in Child Care Settings

DEV-3100(3) The Child, Family and Social Policy

DEV-3400(3) Parents, Families and Professionals in Child Care

PSYC-3200(3) Developmental Psychology II: Childhood

**Note:** Students entering with a two-year ECE diploma from RRC will receive a waiver of **PSYC-1000(6)** Introductory Psychology and **PSYC-2200(3)** Developmental Psychology I: Fundamentals. Students will also receive a waiver of **SOC-1101(6)** Introduction to Sociology ONLY for **SOC-2115(6)** Sociology of Socialization and Development. Category A students may be exempt from the Writing Requirement, as long as they receive transfer credit for more than 24 credit hours. Students selecting the Child Care Administration specialization should take **BUS-1201(3)** Introduction to Business I and **BUS-1202(3)** Introduction to Business II in their first year.

##### **SPECIALIZATION COURSES**

##### **(15 CREDIT HOURS)**

Students must select a specialization in either (a) Inclusion OR (b) Child Care Administration.

##### INCLUSION

##### **REQUIRED COURSES (15 CREDIT HOURS)**

DEV-3300(3) Speech and Language Disorders in Children

EDUC-4408(3) Issues with At-risk Children and Youth

DEV-3610(3) Topics in Leadership in ECE

PSYC-3710(3) Abnormal Behaviour in Children and

DEV-3630(3) Advanced Internship

Adolescents

EDUC-4406(3) Programming for Special Needs or

EDUC-4407(3) Enrichment and Talent Development or

##### ELECTIVES

Students are ENCOURAGED to select electives from the following list of courses:

CRS-2252(3) Conflict and Communication

PSYC-2620(3) Psycholinguistics

CRS-2281(3) Selected Topics in Conflict Resolution Studies

SOC-1003(3) Introduction to Disability Studies I

KIN-3103(3) Adapted Physical Activity

SOC-2108(3) Social Regulation

**CHILD CARE ADMINISTRATION  
REQUIRED COURSES (15 CREDIT HOURS)**

BUS-1201(3)	Introduction to Business I	DEV-3610(3)	Topics in Leadership in ECE
BUS-1202(3)	Introduction to Business II	DEV-3630(3)	Advanced Internship
BUS-2440(3)	Introduction to Human Resource Management		

**ELECTIVES**

Students are ENCOURAGED to select their electives from the following list of courses:

ACS-1453(3)	Introduction to Computers	PSYC-2440(3)	Organizational Psychology I
BUS-2002(3)	Fundamentals of Financial Accounting	PSYC-2450(3)	Organizational Psychology II
BUS-2103(3)	Organizational Behaviour	PSYC-3450(3)	Organizational Leadership and Decision Making
BUS-3110(3)	Ethics in Management		
BUS-3250(3)	Not-for-Profit Management	PSYC-3480(3)	Interpersonal Communication
BUS-3440(3)	Contemporary Human Resource Issues	REL-2802(3)	Aboriginal Spirituality and Christian Encounter
IDS-4920(3)	Program Planning, Monitoring and Evaluation	RHET-2313(3)	Professional Style and Editing
KIN-2101(3)	Program Planning in Sport	SOC-2109(3)	Social Policy and Social Welfare
POL-2305(3)	Public Administration: Micro	SOC-2204(3)	Occupations and Professions
POL-2310(3)	Public Administration: Macro	SOC-3120(3)	Organizations and Bureaucracy
POL-3300(3)	Public Policy Processes	SOC-3301(3)	Family & Work: Current Issues
POL-3320(3)	Women and the Law		
POL-3411(3)	Aboriginal People and the Law I		
POL-3415(3)	Aboriginal People and the Law II		

**REQUIRED UW HUMANITIES COURSES  
(12 CREDIT HOURS)**

Students must fulfill 12 credit hours of Humanities courses, as described in *Degree and Major Requirements*.

**Category B  
For Applicants Entering Directly from High School  
Core Courses (27 credit hours)**

CRS-1200(6)	Introduction to Conflict Resolution Studies
SOC-2115(6)	Sociology of Socialization and Development
Six credit hours of Human Development courses selected from;	
PSYC-2200(3)	Developmental Psychology I: Fundamentals
PSYC-3200(3)	Developmental Psychology II: Childhood
DEV-3001(3)	Applied Child Development
DEV-2004(3)	Observation & Evaluation Techniques in Child Care Settings
DEV-3100(3)	The Child, Family and Social Policy
DEV-3400(3)	Parents, Families and Professionals in Child Care

**Note:** Students entering from High School are advised to take any first year Biology course, **PSYC-1000(6)** Introductory Psychology, Academic Writing (if required) and Humanities electives in the first year of their program. They will also receive a waiver of **SOC-1101(6)** Introduction to Sociology ONLY for **SOC-2115(6)** Sociology of Socialization and Development. Students specializing in Child Care Administration should also take **BUS-1201(3)** Introduction to Business I and **BUS-1202(3)** Introduction to Business II by the second year of their program.

**SPECIALIZATION COURSES (15 CREDIT HOURS)**

Students may select a specialization in either (a) Inclusion or (b) Child Care Administration.

**INCLUSION  
REQUIRED COURSES (15 CREDIT HOURS)**

DEV-3300(3)	Speech and Language Disorders in Children	EDUC-4408(3)	Issues with At-risk Children and Youth
DEV-3610(3)	Topics in Leadership in ECE	PSYC-3710(3)	Abnormal Behaviour in Children and Adolescent
DEV-3630(3)	Advanced Internship		
EDUC-4406(3)	Programming for Special Needs <u>or</u>		
EDUC-4407(3)	Enrichment and Talent Development <u>or</u>		

**ELECTIVES**

Students are ENCOURAGED to select electives from the following list of courses;

CRS-2252(3)	Conflict and Communication	PSYC-2620(3)	Psycholinguistics
CRS-2281(3)	Selected Topics in Conflict Resolution Studies	SOC-1003(3)	Introduction to Disability Studies I
KIN-3103(3)	Adapted Physical Activity	SOC-2108(3)	Social Regulation

**CHILD CARE ADMINISTRATION  
REQUIRED COURSES (15 CREDIT HOURS)**

BUS-1201(3)	Introduction to Business I	DEV-3610(3)	Topics in Leadership in ECE
BUS-1202(3)	Introduction to Business II	DEV-3630(3)	Advanced Internship
BUS-2440(3)	Introduction to Human Resource Management		

## ELECTIVES

Students are ENCOURAGED to select their electives from the following list of courses;

ACS-1453(3)	Introduction to Computers	PSYC-2440(3)	Organizational Psychology I
BUS-2002(3)	Fundamentals of Financial Accounting	PSYC-2450(3)	Organizational Psychology II
BUS-2103(3)	Organizational Behaviour	PSYC-3450(3)	Organizational Leadership and Decision Making
BUS-3110(3)	Ethics in Management		
BUS-3250(3)	Not-for-Profit Management	PSYC-3480(3)	Interpersonal Communication
BUS-3440(3)	Contemporary Human Resource	REL-2802(3)	Aboriginal Spirituality and Christian Encounter
IDS-4920(3)	Program Planning, Monitoring and Evaluation	RHET-2313(3)	Professional Style and Editing
KIN-2101(3)	Program Planning in Sport Issues	SOC-2109(3)	Social Policy and Social Welfare
POL-2305(3)	Public Administration: Micro	SOC-2204(3)	Occupations and Professions
POL-2310(3)	Public Administration: Macro	SOC-3120(3)	Organizations and Bureaucracy
POL-3300(3)	Public Policy Processes	SOC-3301(3)	Family & Work: Current Issues
POL-3320(3)	Women and the Law		
POL-3411(3)	Aboriginal People and the Law I		
POL-3415(3)	Aboriginal People and the Law II		

## COURSE LISTINGS

DEV-2004(3)	Observation and Evaluation Techniques in Child Care Settings	DEV-3500(3)	Independent Study
DEV-3001(3)	Applied Child Development	DEV-3600(3)	Special Topics in Developmental Studies
DEV-3100(3)	The Child, Family and Social Policy	DEV-3610(3)	Topics in Leadership in Early Childhood Education
DEV-3300(3)	Speech and Language Disorders in Children	DEV-3630(3)	Advanced Internship
DEV-3400(3)	Parents, Families & Professionals in Child Care		

## COURSE DESCRIPTIONS

**DEV-2004(3) OBSERVATION AND EVALUATION TECHNIQUES IN CHILD CARE SETTINGS (Le3)** This course provides a theoretical and practical examination of the principles of systematic observation and evaluation in child care settings. The focus is on studying and implementing different observational strategies ranging from anecdotal reports to event sampling methods. Practical activities and projects will provide opportunities to acquire new techniques for observing, recording, and analyzing children's behaviours, and to make valid inferences. Based on observations in selected child care settings, students will complete assignments designed to help them build skills as reflective practitioners, program evaluators, facilitators of children's learning, and providers of a healthy and safe environment.

**PREREQUISITES:** PSYC-2200(3) Developmental Psychology I: Fundamentals or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for this course and the former EDUC-2004(3).

**DEV-3001(3) APPLIED CHILD DEVELOPMENT (Le3,LaV)** This course focuses on the application of theory and research in child development. The course primarily covers theories and research relating to developmental periods before adolescence and discusses implications of these for the practitioner, parent, and professional working with both normally developing and special needs children.

**PREREQUISITES:** PSYC-2200(3) or permission of instructor.

**DEV-3100(3) THE CHILD, FAMILY AND SOCIAL POLICY (Le3)** This course is designed to sensitize students to the social policy and legal dimensions of child development. It addresses the current political climate surrounding the adequacy of child care as well as selected issues concerning the law and the rights of children. Possible topics include current social policy and provision of child care services; law, divorce and the rights of children with diverse needs; and issues related to adoption and foster parenting. Knowledge of effective advocacy and children's rights enable students to participate in the policy process and explore issues in

the current childcare policy agenda.

**PREREQUISITES:** PSYC-2200(3) or permission of instructor.

**DEV-3300(3) SPEECH AND LANGUAGE DISORDERS IN CHILDREN (Le3,LaV)** This course is designed to introduce students to the field of communication disorders in children. It will provide an overview of professional issues. Possible topics include (a) identification of different types of communication disorders, (b) procedures in the evaluation and treatment of these disorders, and (c) practical experiences in clinical report writing and record keeping.

**PREREQUISITES:** PSYC-2200(3) and EDUC-4406(3) or permission of instructor.

**DEV-3400(3) PARENTS, FAMILIES & PROFESSIONALS IN CHILD CARE (Le3)** This course will consider theory and practice in establishing and maintaining productive relationships with parents, families, and professionals in the child care setting. Topics will include methods of effective communication; responsibilities to parents, families, and professionals; and the relationship between child care settings and community resources.

**PREREQUISITES:** Permission of instructor.

**DEV-3500(3) INDEPENDENT STUDY (D)** Readings in a particular topic in child care will be arranged between an individual student and an instructor. Where appropriate, a practicum may also be included as part of this course.

**PREREQUISITES:** Written permission of Instructor and Director of Developmental Studies.

**DEV-3600(3) SPECIAL TOPICS IN DEVELOPMENTAL STUDIES (Le3)** The course examines relevant issues and developments in Developmental Studies. Course content varies from year to year. The topic of each course is available to students prior to registration. Students are allowed to repeat the course if topics vary.

**RESTRICTIONS:** Approval of Department. Course can be taken up



to maximum of two times.

**DEV-3610(3) TOPICS IN LEADERSHIP IN EARLY CHILDHOOD EDUCATION (S3)** The course provides an opportunity for currently enrolled interning students to understand and to integrate core concepts such as mentoring, team building, strategic planning, advocacy, communication, and inclusion of children with diverse needs, as they explore management and leadership issues in childcare systems. Students acquire information and skills through in-class discussions and presentations, reporting on experiences gained through their concurrent internship placement, and individual research and reading.

**PREREQUISITES:** Departmental Permission

**COREQUISITES:** DEV-3630(3)

**RESTRICTIONS:** Students with standing in DEV-3310(3) or DEV 3410(3) may not receive credit for DEV-3610(3).

**DEV-3630(3)ADVANCED INTERNSHIP (A,S1)** The course provides advanced field experience in the administration of childcare centres and leadership in the early childhood community. Students learn skills within such topics as childcare licensing requirements, programs and policy planning, personnel management, budgeting, the inclusion of children with special needs, and developing and implementing individualized programs. Students develop a major project in their selected area of specialization that provides a focused learning experience in their placement.

**PREREQUISITES:** Departmental permission.

**COREQUISITES:** DEV-3610(3)

**RESTRICTIONS:** Students with standing in DEV-3330(3) or DEV-3430(3) may not receive credit for DEV-3630(3).

# ECONOMICS (ECON)

**Note: The department/program code ECON replaces the former code 14. Students cannot hold credit in ECON-xxxx and the former 14.xxxx having the same course number (e.g., ECON-1102(3) and 14.1102(3)).**

**Chair:** Professor P. Cyrenne; **Professors:** S. Abizadeh, M. Benarroch, X-Y. Dong, H. Grant; Assistant Professors: S. Baksi, G. Dragan, M. O’Gorman, M. Pandey, J. Townsend.

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

Honours BA

## INTRODUCTION

Economics is the social science which explores that part of human activity directed towards the satisfaction of human wants--the act of choosing from unlimited personal wants those which can be met with the limited resources available in the world. It studies the issues that arise out of the mixture of competition and cooperation among individuals, private organizations, and governments in satisfying these wants. In recent years, economics has been particularly concerned with analysis of the major economic problems of unemployment, inflation, and the distribution of wealth; with environmental issues; and with the alternative public and private policy responses.

The undergraduate study of Economics is directed towards the goal of a liberal arts education. Students study the historical, institutional, and theoretical background of modern economics from a Canadian perspective. This provides an analytical framework for making more informed judgements about current economic policies. One may obtain the Economics Major through the 3-Year BA, the 4-Year BA or the BA Honours degree program. Some of the courses offered are recommended for Interdisciplinary programs, and it is common for other Social Science Departments to require or recommend certain Economics courses.

A BA degree in Economics will lead naturally to employment in business, financial services, government, and international organizations. Graduate level studies lead to university teaching positions, independent consultancies, and research. The BA in Economics is highly recommended for students planning to go into law, accounting, or business schools.

## REQUIREMENTS FOR A 3-YEAR BA IN ECONOMICS

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours.  
Double Major: 36 credit hours in Economics and specified number of credit hours in the other department/program.

#### Required courses:

Minimum 2.0 GPA (C) required in the Introductory course(s):  
**ECON-1102(3)** Introduction to Economics: Micro, AND **ECON-1103(3)** Introduction to Economics: Macro  
**ECON-2101(3)** Intermediate Economics: Micro  
**ECON-2102(3)** Intermediate Economics: Macro  
Minimum 12 credit hours at the 3000 level.  
**MATH-1102(3)** Basic Calculus OR **MATH-1101(6)** Introduction to Calculus  
**STAT-1201(6)** Introduction to Statistical Analysis.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

#### Prescribed courses:

**ECON-1102(3)** Introduction to Economics: Micro  
**ECON-1103(3)** Introduction to Economics: Macro  
**ECON-2101(3)** Intermediate Economics: Micro  
**ECON-2102(3)** Intermediate Economics: Macro  
6 credit hours at the 3000 level Economics

Students in the General program who are entering the third year of studies with a minimum 3.0 GPA (B) in all Economics courses may be permitted to register in a maximum of 2 (two) 4000-level courses with approval of the Department Chair. A 4000-level course may be substituted for a 3000-level requirement.

Students who have already completed 6 credit hours in Introductory Statistics (STAT-1201(6) or the former STAT-1301(6)) may not use the former **ECON-2202(3)** Statistical Analysis in Economics as credit towards any major in Economics; these students need to take additional Economics course(s) in order to meet the minimum Major requirement. Students wishing to pursue an Honours degree in Economics are advised to complete **MATH-1101(6)** and **STAT-1201(6)** in their first year of study. These students are advised to complete **ECON-2201(3)** Introduction to Mathematical Economics in their second year of study.

## REQUIREMENTS FOR THE 4-YEAR BA IN ECONOMICS

<b>ADMISSION REQUIREMENT</b>	Students must consult with the department advisor in planning their course of study. Minimum 30 credit hours completed previously.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Social Sciences:	12 credit hours in Social Sciences
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours and specified number of credit hours in the other department/program.
Double Major:	48 credit hours in each Major subject as specified by the department/program.
Cognate:	Minimum 18 credit hours/Maximum 36 credit hours of ancillary courses. Maximum Major and Cognate Courses: 84 credit hours combined.
Required courses:	Minimum 2.0 GPA (C) required in the Introductory course(s): <b>ECON-1102(3)</b> Introduction to Economics: Micro, AND <b>ECON-1103(3)</b> Introduction to Economics: Macro <b>ECON-2101(3)</b> Intermediate Economics: Micro <b>ECON-2102(3)</b> Intermediate Economics: Macro <b>ECON-2201(3)</b> Introduction to Mathematical Economics <b>ECON-3104(3)</b> Modern Microeconomics for Economics and Business Minimum 24 credit hours at the 3000 level or 4000 level. <b>MATH-1102(3)</b> Basic Calculus OR <b>MATH-1101(6)</b> Introduction to Calculus. <b>STAT-1201(6)</b> Introduction to Statistical Analysis
Combined Major:	Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	<b>ECON-1102(3)</b> Introduction to Economics: Micro <b>ECON-1103(3)</b> Introduction to Economics: Macro <b>ECON-2101(3)</b> Intermediate Economics: Micro <b>ECON-2102(3)</b> Intermediate Economics: Macro 6 credit hours of 3000 level Economics
	Students with a minimum 3.0 GPA (B) in Economics courses may be permitted to substitute a maximum of 18 credit hours of 4000-level courses for 3000-level courses with approval of the Department Chair.

## REQUIREMENTS FOR THE HONOURS BA IN ECONOMICS

<b>ADMISSION REQUIREMENT</b>	Students are advised to consult with the Department Chair/Honours Advisor in planning their program. Entry into the program after completing a minimum of 30 credit hours. Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses. The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
<b>GRADUATION REQUIREMENT</b>	120 credit hours

## RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Honours:	Minimum 60 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in 4000-level Honours Subject courses.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours at the 4000-level in the Economics component of the double Honours. For the requirements of the other Honours subject consult the department involved.

### Required courses:

Year 1: Minimum 2.0 GPA (C) required in the Introductory course(s):

**ECON-1102(3)** Introduction to Economics: Micro, AND **ECON-1103(3)** Introduction to Economics: Macro

**MATH-1101(6)** Introduction to Calculus

**STAT-1201(6)** Introduction to Statistical Analysis. Students who have already completed 6 credit hours in Introductory Statistics (STAT-1201(6)) may not use the former Statistical Analysis in Economics (2202(3)) as credit towards any major in Economics; these students need to take additional Economics course(s) in order to meet the minimum Major requirement.

Year 2: **ECON-2101(3)** Intermediate Economics: Micro

**ECON-2102(3)** Intermediate Economics: Macro

**ECON-2201(3)** Introduction to Mathematical Economics

Year 3: **ECON-4103(3)** Microeconomics

**ECON-4104(3)** Macroeconomics,

**ECON-3201(3)** Introduction to Econometrics.

Years 2, 3, or 4: Minimum 12 additional credit hours at or above the 2000 level in Economics courses; minimum 24 additional credit hours of 4000-level Economics courses.

All 4000-level courses are Honours courses that provide the opportunity for more intensive study in a seminar setting of smaller classes while leaving scope for more individual initiative than is sometimes available in the larger, more formal lecture study. Students may be allowed to enter the Honours program after completion of Year 2 of study with approval by the Department Chair.

4000-level courses are offered on a rotating basis.

Students may not hold credit for both **MATH-1101(6)** Introduction to Calculus AND **MATH-1102(3)** Basic Calculus (Terminal).

Double Honours programs will be arranged in conjunction with the other Department involved.

Additional Information:

Students must meet Departmental prerequisites unless these are waived by the Chair of the Department concerned.

Students are encouraged to pursue courses in several discipline areas.

Students are advised to consult with the Chair or Faculty Advisor to ensure that they are correctly meeting departmental requirements.

## GENERAL INFORMATION

### Course Selection

Students are advised to confirm Departmental offerings before planning their curriculum as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).

Permission of the department is required for each 4000-level course.

## COURSE LISTINGS

Courses are listed in numerical sequence; course descriptions follow by Area of Study.

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

ECON-1102(3)	Introduction to Economics: Micro	ECON-2102(3)	Intermediate Economics: Macro
ECON-1103(3)	Introduction to Economics: Macro	ECON-2201(3)	Introduction to Mathematical Economics
ECON-1104(3)	Introduction to Economic Theory	ECON-2301(3)	Introduction to the Theory of Financial Systems
ECON-1105(6)	Introduction to Political Economy in Canada	ECON-2302(3)	Introduction to Monetary Economics and Banking
ECON-1106(3)	Introduction to Development Economics	ECON-2303(3)	Labour Economics
ECON-2101(3)	Intermediate Economics: Micro		

ECON-2304(3)	Income Distribution and Industrial Relations	ECON-3317(3)	Asia Pacific Economics
ECON-2305(3)	Canadian Economic History	ECON-3319(6)	Managerial Economics
ECON-2306(3)	Canadian Economic Development	ECON-3320(6)	Managerial Finance
ECON-2311(3)	Economics of Natural Resource Extraction	ECON-3321(3)	History of Economic Thought I
ECON-2317(3)	Environmental Economics	ECON-3322(3)	History of Economic Thought II
ECON-2318(3)	Energy Economics	ECON-4103(3)	Microeconomics
ECON/BUS-2319(6)	Corporate Finance	ECON-4104(3)	Macroeconomics
ECON-3104(3)	Modern Microeconomics for Economics and Business	ECON-4105(3)	Advanced Microeconomics
ECON-3201(3)	Introduction to Econometrics	ECON-4106(3)	Advanced Macroeconomics
ECON-3301(3)	International Trade	ECON-4201(3)	Econometrics
ECON-3302(3)	International Finance	ECON-4203(3)	Mathematical Economics
ECON-3303(3)	Economics of Public Expenditures	ECON-4303(3)	Topics in Applied Economics
ECON-3304(3)	Economics of Taxation	ECON-4306(3)	Topics in Economic Development
ECON-3305(3)	Economic Development	ECON-4310(3)	Topics in International Economics
ECON-3306(3)	International Aspects of Economic Development	ECON-4311(3)	The Economics of John Maynard Keynes
ECON-3307(3)	Industrial Organization	ECON-4313(3)	Topics in Industrial Organization
ECON-3308(3)	Regulation and Competition Policy	ECON-4314(3)	Topics in Public Economics
ECON-3310(3)	Economics of Health Care in Canada	ECON-4316(3)	Topics in Regulation and Competition Policy
ECON-3315(3)	Urban Economics	ECON-4317(3)	Topics in Environmental and Resource Economics
ECON-3316(3)	Cost-Benefit Analysis	ECON-4411(3)	Advanced Reading Course in Economics
		ECON-4412(3)	Advanced Reading Course in Economics

## COURSE DESCRIPTIONS

### **ECON-1102(3) INTRODUCTION TO ECONOMICS: MICRO (Le3)**

This is an introductory analysis of contemporary economic institutions and the application of micro-economic theory to current Canadian economic problems. The course will consider economic theories of production, consumption and exchange, price determination and the role of competition.

**RESTRICTIONS:** Students may not hold credit in this course and ECON-1104(3).

### **ECON-1103(3) INTRODUCTION TO ECONOMICS: MACRO (Le3)**

This is an introductory analysis of contemporary economic institutions and the application of macro-economic theory to current Canadian economic problems. The course will consider economic theories of the determination of national income, governmental monetary and fiscal policy, the role of money and the banking system, international trade and the determination of foreign exchange rates.

**RESTRICTIONS:** Students may not hold credit in this course and ECON-1104(3).

### **ECON-1104(3) INTRODUCTION TO ECONOMIC THEORY (Le3)**

This course provides an introduction to the principles of micro- and macro-economic theory. It is designed for students in the Environmental/Urban Studies programs. It may also be of interest to students majoring in other programs seeking an overview of economic theory. The course may serve as a prerequisite for all second year courses in Economics, with the exception of ECON-2101(3) and ECON-2102(3) if a minimum grade of C is achieved; students require a minimum grade of B for admission to ECON-2101(3) and ECON-2102(3). This course is not intended for Economics majors.

**RESTRICTIONS:** Students may not hold credit in this course and any other 1000 level course in Economics.

### **ECON-1105(6) INTRODUCTION TO POLITICAL ECONOMY IN CANADA (Le3)**

This course is designed for non-Economics majors who desire a basic understanding of economic analysis and the operation of the Canadian

economy. It offers a less technical presentation of the principles of micro- and macroeconomic analysis and provides an overview of the institutional structure of the Canadian economy and the role of governments. This course may serve as a prerequisite for all second-year courses in Economics, with the exception of ECON-2101(3) and ECON-2102(3), if a minimum grade of C is achieved; students who subsequently decide to major in Economics require a minimum grade of B for admission to ECON-2101(3) and ECON-2102(3).

**RESTRICTIONS:** Students may not hold credit in this course AND any other 1000-level course in Economics.

### **ECON-1106(3) INTRODUCTION TO ECONOMIC DEVELOPMENT (Le3)**

This course provides an introduction to economic theory, while simultaneously emphasizing how such theory improves the understanding of issues facing developing countries. Both branches of economics (microeconomics and macroeconomics) are covered. Issues typically discussed include economic inequality, environmental economics, economic growth, financial crisis and international trade. The course may serve as a prerequisite for all second year courses in Economics, with the exception of ECON-2101(3) and ECON-2102(3) if a minimum grade of C is achieved; students require a minimum grade of B for admission to ECON-2101(3) and ECON-2102(3). This course is not intended for Economics majors.

**RESTRICTIONS:** Students may not hold credit in this course and any other 1000 level course in Economics.

### **ECON-2101(3) INTERMEDIATE ECONOMICS: MICRO (Le3)**

This course provides a more advanced analysis of microeconomic concepts developed in first year. It examines the price system, allocation of resources, and the impact of alternative market structures on consumer and producer behaviour.

**PREREQUISITES:** A minimum grade of C in ECON-1102(3) or a minimum grade of B in either ECON-1104(3), ECON-1105(6) or ECON-1106(3).

**ECON-2102(3) INTERMEDIATE ECONOMICS: MACRO (Le3)** This course introduces students to a more advanced analysis of macroeconomic concepts developed in first year. It examines subjects such as national income determination, theories of consumption, employment, interest, and money. Business cycles, inflation, and economic growth will be discussed in a Canadian context.  
**PREREQUISITES:** A minimum grade of C in ECON-1103(3) or a minimum grade of B in either ECON-1104(3), ECON-1105(6) or ECON-1106(3).

**ECON-2201(3) INTRODUCTION TO MATHEMATICAL ECONOMICS (Le3, La1)** This course introduces and applies basic mathematical tools used in the analysis of economic problems. It is designed as a technical bridge between intermediate and honours level theory courses. Topics such as economic models, comparative statistics, the concept of derivatives, and rules of differentiation including partial and total differentiation will be presented within the context of economic analysis.  
**PREREQUISITES:** MATH-1101(6) or MATH-1102(3); and a minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1105(6).

**ECON-2301(3) INTRODUCTION TO THE THEORY OF FINANCIAL SYSTEMS (Le3, La1)** This course will focus on the role of money and financial institutions in the operations of a market economy. It will involve an analysis of the payments system, types of financial instruments, and differences in financial intermediaries.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1106(3).

**ECON-2302(3) INTRODUCTION TO MONETARY ECONOMICS AND BANKING (Le3, La1)** This course begins with a discussion of the quantity theory of money and the mechanics of monetary control. It is followed by an analysis of the determinants of money demand and the role of monetary policy within the framework of the Canadian financial system.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1106(3).  
**RESTRICTIONS:** Students may not hold credit in this course and in the former ECON-2310(6).

**ECON-2303(3) LABOUR ECONOMICS (Le3)** This course examines competing theories of wage and employment determination. The simple neo-classical model, human capital theory, institutional and post-Keynesian approaches are considered with respect to Canada including the organization of the trade union movement, the role of collective bargaining, and the current issues such as technological change and industrial health and safety.  
**PREREQUISITES:** A minimum grade of C in ECON-1103(3), ECON-1104(3) or ECON-1105(6).

**ECON-2304(3) INCOME DISTRIBUTION AND INDUSTRIAL RELATIONS (Le3)** This course studies theoretical models of income in Canada including the organization of the trade union movement, the role of collective bargaining, and current issues such as technological change and industrial health and safety.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1105(6).

**ECON-2305(3) CANADIAN ECONOMIC HISTORY (Le3)** This course surveys the development of the Canadian economy prior to 1867. Main topics will include early staple exports, agriculture, and industrialization.

**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1106(3).

**ECON-2306(3) CANADIAN ECONOMIC DEVELOPMENT (Le3)** This course examines the growth of the Canadian economy since 1867. The "National Policy" of the 19th Century, the development of the Prairie economy, the Great Depression, and the growing influence of the United States are considered.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1105(6).

**ECON-2311(3) ECONOMICS OF NATURAL RESOURCE EXTRACTION (Le3)** This course examines economic models of renewable and non-renewable resource extraction, and recycling. The question of social versus private optimal rates of extraction is considered, and the economic concept of sustainability is analyzed.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1106(3).

**ECON-2317(3) ENVIRONMENTAL ECONOMICS (Le3)** This course examines the role of economics in decision-making about the environment. Topics covered include the theory of externalities and public goods; market and non-market valuation of environmental amenities; and the regulation of polluting activities using instruments such as taxes and permits.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1106(3).

**ECON-2318(3) ENERGY ECONOMICS (Le3)** This course will introduce the student to the issues and policies pertaining to energy markets from an economic perspective. Environmental, technical, social, and financial issues will be considered. A case study for the demand for transportation energy will be used as a unifying theme throughout the course.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3) or ECON-1106(3).

**ECON-2319(6) CORPORATE FINANCE (Le3)** This course presents an intensive study of economic theories and principles of financial management and relates them to the practices used by corporations in the procurement, management and disbursement of capital fund. Topics include methods of capital acquisition, valuation of capital and financial assets and management of working capital.  
**PREREQUISITES:** A minimum grade of C in ECON-1102(3) and ECON-1103(3), ECON-1104(3), ECON-1106(6), or BUS-2002(3) with a minimum grade of C+.  
**RESTRICTIONS:** Students may not hold credit in this course and the former ECON-3320(6) or BUS-3620(6).  
**CROSS-LISTED:** Business and Administration BUS-2319(6).

**ECON-3104(3) MODERN MICROECONOMICS FOR ECONOMICS AND BUSINESS (Le3)** This course presents the concepts and theories that form the basis of modern microeconomic analysis. Market imperfections arising due to issues such as uncertainty, informational asymmetry and imperfect competition are analyzed, and their welfare implications are studied. Game theory is introduced as an analytical tool. Applications may include auctions and markets for insurance and used goods.  
**PREREQUISITES:** ECON-2101(3).

**ECON-3201(3) INTRODUCTION TO ECONOMETRICS (Le3, La1)** This course is an introduction to the measurement of economic phenomena. It covers statistical inference in economics, hypothesis testing, regression

analysis, and multivariate regression models with emphasis on structural estimation using standard computer packages. One hour lab instruction is included.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3) and ECON-2201(3) and 6 credit hours in Introductory Statistics (STAT-1201(6)) or permission of Chair of the Department.

**ECON-3301(3) INTERNATIONAL TRADE (Le3)** This course examines theories of international trade. It deals with approaches to the benefits of trade, the effects of tariffs and quotas, customs unions and imperfect competition on trade. It pays particular attention to Canadian trade policies.

**PREREQUISITES:** ECON-2101(3) or permission of the instructor.

**ECON-3302(3) INTERNATIONAL FINANCE (Le3)** This course is an introduction to international finance and open-economy macroeconomics. It examines exchange rate policy, the fiscal and monetary effects of trade, investment flows, and the development of the international monetary system.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3) or permission of the instructor.

**ECON-3303(3) ECONOMICS OF PUBLIC EXPENDITURES (Le3)** This course examines the rationale of the public sector and its development and growth in Canada. It deals with the theoretical and practical aspects of public decision-making. The budgeting process relating to allocation, redistribution, and stabilization will be examined.

**PREREQUISITES:** ECON-2101(3).

**ECON-3304(3) ECONOMICS OF TAXATION (Le3)** This course will analyze the theory of taxation and the Canadian tax structure. It also deals with the role of alternative tax policies in attaining various economic and social goals including allocation, redistribution, and stabilization.

**PREREQUISITES:** ECON-2101(3).

**ECON-3305(3) ECONOMIC DEVELOPMENT (Le3)** This course will examine problems and theories of internal development, as well as policies to accelerate change. It will deal with such topics as poverty, income distribution, human capital, employment, growth, rural-urban migration, population growth, and rural development.

**PREREQUISITE:** ECON-2101(3) or permission of the instructor.

**ECON-3306(3) INTERNATIONAL ASPECTS OF ECONOMIC DEVELOPMENT (Le3)** This course will examine problems and theories of international development, as well as policies to accelerate change. It will deal with such topics as international trade and investment, foreign aid, third world debt, the role of the international financial institutions and multinational corporations, and the new international division of labour.

**PREREQUISITE:** ECON-2101(3).

**ECON-3307(3) INDUSTRIAL ORGANIZATION (Le3)** This course introduces theories of non-competitive firm behaviour. It will look at examples of cooperative and noncooperative behaviour in the context of their relationship to price, profits, and welfare.

**PREREQUISITE:** ECON-2101(3).

**RESTRICTIONS:** Students may not hold credit in this course and in the former ECON-3309(6).

**ECON-3308(3) REGULATION AND COMPETITION POLICY (Le3)** This course deals with issues in the regulation of firms and markets. It examines empirical

evidence regarding the actual behaviour of markets and Canadian legislation.

**PREREQUISITES:** ECON-2101(3).

**ECON-3310(3) ECONOMICS OF HEALTH CARE IN CANADA (Le3)** This course will apply economic analysis to current issues in the delivery system for health care services in Canada. It will deal with such topics as the structure of the health care industry; economic costs of diseases, disability and premature death; pricing problems and social returns from public investment; incomes of health care practitioners; economic efficiency in the health care industry; benefit-cost analysis of various health care programs.

**PREREQUISITES:** ECON-2101(3).

**ECON-3315(3) URBAN ECONOMICS (Le3)** This course deals with the application of economic theory to the problems of urban growth and decay. Relevant Canadian case studies will be used to illustrate the issues.

**PREREQUISITES:** ECON-2101(3) or permission of the instructor.

**ECON-3316(3) COST-BENEFIT ANALYSIS (Le3)** The techniques of benefit-cost analysis and program evaluation will be developed from the perspectives of economics with reference to natural resource economics and public expenditure analysis. Case studies will be used to examine the techniques.

**PREREQUISITES:** ECON-2101(3) or permission of the instructor.

**ECON-3317(3) ASIA PACIFIC ECONOMICS (Le3)** This course is an introduction to the economic development of selected Asian Pacific countries, such as Japan, China, South Korea, and Philippines. It covers the following topics: (1) the main economic and institutional characteristics of these Asian countries, (2) their industrial and development policies, and (3) Asian business management practices.

**PREREQUISITE:** ECON-2101(3) or permission of the instructor.

**ECON-3319(6) MANAGERIAL ECONOMICS (Le3)** A study of the application of economic theory to the decision-making problems of managers in private and public institutions; the objectives of business organizations; economic and non-economic concepts of competition; costs and profits; demand and product pricing; capital budgeting.

**PREREQUISITES:** ECON-2101(3).

**ECON-3320(6) MANAGERIAL FINANCE (Le3)** This course presents an intensive study of the economic theories and principles of financial management essential for the growth of business firms and hence the growth of the Canadian economy. It will relate financial theory to financial management within a Canadian context.

**PREREQUISITES:** ECON-2101(3).

**ECON-3321(3) HISTORY OF ECONOMIC THOUGHT I (Le3)** This course examines the development of political economy from ancient times until 1870 with emphasis on Classical Political Economy. Adam Smith, David Ricardo, Karl Marx, and John Stuart Mill will be read in the context of the criticism of their contemporaries.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3) or permission of instructor.

**ECON-3322(3) HISTORY OF ECONOMIC THOUGHT II (Le3)** This course examines the first and second generations of neoclassical writers (1870-1936) in the context of the criticism of their contemporaries. The focus will be on

Walras, Jevons, Marshall, Edgeworth, Pigou, and J.B. and J.M. Clark. The emphasis is on the historical and philosophical dimensions of their work.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3) or permission of the instructor.

**ECON-4103(3) MICROECONOMICS (Le3)** This course provides students with an intensive review of the major principles and techniques of microeconomic analysis. It also deals with the determination of prices and the role of the pricing system as the mechanism by which individual and social decisions are made.

**PREREQUISITES:** ECON-2101(3) and ECON-2201(3).

**ECON-4104(3) MACROECONOMICS (Le3)** This course emphasizes macroeconomic concepts concerning the measurement and determination of national income, and the application of macroeconomic policy tools to the Canadian economy.

**PREREQUISITES:** ECON-2102(3) and ECON-2201(3).

**ECON-4105(3) ADVANCED MICROECONOMICS (Le3)**

This course entails advanced analysis of microeconomic theories of consumption, production, distribution, and welfare.

**PREREQUISITE:** ECON-4103(3).

**ECON-4106(3) ADVANCED MACROECONOMICS (Le3)**

This course entails advanced analysis of macroeconomic theories of aggregate consumption, investment demand, economic growth, and employment behaviour. A study of empirical works related to Canadian experience will be emphasized.

**PREREQUISITE:** ECON-4104(3).

**ECON-4201(3) ECONOMETRICS (Le3, La1)** This course

considers standard econometric problems including multicollinearity, serial correlation, and heteroscedasticity. Autoregression and simultaneous equations models will also be introduced. One hour lab instruction is included.

**PREREQUISITE:** ECON-3201(3).

**ECON-4203(3) MATHEMATICAL ECONOMICS (Le3)** The mathematical formulation of economic theories, and the use of mathematics in the development and demonstration of economic relationships; dynamic models, input-models; linear programming and theory of games; general equilibrium.

**PREREQUISITE:** ECON-4103(3).

**ECON-4303(3) TOPICS IN APPLIED ECONOMICS (Le3)**

This course examines issues in a selected area of economics. Possible areas include labour, health and development economics. The choice of topic depends on the instructor. The emphasis is on using empirical methods. Appropriate econometric techniques for addressing issues of endogeneity, selection bias, and unobserved heterogeneity may be covered. Students may repeat this course for credit, provided the topic varies.

**PREREQUISITE:** ECON-3201(3) and permission of instructor.

**ECON-4306(3) TOPICS IN ECONOMIC DEVELOPMENT (Le3)**

Interest in the topic of economic development has enjoyed resurgence in academic circles given the emergence of "new growth theory" and endogenous models of economic growth. These models place greater emphasis upon human capital accumulation, innovation, and technological change as the vehicles of self-sustaining growth. Concurrently, the rise of southeast Asian economies has challenged conventional views about how the West grew

rich or, more recently, why Latin America did not. This course is designed to examine the new growth theory literature in the context of recent historical changes in the world economy.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3).

**ECON-4310(3) TOPICS IN INTERNATIONAL ECONOMICS (Le3)**

This course examines both theoretical and applied topics in international economics. In particular, international trade, international monetary economics, and international finance will be emphasized.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3) or permission of instructor.

**ECON-4311(3) THE ECONOMICS OF JOHN MAYNARD KEYNES (Le3)**

The economic and philosophical writings of Keynes and the "Cambridge Circus" will be examined in the historical and social context of the times.

**PREREQUISITES:** ECON-2101(3) and ECON-2102(3) or permission of instructor.

**ECON-4313(3) TOPICS IN INDUSTRIAL ORGANIZATION (Le3)**

The course will examine areas of research in modern industrial organization. Among the topics addressed will be the following: the theory of the firm, strategic interaction between firms, competition in a spatial framework, and regulation under imperfect information. Other topics will be added depending on recent developments in industrial organizations.

**PREREQUISITE:** ECON-2101(3) or permission of the instructor.

**ECON-4314(3) TOPICS IN PUBLIC ECONOMICS (Le3)**

The course will deal with the theory of taxation and public expenditures within the context of first-best and second-best analysis. The theories of production, consumption, and other externalities will be discussed. Other topics include the theory and practice of cost-benefit analysis and fiscal federalism. The economic analysis of collective decision-making in a non-market context will be examined.

**PREREQUISITE:** ECON-4103(3) or permission of the instructor.

**ECON-4316(3) TOPICS IN REGULATION AND COMPETITION POLICY (S3)**

Regulation and competition policy are two instruments used by governments to influence the conduct of private firms. In this course, we analyze the benefits and costs to society of choosing one of these instruments to achieve efficiency and equity in the economy. Among the regulatory topics discussed are rate of return regulation, price cap regulation, and other pricing policies used to regulate utilities. Reference is made to a number of key regulated industries in the economy; for example, the energy, telecommunications and transportation industries. Among the competition policy issues discussed will be merger policy, abuse of dominant position, and the welfare properties of a number of business practices.

**PREREQUISITE:** ECON-4103(3) or permission of the instructor.

**ECON-4317(3) TOPICS IN ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS (Le3)**

This course covers selected positive and normative issues in environmental and natural resource economics at an advanced level. Topics such as efficiency vs. sustainability, market failures, public environmental policies, and optimal extraction of renewable and non-renewable resources are examined. Optimization techniques using methods of calculus are used.

**PREREQUISITES:** A minimum Grade of C in ECON-2201(3).



**ECON-4411(3) ADVANCED READING COURSE IN ECONOMICS (D)** A program of reading, research, and consultation for senior students, to be arranged by the instructor and the student.

**PREREQUISITES:** Permission of the instructor and written approval from the Chair of the Department.

**ECON-4412(3) ADVANCED READING COURSE IN ECONOMICS (D)** A program of reading, research, and consultation for senior students, to be arranged by the instructor and the student.

**PREREQUISITES:** Permission of instructor and written approval from the Chair of the Department.

# FACULTY OF EDUCATION (EDUC)

Updated Aug 20/09

**Note: The department/program code EDUC replaces the former code 15. Students cannot hold credit in EDUC-xxxx and the former 15.xxxx having the same course number (e.g., EDUC-1801(3) and 15.1801(3)).**

**Dean: Professor K. McCluskey;** Professors: A. Mays, E. Polyzoi; Associate Professors: J. Ameis, J. Anchan, R. Kroeker, D. Metz, S. Skwarchuk, L. Sokal, D. Sutherland, C. Taylor; Assistant Professors: P. Betts, F. Dickey, D. Haydey, K. Magro, J. Nahachewsky, C. Reid, B. Rice; J. Stewart, M. Young; Instructors: A. Appel, V. Barratt, M. Bergsgaard, L. Glade, J. Goulet, L. Tucker, A. Wiebe; Director of Program Administration and Advising: M. Tetrault; Academic Advisors: D. Bradley, S. Martin; Director of Student Teaching: D. Woloshyn; Director of Winnipeg Education Centre and Community-Based Aboriginal Teacher Education Program (WEC, CATEP): Assistant Professor P. Baker; Academic Advisor (WEC, CATEP): K. Dowson.

## DEGREES/PROGRAMS OFFERED

**Integrated BEd/BA or BSc Program**

**2-year After-Degree BEd Program**

**Integrated BEd/BA or BSc Joint UW/RRC Business Teacher Education Program**

**Integrated BEd/BA or BSc Joint UW/RRC Industrial Arts/Technology Teacher Education Program**

**Integrated BEd/BA or BSc Joint UW/RRC Aboriginal Language Teacher Education Program**

**Joint UW/RRC Vocational Teacher Education Program**

**Post-Baccalaureate Diploma in Education**

**Master's in Education**

## INTRODUCTION

The study of Education at the University of Winnipeg blends theoretical knowledge with classroom practice in order to prepare students for a professional teaching career. Students in the Education program take courses from a variety of disciplines such as history, philosophy, biology, sociology and psychology alongside courses that focus on curriculum and pedagogy.

The Education program at the University of Winnipeg is unique for several reasons. First, in addition to the preparation of pre-service teachers leading to provincial certification, the program provides an additional focus on urban inner-city education. Second, early in the program students are provided with the opportunity of working with teachers and children in classrooms. This enables students to begin the transition from university student to professional educator early in their university career. Finally, the program provides considerable opportunities for interested students to participate in community outreach projects and on-going faculty research.

## BEd PROGRAMS

### I. The Integrated BEd/BA or BSc Program

This program requires students to complete a minimum of 150 credit hours. The Integrated BEd/BA or BSc option makes it possible for students to work towards two degrees at the same time and it allows students who have made an early commitment to teaching to begin their studies within the first two years of their university career.

Normally, students enter the 5-year Integrated Program in the first year of university studies. Provision is made, however, for students who have already completed work towards another Bachelor's degree to transfer into the program.

In the 5-year Integrated Program students choose one of four streams:

EARLY YEARS prepares teachers for grades K-4

EARLY/MIDDLE YEARS prepares teachers for grades K-8

MIDDLE YEARS prepares teachers for grades 5-S1

SENIOR YEARS prepares teachers for grades S1-S4

Students must choose a major teachable area from the following:

Biology, Chemistry, English, French, Geography, German (Early, Early/Middle and Middle Years streams only), History, Kinesiology and Applied Health, Mathematics, Physics, and Theatre and Drama.

Students must also complete a minor teachable area from:

Anthropology, Biology, Chemistry, Classics, Dance, Developmental Studies (Early, Early/Middle and Middle Years streams only), Economics, English, French, Geography, German (Early, Early/Middle and Middle Years streams only), History, Kinesiology and Applied Health (Physical Education), Mathematics, Philosophy, Physics, Politics, Psychology, Sociology, Theatre.

### II. The Two-Year After-Degree BEd Program

This two-year (60 credit hour) program is intended for students who already hold an undergraduate degree, which includes sufficient course work in two teachable areas. After-Degree students choose from the Early, Early/Middle, Middle or Senior Years streams. Those interested in teaching at the Senior Years level must have a major teachable area consisting of 30 credit hours, and a minor teachable area consisting of 18 credit hours. Students interested in the Early, Early/Middle or Middle Years streams must have a major teachable area consisting of 18 credit hours, and a minor teachable area consisting of 12 credit hours. In addition, they must have completed a Distribution Requirement consisting of 6 credit hours in English literature or French literature courses (courses in Rhetoric, Writing, and Communications cannot be used toward the English requirement); 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement); 9 credit hours in total of Science and Math (only Biology, Chemistry, or Physics courses can be used toward the Science requirement). Statistics courses cannot be used to fulfill the Math requirement.) Students must have either 6 credit hours in Science and 3 credit hours in Math, or 3 credit hours in Science and 6 credit hours in Math. Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement. If students do not have 60 credit hours in their first degree which can be applied toward the BEd program, they must complete these requirements prior to applying to the program.

### III. The Joint University of Winnipeg / Red River College Bachelor of Education Programs

The University of Winnipeg in conjunction with Red River College offers a five-year Integrated 150 credit hour BEd/BA or BSc degree. Upon completion of the program, graduates will have a major in Business, Industrial Arts/Technology or Aboriginal Language education and a second academic major in a teachable subject area. Students in this program do courses on site at the University of Winnipeg and Red River College in all years of the program.

#### **IV. The Joint University of Winnipeg / Red River College 2-Year or 3-Year After-Degree Program in Business Teacher Education, or the 3-Year After-Degree Program in Industrial Arts/Technology or the 2-Year or 3-Year After-Degree Program in Aboriginal Language**

These programs are intended for students who already hold an undergraduate degree.

**Business Teacher Education (2-Year or 3-Year After-Degree Programs):** Students who have completed a first undergraduate degree with a significant concentration in business courses may be eligible for transfer credits at RRC. These students may be eligible to apply for a 2-year After-Degree program. Students whose first degree does not include a concentration in business courses would normally be eligible for a 3-year After-Degree program. Generally, students admitted to the 2-year After-Degree program will complete 30 credit hours of course work at RRC, and 30 credit hours of course work at UW. Generally, students admitted to the 3-year After-Degree program will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

**Industrial Arts/Technology Teacher Education (3-Year After-Degree Program):** Students who have completed an undergraduate degree may be eligible to apply for a 3-year After-Degree program. Generally, students will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

**Aboriginal Language Teacher Education (2-Year or 3-Year After-Degree Programs):** Students who have completed a first undergraduate degree with a significant concentration in Aboriginal language courses may be eligible for transfer credits at RRC. These students may be eligible to apply for a 2-year After-Degree program. Students whose first degree does not include a concentration in Aboriginal language courses would normally be eligible for a 3-year After-Degree program. Generally, students admitted to the 2-year After-Degree program will complete 30 credit hours of course work at RRC, and 30 credit hours of course work at UW. Generally, students admitted to the 3-year After-Degree program will complete 60 credit hours of course work at RRC, and 30 credit hours of course work at UW. Students may also be required to complete course work in a teachable minor in addition to the requirements for the BEd degree.

#### **V. The Certified Teacher BEd Program**

Certified teachers who have completed a minimum of one year of professional training and wish to upgrade their qualifications are eligible for this program. Students normally receive 30 credit hours in transfer credit for the year of teacher training and will be required to complete additional coursework (minimum 30 credit hours) to fulfill the requirements of the BEd/BA or BEd/BSc.

#### **VI. The Joint University of Winnipeg / Red River College Vocational Teacher Education Program**

Graduates of the Red River College Vocational Education program who hold a limited teaching certificate may receive up to 90 credit hours towards the 150 credit hour BEd degree requirements.

#### **VII. Winnipeg Education Centre Program (WEC)**

The University of Winnipeg offers a 5-year Integrated BEd/BA program for residents of the inner city who are 21 years of age or older by the start of the September session, who are representative of the inner city population, and who are in need of academic, personal, and financial supports in order to pursue a university degree. Coursework is delivered on site at the Winnipeg Education Centre and at the University of Winnipeg. For further information, students should contact the Winnipeg Education Centre, 485 Selkirk Avenue, Winnipeg, MB, R2W 2M6, (204) 668-8160.

#### **VIII. Community-Based Aboriginal Teacher Education Program (CATEP)**

In partnership with Seven Oaks and Winnipeg School Divisions, The University of Winnipeg offers a specialized BA/BEd degree program for aboriginal people who are working as teacher aides. Students must be employed by Seven Oaks or Winnipeg School Divisions and attend university part-time from September - April and full-time for May, June, and July. Due to the part-time nature of this program students will take 6.5 - 7 years to complete the 150 credit hours that comprise the degree. Applicants must first apply and be accepted by their school division for admission to this program.

#### **IX. Post-Baccalaureate Diploma in Education (PBDE)**

The PBDE is a self-designed, 30 credit hour program developed for in-service teachers and other educators and caregivers. PBDE students can, depending upon their interests, needs, and/or areas of expertise, design their own, highly personalized program studies.

Earning a PBDE has many benefits. Most notably, it allows educators an opportunity to grow personally and professionally by targeting and building their skills in specific areas. Concomitantly, it opens up possibilities for lifelong learning and personal/career enhancement for individuals who do not have the time, inclination, or background to enrol in a formal graduate program. There are other advantages as well:

- Manitoba Education, Citizenship and Youth recognizes the PBDE for salary classification purposes.
- In appropriate circumstances, Manitoba Education, Citizenship and Youth may also count some PBDE courses toward their School Clinician, Special Education, Counselling, and Level 1 or 2 School Leader Certificates.
- As a recognized Diploma, the PBDE is conferred at Convocation, and often helpful for career development and advancement.

#### **X. Master's in Education in Association with the University of New England, Armidale, Australia**

Students can now complete 50% of this M.Ed. degree through our Summer Institutes, and 50% through the University of New England. The UNE courses can be taken on-site in Australia, or on-line or via distance education. The M.Ed. is fully recognized by Manitoba Education, Citizenship and Youth for salary classification and other purposes.

**NOTE: For more information on our various programs visit our website: [www.uwinnipeg.ca/academic/as/education](http://www.uwinnipeg.ca/academic/as/education)**

## EXPANDED ADMISSION INFORMATION

The University of Winnipeg affirms the values of equal opportunity, equity, and social justice. In keeping with these values, the Faculty of Education has established a policy of expanded admission to help us recruit a group of education students who generally reflect the diversity of the population of Manitoba. This policy is in addition to our Access Program at the Winnipeg Education Centre and the Community-Based Aboriginal Teacher Education Program.

Students who wish to be considered for Expanded Admission must indicate this on the Expanded Admission Student Application Form included with their application and provide supporting documentation. Applicants must be residents of Manitoba. Applications are reviewed on an individual basis and interviews may be required. Applicants are ranked among themselves and not against the general applicant pool.

Expanded Admission applicants applying to the first year of the Integrated Program must meet minimum admission requirements. Expanded Admission applicants applying as Transfer or After-Degree candidates must meet minimum admission requirements and have a minimum GPA of 2.0. Students on Probation or Not Allowed to Continue status are not eligible to apply.

Students admitted under the policy of Expanded Admission will be required to meet the same standards for progression and graduation as other students.

**Note:** Not all spaces may be filled.

### Category 1: Aboriginal Peoples in Canada

An applicant may apply for Expanded Admission if the applicant is considered to be an Aboriginal person. An Aboriginal person is someone who identifies as a member/citizen of an Aboriginal Nation, Tribe, Band, Settlement, community or government and has been accepted as a member/citizen of that Nation, Tribe, Band, Settlement, community or government.

Applicants must provide proof of Aboriginal identity and acceptance at the time of application. One of the following will be accepted as proof for application purposes:

- a. a copy of a Status or Treaty card;
- b. a copy of a Métis membership card;
- c. a copy of a Nunavut Trust Certificate card, roll number or any other proof accepted by Inuit communities;
- d. proof that an ancestor's name has been entered
  - 1) in the Indian Register according to the Indian Act, or
  - 2) on the band list of an individual band, or
  - 3) on the Inuit roll;
- e. evidence of an ancestor who received a land grant or a scrip grant under the Manitoba Act or the Dominion Lands Act;
- f. written confirmation of Aboriginal ancestry from the Department of Indian Affairs;
- g. written confirmation of membership by a band council which has enacted its own band membership code;
- h. a Statutory Declaration by an applicant attesting to Aboriginal ancestry, supplemented by letters or documentation supporting the Declaration
  - 1) from an official of a recognized native organization, or
  - 2) from a relative in an Aboriginal community, or
  - 3) from the applicant describing involvement with Aboriginal issues.
- i. Written confirmation of membership/citizenship with an Aboriginal government that has assumed control of its own membership/citizenship jurisdiction under a self-government agreement or Treaty, or by an Aboriginal government that has assumed control under its inherent governance authority as an exercise in self-determination.

Candidates applying to the Integrated Program: Maximum 5 spaces

Candidates applying to transfer into the Program: Maximum 2 spaces

Candidates applying to the After-Degree Program: Maximum 3 spaces

Candidates applying to the Business Education Program: Maximum 1 space

Candidates applying to the Industrial Education Program: Maximum 1 space

**Note:** If the applicant is under 18 they may provide a copy of their parents' card as proof of Aboriginal Status.

### Category 2: Visible Persons

An applicant may apply for Expanded Admission if the applicant is considered to be a visible person. Visible persons are generally defined as individuals, other than Aboriginal peoples, who because of ethnicity or colour are visible in Canada.

Candidates applying to the Integrated Program: Maximum 5 spaces

Candidates applying to transfer into the Program: Maximum 2 spaces

Candidates applying to the After-Degree Program: Maximum 3 spaces

Candidates applying to the Business Education Program: Maximum 1 space

Candidates applying to the Industrial Education Program : Maximum 1 space

### Category 3: Special Consideration

An applicant may apply for Expanded Admission if their educational performance has been hindered by circumstances such as:

- a) barriers resulting from personal experiences related to ethnic identity
- b) first language other than English
- c) interruption of education by war or refugee experience
- d) a disability which has been formally diagnosed and supported with medical documentation
- e) a previous attempt at university which is not representative of student's ability. It is expected that applicants in this category will have at least 2 years of recent (within the past 5 years), successful, full-time experience working in a classroom, daycare or before & after school program which demonstrates their commitment to the field and their potential competency in this field.

Applicants in this category must include a supporting letter of reference from their supervising teacher or principal. This would be in addition to the 2 letters normally required of After Degree and Transfer applicants.

Applicants applying for special consideration must include a 1 - 2 page written statement with their application describing the factors that have prevented them from achieving a competitive G.P.A. in high school and/or university and supporting documentation. For Transfer and After Degree applicants this statement would accompany the mandatory autobiography that all applicants must submit.

Candidates applying to the Integrated Program: Maximum 5 spaces

Candidates applying to transfer into the Program: Maximum 2 spaces

Candidates applying to the After-Degree Program: Maximum 3 spaces

Candidates applying to the Business Education Program: Maximum 1 space

## ADULT CRIMINAL RECORDS AND CHILD ABUSE REGISTRY CHECKS

The following policy applies to all applicants to the Faculty of Education including those applying to the Joint UW/RRC programs and ACCESS programs.

1. The Faculty of Education requires that all applicants must submit and be cleared on a formal Criminal Record Search Certificate (For Vulnerable Sector Search), and submit and be cleared on a formal Child Abuse Registry Check before admission can be finalized.

a) The fee for each of these documents is the responsibility of the applicant.

2. Generally speaking, applicants have a month from the date of the Offer of Acceptance to submit the required documentation. Please see the categories below for specific deadlines.

After Degree applicants must submit the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check to the university by June 1. Those in the Red River College After Degree Program must submit the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check to Red River College by June 1.

All Applicants to Year 1\* (including High School, Mature, ACCESS, and RRC) have until June 30 to submit their Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check. First year students in the Joint UW/Red River College Program must submit the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check to Red River College by June 30.

\*Note: Due to their status as a Minor, applicants under 18 cannot produce an Adult Criminal Record Check or Child Abuse Registry Check. Therefore, they should apply for one on or soon after their 18<sup>th</sup> birthday. They have 30 days from their 18<sup>th</sup> birthday to submit the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check to the university.

Transfer applicants have until July 15 to submit their Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check.

a) Originals of the Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check should be sent, in a sealed envelope, to the attention of the:

Associate Director of Admissions (Education)  
Admissions Office  
University of Winnipeg

Note: Joint UW/Red River College students should submit these documents to Red River College.

b) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check must be dated within the last 3 months to be valid.

c) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check will be kept strictly confidential and held separate from the student's main university file.

d) The Criminal Record Search Certificate (For Vulnerable Sector Search) and Child Abuse Registry Check will not be returned to the student.

3. Applicants who appear on the Child Abuse Registry will have their Offer of Acceptance withdrawn.

4. The existence of a criminal record will not automatically exclude applicants, but, applicants to and graduates of Bachelor of Education programs who have adult criminal convictions which indicate they may pose a threat to the safety and well-being of children and others in the schools will be denied admission and/or teacher certification.

a) Applicants who have a criminal record may be asked to present an official fingerprint search/disposition prior to admission to the program.

b) Decisions with regard to criminal records will be made by the Legal Records Check Committee.

c) Applicants will be informed of the Committee's decision in writing. Applicants who are not admitted will have their Offer of Acceptance withdrawn.

5. Applicants are not required to disclose records under The Youth Criminal Justice Act. However, if the Faculty of Education becomes aware of a youth record which raises questions relating to the safety and well-being of children and others in the schools, this may be considered relevant for admission, continued enrollment, and/or certification purposes.

6. Once admitted, the Criminal Record Search and Child Abuse Registry Check are valid for the duration of study in the Faculty of Education as long as there is no change in status. Some practicum or service learning sites may require subsequent criminal record and/or child abuse registry checks.

a) Students are obligated to report a change in the status of their criminal record and/or Child Abuse Registry standing to the Chair, Legal Records Check Committee, Faculty of Education. Red River College students must inform the Chair of Teacher Education at Red River College.

b) Students who appear on the Child Abuse Registry will be immediately withdrawn from the Faculty and any ongoing Education courses.

c) Students reporting a change in the status of their criminal record will have their case evaluated by the Legal Records Check Committee. They will be informed of the Committee's decision in writing. Students who are not allowed to continue in the Faculty of Education will be immediately withdrawn from the Faculty and any ongoing Education courses.

d) The Faculty of Education has the right to remove a student from practicum while their case is being reviewed by the Legal Records Check Committee.

e) Failure to disclose a criminal record or listing on the Child Abuse Registry will result in immediate expulsion from the Faculty of Education.

7. The Faculty of Education cannot be held responsible for future changes in legislation which may affect eligibility for teacher certification.

## REQUIREMENTS FOR THE INTEGRATED BEd/BA OR BSc DEGREE

### ADMISSION REQUIREMENTS

- Space in the Integrated BEd/BA or BSc Degree program is limited, and not all eligible applicants may be admitted.
- Students must meet regular or mature admission requirements.
- Students currently registered in a BA or BSc program may apply to the Integrated program with advanced standing.
- The Education Selection Committee will select students on the basis of their academic qualifications and their admissibility to the program.
- Some applicants may be admitted under the category of Expanded Admission.
- Students **accepted** to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall term.

### GRADUATION REQUIREMENTS

150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA or BSc  
Minimum 90 credit hours meeting the BA or BSc requirements.  
Minimum 60 credit hours meeting the BEd requirements.

### RESIDENCE REQUIREMENTS

Minimum 84 credit hours: BA/BSc: minimum 30 credit hours.  
BEd: minimum 54 credit hours, which must include all practicum and curriculum, instruction and assessment courses.  
Teachable major: minimum 18 credit hours.

### GENERAL DEGREE REQUIREMENTS

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR/ MINOR REQUIREMENTS

#### ARTS OR SCIENCE MAJOR REQUIREMENT

Minimum 30 credit hours in a major leading to a BA or BSc Degree (see section VII, 3)

#### EDUCATION MAJOR REQUIREMENT

##### Senior Years Stream

30 credit hours in a major teachable area (see the tables at the end of the Education section).

**Note:** In some cases, the major teachable area can be fulfilled by the Arts or Science major. However, some Arts or Science majors are not considered teachable areas.

##### Early, Early/Middle, and Middle Years Streams

18 credit hours in a major teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

#### EDUCATION MINOR REQUIREMENT

##### Senior Years Stream

18 credit hours in a minor teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

##### Early, Early/Middle, and Middle Years Streams

12 credit hours in a minor teachable area (see the tables at the end of the Education section). These 12 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

**Note: All Streams** The major and minor must be selected from 2 different teaching areas.

#### Distribution Requirement

Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of:

- 6 credit hours in English literature or French literature courses (courses in Rhetoric, Writing, and Communications cannot be used toward the English requirement)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- 9 credit hours in total of Science and Math (only Biology, Chemistry, or Physics courses can be used toward the Science requirement. Statistics courses cannot be used to fulfill the Math requirement.) Students must have either 6 credit hours in Science and 3 credit hours in Math, or 3 credit hours in Science and 6 credit hours in Math.
- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement.

### REQUIRED COURSES

#### (Integrated BEd/BA or BSc Degree)

##### Early Years, Early/Middle Years or Middle Years Stream

- EDUC-1801(3) Education Today (or EDUC-1802(3))
- EDUC-2511(3) Learning Theory\* and EDUC-2512(1) Learning Theory Practicum\* (or EDUC-2514(1))
- EDUC-2601(3) Introduction to Information Technology for Educators or EDUC-2800(3) Educational Leadership Within a Service Learning Framework
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum\* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum\* (or EDUC-3814(2))
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:  
EDUC-3400(3) Educational Settings and the Sociology of Learning

- HIST-2514(3) History of Canadian Education
- PHIL-2291(3) History of Educational Ideas (Philosophy course)
- SOC-1105(3) Beginning Sociology in Education
- EDUC-4835(1) - EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: All Areas\*
- EDUC-4843(1) - EDUC-4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas\*
- if Early Years: EDUC-4820(3) Early Years Education
- if Middle Years: EDUC-4821(3) Middle Years Education
- EDUC-4404(3) The School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- 3 Credit hours of Special Education II Courses
- EDUC-4851(1) Professional/Development Workshop\*
- EDUC-4885(1) Capstone\*
- 10 credit hours of Practicum Blocks as follows:
- If Early Years: Practicum Blocks EDUC-4872(2.5)\*, EDUC-4875(2.5)\*, EDUC-4879(2.5)\* and EDUC-4881(2.5)\*
- If Early/Middle Years: Practicum Blocks EDUC-4872(2.5)\*, EDUC-4875(2.5)\*, EDUC-4879(2.5)\* and EDUC-4882(2.5)\*
- If Middle Years: Practicum Blocks EDUC-4872(2.5)\*, EDUC-4876(2.5)\*, EDUC-4879(2.5)\* and EDUC-4882(2.5)\*

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

## **REQUIRED COURSES (Integrated BEd/BA or BSc Degree)**

### **Senior Years Stream**

- EDUC-1801(3) Education Today
- EDUC-2511(3) Learning Theory\* and EDUC-2512(1) Learning Theory Practicum\*
- EDUC-2601(3) Introduction to Information Technology for Educators or EDUC-2800(3) Educational Leadership Within a Service Learning Framework
- EDUC-3810(6) Teaching/Learning and the K-8 Curriculum\* and EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum\*
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  - EDUC-3400(3) Educational Settings and the Sociology of Learning
  - HIST-2514(3) History of Canadian Education
  - PHIL-2291(3) History of Educational Ideas (Philosophy course)
  - SOC-1105(3) Beginning Sociology in Education
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major\*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Minor\*
- EDUC- 4401(3) Just and Effective Schools
- EDUC-4404(3) The School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Creating and Managing Effective Learning Environments
- EDUC-4821(3) Middle Years Education
- EDUC-4851(1) Professional/Development Workshop\*
- EDUC-4852(5) 5 Senior Years Curriculum, Instruction and Assessment: Alternative\*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum\*
- EDUC-4885(1) Capstone\*
- 3 Credit hours of Special Education II Courses
- Practicum Blocks: EDUC-4873(2.5)\*, EDUC-4877(2.5)\*, EDUC-4880(2.5)\* and EDUC-4883(2.5)\*

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

### **GRADE POINT REQUIREMENTS**

- Students must obtain a 2.0 GPA (C) on 91 credit hours to be admitted to the certification portion of the degree.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all BEd requirements to qualify for the degrees.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

**NOTE:** Also see "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC 2514(1) (WEC), EDUC-3810(6) and EDUC-3811(2) and EDUC-3814(2) (WEC)" in the Faculty of Education General Information section for more information.

## **REQUIREMENTS FOR BA OR BSc GRADUATES TO OBTAIN THE BEd (AFTER-DEGREE BEd PROGRAM)**

### **ADMISSION REQUIREMENTS**

- Space in the After-Degree BEd Program is limited, and not all eligible applicants may be admitted.
- Applicants must have completed a first undergraduate degree (minimum 90 credit hours), with appropriate course work completed in a major teachable area and a minor teachable area. As well, applicants to the Early, Early/Middle or Middle Years stream must have completed a Distribution Requirement as outlined below.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall term.
- Some applicants may be admitted under the category of Expanded Admission.

### **GRADUATION REQUIREMENTS**

Minimum 150 credit hours total for graduation with the second degree.

60 credit hours which meet all BEd requirements.

## RESIDENCE REQUIREMENT

Degree: Minimum 48 credit hours, including all practicum, curriculum, instruction and assessment courses.

## EDUCATION MAJOR REQUIREMENT

### Senior Years Stream

30 credit hours in a major teachable area (see the tables at the end of the Education section).

**Note:** In some cases, the major teachable area can be fulfilled by the Arts or Science major. However, some Arts or Science majors are not considered teachable areas.

### Early, Early/Middle, and Middle Years Streams

18 credit hours in a major teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

## EDUCATION MINOR REQUIREMENT

### Senior Years Stream

18 credit hours in a minor teachable area (see the tables at the end of the Education section). These 18 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

### Early, Early/Middle, and Middle Years Streams

12 credit hours in a minor teachable area (see the tables at the end of the Education section). These 12 credit hours may be fulfilled by courses used to meet the Arts and Science major. However, some Arts or Science majors are not considered teachable areas.

**Note: All Streams** The major and minor must be selected from 2 different teaching areas.

### Distribution Requirement

Students in the Early, Early/Middle and Middle Years streams must complete a Distribution requirement consisting of:

- 6 credit hours in English literature or French literature courses (Academic Writing courses cannot be used toward the English requirement)
- 6 credit hours in Social Studies (only History and Geography courses can be used to fulfill the Social Studies requirement)
- 9 credit hours in total of Science and Math (only Biology, Chemistry, or Physics courses can be used toward the Science requirement. Statistics courses cannot be used to fulfill the Math requirement.) Students must have either 6 credit hours in Science and 3 credit hours in Math, or 3 credit hours in Science and 6 credit hours in Math.
- Courses used toward the major and/or minor teachable areas can also be used to fulfill the Distribution Requirement.

## REQUIRED COURSES

### (After-Degree)

#### Early Years, Early/Middle Years or Middle Years Stream

- EDUC-4002(6) Foundations of Teaching and Learning
- EDUC-4404(3) The School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4835(1)- EDUC-4842(3) Early Years Curriculum, Instruction and Assessment: All Areas\*
- EDUC-4843(1)- EDUC-4948(3) Middle Years Curriculum, Instruction and Assessment: All Areas\*
- 3 Credit hours of Special Education II Courses
- 10 credit hours of Practicum Blocks as follows:

If Early Years: Practicum Blocks EDUC-4872(2.5)\*, EDUC-4875(2.5)\*, EDUC-4879(2.5)\* and EDUC-4881(2.5)\*

If Early/Middle Years: Practicum Blocks EDUC-4872(2.5)\*, EDUC-4875(2.5)\*, EDUC-4879(2.5)\* and EDUC-4882(2.5)\*

If Middle Years: Practicum Blocks EDUC-4872(2.5)\*, EDUC-4876(2.5)\*, EDUC-4879(2.5)\* and EDUC-4882(2.5)\*

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education Program residency requirements.

## REQUIRED COURSES

### (After-Degree)

#### Senior Years Stream

- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Major\*
- 6 credit hours in Senior Years Curriculum, Instruction and Assessment: Minor\*
- EDUC-4002(6) Foundations of Teaching and Learning
- EDUC-4401(3) Just and Effective Schools
- EDUC-4404(3) The School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4602(3) Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching
- EDUC-4701(3) Creating and Managing Effective Learning Environments
- EDUC-4852(5) Senior Years Curriculum, Instruction and Assessment: Alternative\*
- EDUC-4870(3) Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum\*
- 3 Credit hours of Special Education II Courses
- Practicum Blocks: EDUC-4873(2.5)\*, EDUC-4877(2.5)\*, EDUC-4880(2.5)\* and EDUC-4883(2.5)\*

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

## GRADE POINT REQUIREMENTS:

- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.

**NOTE:** Also see "Rules and Regulations Governing the After-Degree Program" in the Faculty of Education General Information section for more information.



# REQUIREMENTS FOR THE INTEGRATED BEd/BA OR BSc JOINT UW/RRC BUSINESS TEACHER EDUCATION or INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION PROGRAMS

## ADMISSION REQUIREMENTS

- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Students must meet Regular or Mature status admission requirements.
- Students currently registered in a BA or BSc program, or students who have completed a first undergraduate degree, may apply to the Joint UW/RRC program.
- The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.
- Students accepted to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall Term.

**NOTE:** Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA or BSc degree will lose a significant number of credit hours.

## GRADUATION REQUIREMENTS

150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA or BSc Joint UW/RRC Business Teacher Education or Industrial Arts/Technology Teacher Education Program.

## RESIDENCE REQUIREMENTS

Minimum 84 credit hours in coursework taken at UW and RRC; minimum 48 credit hours at UW.  
BA/BSc: minimum 30 credit hours. BEd: minimum 54 credit hours in course work taken at UW and RRC; minimum 18 credit hours at UW which must include all practicum and, curriculum, instruction, and assessment courses.  
Teachable major: minimum 18 credit hours.

## GENERAL DEGREE REQUIREMENTS

Major:	Minimum 30 credit hours in a teachable subject.
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

## REQUIRED COURSES

### (Integrated BEd/BA or BSc Degree)

### Joint UW/RRC Business Teacher Education Stream

#### Red River College courses:

- ACCT-1975 Fundamentals of Accounting
- ACCT-2245 Intermediate Accounting
- BUSA-1305 Business Organization and the Consumer
- COMM-1067 Information and Communication Tech
- COMP-1993 Keyboarding & Print Communications
- COMP-1994 Software Applications
- COMP-1995 Computerized Accounting
- COMP-1996 Multimedia & Digital Applications
- EDUC-1003 Animation and Digital Applications
- EDUC-1074 Commercial Law
- EDUC-1075 Business Education Methods and Practicum
- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-1079 Issues in Business Education
- EDUC-1080 Topics in Business Education
- EDUC-2001 Business Education Methods and Practicum
- EDUC-2002 Teaching Print and Business Communications
- EDUC-2003 Teaching Software Applications & Accounting
- MRKT-1751 Marketing
- MRKT-2090 Retail Management
- PRAC-3327 Business Student Teaching

#### University of Winnipeg courses:

- EDUC-2513(3) Learning Theory\*
- EDUC-4821(3) Middle Years Education
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  - EDUC-3400(3) Educational Settings and the Sociology of Learning
  - HIST-2514(3) History of Canadian Education
  - PHIL-2291(3) History of Educational Ideas (Philosophy course)
  - SOC-1105(3) Beginning Sociology in Education
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Major\*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College

- EDUC-4404(3) School System
  - EDUC-4410(3) Introduction to Aboriginal Education
  - EDUC-4501(3) Introduction to Special Education
  - EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
  - 3 credit hours of Special Education II Courses
- \* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

## REQUIRED COURSES

(Integrated BEd/BA or BSc)

### Joint UW/RRC Industrial Arts/Technology Teacher Education Program

#### Red River College courses:

- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-1081 Manufacturing Technology-Introduction
- EDUC-1083 Construction Technology-Introduction 1
- EDUC-1084 Power and Energy Technology-Introduction 1
- EDUC-1085 Industrial Arts Education Methods and Practicum 1
- EDUC-1086 Organizing Technology Education Facilities
- EDUC-1088 Issues in Industrial Arts/Technology Education
- EDUC-1089 Topics in Industrial Arts/Technology Education
- EDUC-1116 Graphic Communications Tech 1
- EDUC-2070 Construction Technology -Intermediate
- EDUC-2071 Power and Energy Technology-Intermediate
- EDUC-2089 Manufacturing Technology-Intermediate
- EDUC-2090 Industrial Arts Education Methods and Practicum 2
- EDUC-2091 Teaching Industrial Arts/Technology Education
- EDUC-2095 Graphic Communications Tech 2
- EDUC-3225 Manufacturing Technology-Advanced
- EDUC-3226 Construction Technology-Advanced
- EDUC-3227 Power and Energy Technology-Advanced
- EDUC-3229 Graphic Communications Technology-Advanced
- PRAC-3008 Industrial Arts Student Teaching

#### University of Winnipeg courses:

- EDUC-2513(3) Learning Theory\*
  - EDUC-4821(3) Middle Years Education
  - 3 credit hours to fulfill the Education Foundations Requirement chosen from:
    - EDUC-3400(3) Educational Settings and the Sociology of Learning
    - HIST-2514(3) History of Canadian Education
    - PHIL-2291(3) History of Educational Ideas (Philosophy course)
    - SOC-1105(3) Beginning Sociology in Education
  - 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Major\*
  - Practicum Block: EDUC-4884(3) Practicum Block-Red River College
  - EDUC-4404(3) School System
  - EDUC-4410(3) Introduction to Aboriginal Education
  - EDUC-4501(3) Introduction to Special Education
  - EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
  - 3 Credit hours of Special Education II Courses
- \* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

#### GRADE POINT REQUIREMENTS

- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all degree and diploma requirements.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

**NOTE:** Also see "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC-2514(1) (WEC), EDUC-3810(6), EDUC-3811(2) and EDUC-3814(2) (WEC)" in the Faculty of Education General Information section for more information.

## REQUIREMENTS FOR BA OR BSc GRADUATES TO OBTAIN THE JOINT UW/RRC BEd IN BUSINESS TEACHER EDUCATION OR INDUSTRIAL ARTS/TECHNOLOGY TEACHER EDUCATION (AFTER-DEGREE PROGRAMS)

#### ADMISSION REQUIREMENTS

- Space in the Joint UW/RRC After-Degree BEd programs is limited, and not all eligible applicants may be admitted.
- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Applicants must have completed a first undergraduate degree. Minimum 90 credit hour degree.
- Depending on the content of the first degree, advance credit may be granted for Red River courses. If admitted to the 2-Year After Degree program, students must complete an additional 60 credit hours. If admitted to the 3-Year After Degree program, students must complete an additional 90 credit hours. Advance standing in Red River courses will be evaluated by the Chair of Teacher Education, Red River College.

**NOTE:** Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA or BSc degree will lose a significant number of credit hours.

#### **GRADUATION REQUIREMENTS**

Minimum 150 credit hours total for graduation (2-Year After-Degree program in Business Teacher Education); minimum 180 credit hours total for graduation (3-Year After-Degree program in Business Teacher Education or 3-Year After-Degree program in Industrial Arts/Technology Teacher Education).  
Minimum 60 credit hours which meet all BEd requirements.  
Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd Degree.

#### **RESIDENCE REQUIREMENTS**

Minimum 48 credit hours in course work completed at UW and RRC; minimum 15 credit hours taken at UW, which must include all practicum and curriculum, instruction and assessment courses.

#### **REQUIRED COURSES**

##### **(After-Degree Program)**

##### **Joint UW/RRC Business Teacher Education**

**NOTE:** Students must have completed 18 credit hours of appropriate courses in a teachable minor, prior to enrolling in the related Senior Years Curriculum, Instruction and Assessment course and associated practicum. Completion of a teachable minor may require courses beyond the first degree.

##### **Red River College courses:**

- ACCT-1975 Fundamentals of Accounting
- ACCT-2245 Intermediate Accounting
- BUSA-1305 Business Organization and the Consumer
- COMP-1993 Keyboarding & Print Communications
- COMP-1994 Software Applications
- COMP-1995 Computerized Accounting
- COMP-1996 Multimedia & Digital Applications
- EDUC-1074 Commercial Law
- EDUC-1075 Business Education Methods and Practicum
- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-2001 Business Education Methods and Practicum
- EDUC-2002 Teaching Print and Business Communications
- EDUC-2003 Teaching Software Applications & Accounting
- MRKT-1751 Marketing
- MRKT-2090 Retail Management
- PRAC-3327 Business Student Teaching

Two of the following three courses:

- COMM-1067 Information and Communication Tech
- EDUC-1080 Topics in Business Education
- EDUC-1003 Animation and Digital Applications

##### **University of Winnipeg courses:**

- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor\*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-4404(3) School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4821(3) Middle Years Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
- 3 credit hours of Special Education II Courses
- 3 credit hours chosen from:
  - EDUC-2232(3) Conflict Resolution in Educational Settings
  - EDUC-3400(3) Educational Settings and the Sociology of Learning
  - EDUC-4401(3) Just and Effective Schools
  - HIST-2514(3) History of Canadian Education
  - PHIL-2291(3) History of Educational Ideas (Philosophy course)
  - SOC-1105(3) Beginning Sociology in Education

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education Program residency requirements.

#### **REQUIRED COURSES**

##### **(After-Degree Program)**

##### **Joint UW/RRC Industrial Arts/Technology Teacher Education**

**NOTE:** Students must have completed 18 credit hours of appropriate courses in a teachable minor, prior to enrolling in the related Senior Years Curriculum, Instruction and Assessment course and associated practicum. Completion of a teachable minor may require courses beyond the first degree.

##### **Red River College courses:**

- EDUC-1076 Seminar and School Experience
- EDUC-1077 Testing and Evaluation
- EDUC-1078 Course Development
- EDUC-1081 Manufacturing Technology-Introduction
- EDUC-1083 Construction Technology-Introduction 1

- EDUC-1084 Power and Energy Technology-Introduction 1
- EDUC-1085 Industrial Arts Education Methods and Practicum 1
- EDUC-1086 Organizing Technology Education Facilities
- EDUC-1116 Graphic Communications Tech 1
- EDUC-2070 Construction Technology -Intermediate
- EDUC-2071 Power and Energy Technology-Intermediate
- EDUC-2089 Manufacturing Technology-Intermediate
- EDUC-2090 Industrial Arts Education Methods and Practicum 2
- EDUC-2091 Teaching Industrial Arts/Technology Education
- EDUC-2095 Graphic Communications Tech 2
- EDUC-3225 Manufacturing Technology-Advanced
- EDUC-3226 Construction Technology-Advanced
- EDUC-3227 Power and Energy Technology-Advanced
- EDUC-3229 Graphic Communications Technology-Advanced
- PRAC-3008 Industrial Arts Student Teaching

**University of Winnipeg courses:**

- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor\*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-4404(3) School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4821(3) Middle Years Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
- 3 Credit hours of Special Education II Courses
- 3 credit hours chosen from:
  - EDUC-2232(3) Conflict Resolution in Educational Settings
  - EDUC-3400(3) Educational Settings and the Sociology of Learning
  - EDUC-4401(3) Just and Effective Schools
  - HIST-2514(3) History of Canadian Education
  - PHIL-2291(3) History of Educational Ideas (Philosophy course)
  - SOC-1105(3) Beginning Sociology in Education

\*Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

**GRADE POINT REQUIREMENTS**

- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.
- NOTE:** Also see "Rules and Regulations Governing the After-Degree Program" in the Faculty of Education General Information section for more information.

**REQUIREMENTS FOR THE JOINT UW/RRC VOCATIONAL  
TEACHER EDUCATION PROGRAM**

**ADMISSION REQUIREMENTS**

- Students must have completed the RRC Vocational Teacher Education Diploma before being admitted to the UW BEd Program.
- Students must meet regular or mature admission requirements.
- Students **accepted** to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- NOTE:** Students are advised that courses taken at Red River College will not normally be credited toward other degree programs. For example, students who withdraw from the Joint UW/RRC teacher education program and wish to pursue only a BA or BSc degree will lose a significant number of credit hours.

**GRADUATION REQUIREMENTS**

Minimum 150 credit hours in RRC transfer credits and UW credits which meet all degree requirements as outlined for the 5-year Bachelor of Education Degree. Students may receive up to 90 credit hours of RRC credits, and will normally be required to complete 60 credit hours at UW.

**RESIDENCE REQUIREMENTS**

Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENTS**

- Teachable Minor: Minimum 18 credit hours
- Professional/Support Courses: Minimum 30 credit hours, which may include some required courses.
- General Electives: To bring total UW credits to 60 credit hours.

**REQUIRED COURSES**

**Joint UW/RRC Vocational Teacher Education Program**

- 6 credit hours in Senior Years Curriculum, Instruction & Assessment\*
- Note: Students may choose to complete Senior Years Curriculum, Instruction & Assessment courses appropriate to their minor, or they may complete Senior Years Curriculum, Instruction & Assessment: General Methods. Students are advised that if they choose to register for the Senior Years Curriculum, Instruction & Assessment courses related to their minor, they will have to be available to take classes during the day, in the regular Fall/Winter academic year.
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-4404(3) School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
- 3 Credit hours of Special Education II Courses
- 6 credit hours of Professional or Support courses

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

### GRADE POINT REQUIREMENTS

- Students must obtain a 2.0 GPA (C) on 60 credit hours taken at UW to complete degree requirements.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.

## REQUIREMENTS FOR THE INTEGRATED BEd/BA OR BSc JOINT UW/RRC ABORIGINAL LANGUAGE TEACHER EDUCATION PROGRAM

### ADMISSION REQUIREMENT

- Students must be admitted by both institutions.
- Students must meet Regular or Mature status admission requirements.
- Students currently registered in a BA or BSc program, or students who have completed a first undergraduate degree, may apply to the Joint UW/RRC program.
- Students will typically complete the Aboriginal Language Specialist Diploma at Red River College prior to beginning studies at the University of Winnipeg but may be enrolled concurrently if they wish.
- The Joint UW/RRC Education Selection Committee will select students on the basis of their academic qualifications and admissibility to the program.
- Students **accepted** to the program will be required to submit a Criminal Record Check including a Vulnerable Sector Screening, and a Child Abuse Registry Check before admission can be finalized.
- Students are admitted to the program for studies commencing in the Fall Term.

### GRADUATION REQUIREMENTS

150 credit hours which meet all degree requirements as outlined for the Integrated BEd/BA or BSc Joint UW/RRC Aboriginal Language Teacher Education Program.

### RESIDENCE REQUIREMENTS

Minimum 84 credit hours in coursework taken at UW and RRC; minimum 48 credit hours at UW.  
BA/BSc: minimum 30 credit hours.  
BEd: minimum 54 credit hours in coursework taken at UW and RRC; minimum 18 credit hours at UW which must include all practicum and, curriculum, instruction, and assessment courses.  
Teachable major: minimum 18 credit hours.

### GENERAL DEGREE REQUIREMENTS

Major: Minimum 30 credit hours in a teachable subject.  
Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### REQUIRED COURSES

#### (Integrated BEd/BA or BSc Degree)

#### Joint UW/RRC Aboriginal Language Stream

#### Red River College courses:

- Completion of the Aboriginal Language Specialist Diploma at Red River College.

#### University of Winnipeg courses:

- EDUC-2513(3) Learning Theory\*
- EDUC-4821(3) Middle Years Education
- 3 credit hours to fulfill the Education Foundations Requirement chosen from:
  - EDUC-3400(3) Educational Settings and the Sociology of Learning
  - HIST-2514(3) History of Canadian Education
  - PHIL-2291(3) History of Educational Ideas (Philosophy course)
  - SOC-1105(3) Beginning Sociology in Education
- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Major\*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-4404(3) School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
- 3 Credit hours of Special Education II Courses

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

**NOTE:** Requirements are subject to change.

### GRADE POINT REQUIREMENTS

- Students must obtain a 2.0 GPA (C) on 150 credit hours and meet all degree and diploma requirements.
- Students must obtain a 2.0 GPA (C) in the courses utilized toward the major.
- A student whose GPA falls below the minimum performance level and/or is on probation will be withdrawn from the program. For the "Minimum Grade Points Required to Continue" see Academic Regulations and Policies.  
Note: See also "Performance in Courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC) EDUC-3810/4.5 and EDUC-3811(1).5" in the BEd General Information section for more information.

## REQUIREMENTS FOR BA OR BSc GRADUATES TO OBTAIN THE JOINT UW/RRC BEd IN ABORIGINAL LANGUAGE TEACHER EDUCATION (AFTER-DEGREE BEd PROGRAM)

### ADMISSION REQUIREMENT

- Space in the Joint UW/RRC After-Degree BEd program is limited, and not all eligible applicants may be admitted.
- Students must be admitted by both institutions. As admission to Red River College is contingent upon acceptance by the University of Winnipeg, students must submit their application to the University of Winnipeg.
- Applicants must have completed a first undergraduate degree. Minimum 90 credit hour degree.

### GRADUATION REQUIREMENTS

Minimum 150 credit hours total for graduation with the second degree.  
60 credit hours which meet all BEd requirements.

### RESIDENCE REQUIREMENT

Degree: Minimum 48 credit hours, including all practicum, curriculum, instruction and assessment courses.

### REQUIRED COURSES

#### (After Degree Program)

#### Joint UW/RRC Aboriginal Language Stream

#### Red River College courses:

- L96-A002 Aboriginal Writing 1
- L96-A005 Introduction to Linguistics
- L96-A008 Seminar on Traditional Teachings
- L96-A012 Introduction to Translation
- L96-A201 Aboriginal Writing 2
- L96-A204 Algonquian Linguistics 2
- L96-A207 Seminar on Traditional Teachings 2
- L96-A213 Translation 2
- L96-A207a Seminar on Traditional Teachings 3
- L96-A213a Translation 3
- L96-A201a Aboriginal Writing 3
- L96-A204a Algonquian Linguistics 3
- B22-E203 Course Development
- L96-A3XX Curriculum, Instruction & Assessment: Aboriginal Language Education 1
- B22-E204 Educational Testing and Evaluation
- L96-A3YY Curriculum, Instruction & Assessment: Aboriginal Language Education 2
- B22-T110 Seminar & School Experience
- L96-A013 Aboriginal Language Education: Methods and Practicum I
- L96-A212 Aboriginal Language Education: Methods and Practicum II
- B22-T212 Student Teaching - Major

#### University of Winnipeg courses:

- 6 credit hours in Senior Years Curriculum, Instruction & Assessment: Minor\*
- Practicum Block: EDUC-4884(3) Practicum Block-Red River College
- EDUC-4404(3) School System
- EDUC-4410(3) Introduction to Aboriginal Education
- EDUC-4501(3) Introduction to Special Education
- EDUC-4821(3) Middle Years Education
- EDUC-4870(3) Senior Years Curriculum, Instruction & Assessment: Literacy Across the Curriculum\*
- 3 Credit hours of Special Education II Courses
- 3 credit hours chosen from:
  - EDUC-2232(3) Conflict Resolution in Educational Settings
  - EDUC-3400(3) Educational Settings and the Sociology of Learning
  - EDUC-4401(3) Just and Effective Schools
  - HIST-2514(3) History of Canadian Education
  - PHIL-2291(3) History of Educational Ideas (Philosophy course)
  - SOC-1105(3) Beginning Sociology in Education

\* Courses which are highlighted with an asterisk indicate those courses that must be completed at the University of Winnipeg as part of the Faculty of Education residency requirements.

**NOTE:** Requirements are subject to change.

### GRADE POINT REQUIREMENTS

- Students must obtain a minimum 2.0 GPA (C) over the 60 credit hours used toward the BEd degree.

**NOTE:** Also see "Rules and Regulations Governing the After-Degree Program" in the Faculty of Education General Information section for more information.

## REQUIREMENTS FOR POST-BACCALAUREATE DIPLOMA IN EDUCATION (PBDE)

### ADMISSION REQUIREMENTS

To be considered for the University of Winnipeg PBDE, candidates must meet the following requirements:

- Have maintained a minimum GPA of 2.0 in all degree or after-degree programs.
- Hold a Bachelor of Education degree (or equivalent), or
- Hold a Bachelor's degree in an area other than Education, plus a full two years of related work experience.

## PROGRAM REQUIREMENTS

The Post-Baccalaureate Diploma in Education at the University of Winnipeg is subject to the following requirements:

- Students must complete 30 credit hours of course work to earn their PBDE.
- All 30 of those credit hours must be University of Winnipeg Education courses at the 5,000 level (which also fulfills the Residency Requirement).
- Although the entire Program might be comprised of Education courses, a maximum of 12 credit hours may be below the 5,000 level and taken from any Faculty. (Students, however, may not count courses at the 1,000 level or lower).
- A maximum of 12 credit hours may be taken from other post-secondary institutions and, upon approval from the Faculty of Education, transferred to the University of Winnipeg's PBDE Program.
- There will be no credit given for professional development sessions (i.e. only formal university courses will be accepted for the PBDE).
- Students must achieve a minimum grade of C+ in all PBDE courses.

## REQUIREMENTS FOR MASTER'S IN EDUCATION IN ASSOCIATION WITH THE UNIVERSITY OF NEW ENGLAND, ARMIDALE, AUSTRALIA

- Currently under development. Please check our website for more information: [www.uwinnipeg.ca/academic/as/education](http://www.uwinnipeg.ca/academic/as/education)

## GENERAL INFORMATION

### Course Selection, Advising and Registration Information - Integrated Program, Years 1-3

- Education students are advised through the Faculty of Education Academic Advisors located in the Faculty of Education Main Office area.
- Newly admitted students must attend an orientation prior to registering. Orientations are held throughout May, June, and July. Dates of orientations will be provided in the registration materials students receive upon acceptance into the program.
- Registration materials can be found on-line beginning in mid-March. Specific materials necessary to registration are contained in these kits.
- Returning students are advised to participate in "early advising" which takes place in January, February, and March. Appointments can be made in the Faculty of Education Main Office in early January. It is highly recommended that returning students receive advising before completing the end of second term.
- Students are assigned a time to register and these appointment times are determined on the basis of credit hours completed and the student's grade point average. All Education students require certain compulsory Education courses throughout their program in order to meet requirements. These courses will fill on a first-come, first-served basis based during the assigned registration appointment times. Therefore, we recommend the following:
  1. Register at your appointed time in order to get the best selection of courses and sections.
  2. If one section of a required Education course is full, select and register for another section of that course. While you may wish to add your name to a wait list for your preferred section, it is in your best interest to be registered for the required course. Remember that all Education students require these compulsory courses and withdrawals from the courses or movement from one section to another is unlikely.
- Education students cannot register for school practicum courses during late registration periods (September and January) due to the lead-time necessary to arrange for a school placement.

### Course Selection, Advising and Registration Information - Certification

- Certification students will be assigned an appointment time to register during Tier 2 and it is expected that students will register during this time. If a student does not register at their appointed time, the Faculty of Education will not guarantee entry into courses that have filled and the student may require an additional year in order to complete all requirements.
- In some years certain combinations of Senior Years Curriculum, Instruction and Assessment courses may not be available. In cases like this, students will register for 6 credit hours of Senior Years Curriculum, Instruction and Assessment in one area in Year 4 and 6 credit hours of Senior Years Curriculum, Instruction and Assessment in the other area in Year 5.
- Certain requirements must be completed in certain years. For example, students in Year 4 must complete the Aboriginal Education requirement. The Faculty of Education Program reserves the right to remove a student from a course if the student does not require the course for their program that particular year in order to accommodate a student who must have the course
- The Faculty of Education reserves the right to move students from one section of a course to another section of the same course in order to balance sections and ensure that all students requiring the course are accommodated.
- We reserve the right to change a preferred course to another course which meets the same requirement if necessary to ensure that all students are able to register for the courses that they need in order to graduate.

### Withdrawal or Removal from the Faculty of Education

- BEd students who are placed on probation, suspension or not allowed to continue status will be removed from the Faculty of Education and withdrawn from any ongoing Education or practicum courses.
- BEd students who do not register at the onset of a new academic year (September) will be withdrawn from the program. This regulation does not apply to certified teachers or students who have requested in writing and received permission from a Faculty of Education Academic Advisor to be kept on hold for that academic year. Generally students can have their status in the program held for a maximum of 1 year.
- Acceptance into the Faculty of Education is for that academic year only. Admission cannot be deferred. Students declining an offer of admission must reapply if they wish to seek entry at a later date. As admission is dependent on the qualifications of the pool of applicants each year, subsequent admission cannot be guaranteed.
- Students who are admitted to the program but who do not register within the specified time will have their acceptance withdrawn and must reapply.
- Students who register and subsequently withdraw from required education courses will be removed from the program unless they have received permission from a Faculty of Education Academic Advisor to withdraw.
- The BEd degree cannot be granted without completion of a minimum of a 90 credit hour undergraduate degree; however, students in the Integrated program can claim a BA or BSc without completing the BEd portion should they wish to withdraw from the program. With the exception of the courses listed below, all Education courses can be used as credit towards an Arts or Science degree:  
EDUC-2512(1) Learning Theory Practicum  
EDUC-2514(1) Learning Theory Practicum (WEC)  
EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum

EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC)  
EDUC-4835(1) - EDUC-4842(3) EY C,I & A (all areas)  
EDUC-4843(1) - EDUC-4850(3) MY C,I & A (all areas)  
EDUC-4851(1) Professional Development Workshop  
EDUC-4852/5 - EDUC-4870(3) SY C, I & A (all areas)  
EDUC-4872(2.5) - EDUC-4883(2.5) Practicum Blocks  
EDUC-4885(1) Capstone

### **Part-time Attendance**

In Years 2-5 of the program, students are required to spend time in the schools student teaching. Students must be able to make arrangements to complete the student teaching portion of the program. For the first few years, it is possible for students to attend on a part-time basis. The certification portion of the program must be taken on a full-time basis. After-Degree students must attend both years of the program on a full-time basis.

### **Changing Streams**

Students in the Integrated Program identify a stream upon registering for Year 1. They may change their selection up until the end of Year 2 which is defined as the completion of 61 credit hours. No changes to streams will be considered in Year 3 of the program or once students have completed 61 credit hours or more.

## **FACULTY OF EDUCATION RULES AND REGULATIONS**

### **I. Performance in courses EDUC-2511(3), EDUC-2512(1), EDUC-2513(3) (RRC), EDUC-2514(1) (WEC), EDUC-2800(6), EDUC-3810(6) EDUC-3811(2) AND EDUC 3814(2)**

a) Students who receive a grade less than "C" in courses EDUC-2511(3) Learning Theory, EDUC-2513(3) Learning Theory (RRC) or EDUC-3810(6) Teaching/Learning K-8 will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course and/or practicum. Generally if a student is required to repeat a course they will be required to repeat the practicum. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed, or
2. be withdrawn from the Faculty of Education.

b) Students who do not pass courses EDUC-2512(1) Learning Theory Practicum, EDUC-2514(1) Learning Theory Practicum (WEC), EDUC-2800 Service Learning, or EDUC-3811(2) Teaching/Learning K-8 Practicum or EDUC 3814(2) Teaching /Learning K-8 Practicum (WEC) will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course and/or practicum. Generally if a student is required to repeat a course they will be required to repeat the practicum. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed, or
2. be withdrawn from the Faculty of Education.

c) Students will not be allowed to register for the next compulsory education course and practicum until they have completed the previous compulsory education course and practicum.

d) If a student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.

e) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Program.

### **II. Rules and Regulations Governing Years 4 and/or 5 (Certification) of the Integrated Program**

a) Students must apply to enter the certification portion of the program. Generally this application must be received by mid-January for certification in September of that year. In order to be eligible to enter certification year 4 students must have completed 91 credit hours of the appropriate coursework for their stream with an overall grade point average of 2.0 and an average of 2.0 in their major. In order to be eligible to enter certification year 5 students must have completed all year 4 requirements.

b) Students who have been accepted into certification year 4 or 5 and who are unable to attend can request to have their space in the program held for a maximum of one year. If, after this year, the student is still unable to attend they will be withdrawn from the program and must re-apply. Readmission to the program is subject to review and is not guaranteed.

c) The Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together. For students in the Early Years, Early/Middle Years and Middle Years streams this means that the following courses must be registered for concurrently:

EDUC-4835(1)-EDUC-4842(3) Early Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks I and II,  
EDUC-4843(1)-EDUC-4850(3) Middle Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks III and IV.

For students in the Senior Years stream the following courses must be registered for concurrently: Senior Years Curriculum, Instruction and Assessment: Major and Senior Years Curriculum, Instruction and Assessment: Minor and Practicum Blocks I and II, and Senior Years Curriculum, Instruction and Assessment: Alternative and Practicum Blocks III and IV.

d) The BEd Office will assign students to particular sections of Curriculum, Instruction and Assessment courses and students may have a restricted choice of elective courses. Students must adhere to the timetable to which they have been assigned.

e) Students are required to attend the "start of school" experience which takes place at the beginning of the school year in each of years 4 and 5. Typically this takes place in late August before university lectures begin and is an integral part of the practicum component of certification.

Students who do not attend the start of school experience will be asked to withdraw from certification for that year.

f) Several credit bearing components of certification (e.g., Professional Development Workshops, Capstone courses, practicum blocks) will take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.

g) Certification year students are expected to be available for classes on a full-time basis every day from 8:30 a.m - 6:30 p.m. All other activities or commitments must be worked around the assigned timetable. Students who cannot make this commitment are advised to defer their certification.

h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to



repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed.

2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee may recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.

3. That the student be withdrawn from the Faculty of Education.

i) In order to be eligible to enter Year 5, students must have completed all Year 4 requirements. Students who do not complete certification year 4 or certification year 5 in the allotted time will have their status in the Faculty of Education reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course, or

2. be withdrawn from the Faculty of Education.

j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together, students may not withdraw from some C, I & A courses while remaining in others.

k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of either year 4 or year 5 but not both. Students who do not successfully complete certification years 4 and 5 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the program.

l) Certification students who are placed on probation, suspension or not allowed to continue status will be removed from the BEd Program. If the student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.

m) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Program.

### III. Rules and Regulations Governing the After-Degree Program

a) Students who have been accepted into the After-Degree Program but do not register or begin classes will be withdrawn from the program. They will not be able to "hold" their spot in the program. Such students may reapply at a future date but as admission is dependent on the qualifications of the pool of applicants each year, subsequent admission is not guaranteed. After-Degree students are admitted to the program on the basis of the stream that they select when they apply. Therefore, they cannot change streams once they have been accepted.

b) The After-Degree Program must be taken on a full-time basis as the Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together. For students in the Early Years, Early/Middle Years and Middle Years streams this means that the following courses must be registered for concurrently: EDUC-4835(1)-EDUC-4842(3) Early Years Curriculum, Instruction and Assessment (all areas) and Practicum Blocks I and II, EDUC-4843(1)-EDUC-4850(3) Middle Years Curriculum, Instruction and Assessment (all areas) and Practicum Block III and IV. For students in the Senior Years stream the following courses must be registered for concurrently: Senior Years Curriculum, Instruction and Assessment: Major and Senior Years Curriculum, Instruction and Assessment: Minor and Practicum Blocks I and II, and Senior Years Curriculum, Instruction and Assessment: Alternative and Practicum Blocks III and IV.

c) The Faculty of Education Office will assign students to particular sections of Curriculum, Instruction and Assessment courses and students may have a restricted choice of elective courses. Students must adhere to the timetable to which they have been assigned.

d) After-Degree students are required to attend the "start of school" experience which takes place at the beginning of the school year in each of years 1 and 2. Typically this takes place in late August before university lectures begin and is an integral part of the practicum component of the program. Students who do not attend the start of school experience will be withdrawn from the Faculty of Education.

e) Some components of years 1 and 2 (e.g., Professional Development Workshops, Capstone courses, practicum blocks) will take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.

f) Certification year students are expected to be available for classes on a full-time basis every day from 8:30 a.m - 6:30 p.m. All other activities or commitments must be worked around the assigned timetable. Students who cannot make this commitment are advised to defer their certification.

g) After-Degree students who receive a grade less than C in courses EDUC-2513(3) Learning Theory (AD) and EDUC-2801(3) General Methods (AD) will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the BEd Program. Only one repeat of the course will be allowed. Due to the sequential nature of the After-Degree Program students who are required to repeat courses must wait for the following September in order to do this, or

2. The Committee may recommend that the student be allowed to continue on to the next year if all other requirements have been met.

3. That the student be withdrawn from the Faculty of Education.

h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:

1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education. Only one repeat of the course will be allowed.

2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee may recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.

3. That the student be withdrawn from the Faculty of Education.

i) In order to be eligible to enter year 2, students of the After-Degree Program must have completed all year 1 requirements. Students who do not complete years 1 and/or 2 in the allotted time will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:

1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. Due to the sequential nature of the After-Degree Program students who are required to repeat courses must wait for the following September in order to do this, or

2. be withdrawn from the Faculty of Education.

- j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together, students may not withdraw from some C, I & A courses while remaining in others.
- k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of either year 1 or year 2 but not both. Students who do not successfully complete certification years 1 and 2 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the Faculty.
- l) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

#### **IV. Rules and Regulations Governing Certification in the Joint UW/RRC Program**

- a) Students must apply to enter the certification portion (Year 5) of the program. Generally this application must be received by mid-January for certification in September of that year. In order to be eligible to enter certification year 5 students must have completed 123 credit hours of the appropriate coursework for their program with an overall grade point average of 2.0 and an average of 2.0 in their major. The UW Arts or Science major must be completed before entering Year 5.
- b) Students who have been accepted into certification year 5 and who are unable to attend can request to have their space in the program held for a maximum of one year. If, after this year, the student is still unable to attend they will be withdrawn from the program and must be re-apply. Readmission to the program is subject to review and is not guaranteed.
- c) The Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together. The following courses must be registered for concurrently: Senior Years Curriculum, Instruction and Assessment: Major and EDUC-4000(3) Special Topics: Red River College Practicum.
- d) The Faculty of Education Office will assign students to particular sections of Curriculum, Instruction and Assessment courses and students may have a restricted choice of elective courses. Students must adhere to the timetable to which they have been assigned.
- e) Students are required to attend the "start of school" experience which takes place at the beginning of the school year in year 5. Typically this takes place in late August before university lectures begin and is an integral part of the practicum component of certification. Students who do not attend the start of school experience will be asked to withdraw from certification for that year.
- f) Practicum blocks will take place outside of the regularly scheduled university year. Students will be provided with these dates in advance and will be expected to be available for all the components.
- g) Certification year students are expected to be available for classes on a full-time basis every day from 8:30 a.m - 6:30 p.m. All other activities or commitments must be worked around the assigned timetable. Students who cannot make this commitment are advised to defer their certification.
- h) Students who receive a grade less than "C" in Curriculum, Instruction and Assessment courses or who fail a block of practicum will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following:
  - 1. That the student be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course. When required to repeat a course the student will be expected to achieve a minimum grade of "C" in order to be allowed to continue in the Faculty of Education Program. Only one repeat of the course will be allowed, or
  - 2. If a student receives a grade of "D" in a Curriculum, Instruction and Assessment course, the Committee may recommend that the student be allowed to continue on to the next year or graduate if all other requirements have been met.
  - 3. That the student be withdrawn from the Faculty of Education.
- i) Students who do not complete certification year 5 in the allotted time will have their status in the program reviewed by the Performance Review Committee. As a result of this review the Committee will recommend to the Dean one of the following. That the student:
  - 1. be required to repeat the course(s) and/or practicum. Generally speaking if a student is required to repeat a course he/she will be required to repeat the practicum as the practicum is an integral part of the course, or
  - 2. be withdrawn from the Faculty of Education.
- j) Due to the fact that Curriculum, Instruction and Assessment courses and practicum blocks are tied and must be completed together, students must withdraw from certification year 5 if they are not able to complete both the Curriculum, Instruction and Assessment course and the practicum concurrently.
- k) Students will have one attempt to repeat the Curriculum, Instruction and Assessment portion and/or practicum of year 5. Students who do not successfully complete certification year 5 within the allotted time period will have their status reviewed by the Performance Review Committee and may be withdrawn from the Faculty of Education.
- l) Certification students who are placed on probation, suspension or not allowed to continue status will be removed from the BEd Program. If the student is placed on probation, suspension or not allowed to continue status at the end of the Fall Term, they will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.
- m) If, during a repeat attempt, the student withdraws from the course and/or practicum this is considered an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

#### **V. Rules and Regulations Governing Practicum Placements**

##### **A) Integrated Program and After Degree Program**

- 1. All placements will be arranged by the Student Teaching Office. Students are not allowed to arrange their own placement. All student teaching placements will be guided by the following:
  - a) students will have at least one placement in a school with inner-city characteristics
  - b) students will experience a variety of grade levels and subject areas within their chosen stream as well as at least one placement within another stream
  - c) students will be placed in more than one school division
  - d) In order to avoid a conflict of interest or a perception of conflict of interest, whenever possible students will not be placed in schools where:
    - they are currently employed;
    - they have been employed in the past;
    - they have volunteered;
    - family members attend or are employed by the school.
- 2. Adjustments to the practicum dates or to the prescribed format of the practicum will not be considered. Student teaching must be completed in the manner it is scheduled (e.g. one day per week, five week block) and during the dates that are provided.
- 3. Students who are placed on probation, suspension or not allowed to continue status at the end of the Fall Term, will be immediately withdrawn from any ongoing or Winter Term Education or practicum courses.
- 4. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.

5. Students who, after admission, show an inadequate command of spoken or written English which interferes with their ability to communicate effectively in a classroom will have to complete a proficiency test conducted by a University of Winnipeg designate. Students may be required to take further courses to improve their English which may result in withdrawal from the Faculty of Education. Continuation in the B.Ed. Program will be contingent upon approval from the Language Assessment Evaluators and the Director of Student Teaching.

#### **B) Business, Industrial Arts and Aboriginal Language Teacher Education (Integrated and After Degree Programs)**

1. Students in the Joint UW/RRC Business, Industrial Arts and Aboriginal Language Teacher Education programs are required to complete one block of student teaching in their Arts or Science major (Integrated Programs) or minor (After Degree programs).
2. All placements will be arranged by the Student Teaching Office. Students are not allowed to arrange their own school placement.
3. Students must be registered in the appropriate Senior Years Curriculum, Instruction and Assessment course when undertaking the practicum block.
4. Students may complete this block in either the Fall or Winter term.
5. Students are advised that if they have outstanding practicum requirements to complete at RRC, they will generally be required to complete the block in the Fall term.
6. Students must attend a "Start of School" experience, which takes place approximately the end of August. Students who do not participate in the Start of School experience will have their registration in the practicum block, as well as the associated Senior Years Curriculum, Instruction and Assessment course(s) cancelled.
7. Students are advised that the dates of their practicum block may fall outside of the regularly scheduled academic year.
8. Students will be required to spend two half days per week in their host school in the same term in which they will be completing their block. Students must ensure that they leave room in their timetable to accommodate this component of the practicum requirement.
9. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.

#### **C) Vocational Teacher Education**

1. Students in the Joint UW/RRC Vocational Teacher Education program are required to complete one block of practicum in their Arts or Science minor.
2. Placements will be coordinated by the Student Teaching Office.
3. Students will take 6 credit hours of Senior Years Curriculum, Instruction and Assessment.
4. Students who are completing courses on a full time basis will register for Curriculum, Instruction and Assessment courses relevant to their minor, and must register for their practicum block concurrently.
5. Students who hold full-time teaching positions, and who are therefore pursuing their university studies on a part-time basis, may take a General Curriculum, Instruction and Assessment course. These students may complete their practicum block either concurrently, or upon completion of this course.
6. Students are advised that the dates of their practicum block may fall outside of the regularly scheduled academic year.
7. Eligibility for a student teaching practicum requires that students be eligible for provincial certification. Students who are ineligible for practicum will be withdrawn from the Faculty of Education.

#### **D) Withdrawing from Practicum - All Programs**

1. Students wishing to withdraw from practicum courses (EDUC-2512(1), EDUC-3811(1).5, EDUC-4872(2.5) - EDUC-4883(2.5)) must first notify the Student Teaching Office.
2. In all cases where it is possible, the Student Teaching Office will recommend an extension to practicum rather than a withdrawal.
3. Students in years 4 and 5 (or After Degree Years 1 and 2) who are in the extended blocks of practicum, must have documented medical reasons or other documented extenuating circumstances (eg. death in the family) to withdraw from their practicum at any time throughout the course.
4. Students should note that some practicum (i.e. blocks) may only be repeated once.
5. Students who are repeating practicum as a ruling of the Performance Review Committee and who withdraw from the practicum will be considered to have made an unsuccessful attempt and the student will be withdrawn from the Faculty of Education.

#### **VI. Performance Contracts**

In some cases, students may be required to sign a Performance Contract in order to remain in the Faculty of Education.

- a) Failure to sign the contract will result in removal from the Faculty of Education.
- b) Failure to comply with the conditions of the contract can result in removal from the Faculty of Education.

#### **VII. Appeals and the Faculty of Education**

##### **a) Deferred Exams, Incomplete Term Work, and Grade Appeals**

1. Students are directed to *Section VII Academic Regulations and Policies, 8. Appeals* for information on these appeals and deadlines.

##### **b) BEd Performance Review Committee (PRC)**

1. The Faculty of Education Performance Review Committee deals with the following items:
  - Students in the Integrated BEd Program who receive grades below C in EDUC-2511(3) Learning Theory or EDUC-3810(6) Teaching/Learning and the K-8 Curriculum.
  - Students in the Integrated Program who do not pass EDUC-2512(1) Learning Theory Practicum or EDUC-2514(1) Learning Theory Practicum (WEC) or EDUC-3811(2) Teaching/Learning and the K-8 Curriculum Practicum or EDUC-3814(2) Teaching/Learning and the K-8 Curriculum Practicum (WEC).
  - Students in the Joint UW/RRC Program who receive grades below C in EDUC-2513(3) Learning Theory (RRC).
  - Students in the After Degree Program who receive grades below C in EDUC-4002(6) Foundations of Teaching and Learning.
  - Students who receive grades below C in Curriculum, Instruction and Assessment courses.
  - Students who fail a block of practicum.
  - Students who do not complete certification year or who do not complete the certification portion of the program within the allotted time.
  - Students who wish to enter certification and who have not met the minimum requirements (i.e., completion of 91 c.h. with an overall average of 2.0 and a 2.0 average in the major)
  - Readmissions to the program in relation to currency requirements.
  - Any other issues that may arise related to the performance of students in the program.
2. The PRC typically meets in January and May of each year.
3. Students will be notified in writing of the decision of the PRC.
4. Students may meet with the Dean of Education for explanation or clarification of the PRC decision.

5. Students wishing to appeal the PRC decision beyond the Education Program should direct an appeal to the Senate Appeals Committee.
6. There are two grounds for appealing the decision of the PRC:
  - The student has reason to believe that all pertinent information was not available when the case was considered by the PRC.
  - The student has reason to believe and can demonstrate that the PRC did not give the appeal a fair hearing.
7. Students have 15 working days from the date of the written decision of the PRC to submit an appeal to the Senate Appeals Committee.

#### **VIII. Currency Requirement**

Students who withdraw from the program and seek readmission at a later date are advised that education courses completed more than 5 years prior to readmission will be reviewed for currency. Students may be required to repeat some or all of these courses.

#### **IX. Standards of Professional Conduct for Pre-Service Teachers**

The Faculty of Education at the University of Winnipeg is committed to maintaining its students' freedom of thought, belief, opinion and expression. As a professional program we are committed to assisting students in becoming professionals. The Faculty of Education has the responsibility of fostering the academic freedom of students within the context of professional standards of conduct and also has the responsibility of fostering the academic freedom of students with respect for the needs of the learner. The standards describe professional characteristics and behaviours students are expected to develop and demonstrate during practicum and course work. Students who do not demonstrate these professional standards may be referred to the Faculty of Education Performance Review Committee.

- a) In keeping with the Canadian Charter of Rights and Freedoms the student will respect the dignity and rights of all persons.
- b) The student acts in a responsible manner which includes being punctual, dependable and trustworthy in class and during practicum.
- c) The student maintains positive interpersonal relationships with peers, faculty, school personnel and pupils by contributing, cooperating, participating and working with others in a professional manner.
- d) The student demonstrates a commitment to teaching by taking initiative, showing enthusiasm, and showing an interest in learning about teaching.
- e) The student directs any criticism of the professional activity of others to that person and only then, after informing them of the intent to do so, may direct in confidence the criticism to appropriate officials. It shall not be considered a breach of this clause to report reasonable grounds for suspecting child abuse to proper authorities according to legal requirements.
- f) The student respects the confidentiality of information about pupils, peers, school personnel, or faculty received in confidence or in the course of professional duties.

#### **X. Attendance Policy**

The Bachelor of Education Program leads to a professional degree. Accordingly, students are expected to attend, be punctual and participate in all classes. These expectations acknowledge their importance for the teaching and learning process and the professional responsibilities of teachers. These expectations are implicit in Education courses, but may be emphasized explicitly in addition to the University of Winnipeg's academic regulations concerning attendance (see Section VII Academic Regulations and Policies, 2a Attendance).

#### **XI. Professional Development**

The Faculty of Education prides itself on preparing well-rounded professional teachers who are committed to life-long learning and professional development. In keeping with this goal the faculty offers a professional development program each year for all students designed to supplement their regular coursework. This non-credit program is voluntary but students are strongly encouraged to participate in order to enhance their understand of the classroom context and to develop additional skills beyond those acquired through academic and practicum courses. Participation in the program is considered a professional responsibility and in keeping with the expectations that will be held for them in their role as a classroom teacher.

The Professional Development Program consists of a series of seminars offered throughout the fall and winter terms. They are typically offered no more than once a week for an hour during the free slot and the topics are posted in advance. The series concludes each term well before the start of the exam period. Students receive a participation certificate for attendance at each seminar. Many students opt to include these certificates in their teaching portfolios as an indication of their commitment to professional development and the practice of life-long learning.

The topics covered in the professional development sessions are varied. They are designed to provide information and ideas that are supplementary to students' coursework but which relate to the role of the classroom teacher. Many of the sessions are delivered by representatives of organizations whose activities are related to and supportive of the educational process in schools. Others are delivered by university faculty. The topics vary each year but a representative sample of the topics includes the following:

Working with Behaviorally and/or Emotionally At-Risk Children and Youth.  
Violence and Abuse Prevention  
Developing Resiliency in Youth Through Mentoring  
Teaching in an International Setting  
Summer Projects for Inner City Children and Youth  
Overcoming Math Anxiety in Pre-Service Teachers

#### **XII. Removal from Faculty of Education**

Students may be removed from the University of Winnipeg, Faculty of Education programs for one or more of the following reasons:

1. Failure to meet or maintain academic grade-point requirements as established by the University of Winnipeg and the Faculty of Education. In the case of academic Probation or Not Allowed to Continue Status, withdrawal is automatic and will take place without a review or further procedure.
2. As a result of a ruling by the Performance Review Committee (see Faculty of Education Program Rules and Regulations in the General Calendar for more information).
3. As a result of behaviour judged to be in violation of the Manitoba Teachers Society Code of Professional Practice or the Standards of Professional Conduct for Pre-Service Teachers (see Section IX of Faculty of Education Rules and Regulations in the General Calendar for more information).
4. Failure to sign a Performance Contract.
5. Non-compliance with the conditions of a Performance Contract.
6. Ineligibility for a practicum placement.
7. As the result of a change in the status of a Criminal Record or Child Abuse Registry entry.

a) Students who appear on the Child Abuse Registry will be immediately withdrawn from the Faculty and any ongoing Education courses.

b) Students reporting a change in the status of their criminal record will have their case evaluated by the Legal Records Check Committee. They will be informed of the Committee's decision in writing. Students who are not allowed to continue in the Faculty of Education will be immediately withdrawn from the Faculty and any ongoing Education courses.

8. As a result of academic or non-academic misconduct.

## TEACHING MAJORS/MINORS/CONCENTRATIONS AND REQUIRED COURSES

Teaching areas and required courses are summarized in Tables I, II and III located at the end of this section.

### COURSE LISTINGS

EDUC-1801(3)	Education Today: An Introduction to Teaching	EDUC-4840(1)	Early Years Curriculum, Instruction and Assessment: Music
EDUC/CRS-2232(3)	Introduction to Conflict Resolution in Educational Settings	EDUC-4841(3)	Early Years Curriculum, Instruction and Assessment: Science
EDUC/CRS-2242(3)	Methods of Conflict Resolution in Educational Settings	EDUC-4842(3)	Early Years Curriculum, Instruction and Assessment: Social Studies
EDUC-2511(3)	Learning Theory	EDUC-4843(1)	Middle Years Curriculum, Instruction and Assessment: Art
EDUC-2512(1)	Learning Theory Practicum	EDUC-4844(1)	Middle Years Curriculum, Instruction and Assessment: Drama
EDUC-2513(3)	Learning Theory (AD, RRC)	EDUC-4845(1)	Middle Years Curriculum, Instruction and Assessment: Physical Education/Health Education
EDUC-2514(1)	Learning Theory Practicum (WEC)	EDUC-4846(3)	Middle Years Curriculum, Instruction and Assessment: Reading and the English Language Arts
EDUC-2601(3)	Introduction to Information Technology for Educators	EDUC-4847(3)	Middle Years Curriculum, Instruction and Assessment: Mathematics
EDUC-2800(3)	Educational Leadership within a Service-Learning Framework	EDUC-4848(1)	Middle Years Curriculum, Instruction and Assessment: Music
EDUC-2801(3)	General Methods for the Early/Middle Years	EDUC-4849(3)	Middle Years Curriculum, Instruction and Assessment: Science
EDUC-3400(3)	Educational Settings and the Sociology of Learning	EDUC-4850(3)	Middle Years Curriculum, Instruction and Assessment: Social Studies
EDUC-3810(6)	Teaching/Learning and the K-8 Curriculum	EDUC-4851(1)	Professional Development Workshop
EDUC-3811(2)	Teaching/Learning and the K-8 Curriculum Practicum	EDUC-4852/5	Senior Years Curriculum, Instruction and Assessment: Alternative
EDUC-4000(3)	Special Topics in Education	EDUC-4853(3)	Senior Years Curriculum, Instruction and Assessment: Biology
EDUC-4001(3)	Independent Study	EDUC-4854(3)	Senior Years Curriculum, Instruction and Assessment: Chemistry
EDUC-4002(6)	Foundations of Teaching and Learning	EDUC-4855(6)	Senior Years Curriculum, Instruction and Assessment: English
EDUC-4102(3)	Introduction to Teaching English as an Additional Language	EDUC-4856(6)	Senior Years Curriculum, Instruction and Assessment: French
EDUC-4400(3)	Critical Pedagogy and Student Diversity	EDUC-4857(3)	Senior Years Curriculum, Instruction and Assessment: Geography
EDUC-4401(3)	Just and Effective Schools	EDUC-4858(3)	Senior Years Curriculum, Instruction and Assessment: German
EDUC-4403(3)	Education for Multicultural Settings	EDUC-4859(3)	Senior Years Curriculum, Instruction and Assessment: Health
EDUC-4404(3)	The School System: Structure and Dynamics	EDUC-4860(6)	Senior Years Curriculum, Instruction and Assessment: History
EDUC-4405(3)	Inner-City Teaching Practices	EDUC-4861(6)	Senior Years Curriculum, Instruction and Assessment: Mathematics
EDUC-4406(3)	Programming for Special Needs	EDUC-4863(3)	Senior Years Curriculum, Instruction and Assessment: Kinesiology
EDUC-4407(3)	Enrichment and Talent Development	EDUC-4864(3)	Senior Years Curriculum, Instruction and Assessment: Physics
EDUC-4408(3)	Issues with At-Risk Children and Youth	EDUC-4865(3)	Senior Years Curriculum, Instruction and Assessment: Theatre & Drama
EDUC-4409(3)	Mentoring At-Risk Youth	EDUC-4866(3)	Senior Years Curriculum, Instruction and Assessment: History and Philosophy of Science and Science Teaching
EDUC-4410(3)	Introduction to Aboriginal Education	EDUC-4867(3)	Senior Years Curriculum, Instruction and Assessment: Performance Production
EDUC-4501(3)	Introduction to Special Education	EDUC-4868(3)	Curriculum, Instruction and Assessment: Principles of Learning
EDUC-4600(3)	Critical Literacy for Empowerment	EDUC-4869(3)	Senior Years Curriculum, Instruction and Assessment: Theory of Science Teaching
EDUC-4601(3)	Computer Assisted Multi-Media Learning	EDUC-4870(3)	Senior Years Curriculum, Instruction and Assessment: Literacy Across the Curriculum
EDUC-4602(3)	Senior Years Curriculum, Instruction and Assessment: Integrating Technology into Senior Years Teaching		
EDUC-4700(3)	The Adult Learner: An Introduction to Adult Education		
EDUC-4701(3)	Creating and Managing Effective Learning Environments		
EDUC-4820(3)	Early Years Education		
EDUC-4821(3)	Middle Years Education		
EDUC-4835(1)	Early Years Curriculum, Instruction and Assessment: Art		
EDUC-4836(1)	Early Years Curriculum, Instruction and Assessment: Drama		
EDUC-4837(1)	Early Years Curriculum, Instruction and Assessment: Physical Education/Health Education		
EDUC-4838(3)	Early Years Curriculum, Instruction and Assessment: Reading and the English Language Arts		
EDUC-4839(3)	Early Years Curriculum, Instruction and Assessment: Mathematics		

EDUC-4871(6) Senior Years Curriculum Instruction and Assessment: Curriculum Design  
 EDUC-4872(2.5) Practicum Block I - Early Years  
 EDUC-4873(2.5) Practicum Block I - Middle Years  
 EDUC-4874(2.5) Practicum Block I - Senior Years  
 EDUC-4875(2.5) Practicum Block II - Early Years  
 EDUC-4876(2.5) Practicum Block II - Middle Years  
 EDUC-4877(2.5) Practicum Block II - Senior Years  
 EDUC-4878(2.5) Practicum Block III - Early Years  
 EDUC-4879(2.5) Practicum Block III - Middle Years  
 EDUC-4880(2.5) Practicum Block III - Senior Years  
 EDUC-4881(2.5) Practicum Block IV - Early Years  
 EDUC-4882(2.5) Practicum Block IV - Middle Years  
 EDUC-4883(2.5) Practicum Block IV - Senior Years  
 EDUC-4884(3) Practicum Block - Red River College  
 EDUC-4885(1) Capstone  
 EDUC-4890(3) Senior Years Curriculum, Instruction And Assessment: General Methods

EDUC-4891(3) Practicum Block - Vocational Education  
 EDUC-5001(3) Special Topics in Education  
 EDUC-5401(3) Creative Problem Solving  
 EDUC-5402(3) Expanding Gifted Education  
 EDUC-5403(3) Meeting the Needs of FAS/FAE Students  
 EDUC-5404(3) Reaching the ADHD Child  
 EDUC-5405(3) Reclaiming Troubled Children and Youth  
 EDUC-5406(3) Steps to Achieving Real-life Skills  
 EDUC-5407(3) Teaching At-Risk Readers  
 EDUC-5408(3) Teaching At-Risk Students in the Inner-City School  
 EDUC-5410(3) Understanding and Responding to Learning Disabilities  
 EDUC-5411(3) Youth Violence in Schools  
 EDUC-5412(3) Gifted Education in the Inner-City

## COURSE DESCRIPTIONS

**EDUC-1801(3) EDUCATION TODAY: AN INTRODUCTION TO TEACHING (Le3)** This course offers a survey for those interested in the Manitoba K-S4 education system. Its major objective is to further students' understanding of the relevant social, legal, and political factors that provide the context for life in the classroom and for the teacher-student relationship. This course is intended for all students interested in entering the BEd program and for students with a general interest in the Manitoba K-S4 education system.  
**RESTRICTIONS:** Students may not receive credit for both EDUC-1801(3) and the former EDUC-1001(3) or EDUC-1002(3).

**EDUC-2232(3) INTRODUCTION TO CONFLICT RESOLUTION IN EDUCATIONAL SETTINGS (Le3)** This course will present an introduction to the theory and methods of conflict resolution, with special emphasis on conflict in educational settings. The course will help students to understand the nature of human conflict, responses to conflict, and models for constructive ways to deal with conflict between and among individuals and groups. Topics will include anger, power, creative dimensions of conflict, and mediation. These will be examined from an interdisciplinary perspective.  
**PREREQUISITES:** EDUC-1801(3) or the former EDUC-1002(3)  
**RESTRICTIONS:** Students may not hold credit in both this course and CRS/MS-1200(6).  
**CROSS-LISTED:** Conflict Resolution Studies CRS-2232(3).

**EDUC-2242(3) METHODS OF CONFLICT RESOLUTION IN EDUCATIONAL SETTINGS (Le3)** This course will provide practical applications of conflict resolution skills, for teaching conflict resolution and for the implementation of conflict management programs from elementary to secondary levels. Practical skills for conflict resolution in the classroom, in the home, in the peer group, and in staff relations will be developed. Areas of skill learning will include conflict mediation, listening skills, responding to anger and violence, and classroom management. A practicum component will be included to provide the opportunity to link theory to practice.  
**PREREQUISITES:** EDUC/CRS-2232(3) or EDUC-1801(3) or EDUC-1002(3) and CRS/MS-1200(6).  
**CROSS-LISTED:** Conflict Resolution Studies CRS-2242(3).

**EDUC-2511(3) LEARNING THEORY (Le3)** This course is an introduction to psychological principles as they apply to the practice of teaching and learning within educational contexts. The course will provide an overview of various learning theories and the implications each has for variables such as classroom interaction, motivation, instruction, assessment, and evaluation.  
**PREREQUISITES:** EDUC-1801(3) or the former EDUC-1002(3). Including the prerequisite course, students must have completed a minimum of 18 credit hours of course work.  
**COREQUISITES:** EDUC-2512(1) or EDUC-2514(1).

**RESTRICTIONS:** Students may not receive credit for both EDUC-2511(3) and the former EDUC-2501(3). This course may be taken only by students who have been admitted to the Education program.

**EDUC-2512(1) LEARNING THEORY PRACTICUM (A)** This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. This course must be taken concurrently with EDUC-2511(3) and will be closely integrated with that course's assignments.  
**COREQUISITES:** EDUC-2511(3).

**EDUC-2513(3) LEARNING THEORY (AD, RRC) (Le3)** This course is an introduction to psychological principles as they apply to the practice of teaching and learning within educational contexts. The course will provide an overview of various learning theories and the implications each has for variables such as classroom interaction, motivation, instruction, assessment, and evaluation.  
**PREREQUISITE:** This course may be taken by Education students in the After-Degree or Red River College programs only.

**EDUC-2601(3) INTRODUCTION TO INFORMATION TECHNOLOGY FOR EDUCATORS (Le3)** The course will introduce students in ALL curriculum areas to the information technology skills they need to both access and present information and will show them how to transmit these skills to their students. Topics will include educational applications of information technology, personal productivity and information presentation tools, remote connectivity and communication, educational software evaluation, and computer-managed instruction along with the prerequisite end-user hardware and software skills. A continuing parallel theme will be an emphasis on relevant pedagogical theory to assist teachers with the integration of information technology into their own subject areas.  
**PREREQUISITES:** EDUC-1002(3) or EDUC-1801(3). Including the prerequisite course, students must have completed a minimum of 18 credit hours of course work to be eligible for this course.  
**RESTRICTIONS:** Students may not receive credit for both EDUC-2601(3) and EDUC-2611(2).

**EDUC-2800 EDUCATIONAL LEADERSHIP WITHIN A SERVICE-LEARNING FRAMEWORK (LeV, AV)** Service-learning is an educational approach that integrates service in the community with intentional learning outcomes. By providing students with the opportunity to frame theoretical learning in real-life situations, service-learning leads students to broaden their horizons and to change their perspectives on their participation as citizens of a diverse democracy. This course utilizes a methodology that combines academic instruction, meaningful service and critical reflective thinking to promote student learning and civic responsibility.

**PREREQUISITES:** EDUC-1002(3) or EDUC-1801(3)

**ADDITIONAL REQUIREMENTS:** Including the prerequisite course, students must have completed a minimum of 18 credit hours of course work to be eligible for this course.

**EDUC-2801(3) GENERAL METHODS FOR THE EARLY/MIDDLE YEARS (Le3)** This course will serve as a general introduction to teaching methods. Teaching and learning will be examined within the model of teacher decision-making that includes knowledge of the learner (learner characteristics), knowledge of the content (lesson and unit plans), and knowledge of methods (direct and indirect methods, classroom management).

**RESTRICTIONS:** Admission to the After-Degree BEd Program.

**EDUC-3400(3) EDUCATIONAL SETTINGS AND THE SOCIOLOGY OF LEARNING (Le3)** This course is an introduction to the study of learning utilizing sociological principles. Social factors affecting teaching and learning will be examined. It will consider educational settings as learning environments, examining such features as the social characteristics of students, schools, and their surroundings, that have an impact on school performance. Some attention is given to a consideration of the relationship between school learning environments and educational reform.

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-2401(3).

**EDUC-3810(6) TEACHING/LEARNING AND THE K-8 CURRICULUM (LeV)** This course will introduce students to the theory which underlies the teaching and learning process. Students will examine age appropriate teaching and learning strategies, methods of differentiated instruction and classroom management. The fundamentals of instructional design and assessment in lesson and unit planning will also be addressed. Students registering for this course must also register for the co-requisite practicum course which provides the experiential link from theory to practice.

**PREREQUISITES:** EDUC-2511(3) with a minimum grade of C, EDUC-2512(1) and EDUC-2601(3) or EDUC-2800(3). Including the prerequisite courses, students must have completed a minimum of 48 credit hours of course work.

**COREQUISITE:** EDUC-3811(2) OR EDUC-3814(2)

**RESTRICTIONS:** Students may not receive credit for both EDUC-3810(6) and EDUC-3801/4.5 or EDUC-3803/4.5.

**EDUC-3811(2) TEACHING/LEARNING AND THE K-8 CURRICULUM PRACTICUM (A)** This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. Students complete 10 days of practicum in the fall term and 10 days of practicum in the winter term for a total of 20 days. This course must be taken concurrently with EDUC-3810(6) and will be closely integrated with that course's assignments.

**PREREQUISITES:** EDUC-2511(3), EDUC-2512(1) and EDUC-2601(3) or EDUC-2611(2).

**COREQUISITES:** EDUC-3810(6).

**RESTRICTIONS:** Students may not receive credit for both EDUC-3811(2) and EDUC-3811(1).5 or EDUC-3802(1).5 or EDUC-3804(1).5.

#### **CERTIFICATION COURSES**

**NOTE:** Courses at the 4000 level are normally reserved for Education students who have been admitted to the certification portion of the program and they are scheduled in a condensed format.

#### **EDUC-4000(3) SPECIAL TOPICS IN EDUCATION (Le3)**

This course will examine relevant issues and developments in education. Course content will vary from year to year. The topic of each course will be available to students prior to registration.

**PREREQUISITE:** To be determined on an individual course basis.

**EDUC-4001(3) INDEPENDENT STUDY (D)** In this course readings in a particular topic will be arranged between an individual student and an Instructor. Where appropriate, a practicum may also be included as part of the course.

**PREREQUISITES:** Written permission of instructor and Dean of Education.

**EDUC-4002(6) FOUNDATIONS OF TEACHING AND LEARNING (Le3)** This course consists of philosophical, psychological, and pedagogical foundations in Education. The course introduces psychological principles as they relate to the practice of teaching and learning within the educational context. Students examine the philosophy and goals of education in Manitoba and in other cultures, and are encouraged to develop their philosophical and pedagogical perspectives by examining current theory and practice.

Teaching and learning are examined within the model of teacher decision-making that includes knowledge of the learner (learner characteristics); knowledge of the relationship of content, strategies, lessons and planning; and knowledge of methods (classroom organization, motivation, instruction and assessment).

**RESTRICTIONS:** This course may be taken by students in the After Degree Program only.

**EDUC-4102(3) INTRODUCTION TO TEACHING ENGLISH AS AN ADDITIONAL LANGUAGE (Le3)** This course provides an introduction to the field of Teaching English as a Second Language (TESL). It examines the scope of TESL; communicative competence; theories of English language teaching in relation to their linguistic, pedagogical, and socio-cultural presuppositions; and ESL instructional techniques.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3) or permission of instructor.

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3201(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-2101(3).

**EDUC-4400(3) CRITICAL PEDAGOGY AND STUDENT DIVERSITY (Le3)** Critical pedagogy is a theoretical approach to understanding the classroom as a sphere of social action where it is possible to empower students by transforming the conditions that interfere with learning. This course applies principles of critical pedagogy to issues of classroom diversity, understood as a complex of ethnicity, economic class, gender, and other social differences that are often mobilized as axes of power in educational settings. Particular attention will be paid to the implications of critical pedagogy for teaching in inner city schools in Winnipeg, where there is a high incidence of poverty, marginalization and cultural diversity.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3401(3).

#### **EDUC-4401(3) JUST AND EFFECTIVE SCHOOLS (Le)**

This course is an inquiry into the meaning of just and effective schools as well as into the vision and process through which these schools are pedagogically and practically developed. The course focuses on educational issues such as inequities which may be eliminated through schools rather than reinforced; the hidden and expressed curriculae of schools; ethics and law in schooling; schooling as a moral, civic and academic enterprise; evaluation of students; and schooling which teaches the importance of process along with content. A consistent theme of the course

is schooling which facilitates and promotes personal social growth as well as academic development of students.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3402(3).

**EDUC-4403(3) EDUCATION FOR MULTICULTURAL SETTINGS (Le3)** This course will explore multiculturalism and multicultural education in Canada. Topics will include current issues that relate to identity, gender, race, human rights and special needs. Emphasis will be on relating theoretical discussions to practical classroom situations.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-2402(3).

**EDUC-4404(3) THE SCHOOL SYSTEM: STRUCTURE AND DYNAMICS (Le3)** This course will focus upon the structure and functions of the public school system at local, provincial and national levels. Emphasis will be on organizational, political, and legal aspects of the educational system as they relate to the classroom teacher.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3002(3).

**EDUC-4405(3) INNER-CITY TEACHING PRACTICES (Le3)** This course facilitates the integration of teaching theory with the realities of working in the inner city environment.

Students inquire into and subsequently develop an analysis of the primary factors which have an impact on teaching in and administration of inner city schools. The focus of the course is to interpret teaching practice as a way of bringing about a positive understanding of, and support for, the complex nature of inner-city schools.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3404(3).

**EDUC-4406(3) PROGRAMMING FOR SPECIAL NEEDS (Le3, V)** This course enhances understanding of various special needs among students in inclusive early, middle and senior years school settings. Topics to be addressed include learning disabilities, ADHD, mild cognitive delays, autism, behaviour disorders, sensory impairments, and physical/health challenges. Aspects of special education service delivery also will be examined, including referral, assessment, IEP development, and adaptive programming. A flexible five half day practicum in a school setting will provide students with the experiential link from theory to practice. The practicum may be integrated within the student's current teaching block or a new placement will be arranged.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3501(3).

**EDUC-4407(3) ENRICHMENT AND TALENT DEVELOPMENT (Le3)** This introductory course to gifted education considers philosophy, theoretical models, and issues such as acceleration, segregation versus integration, and appropriate teaching techniques. The course emphasizes practical strategies such as curriculum compacting, mentorship, creative problem solving, self-directed learning, and the development of theme units. Throughout, the general focus is on enrichment programming for talent development. A portion of the course may involve a practicum/mentoring placement, where students guide children or adolescents from a partnering school division (or divisions) through a higher order enrichment activity or project.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3502(3).

**EDUC-4408(3) ISSUES WITH AT-RISK CHILDREN AND YOUTH (Le3)** This course is designed to familiarize students with many key issues and concepts in the domain of at-risk children and youth. Topics covered include reclaiming the talents of troubled young people, celebrating survivors and resilience, developmental assets, cultural variables, learning disabilities/Attention-Deficit/Hyperactivity Disorder, and mentoring. Attention will be paid to areas such as conflict resolution and anger management; social skills training; and exploring issues such as bullying, gangs and gang prevention, and strength-building prevention and treatment programs.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3503(3).

**EDUC-4409(3) MENTORING AT-RISK YOUTH (Le3)** This pass/fail course is designed to provide the experiential link between theory and practice in the at-risk domain. Students mentor youth with a variety of social/emotional and educational needs. Mentoring experiences may involve high-school students at-risk of dropping out of school, elementary and middle years gifted students, high school war affected youth, or students exhibiting needs in the area of literacy.

**PREREQUISITES:** EDUC-4407(3) or EDUC-4408(3).

**EDUC-4410(3) INTRODUCTION TO ABORIGINAL EDUCATION (Le3)** The course explores Aboriginal education both past and present. It includes the transition from traditional Aboriginal education to Western education. Topics include, pre-contact education; traditional philosophies and life skills; the beginnings of Western education; early and present day Canadian government policies concerning Aboriginal education; stereotypes and racism that have resulted from government policies;

residential schools; the transition from assimilation by segregation to assimilation by integration; Indian Control of Education; and Aboriginal education in the present. Special topics may include gender specific issues; Aboriginal Memorial Day; and learning topics by guest speakers.

**EDUC-4501(3) INTRODUCTION TO SPECIAL EDUCATION (Le3)** This course addresses the relevance theories, delivery systems, assessment, adaptive programming, community involvement, and education services for children with mild to moderate cognitive, emotional and behavioural special needs. Attention is paid to the mandated provincial curriculum and policies as well as professional, legal, ethical, and societal considerations. Students are expected to use principles of action-oriented research during their regular field practicum to begin to link a theoretical perspective to a practical understanding of the wide ranging issues of inclusive education in Manitoba Schools.

**RESTRICTIONS:** Available only to students admitted to the certification portion of the program.

**EDUC-4600(3) CRITICAL LITERACY FOR EMPOWERMENT (Le3)** This course focuses on using critical reading and writing in early, middle, and senior school years to decrease student alienation and promote stronger performance through an empowering approach to studying texts and language conventions. In particular, the focus is on written texts such as literary works, school textbooks, and curriculum documents; and on language conventions such as Standard English and social discourses that affect students' perceptions of themselves and others and the possibilities open to them in the future. The approach is most obviously relevant to teaching in content areas such as the Language Arts, History, and Social Studies, but it is also relevant to teaching in the sciences.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3).



**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3602(3).

**EDUC-4601(3) COMPUTER ASSISTED MULTI-MEDIA LEARNING (Le3)** This course explores technology and its role in education. The practical component focuses on developing skills such as using/designing web-based learning, authorware, multimedia web components (image, audio, video), and presentation software. The theoretical component deals with the critical analysis of technology and its role in education. Students are expected to be proficient in Windows and MS Office.

**PREREQUISITES:** EDUC-2601(3) or EDUC-2611(2).

**Note:** Depending on their proficiency and background, students should plan to spend an additional 20-30% laboratory time in order to complete assignments.

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3604(3).

**EDUC-4602(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: INTEGRATING TECHNOLOGY INTO SENIOR YEARS TEACHING (Le3)**

This course focuses on the innovative use of technology in the classroom to promote critical thinking. Senior years education students in all curriculum areas are introduced to the skills needed to develop integrated lesson plans in which they weave subject area outcomes with technology outcomes. Topics include learning theory in relation to critical thinking, essentials of curriculum development, Manitoba technology frameworks, lesson planning for technology integration, and educational applications of information technology. Continuing parallel themes are the rationale and development of Technology as a Foundation Skill and the development of Literacy with ICT Across the Curriculum in Manitoba schools.

**RESTRICTIONS:** Available only to students admitted to the certification portion of the degree and the Senior Years Steam.

**EDUC-4700(3) THE ADULT LEARNER: AN INTRODUCTION TO ADULT EDUCATION (Le3)**

This course will critically examine models, perspectives, and research related to adult learning in both formal and informal settings. It will emphasize the role of the adult educator in program planning, implementation, and evaluation within the context of an examination of current adult education issues and questions.

**PREREQUISITES:** EDUC-2511(3) and EDUC-2512(1); or EDUC-2513(3) or permission of instructor.

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-2701(3).

**EDUC-4701(3) CREATING AND MANAGING EFFECTIVE LEARNING ENVIRONMENTS (Le3)**

This course introduces students to theory and practice relative of effective learning environments. Students use research to examine relevant issues and developments in classroom management, conflict resolution, and community building in the classroom. The course focuses on factors that influence student behaviour and factors that result in an optimal learning environment.

**EDUC-4820(3) EARLY YEARS EDUCATION (Le3)** This course examines the premises and objectives of Early Years Education. Students are introduced to the instructional approaches effective in achieving these goals.

**PREREQUISITE:** Available only to students admitted to the certification portion of the degree and the Early Years Stream.

**EDUC-4821(3) MIDDLE YEARS EDUCATION (Le3)** This course examines the premises and objectives of Middle Years Education. Students are introduced to the instructional approaches effective in achieving these goals.

**PREREQUISITE:** Available only to students admitted to the certification portion of the degree and the Middle Years Stream.

**EDUC-4835(1) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: ART (Le1)** This

course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Art within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4836(1) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: DRAMA (Le1)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Drama within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4837(1) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: PHYSICAL EDUCATION/HEALTH EDUCATION (Le1)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Health and Physical Activity within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4838(3) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: READING AND THE ENGLISH LANGUAGE ARTS (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Language Arts within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4839(3) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: MATHEMATICS (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Mathematics within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4840(1) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: MUSIC (Le1)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Music within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4841(3) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: SCIENCE (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Science within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4842(3) EARLY YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: SOCIAL STUDIES (Le3)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Social Studies within the context of the Manitoba Education and Training curriculum framework for the early years.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4835(1)-EDUC-4842(3) and associated practicum courses.

**EDUC-4843(1) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: ART (Le1)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Art within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4844(1) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: DRAMA (Le1)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Drama within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4845(1) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: PHYSICAL EDUCATION/HEALTH EDUCATION (Le1)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Health/Physical Activity within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4846(3) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: READING AND THE ENGLISH LANGUAGE ARTS (Le3)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Reading and the English Language Arts within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4847(3) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: MATHEMATICS (Le3)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Mathematics within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4848(1) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: MUSIC (Le1)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Music within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4849(3) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: SCIENCE (Le3)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Science within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4850(3) MIDDLE YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: SOCIAL STUDIES (Le3)** This course will introduce students to the instructional approaches and assessment techniques relevant to the teaching of Social Studies within the context of the Manitoba Education and Training curriculum framework for the middle years.

**PREREQUISITES:** EDUC-4835(1)-EDUC-4842(3). Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4843(1)-EDUC-4850(3) and associated practicum courses.

**EDUC-4851(1) PROFESSIONAL DEVELOPMENT WORKSHOP (Le1)** This course examines issues and topics relevant to the professional development of pre-service teachers. Course content will vary from year to year.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4852/5 SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: ALTERNATIVE (LeV)** This course will introduce students to instructional approaches and assessment techniques relative to senior years students in alternative programs or settings. For example, topics will include student initiated projects (SIPS), school initiated courses (SICS), distance learning, storefront learning centres, adult learning, special needs programs and other alternative programs.

**PREREQUISITES:** Completion of 4<sup>th</sup> year SY CIA courses in major and minor.

**COREQUISITES:** EDUC-4880(2.5) and EDUC-4883(2.5).

**EDUC-4853(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: BIOLOGY (Le3)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Biology at the senior years level within the context of the Manitoba Education and Training curriculum framework for Biology.

**PREREQUISITES:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4869(3) and associated practicum courses.

**EDUC-4854(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: CHEMISTRY (Le3)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Chemistry at the senior years level within the

context of the Manitoba Education and Training curriculum framework for Chemistry.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4869(3) and associated practicum courses.

**EDUC-4855(6) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: ENGLISH (Le6)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of English at the senior years level within the context of the Manitoba Education and Training curriculum framework for English.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** Associated practicum courses.

**EDUC-4856(6) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: FRENCH (Le3)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of French at the senior years level within the context of the Manitoba Education and Training curriculum framework for French.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** Associated practicum courses.

**EDUC-4857(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: GEOGRAPHY (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Geography at the senior years level within the context of the Manitoba Education and Training curriculum framework for Geography.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4869(3) and associated practicum courses.

**EDUC-4858(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: GERMAN (Le3)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of German at the senior years level within the context of the Manitoba Education and Training curriculum framework for German.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4001(3) and associated practicum courses.

**EDUC-4859(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: HEALTH (Le3)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Health Education at the senior years level within the context of the Manitoba Education and Training curriculum framework for Health Education.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** For Senior Years students with a major or minor in Physical Activity EDUC-4863(3) is required and associated practicum courses. For all other certification students no corequisite is required.

**EDUC-4860(6) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: HISTORY (Le6)** This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of History at the senior years level within the context of the Manitoba Education and Training curriculum framework for History.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** Associated practicum courses.

**EDUC-4861(6) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: MATHEMATICS (Le6)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Mathematics at the senior years level within the context of the Manitoba Education and Training curriculum framework for Mathematics.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** Associated practicum courses.

**EDUC-4863(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: KINESIOLOGY (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Physical Activity at the senior years level within the context of the Manitoba Education and Training curriculum framework for Physical Activity.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4859(3) and associated practicum courses.

**EDUC-4864(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: PHYSICS (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Physics at the senior years level within the context of the Manitoba Education and Training curriculum framework for Physics.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4869(3) and associated practicum courses.

**EDUC-4865(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: THEATRE & DRAMA (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to the teaching of Theatre and Drama at the senior years level within the context of the Manitoba Education and Training curriculum framework for Theatre and Drama.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4867(3) and associated practicum courses.

**EDUC-4866(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: HISTORY AND PHILOSOPHY OF SCIENCE AND SCIENCE TEACHING (Le3)**

This course examines the historical development of science in terms of major themes (like the atomic model) and how this development relates to science teaching. It is intended to foster a more complete view of the nature and philosophy of science to provide the science educator with a context for the content of the Manitoba curriculum and associated textbooks. This is not a formal course in the history of science; but rather, the course emphasizes the role of history and philosophy of science in science instruction. This course may also be of interest to elementary and middle years teachers who wish to gain a broader insight into science and can be used as certification elective.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4867(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: PERFORMANCE PRODUCTION (Le3)**

This course provides music and theatre major students with skills required to produce school performances such as concerts, variety shows, dramas, musicals and fashion shows. Building on the skills they have acquired in their major teachable area, students will focus on the planning and managing of productions within a senior years school setting.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4865(3) and associated practicum courses.

**EDUC-4868(3) CURRICULUM, INSTRUCTION AND ASSESSMENT: PRINCIPLES OF LEARNING FRENCH AS A SECOND LANGUAGE (Le3)** This course presents the theories and principles of learning French as a second language with particular emphasis on the Communicative Approach in Core French and Immersion. A study of current didactic materials, teaching methods and lesson implementation at the K to 8 levels, based on the Manitoba context, will be undertaken. This course will be taught in French.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** EDUC-4856(3) or admission into an Elementary French Immersion certification school placement.

**EDUC-4869(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: THEORY OF SCIENCE TEACHING (Le3)** This course addresses effective science teaching strategies and current issues in science education. The focus is on methodology to promote student learning understanding of science concepts and processes. Practical methods for demonstrating, planning laboratory experiences, managing science equipment, and safety concerns are also developed and discussed.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**COREQUISITES:** SY: C, I & A in Biology, Chemistry, Geography or Physics.

**EDUC-4870(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: LITERACY ACROSS THE CURRICULUM (Le3)** This course explores expanding notions of text and literacy across the curriculum.

Prospective teachers are asked to consider how to bring learners and texts together to explore and construct meaning within their particular content areas. To this end, students are introduced to dominant theories and current approaches in the engagement of subject area texts through reading, viewing, listening, writing, speaking, and representing.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3102(3).

**EDUC-4871(6) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: CURRICULUM DESIGN (Le6)** The first part of this course focuses on developing curriculum in areas where no mandated provincial curriculum documents exist. The second part of the course focuses on instructional design techniques and the implementation of the curriculum. Students are expected to design units and may have an option of a practicum component (self-arranged).

**PREREQUISITES:** Available only to students admitted to the certification portion of the program. Students must have a minimum of 18 credit hours of course work in Anthropology, Classics, Economics, Law, Philosophy, Politics, Psychology, or Sociology to be eligible for the course.

**COREQUISITES:** EDUC-4873(2.5) and EDUC-4877(2.5).

**EDUC-4872(2.5) PRACTICUM BLOCK I - EARLY YEARS**

**(A)** This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4873(2.5) PRACTICUM BLOCK I - MIDDLE YEARS**

**(A)** This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4874(2.5) PRACTICUM BLOCK I - SENIOR YEARS**

**(A)** This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4875(2.5) PRACTICUM BLOCK II - EARLY YEARS**

**(A)** This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program; completion of EDUC-4872(2.5).

**EDUC-4876(2.5) PRACTICUM BLOCK II - MIDDLE YEARS**

**(A)** This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program; completion of EDUC-4872(2.5).

**EDUC-4877(2.5) PRACTICUM BLOCK II - SENIOR YEARS**

**(A)** This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program; completion of EDUC-4873(2.5).

**EDUC-4878(2.5) PRACTICUM BLOCK III - EARLY YEARS**

**(A)** This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4879(2.5) PRACTICUM BLOCK III - MIDDLE YEARS**

**(A)** This course offers teaching experience in Middle Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4880(2.5) PRACTICUM BLOCK III - SENIOR YEARS**

**(A)** This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program.

**EDUC-4881(2.5) PRACTICUM BLOCK IV - EARLY YEARS**

**(A)** This course offers teaching experience in Early Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program; completion of EDUC-4879(2.5).

**EDUC-4882(2.5) PRACTICUM BLOCK IV - MIDDLE YEARS**

**(A)** This course offers teaching experience in Middle

Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program; completion of EDUC-4879(2.5).

#### **EDUC-4883(2.5) PRACTICUM BLOCK IV - SENIOR YEARS (A)**

This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students admitted to the certification portion of the program; completion of EDUC-4880(2.5).

#### **EDUC-4884(3) PRACTICUM BLOCK - RED RIVER COLLEGE (Le3)**

This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. This practicum includes a 5 week block plus 1 day a week of experience for a total of 9 days and may include a start of school experience if appropriate.

**PREREQUISITE:** Available only to students in the Joint UW/RRC Business, Industrial, Aboriginal Language or the full-time Vocational Teacher Education Programs who have been admitted to the certification portion of the program.

**EDUC-4885(1) CAPSTONE (LeV)** This course will provide students with the opportunity to reflect upon the relationship between their teaching practicum, their coursework and their development as a professional. The course will also focus on the transition from the student to the professional role.

**RESTRICTIONS:** To be taken by students in the final year of the certification portion of their degree.

#### **EDUC-4890(3) SENIOR YEARS CURRICULUM, INSTRUCTION AND ASSESSMENT: GENERAL METHODS (Le3)**

This course introduces students to the instructional approaches and assessment techniques relevant to teaching at the Senior Years level within the context of the Manitoba Education and Training curriculum framework.

**PREREQUISITE:** Students must be in Joint UW/RRC Vocational Education Teacher Program and employed full-time as teachers. They must also have completed the 18 credit hours Arts or Science Minor.

#### **EDUC-4891(3) PRACTICUM BLOCK - VOCATIONAL EDUCATION (Le3)**

This course offers teaching experience in Senior Years settings under the guidance and supervision of practicum host teachers. A minimum of 110 hours of actual teaching must be completed.

**PREREQUISITE:** EDUC-4890(3).

**ADDITIONAL REQUIREMENTS:** Students must be in the Joint UW/RRC Vocational Education Teacher Program and employed full-time as teachers.

#### **POST-GRADUATE LEVEL COURSES**

**NOTE:** These courses are at the post-graduate level and are only available to students who already hold a degree. Credit in these courses cannot be applied to an undergraduate degree (i.e. BEd, BA or BSc).

#### **EDUC-5001(3) SPECIAL TOPICS IN EDUCATION (Le3)**

This course examines relevant issues and developments in education. Course content varies from year to year. The topic of each course will be available to students prior to registration.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

#### **EDUC-5401(3) CREATIVE PROBLEM SOLVING (Le3)**

This course examines misconceptions that often inhibit creativity, distinguishes between creative and critical thinking, identifies problem-solving styles, and explores ways of developing creative environments in schools and other settings. After

being introduced to various models for learning and applying Creative Problem Solving, students build a personal "tool box" of pragmatic techniques and have the opportunity to practice them.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

#### **EDUC-5402(3) EXPANDING GIFTED EDUCATION (Le3)**

Gifted education in most school districts has traditionally been reserved for high-achieving, teacher-pleasing students. This course explores the expansion of enrichment programming to include hitherto marginalized students: nonconformists, dropouts, the "tough bright," children and youth from minority groups, and young people whose talents surface in domains other than reading, writing, and arithmetic. Specific topics such as inclusive philosophies and models, segregation versus integration, real-world problem solving, mentoring, self-directed learning, and strategies for developing the talents of all students in the regular classroom are examined.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

#### **EDUC-5403(3) MEETING THE NEEDS OF FAS/FAE STUDENTS (Le3)**

FAS (Fetal Alcohol Syndrome) and FAE (Fetal Alcohol Effects) pose challenges for educators. This course considers methods of helping students with these conditions function as effectively as possible in our schools. After examining diagnostic procedures and behavioural characteristics, the focus moves to classroom strategies for helping students to develop life skills, enhance their academic performance, and behave in socially acceptable ways.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

#### **EDUC-5404(3) REACHING THE ADHD CHILD (Le3)**

This course focuses on specific issues surrounding attention-deficit/hyperactivity disorder (ADHD), including definition, incidence, identification, diagnosis, etiology, medication, behaviour management, self-management skills training, and prognosis. The intent is to present a balanced approach to help educators, parents, and other caregivers understand and cope more effectively with hyperactive children in the classroom, home, and community.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

#### **EDUC-5405(3) RECLAIMING TROUBLED CHILDREN AND YOUTH (Le3)**

This course is designed to prepare educators to meet the needs of emotionally fragile and behaviourally disruptive children and youth. Emphasis is on Life Space Crisis Intervention (LSCI), an advanced, interactive, therapeutic set of strategies that help teachers and other caregivers understand the cycle of conflict and its long-term effects. Students learn to reframe problems from crisis management to crisis teaching, treat disrespectful students respectfully, de-escalate aggression and counter-aggression, recover after a crisis, and turn crisis situations into learning opportunities.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

**EDUC-5406(3) STEPS TO ACHIEVING REAL-LIFE**

**SKILLS (Le3)** This course is designed to prepare educators to work more effectively with at-risk youth. Using a variety of practical resources, students learn how to help adolescents develop transferable, personal skills in a variety of domains. Students are introduced to the STARS (Steps to Achieving Real-life Skills) Program, a middle years guidance curriculum for at-risk young people that can be implemented on an individual, small group, or total classroom basis. Components of the program include self-reflection, relationship-building, anger management, values clarification, drug and alcohol awareness, family dynamics, and listening and communication skills.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

**EDUC-5407(3) TEACHING AT-RISK READERS (Le3)**

Some children have great difficulty acquiring language arts skills. Helping these at-risk readers and writers achieve greater proficiency is an educational priority. The purpose of this course is to provide experienced, practicing teachers with the opportunity to develop a thorough understanding of reading and writing disability within a practical and a theoretical framework. The focus is on mastering the essential components of assessment and remedial strategies.

**PREREQUISITE:** Students must possess a BEd degree that includes an introductory course in Reading Instruction and a minimum of three years of experience as a classroom teacher, or permission of the instructor.

**EDUC-5408(3) TEACHING AT-RISK STUDENTS IN THE INNER-CITY SCHOOL (Le3)**

This course analyzes educational responses to the changes faced by children in Canadian inner-city schools. It examines the historical, cultural, political, and educational issues surrounding academically and socially at-risk students within an inner-city setting. Identity, race, culture, gender, and human rights are analyzed in relation to culturally appropriate pedagogy and learning styles.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

**EDUC-5410(3) UNDERSTANDING AND RESPONDING TO LEARNING DISABILITIES (Le3)**

Learning Disabilities (LD), often termed invisible or hidden handicaps, can take many different forms and affect a wide range of students to varying degrees. Issues emphasized in this course include definition, types of disability, characteristics, self-concept, diagnosis, assessment, and remedial, compensatory, and classroom strategies.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

**EDUC-5411(3) YOUTH VIOLENCE IN SCHOOLS (Le3)**

Youth violence in schools is a symptom of multiple and pervasive societal problems. Child abuse, poverty, unemployment, intolerance, alcohol and substance abuse, lack of sufficient support services for youths and families, and exposure to media violence contribute to a culture of violence. The complex nature of youth violence demands multifaceted solutions. Reducing violence in schools requires early and systematic intervention in classrooms from early childhood to secondary levels. Schools, as influential socializing institutions, can play a central role in prevention and intervention.

**PREREQUISITE:** A Bachelor of Education degree and 2 years of appropriate teaching/work experience; or permission of instructor.

**EDUC-5412(3) GIFTED EDUCATION ON THE INNER-CITY (Le3)**

Specific facets of gifted education are explored in this course: practical and logistical concerns in inner city enrichment programming, theoretical models to guide practice, developing self-awareness in teachers and students, and strategies for the promotion of social capital across socioeconomic strata. Emphasis is placed on identifying and nurturing the talents of marginalized students.

# EDUCATION (EDUC)

**TABLE I**  
**Subject Areas and How They Can Be Used in the BEd Program**

Area	Stream(s) Applicable to	Arts or Science Major	Teachable Major	Teachable Minor	Comments
Aboriginal Language	SY	No	Yes	No	UW/RRC Program only
Aboriginal Self Governance	All	Yes	No	No	See Note at end of table
Anthropology	All	Yes	No	Yes	
Applied Computer Science	All	Yes	No	No	
Art	EY E/MY MY	Yes (See Comment)	Yes	Yes	Available to After Degree students only who have completed degree elsewhere with art as a major
Bioanthropology	All	Yes	No	No	See Note at end of table
Biochemistry	All	Yes	No	No	See Note at end of table
Biology	All	Yes	Yes	Yes	

Area	Stream(s) Applicable to	Arts or Science Major	Teachable Major	Teachable Minor	Comments
Biopsychology	All	Yes	No	No	See Note at end of table
Business and Administration	All	Yes	No	No	See Note at end of table
Business Education	SY only	No	Yes	No	UW/RRC Program only
Chemistry	All	Yes	Yes	Yes	
Classics	All	Yes	No	Yes	
Communications	All	Yes	Yes (English)	Yes (English)	
Conflict Resolution Studies	All	Yes	No	No	See Note at end of table
Criminal Justice	All	Yes	No	No	See Note at end of table
Dance	EY E/MY MY	Yes	No	Yes	Under development
Developmental Studies	EY E/MY MY	Yes	No	Yes	
Economics	All	Yes	No	Yes	
English	All	Yes	Yes	Yes	
Environmental Studies/Urban and Inner-City Studies	All	Yes	No	No	See Note at end of table
French	All	Yes	Yes	Yes	
Geography	All	Yes	Yes	Yes	
German	EY E/MY MY	Yes  (See comment)	Yes	Yes	Available to students in the Early Years, Early/Middle Years or Middle Years Streams only. Not available to students in the senior years stream.
History	All	Yes	Yes	Yes	
Human Ecology	EY E/MY MY	Yes (See Comment)	Yes	No	Available to After Degree students only who have completed degree elsewhere with Human Ecology as a major
Industrial Arts Education	SY	No	Yes	No	UW/RRC Program only
International Development Studies	All	Yes	No	No	See Note at end of table
Kinesiology and Applied Health	All	Yes	Yes	Yes	
Law	All	Yes (See Comment)	No	Yes	Available to After Degree students only who have completed degree elsewhere with Law as a major
Mathematics	All	Yes	Yes	Yes	
Music	EY E/MY MY	No	Yes	Yes	Available to After Degree students only who have completed degree elsewhere with music as a major

Area	Stream(s) Applicable to	Arts or Science Major	Teachable Major	Teachable Minor	Comments
Philosophy	All	Yes	No	Yes	
Physics	All	Yes	Yes	Yes	
Politics	All	Yes	No	Yes	
Psychology	All	Yes	No	Yes	
Religious Studies	All	Yes	No	No	
Rhetoric, Writing, and Communications	All	Yes	No	No	See Note at end of table
Sociology	All	Yes	No	Yes	
Statistics	All	Yes	No	No	
Theatre and Film	All	Yes	Yes	Yes	
Vocational Education	SY	No	Yes	No	UW/RRC Program only
Women's and Gender Studies	All	Yes	No	No	See Note at end of table

**Note: Interdisciplinary majors generally consist of courses from a variety of departments, some of which may be recognized teachable subjects. Students with interdisciplinary majors may select individual teachable courses within that major, which could also be applied toward a teachable major and/or minor.**



# ENGLISH (ENGL)

Updated Aug 20/09

**Note: The department/program code ENGL replaces the former code 17. Students cannot hold credit in ENGL-xxxx and the former 17.xxxx having the same course number (e.g., ENGL-1000(3) and 17.1000(3)).**

**Chair: Professor C. Hunter;** Professors Emeriti: P. Nodelman, E.E. Reimer, W.E. Swayze, M.G. Wanamaker; Professors: N. Besner, M. Evans, Z. Izydorczyk, D. Schnitzer; Associate Professors: P. DePasquale, K. L. Fulton, K. Malcolm, M. Reimer, A. Turner, K. Venema; Assistant Professors: A. Burke, B. Christopher, P. Melville, K. Ready, C. Rifkind, H. Snell, M. Sweatman, C. Tosenberger.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**  
**4-Year BA in Studies in Literatures and Cultures**  
**4-Year BA in Creative Writing**  
**4 year Ba in English with a Focus in Young People's Texts and Cultures**  
**Honours BA**  
**MA in English with a Focus on Cultural Studies**

## INTRODUCTION

English courses are designed to develop students' confidence and ability to read and write effectively. The courses introduce students to various aesthetic, cultural, and historical factors which influence what they read and write. Faculty members present their discipline in a manner consistent with academic freedom and an awareness of students' experiences.

Through a 3-Year BA, 4-Year BA, or Honours BA, students may choose courses covering a variety of texts from several perspectives, including the literature of different periods and genres, and the function and history of language. Some English courses are prescribed or recognized as pre-professional or professional courses, and all courses are useful to professional careers. The study of English also helps students develop competence in using language. Students with English degrees often go into such fields as journalism, business, public service, editing and publishing, law, medicine, and theology, or enter graduate school in literary or related studies to prepare for an academic career in teaching and scholarship.

## REQUIREMENTS FOR A 3-YEAR BA IN ENGLISH

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in English and specified number of credit hours in the other department/program.
Required Courses:	Year 1: 6 credit hours from the First-Year Group. Years 2 and 3: 24 credit hours from 2000-, 3000- or 4000-level offerings. Maximum 6 credit hours from Theatre and Film Group. Maximum of 6 credit hours from Rhetoric, Writing and Communications Group.
Combined Major:	Minimum 48 credit hours from two (2) different Majors with not less than 18 credit hours from each major subject.
Prescribed Courses:	<b>ENGL-1001(6)</b> English I, <b>OR ENGL-1000(3)</b> English IA <u>and</u> <b>ENGL-1003(3)</b> English IB.

### Sample Program

This is an example of one possible path through the program. Students' programs will vary, depending on how many courses taken per year, the options chosen, the order in which they are taken, and the rotation of course offerings in a given year. Consult an advisor before each registration to ensure that your degree requirements are being covered.

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>
<ul style="list-style-type: none"><li>ENGL-1000(3) and ENGL-1003(3) or ENGL-1001(6)</li><li>12 hours in Humanities courses outside of English</li><li>6 hours in Science</li><li>3 hours in Academic Writing</li><li>3 hours in electives</li></ul>	<ul style="list-style-type: none"><li>30 hours in 2000-level or 3000-level courses</li><li><b>Recommended:</b> ENGL-2145(6)</li></ul>	<ul style="list-style-type: none"><li>30hours in 2000-level or 3000-level courses</li><li><b>Recommended:</b> ENGL-3151(6)</li></ul>

## REQUIREMENTS FOR A 4-YEAR BA IN ENGLISH

<b>ADMISSION REQUIREMENT</b>	Students must consult with the department advisor in planning their studies. Minimum 30 credit hours completed previously.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Cognates:	Minimum of 18 credit hours, maximum of 36 credit hours from related departments. Maximum total of cognate and major courses is 84 credit hours combined.
Required courses:	Year 1: 6 credit hours from the First-Year Group. Years 2, 3 and 4: See the streams listed below. Students may use a maximum 6 credit hours from Theatre and Film Group. Students may use a maximum 6 credit hours from Rhetoric, Writing, and Communications Group.
Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

There are currently three streams recommended for students pursuing a 4-Year BA in English. Students may choose the 4-Year BA in Studies in Literatures and Cultures, or the 4-Year BA in Creative Writing, or the 4-Year BA in English with a Focus in Young People's Texts and Cultures. All are described below.

## REQUIREMENTS FOR A 4-YEAR BA IN STUDIES IN LITERATURES AND CULTURES

### Description

The Literatures and Cultures specialization focuses on reading and studying works of literary art and cultural artifacts, and exploring both literary theory and cultural theory. Courses in this stream reflect an interest in literary history and theory, literary forms, movements, and genres, cultural history and theory, the representation of communities and identities, and the intersections between literature and other forms of artistic and cultural production. Students completing the course of studies recommended below will have their specialization in Literatures and Cultures noted on their transcripts.

Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.

### Required English courses:

6 credit hours of First Year English (ENGL-1001(6) OR BOTH ENGL-1000(3) AND ENGL-1003(3))

### FOUNDATIONS

Either ENGL-2142(6) Fundamentals of Literary Studies  
OR ENGL-2145(6) Field of Cultural Studies

### GENRES

6 credit hours from  
ENGL-2180(6) Types of Popular Literature  
ENGL-2185(3) Literary Communities  
ENGL-2401(6) Tragedy and Comedy in Drama  
ENGL-2601(6) The Novel  
ENGL-2603(3) Short Fiction  
ENGL-2604(3) Poetry and Poetic Form  
ENGL-2612(3) Science Fiction  
ENGL-3190(6) Literature and Film

### IDENTITIES AND LOCATIONS

6 credit hours from  
ENGL-2722(6) Postcolonial Literatures and Cultures:  
An Introduction  
ENGL-2912(3) Women Writers after 1900  
ENGL-2922(3) Topics in Women Writers  
ENGL-3225(6) Contemporary British Literature and Culture  
ENGL-3713(6) Contexts in Canadian Literature  
ENGL-3714(3) Literature of Winnipeg  
ENGL-3715(6) Diasporic Literatures and Cultures in  
Canada  
ENGL-3716(6) Canadian Literature and Culture after 1914  
ENGL-3717(6) Aboriginal Literatures  
ENGL-3719(3) Literature of Manitoba  
ENGL-3725(6) American Literature and Culture after 1914  
ENGL-3902(6) Gay and Lesbian Literature

## PERIODS

6 credit hours from

ENGL-2202(3)	Literature of the Sixteenth Century
ENGL-2203(3)	Literature of the Seventeenth Century
ENGL-2211(6)	Neoclassical and Romantic Literature
ENGL-2221(6)	The Age of Chaucer
ENGL-2311(6)	Shakespeare
ENGL-3710(6)	Canadian Literature and Culture to 1914
ENGL-3720(6)	American Literature and Culture to 1914
ENGL-2902(3)	Women Writers before 1900
ENGL-3210(6)	Romantic Literature and Culture
ENGL-3211(6)	Victorian and Edwardian Literature
ENGL-3222(6)	Modernism
ENGL-3812(6)	A History of the English Language

## ADVANCED STUDIES: THEORY AND PRACTICE (Years 3 & 4)

6 credit hours from

ENGL-3120(6)	Practicum in Literature, Literacy and Language
ENGL-3122(3)	Special Studies I
ENGL-3131(6)	Special Studies II
ENGL-3151(6)	Critical Theory: An Introduction
ENGL-3180(6)	The making of Peace and War in Literature [experimental]
ENGL-3951(3)	Topics in Feminist Theory
ENGL-4103(3)	Research Apprenticeship
ENGL-4104(3)	Tutorial Apprenticeship in English
Or any 4000-level seminar course	

18-36 additional credit hours of study in English courses

Any English courses will satisfy this requirement. Students are strongly encouraged to exceed the minimum requirements in English, and to include among their remaining credit hours:

6 additional credit hours of Foundations

6 additional credit hours of Genres

6 additional credit hours of Periods

6 additional credit hours of Identities and Locations

6 additional credit hours of Advanced Studies

### Required Cognate Courses

18-36 credit hours of study in cognate departments. Suggested cognate departments include: Anthropology, Classics, Rhetoric, Writing and Communications, History, History of Art, Modern Languages, Philosophy, Politics, Religious Studies, Sociology, Theatre and Film, and Women's and Gender Studies.

Students must consult with an English Department advisor in planning their program of study and completing the required forms at each registration.

### Sample Program

This is an example of one possible path through the program. Students' programs will vary, depending on how many courses are taken per year, the options chosen, the order in which they are taken, and the rotation of course offerings in any given year. Consult an advisor before each registration to ensure that your degree requirements are being covered.

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"><li>ENGL-1000(3) and ENGL-1003(3) or ENGL-1001(6)</li><li>6 hours in Social Sciences</li><li>6 hours in Science</li><li>6 hours in cognates</li><li>3 hours in Academic Writing</li><li>3 hours in electives</li></ul>	<ul style="list-style-type: none"><li>ENGL-2145(6) Field of Cultural Studies or ENGL-2142(6) Fundamentals of Literary Study</li><li>6 hours from Genres</li><li>6 hours from Identities and Locations</li><li>6 hours of Social Sciences</li><li>6 hours in cognates</li></ul>	<ul style="list-style-type: none"><li>6 hours from Periods</li><li>6 hours from Advanced Studies</li><li>6 hours other English</li><li>6 hours in cognates</li><li>6 hours in electives</li></ul>	<ul style="list-style-type: none"><li>12 hours in English</li><li>18 hours in electives</li></ul>

## REQUIREMENTS FOR A 4-YEAR BA IN CREATIVE WRITING

### Description

The Creative Writing specialization focuses not only on reading and studying works of literary art, but on learning how to create and produce them as well. This stream shares with studies in Literatures and Cultures an interest in literary history, form, genre, and the place of literature among the other arts and within its historical context. In addition, the Creative Writing stream introduces students to methods and theories of making poetry and fiction. Students completing the course of studies recommended below will have their specialization in Creative Writing noted on their transcripts. Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.

### Required English Courses

Students pursuing a specialization in Creative Writing are required to complete 48-66 credit hours in English, of which 6 credits normally will be in First-Year English courses. In addition, the following English courses are required of Creative Writing Students.

### Required Core Course

ENGL-3101(6) Creative Writing: Fiction and Poetry\*

\*Note that the prerequisite for this course is ENGL-2102(3) Introduction to Creative Writing: Developing a Portfolio; and the co-requisite is ENGL-2002(3) The Creative Process. The prerequisite of ENGL-2102(3) sometimes may be waived for students with previous writing experience who submit an accomplished portfolio.

### Other Required English Courses

1. 12 credit hours of study in additional Creative Writing courses chosen from the following list, including at least two different genres:

- ENGL-2102(3) Introduction to Creative Writing: Developing a Portfolio
- ENGL-2002(3) The Creative Process
- ENGL-3112(6) Advanced Creative Writing
- ENGL-3113(3) Creative Writing: Fiction
- ENGL-3114(3) Creative Writing: Poetry

ENGL-3115(3) Creative Writing: Writing for Children  
 ENGL-3116(3) Workshop in Creative Writing (see English website for current description)  
 THFM-2611(3) Introduction to Screenwriting\*  
 THFM-2701(6) Playwriting 1\*

\*Note that Theatre and Film courses have their own prerequisites and regulations.

2. 6 credit hours of study in Canadian and/or Aboriginal literatures and cultures. Courses satisfying this requirement include:
- ENGL-2116(3) Canadian Children's Literatures and Cultures
  - ENGL-3710(6) Canadian Literature and Culture to 1914
  - ENGL-3713(6) Contexts in Canadian Literature
  - ENGL-3714(3) Literature of Winnipeg
  - ENGL-3715(6) Diasporic Literatures and Cultures in Canada
  - ENGL-3716(6) Canadian Literature and Culture after 1914
  - ENGL-3717(6) Aboriginal Literatures
  - ENGL-3719(3) Literature of Manitoba
3. 18 additional credit hours of study in English courses. Any English courses (except for Creative Writing courses) will satisfy this requirement. Creative Writing students are strongly encouraged to exceed the minimum number of English courses required. To write well, you must be well-read.

#### Required Cognate Courses

18-36 credit hours of study in cognate departments. Cognate departments include: Classics, Rhetoric, Writing, and Communications, History, Theatre and Film, Modern Languages, Philosophy, and Religious Studies.

Students must consult with an English Department advisor for creative writing in planning their program of study and completing the required forms **at each registration**.

#### Sample program

This is an example of one possible path through the program. Students' programs will vary, depending on how many courses taken per year, the options chosen, the order in which they are taken, and the rotation of course offerings in any given year. Consult an advisor before each registration to ensure that your degree requirements are being covered.

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> <li>• 6 hours of English 1</li> <li>• 3 hours of Academic Writing</li> <li>• 6 hours of Science</li> <li>• 6 hours of Social Science</li> <li>• 9 hours of cognate courses (chosen from a department in the list of required cognates above)</li> </ul>	<ul style="list-style-type: none"> <li>• ENGL-2002(3) The Creative Process</li> <li>• ENGL-2102(3) Introduction to Creative Writing: Developing a Portfolio</li> <li>• 6 hours of Canadian Literature or Aboriginal Literature (chosen from the list of required courses above)</li> <li>• 6 hours of additional English Literature courses (not Creative Writing)</li> <li>• 6 hours of Social Science</li> <li>• 6 hours of cognate courses</li> </ul>	<ul style="list-style-type: none"> <li>• ENGL-3101(6) Creative Writing</li> <li>• ENGL-3113(3) Creative Writing: Fiction OR ENGL-3115(3) Writing for Children OR ENGL-3114(3) Creative Writing: Poetry</li> <li>• hours of additional English Literature courses (not creative Writing)</li> <li>• 6 hours in cognate courses</li> <li>• 9 hours student's choice</li> </ul>	<ul style="list-style-type: none"> <li>• ENGL-3112(6) Advanced Creative writing (recommended but not required) OR 6 hours student's choice</li> <li>• 3 hours of Creative Writing courses in a genre not yet covered</li> <li>• 6 hours of additional English Literature courses (not in Creative Writing)</li> <li>• 15 hours in student's choice</li> </ul>

## REQUIREMENTS FOR A 4-YEAR BA IN ENGLISH WITH A FOCUS IN YOUNG PEOPLE'S TEXTS AND CULTURES

#### Description

The specialization in Young People's Texts and Cultures allows students to focus on texts apparently created for a specific, limited audience of readers and viewers. This stream shares with studies in Literatures and Cultures an interest in literary history, form, genre, and the place of literature among the other arts and within historical contexts. In addition, the Young People's Texts and Cultures stream introduces students to the study of such other texts as toys, games, picture books, digital media, films and performances. Students completing the course of studies recommended below will have their specialization in Young People's Texts and Cultures noted on their transcripts.

Students are required to fulfill all current requirements for a 4-Year BA in English, listed above.

#### Required English Courses

Student pursuing a specialization in Young People's Texts and Cultures are required to complete 48-66 credit hours of study in English of which 6 credits normally will be First-Year English (ENGL-1001(6) or both ENGL-1000(3) and ENGL-1003(3)). In addition, the following courses are required.

#### Required Core Course

ENGL-2003(6) The Field of Children's Literature

#### Other Required English Courses

1. A minimum of 12 additional credit hours of study in courses in Young People's Texts and Cultures, chosen from the following list:

ENGL-2004(6) A History of Children's Literature  
 ENGL- 2113(6) Picture Books for Children

ENGL-2114(6) Fairy Tales and Culture  
 ENGL-3115(3) Writing for Children  
 ENGL-3117(3) Poetry for Young People  
 ENGL-3118(3) Topics in Fiction for Young People  
 ENGL-3119(3) Canadian Children's Literature and Culture  
 ENGL-3160(3) Advanced studies in Children's Cultural and Literary Texts  
 ENGL-3169(3) Films for Young People

2. 6 credit hours of study in a practicum course, normally taken as a capstone course in the final year of the program:

ENGL-3120(6) Practicum in Literature, Literacy and Language  
 ENGL-4103(3) Research Apprenticeship  
 ENGL-4104(3) Tutorial Apprenticeship in English

3. A minimum of 18 additional credit hours of study in English courses other than courses in Young People's Texts and Cultures.

### Required Cognate Courses

18-36 credit hours of study in cognate departments. Suggested cognate departments include: Anthropology, Classics, Rhetoric, Writing, and Communications, History, History of Art, Modern Languages, Philosophy, Politics, Religious Studies, Sociology, Theatre and Film, and Women's and Gender Studies.

\*Students must consult with an English Department advisor for Young People's Texts and Cultures in planning their program of study and completing the required forms at each registration.

### Sample program

This is an example of one possible path through the program. Students' programs will vary, depending on how many courses taken per year, the options chosen, the order in which they are taken, and the rotation of course offerings in any given year. Consult an advisor before each registration to ensure that your degree requirements are being covered.

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> <li>• ENGL-1000(3) AND enlg-1003(3) or ENGL-1001(6)</li> <li>• 12 hours in Humanities courses outside of English</li> <li>• 6 hours in science</li> <li>• 3 hours in Academic Writing</li> <li>• 3 hours in Social Sciences</li> </ul>	<ul style="list-style-type: none"> <li>• ENGL-2003(6) The Field Of Children's Literature</li> <li>• ENLG-2004(6) A History of Children's Lit OR ENGL-2113(6) Picture Books for children</li> <li>• 6 hours of study in other English courses</li> <li>• 6 hours of elective Social Science &amp; Arts courses</li> <li>• 6 hours in cognate courses</li> </ul>	<ul style="list-style-type: none"> <li>• ENLG-2114(6) Fairy Tales and Culture</li> <li>• ENLG-3119(3) Canadian Children's Lit &amp; Culture</li> <li>• ENGL-3118(3) Topics in Fiction for Young People</li> <li>• 6 hours of study in other English courses</li> <li>• 6 hours of elective social Science &amp; Arts courses</li> <li>• 6 hours of cognate courses</li> </ul>	<ul style="list-style-type: none"> <li>• ENGL-3160(3) Advanced Studies</li> <li>• ENGL-3117(3) Poetry for Young people</li> <li>• ENGL-3169(3) Films for Young People</li> <li>• ENGL-3120 Practicum in Literature Literacy OR ENGL-4103(3) Research Apprenticeships and ENLG-4104(3) Tutorial Apprenticeship in English</li> <li>• 6 hours of study in other English courses</li> <li>• 3 hours of elective Social Science &amp; Arts courses</li> <li>• 6 hours of cognate courses</li> </ul>

## REQUIREMENTS FOR AN HONOURS BA IN ENGLISH

The Honours Program in English provides the opportunity for intensive study in a seminar setting. Regular attendance and active participation in seminars are required of all students registered in Honours courses. The normal prerequisite for Honours courses is completion of OR concurrent registration in **ENGL-2142(6)** Fundamentals of Literary Study. Students must consult with the English Department Honours Chair or designate in planning their curriculum and completing the required Honours form at each registration. Students interested in supplementing their literary studies in English with courses in world literature or literature in translation should consult the listings for the following departments: Classics, French Studies, German Studies, Religious Studies, Theatre and Film.

**Note:** Unless these courses also have an English number, they do not count as part of the minimum 54 credit hours required of Honours students.

### ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used).

Students must consult with the Honours advisor in planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
 Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours are at 4000 level

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
 Science: 6 credit hours in Science

Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

## HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in 4000-level Honours courses.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 24 credit hours in 4000-level Honours courses in English component of the Double Honours. For the requirements of the other Honours subject, consult the department involved.

### Distribution Requirements: Single and Double Honours

In addition to the regular degree requirements, Single Honours students are required to include courses in different areas to ensure that a full spectrum of study has been achieved: **Canadian Content**; **Study in a Second Language**; **Critical Theory**; and, **Historical Area Courses** (List A and List B). Double Honours students must consult with the English Department Honours Chair or designate in planning their curriculum to ensure their program of study reasonably approximates the Single Honours Distribution Requirements. Students who find it impossible to complete their distribution requirements in a given year should discuss their program with the Honours Chair or designate.

1. Canadian Content must be included in at least 6 credit hours. (Suggested options: ENGL-3710(6) Canadian Literature to 1914; ENGL-3716(6) Canadian Literature and Culture after 1914; ENGL 3713(6) Contexts in Canadian Literature; ENGL -3715(6) Diasporic Literatures in Canada; ENGL-4710(6) Topics in Canadian Literature).
2. Minimum 6 credit hours of study in a Second Language. (Suggested options include ENGL-4822(3) Old English Language, ENGL-4841(3) Old English Literature, CLAS-1100(3) Introductory Latin I, CLAS-1101(3) Introductory Latin II, CLAS-1200(3) Introductory Greek I, CLAS-1201(3) introductory Greek II, FREN-1001(6) Introductory French, FREN-1111(6) Practical Language Skills, GERM-1201(6) Elementary German, GERM-2201(6) Intermediate German, REL-2001(6) Elementary Biblical Hebrew. **Note:** Alternatively, students may demonstrate proficiency in a second language to the satisfaction of the Chair of the English Department.
3. Students must complete ENGL-3151(6) – Critical Theory: An Introduction.
4. Students must take at least 6 credit hours from each of Lists A and B:

#### List A:

<b>ENGL-2202(3)</b>	Literature of the Sixteenth Century
<b>ENGL-2221(6)</b>	The Age of Chaucer
<b>ENGL-4242(6)</b>	Medieval Literature 1350-1500
<b>ENGL-4251(6)</b>	Sixteenth-Century Literature
<b>ENGL-4823(3)</b>	Old English Language
<b>ENGL-4841(3)</b>	Old English Literature

#### List B:

<b>ENGL-2203(3)</b>	Literature of the Seventeenth Century
<b>ENGL-2211(6)</b>	Neoclassical and Romantic Literature
<b>ENGL-3211(6)</b>	Victorian and Edwardian Literature
<b>ENGL-3710(6)</b>	Canadian Literature and Culture to 1914
<b>ENGL-3720(6)</b>	American Literature and Culture to 1914
<b>ENGL-4211(6)</b>	The Romantic Movement in English Literature
<b>ENGL-4261(6)</b>	Seventeenth-Century Literature
<b>ENGL-4270(6)</b>	Eighteenth-Century Studies
<b>ENGL-4281(6)</b>	Victorian and Edwardian Studies 1837-1910

**Note:** Courses dealing with an individual author are not considered historical area courses.

### Sample program

This is an example of one possible path through the program. Students' programs will vary, depending on how many courses taken per year, the options chosen, the order in which they are taken, and the rotation of course offerings in any given year. Consult an advisor before each registration to ensure that your degree requirements are being covered.

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> <li>ENGL-1000(3) and ENGL-1003(3) or ENGL-1001(6), min GPA 3.0</li> <li>6 credit hours of study in a second language</li> <li>6 credit hours in Humanities courses outside of English</li> <li>6 credit hours in Science</li> <li>6 credit hours in Academic Writing</li> <li>3 credit hours in electives</li> </ul>	<ul style="list-style-type: none"> <li>ENGL-2142(6) Fundamentals of Literary Study</li> <li>6 credit hours of 4000-level courses</li> <li>12 credit hours of 2000-, or 3000-level courses</li> <li>6 credit hours of cognate courses</li> </ul>	<ul style="list-style-type: none"> <li>ENGL-3151(6) Critical Theory</li> <li>Either ENGL-3710(6), ENGL-3713(6), or ENGL-3715(6), ENGL-3716(6), or ENGL-4710(6) (to satisfy Canadian Literature requirement)</li> <li>6 credit hours of 4000-level courses</li> <li>6 credit hours of cognate courses</li> </ul>	<ul style="list-style-type: none"> <li>6 credit hours from List A</li> <li>6 credit hours from List B</li> <li>18 credit hours of 4000-level courses</li> </ul>

## GENERAL INFORMATION

In the following descriptions of English Department courses, these terms are used:

**PREREQUISITE:** A course which students must have taken before they can enter another course.

**COREQUISITE:** A course that must be taken during the same session as another course.

**COGNATE:** A course from a related department.

**CROSS-LISTED:** A cross-listed course is available as part of a major in more than one department or program.

### Prerequisites

Students must have taken 6 credit hours at the 1000-level in English literature courses before enrolling in MOST 2000-, 3000-, and 4000-level courses in the Department of English. There are two ways to fulfill this requirement:

- ENGL-1001(6) English I, **or**
- a combination of ENGL-1000(3) English IA **and** ENGL-1003(3) English IB

For the following **Linguistics** courses, 6 credit hours at the 1000-level OR Departmental permission is required:

- ENGL-2802(3) Syntax
- ENGL-2803(3) Phonetics and Phonology
- ENGL-2804(3) Varieties of English
- ENGL-2805(3) Morphology
- ENGL-2806(3) Semantics: Philosophical Foundations
- ENGL-3800(6) Stylistics
- ENGL-3812(6) A History of the English Language

For the following **Creative Writing** courses, 6 credit hours at the 1000-level **and** the Instructor's permission must be obtained:

- ENGL-3101(6) Creative Writing: Fiction and Poetry
- ENGL-3112(6) Advanced Creative Writing
- ENGL-3113(3) Creative Writing: Fiction
- ENGL-3114(3) Creative Writing: Poetry
- ENGL-3116(3) Workshop in Creative Writing

For ENGL-2142(6) Fundamentals of Literary Study, permission of the Honours chair or designate is required.

The following courses have additional prerequisites:

- ENGL-3101(6) Creative Writing: Fiction and Poetry
- ENGL-3112(6) Advanced Creative Writing
- ENGL-3160(3) Advanced Studies in Children's Cultural and Literary Texts

### 2000- and 3000-Level Courses

Students with the first-year prerequisite can take any courses with 2000- and 3000- numbers in the order most suitable to their programs. 3000-level courses DO NOT require 2000-level courses as prerequisites. (Courses with additional prerequisites are listed above).

### 4000-Level Courses

Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of the department is required for each 4000-level course.

### Theatre and Film Group

A maximum of 6 credit hours of the following courses taught by the Department of Theatre and Film may be counted towards a major in English.

- THFM-2401(3) Theatre History I
- THFM-2402(3) Theatre History II
- THFM-2404(3) Aboriginal Identities in Theatre and Film
- THFM-2410(6) History of Film
- THFM-2611(3) Introduction to Screenwriting
- THFM-2701(3) Playwriting I
- THFM-3401(3) Theatre History III
- THFM-3402(3) Canadian Drama and Theatre

### Rhetoric, Writing, and Communications Group

A maximum of 6 credit hours of the following courses taught by the Department of Rhetoric, Writing, and Communications may be counted towards a major in English.

- RHET-2131(3) Professional Style and Editing
- RHET-2135(3) Rhetorical Criticism
- RHET-2136(3) Orality and Literacy
- RHET-2138(3) Modern Rhetorical Theory

### Student Handbook

Students are encouraged to consult the English Department website: <http://english.uwinnipeg.ca>. It offers specific course synopses and a comprehensive list of additional information for planning a program of English studies.

## COURSE LISTINGS

### FIRST-YEAR GROUP

Only 6 credit hours in First-Year English can count towards a Major in English.

In order to offer students an interesting and useful introduction to university-level literary study, all sections of English I, English IA, and English IB follow the general guidelines listed in the course descriptions below. However, **each section of these courses works toward these general goals by means of a different focus.** Some sections concentrate on specific approaches or theories of literature (such as literary dialogues or reader-response

strategies); some deal with specific genres (such as poetry or short fiction); and some cover specific kinds of literature (such as popular literature or writing by women). Because the different sections are so different from each other in both content and method, **students intending to enrol in these courses should consult the English Department** for descriptions of the specific content of each of the sections of the course currently being offered. After reading these descriptions, students should try to select a section with a focus that interests them. For additional information on these sections and how to satisfy the first-year requirement, please see "Prerequisites" in the "General Information" section.

ENGL-1000(3) English IA  
 ENGL-1001(6) English I  
 ENGL-1003(3) English IB

#### UPPER-LEVEL COURSES

ENGL-2002(3) The Creative Process  
 ENGL-2003(3) The Field of Children's Literature  
 ENGL-2004(6) A History of Children's Literature  
 ENGL-2102(3) Introduction to Creative Writing:  
 Developing a Portfolio  
 ENGL-2113(3) Picture Books for Children  
 ENGL-2114(3) Fairy Tales and Culture  
 ENGL-2142(6) Fundamentals of Literary Study  
 ENGL-2145(6) Field of Cultural Studies  
 ENGL-2180(6) Types of Popular Culture  
 ENGL-2185(3) Literary Communities  
 ENGL-2202(3) Literature of the Sixteenth Century  
 ENGL-2203(3) Literature of the Seventeenth Century  
 ENGL-2211(6) Neoclassical and Romantic Literature  
 ENGL-2221(6) The Age of Chaucer  
 ENGL-2311(6) Shakespeare  
 ENGL-2401(6) Tragedy and Comedy in Drama  
 ENGL-2601(6) The Novel  
 ENGL-2603(3) Short Fiction  
 ENGL-2604(3) Poetry and Poetic Form  
 ENGL-2612(3) Science Fiction  
 ENGL-2722(6) Postcolonial Literatures: An Introduction  
 ENGL-2802(3)/ Syntax  
 LING-2003(3)  
 ENGL-2803(3)/ Phonetics and Phonology  
 LING-2001(3)  
 ENGL-2804(3)/ Varieties of English  
 LING-2101(3)  
 ENGL-2805(3)/ Morphology  
 LING-2002(3)  
 ENGL-2806(3)/ Semantics: Philosophical Foundations  
 LING-2004(3)  
 ENGL-2902(3) Women Writers Before 1900  
 ENGL-2912(3) Women Writers After 1900  
 ENGL-2922(3) Topics in Women Writers  
 ENGL-3101(6) Creative Writing: Fiction and Poetry  
 ENGL-3112(6) Advanced Creative Writing  
 ENGL-3113(3) Creative Writing: Fiction  
 ENGL-3114(3) Creative Writing: Poetry  
 ENGL-3115(3) Creative Writing: Writing for Children  
 ENGL-3116(3) Workshop in Creative Writing  
 ENGL-3117(6) Poetry for Young People  
 ENGL-3118(3) Topics in Fiction for Young People  
 ENGL-3119(3) Canadian Children's Literatures and  
 Cultures  
 ENGL-3120(6) Practicum in Literature, Literacy and  
 Language  
 ENGL-3122(3) Special Studies I  
 ENGL-3131(6) Special Studies II  
 ENGL-3151(6) Critical Theory: An Introduction  
 ENGL-3160(3) Advanced Studies in Children's Cultural  
 and Literary Texts  
 ENGL-3169(3) Films for Young People

ENGL-3190(6) Literature and Film  
 ENGL-3210(6) Romantic Literature and Culture  
 ENGL-3211(6) Victorian and Edwardian Literature  
 ENGL-3222(6) Modernism  
 ENGL-3225(6) Contemporary British Literature and  
 Culture  
 ENGL-3401(6) Modern Drama  
 ENGL-3710(6) Canadian Literature and Culture to 1914  
 ENGL-3713(6) Contexts in Canadian Literature  
 ENGL-3714(3) Literature of Winnipeg  
 ENGL-3715(6) Diasporic Literatures and Cultures in  
 Canada  
 ENGL-3716(6) Canadian Literature and Culture after 1914  
 ENGL-3717(6) Aboriginal Literatures  
 ENGL-3719(3) Literature of Manitoba  
 ENGL-3720(6) American Literature and Culture to 1914  
 ENGL-3721(6) American Literature and Culture after 1914  
 ENGL/CLAS- The History of Greek Literature  
 3752(3)  
 ENGL/CLAS- The History of Latin Literature  
 3753(3)  
 ENGL-3800(6)/ Stylistics  
 LING-3001(6) Textual Analysis  
 ENGL-3812(6) A History of the English Language  
 ENGL-3901(6) Twentieth-Century Gay and Lesbian  
 Literature  
 ENGL-3951(3) Topics in Feminist Theory

#### Honours Courses

ENGL-4001(3) Tutorial Honours Paper and Oral  
 Examination  
 ENGL-4103(3) Research Apprenticeship  
 ENGL-4104(3) Tutorial Apprenticeship in English  
 ENGL-4110(6) Critical Theory  
 ENGL-4122(3) Special Studies I  
 ENGL-4131(6) Special Studies II  
 ENGL-4211(6) The Romantic Movement in English  
 Literature  
 ENGL-4242(6) Medieval Literature 1350-1500  
 ENGL-4251(6) Sixteenth-Century Literature  
 ENGL-4261(6) Seventeenth-Century Literature  
 ENGL-4270(6) Eighteenth-Century Studies  
 ENGL-4281(6) Victorian and Edwardian Studies 1837-  
 1910  
 ENGL-4285(6) Topics in Modernism  
 ENGL-4292(6) Literature in the British Isles Since 1945  
 ENGL-4301(6) Chaucer  
 ENGL-4311(6) Topics in Shakespeare  
 ENGL-4341(3) Individual Author I  
 ENGL-4342(3) Individual Author II  
 ENGL-4442(6) Topics in Drama and Dramatic Theory  
 ENGL-4710(6) Topics in Canadian Literature  
 ENGL-4720(6) Topics in American Literature  
 ENGL-4730(3) Topics in Postcolonial Studies I  
 ENGL-4731(3) Topics in Postcolonial Studies II  
 ENGL-4823(3) Old English Language  
 ENGL-4841(3) Old English Literature  
 ENGL-4901(6) Topics in Gender, Literature and Culture

## COURSE DESCRIPTIONS

**ENGL-1000(3) ENGLISH IA (Le3)** This course offers a general introduction to literary study. Each section of English 1A is a uniquely designed introduction to university-level literary study. All sections include some introduction to the following: the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors that influence the creation and reception of literary texts; and research skills. In addition, students' writing, including essays and reports, receives significant attention. Because English 1A varies significantly from section to section, and the sections offered change from year to year, **all students should consult the current descriptions of individual sections available on the English Department website.**

**RESTRICTIONS:** May not be taken with standing in ENGL-1001(6) or the former ENGL-1111(6) or ENGL-1201(6). May not be taken by students with standing in the former ENGL-1202(3) or ENGL-1203(3) without Departmental permission.

**ENGL-1001(6) ENGLISH I (Le3)** Each section of English 1 is a uniquely designed introduction to university-level literary study. All sections include some introduction to the following: the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors that influence the creation and reception of literary texts; and research skills. In addition, students' writing, including essays and reports, receives significant attention. Because English 1 varies significantly from section to section, and the sections offered



change from year to year, **all students should consult the current descriptions of individual sections available on the English Department website.**

**RESTRICTIONS:** May not be taken by students with standing in ENGL-1000(3) or ENGL-1003(3) or the former ENGL-1111(6) or ENGL-1201(6). May not be taken by students with standing in the former ENGL-1202(3) or ENGL-1203(3) without Departmental permission.

**ENGL-1003(3) ENGLISH IB (Le3)** This course offers a focused introduction to literary studies. The English Department strongly recommends students complete English 1A before enrolling in this course. This course focuses on one specific field such as genre, nationality, or period. Each section of English 1B is a uniquely designed introduction to university-level literary study. All sections include some introduction to the following: the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors that influence the creation and reception of literary texts; and research skills. In addition, students' writing, including essays and reports, receives significant attention. Because English 1B varies significantly from section to section, and the sections offered change from year to year, **all students should consult the current descriptions of individual sections available on the English Department Website.**

**RESTRICTIONS:** May not be taken by students with standing in ENGL-1001(6) or the former ENGL-1111(6) or ENGL-1201(6). May not be taken by students with standing in the former ENGL-1202(3) or ENGL-1203(3) without Departmental permission.

**ENGL-2002(3) THE CREATIVE PROCESS (Le3)** This course addresses the complex processes involved in the creation of a literary text from initial inspiration to publication. Students' reading of fiction and poetry is supplemented with lectures based on documented evidence of the authors' own approaches to the craft of writing (including literary essays, interviews, drafts, letters, and/or occasional live appearances, when possible). The course examines the habits, beliefs, influences, and intellectual reasoning behind the decisions writers make while composing and revising their drafts. We also study the effects of those decisions. The reading list may vary from year to year, while maintaining the goals of gender balance and an emphasis on literature of the twentieth and twenty-first centuries.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2003(6) THE FIELD OF CHILDREN'S LITERATURE (Le3)** An introduction to the study of children's literature, this course explores the characteristics of this form of literature, unusually named for its readers rather than its producers. We study various strategies for reading young people's texts; cultural assumptions about children and childhood; trends in educational theory and practice; the economic and political contexts of production, consumption and marketing of texts for young people; and popular culture and media for young people. Texts from a range of genres, such as poetry, picture books, novels, blogs, and films, are considered.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** Students with credit in the former ENGL-2003(3) may not enrol in this class.

**ENGL-2004(6) A HISTORY OF CHILDREN'S LITERATURE (Le3)** This course covers the history of children's literature from Sumerian clay "readers" to the present day, with a focus on texts published before the mid-twentieth century. Topics include the shift of myths, fairy tales, and fables from oral to literary tradition; literary forms associated specifically with children, such as nursery rhymes and fantasy; the development of early picture books featuring woodcuts; and increasing commodification of picture books that came with the advent of lithography. Students study the nineteenth- and twentieth-century rise of children as consumers, and changing notions of childhood such as the development of the concept of childhood innocence.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2102(3) INTRODUCTION TO CREATIVE WRITING: DEVELOPING A PORTFOLIO (Le3)** In this course, students concentrate on developing a portfolio of creative writing, including both poetry and short fiction. The course introduces students to strategies for writing in both genres and to the discipline involved in seeing a project through several drafts to its final stages. Emphasis is placed on the skills involved in self-editing and the professional preparation and submission of manuscripts suitable for a portfolio. Recommended for students who plan to enrol in further creative writing courses at the undergraduate level.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken by students already holding credit in ENGL-3101(6), ENGL-3112(6), ENGL-3113(3), or ENGL-3114(3).

**ENGL-2113(6) PICTURE BOOKS FOR CHILDREN (Le3)**

This course explores book elements, industries, and modes of reception and interpretation, involving strategies such as small-group discussions, presentations, oral and written forms of analysis, and the making of picture books. Of particular interest is our exploration of experimental and innovative picture book forms and their contribution to changing concepts of the child, childhood and children's culture. This course may incorporate experiential, community-based and service-learning components.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** Students with credit in the former ENGL-2113(3) may not enrol in this class.

**ENGL-2114(6) FAIRY TALES AND CULTURE (Le3)**

This course examines fairy tales from their origins in myth and folklore to their uses in contemporary culture. Students explore the major themes and characteristics of traditional tales, such as those collected by Charles Perrault and the Grimms and written by Hans Christian Andersen and Oscar Wilde. They then consider the function of fairy tales in contemporary society (in, for example, the social texts of weddings and proms) and study narratives influenced by fairy tales, particularly narratives directed to audiences of young people. Topics might include second-world fantasy; narrative revisions of fairy tales; Disney's animations of fairy tales; or contemporary narrative films using fairy-tale motifs.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** Students with credit in the former ENGL-2114(3) may not enrol in this class.

**ENGL-2142(6) FUNDAMENTALS OF LITERARY STUDY**

**(S3)** This course, compulsory for students proceeding to the Honours program, offers an introduction to bibliography and research methods; the development of skills necessary to write literary criticism; an enhanced understanding of genre and form; practice in attending to texts; a developed sense of the diverse histories and contexts of literature, including biblical and classical backgrounds; and an awareness of the interplay between critical theory and literature, including the history of literary criticism itself.

**PREREQUISITE:** 6 credit hours of First-Year English, and written permission of the Honours chair or designate.

**ENGL-2145(6) FIELD OF CULTURAL STUDIES (Le3)**

This course introduces students to the key concepts that underpin the field of cultural studies. The course includes readings in theory and criticism and the study of cultural forms and practices, such as written texts, film, television, visual and performance art, music, print and electronic media, as well as the institutions that shape them. Since cultural studies is overwhelmingly interdisciplinary, the course also offers instruction in research methods, interpretive strategies, and writing. Issues covered may include subcultures, urbanism, nationalism, ethnicity, postcolonialism, globalization, sexuality, and gender.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2180(6) TYPES OF POPULAR LITERATURE (Le3)**

While rarely admired or discussed by literary scholars, books by writers like Stephen King or Danielle Steele are widely read and enjoyed. Why are such books so popular? What pleasures do they offer readers, and what are the literary and ideological implications of their popularity? This course

explores the history, specific characteristics, and possible cultural significance of a number of different types of popular literature, such as romance, horror, and mystery, in order to help students to develop analytical tools for reading and thinking about such texts. In addition to written texts, some attention will be paid to movie and TV versions of popular formulas.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2185(3) LITERARY COMMUNITIES (Le3)** Literary communities provide significant contexts for the writing and study of literature. This course explores the literary works, interrelated biographies, and historical/cultural contexts of communities of writers. This approach provides an alternative framework of study to those focusing on individual authors, literary periods, or genres. Possible literary communities for study in different offerings of this course might include the Bloomsbury Group, the Lake Poets, the Inklings, the expatriate American in Paris, the Beat Poets, and the Kootenay School of Writing.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2202(3) LITERATURE OF THE SIXTEENTH CENTURY (Le3)** This course is a study of representative writers of the sixteenth century with emphasis upon the major poets, dramatists, and prose writers of the period.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2203(3) LITERATURE OF THE SEVENTEENTH CENTURY (Le3)** This course is a study of representative writers (to 1660), with emphasis upon the major poets, dramatists, and prose writers of the period.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2211(6) NEOCLASSICAL AND ROMANTIC LITERATURE (Le3)** (a) *Neoclassical Literature:* A study of Restoration and eighteenth-century writers, concentrating on Dryden, Pope, and Swift. (b) *Romantic Literature:* A study of representative writers, including selections from Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, and others.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2221(6) THE AGE OF CHAUCER (Le3)** This course examines a selection of medieval poetry and drama with emphasis upon Chaucer's *Canterbury Tales*. Other works studied include *Sir Gawain and the Green Knight*, *Pearl*, and selected Middle English lyrics and plays. Attention will also be given to the Middle English language and relevant philosophical and theological sources.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2301(3), ENGL-4242(6), or ENGL-4302(6).

**ENGL-2311(6) SHAKESPEARE (Le3)** By examining critically a number of plays, this course traces Shakespeare's career as a dramatist. Students will read representative histories, comedies, tragedies and romances.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2231(6).

**ENGL-2401(6) TRAGEDY AND COMEDY IN DRAMA (Le3)**

This course investigates some of the changing concepts of tragedy and comedy in British and other European drama from the Greek playwrights to Ibsen. The major emphasis of the course will be on the study of plays. Attention will also be given to classical and modern critical theorists.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2601(6) THE NOVEL (Le3)** This course will vary in emphasis from year to year. It may consist of an historical overview of the national or international development of prose fiction over several centuries, or it may focus on a major fictional mode (such as "realism," for example), or it may concentrate on the formal aspects of the genre. The particular focus will be announced prior to registration. For further details, consult the Department of English.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2603(3) SHORT FICTION (Le3)** This course considers the short story both in its nineteenth-century and contemporary forms. Short fiction in different English-speaking cultures, principally in England, the United States, and Canada, will be discussed.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2612(3) SCIENCE FICTION (Le3)** This course explores the literature identified as "science fiction" in an attempt to define its characteristics and evaluate its strengths and weaknesses. While the texts include some Utopian and satiric fantasies of earlier centuries, the course concentrates on science fiction since H.G. Wells.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-2722(6) POSTCOLONIAL LITERATURES: AN INTRODUCTION (Le3)**

This course introduces students to writing from countries formerly colonized by Britain. "Postcolonialism" is a critical term used to describe the various linguistic, cultural, economic, social, and political relationships that have existed between imperial powers and the areas they colonized. Key critical concepts in postcolonial studies are studied through a close reading and historical, political, and cultural contextualization of literary works. Students should consult the *Department Handbook* for a description of the course being offered in any year.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENG-2802(3) SYNTAX (Le3)** Syntax is the study of the arrangement of words into groups, clauses and sentences. In this course students use morphological, syntactic, semantic, and lexical criteria to define traditional parts of speech, in order to understand how these parts of speech combine in different types of groups or phrases, which in turn form a variety of clauses and sentence types. Form and function, or class and structure, are introduced from the perspective of systemic functional and communication linguistics. Then, these descriptive frameworks are contrasted with transformational generative models.

**PREREQUISITE:** 6 credit hours of First-Year English or departmental permission.

**RESTRICTIONS:** This course may not be taken by students with credit in ENG-2802(3) Syntax and Semantics.

**CROSS-LISTED:** LING-2003(3)

**ENG-2803(3) PHONETICS AND PHONOLOGY (Le3)** The course describes all English consonant and vowel sounds in terms of their place and manner of articulation. It also identifies how sounds are organized into syllables and words by studying the concepts of phonemes, allophones, and phonological rules. Although the focus is on English phonology, the course refers to other languages to illustrate key concepts.

**PREREQUISITE:** 6 credit hours of First-Year English or departmental permission.

**RESTRICTIONS:** This course may not be taken by students with credit in ENG-2803(3) Phonology and Morphology.

**CROSS-LISTED:** LING-2001(3).

**ENG-2804(3) VARIETIES OF ENGLISH (Le3)** The course examines how language encodes cultural dialects from different regions and time periods within various social and cultural contexts. Selected British, American, and Canadian dialects are studied from specific historical and contemporary periods. Social factors such as age, gender, ethnicity, class, socio-economic, educational, political, and religious factors are considered from a sociolinguistic perspective. The course also examines language and dialects related to various registers, such as student-teacher classroom exchange, job interviews, work talk, and casual conversation. To examine the differences in these registers, functional and systemic perspectives of communication linguistics are introduced.

**PREREQUISITE:** 6 credit hours of First-Year English or departmental permission.

**CROSS-LISTED:** LING-2101(3).

**ENG-2805(3) MORPHOLOGY (Le3)** This course introduces students to the concepts and methods of word analysis. Students investigate the nature of morphemes (smallest

units of meaning), their different types and functions, and the different ways they are organized into words. The course explores the process of word formation through derivation and compounding as well as grammatical uses of inflectional morphemes. Based largely in English, both lectures and exercises also draw on various other languages to highlight key morphological features and constructs.

**PREREQUISITE:** 6 credit hours of First-Year English or departmental permission.

**RESTRICTIONS:** This course may not be taken by students with credit in ENG-2803(3) Phonology and Morphology.

**CROSS-LISTED:** LING-2002(3).

### **ENG-2806(3) SEMANTICS: PHILOSOPHICAL FOUNDATIONS**

**(Le3)** This course offers an introduction to the basic concepts and methods in the analysis of natural language meaning. Students examine current approaches and assess their merit. Approaches to be covered may include structuralist semantics, cognitive semantics, referential semantics, and radical pragmatics.

**PREREQUISITE:** 6 credit hours of First-Year English or departmental permission.

**CROSS-LISTED:** LING-2004(3), PHIL 2374(3).

### **ENGL-2901(3) WOMEN AND LITERATURE: AN**

**HISTORICAL OVERVIEW (Le3)** This course considers literary analysis and criticism of women's writings in historical context. Representative works of early authors such as Margery Kempe and Julian of Norwich will be included, but the focus will be on nineteenth- and twentieth-century writings by women.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken for credit by students with credit in ENGL-2161(6).

### **ENGL-2902(3) WOMEN WRITERS BEFORE 1900 (Le3)**

This course offers a select survey of women writers, theorizing about women and feminist theory from the Middle Ages to 1900. Lectures and discussion provide historical, cultural, political, and artistic contexts for the texts, and information about the material conditions of women at different points in history. The course also considers women in relationship to various literary and cultural movements from the medieval to Victorian periods, such as the Renaissance, Neoclassicism, Romanticism, Aestheticism, and Decadence.

**PREREQUISITE:** 6 credit hours of First-Year English.

### **ENGL-2912(3) WOMEN WRITERS AFTER 1900 (Le3)**

This course offers a select survey of women writers and feminist theory from 1900 to the present. Lectures and discussion provide historical, cultural, political, and artistic contexts in which to consider women as authors, subjects and readers. The course also considers the role gender plays in such post-1900 literary and cultural movements as modernism, postmodernism, and postcolonialism.

**PREREQUISITE:** 6 credit hours of First-Year English.

### **ENGL-2922(3) TOPICS IN WOMEN WRITERS (Le3)**

This course focuses on a topic in the field of women writers which varies from year to year. The topic area may be defined by genre; historical period; literary and cultural movement; or local, national, or global communities. Students should consult the English Department Handbook for information about specific iterations of the course. This course may be repeated for credit when topic varies.

**PREREQUISITE:** 6 credit hours of First-Year English.

### **ENGL-3101(6) CREATIVE WRITING: FICTION AND**

**POETRY (Le3)** This course focuses on the fundamentals of writing poetry and short fiction. Students engage in readings and discussion about writing practice, writing workshops, and assignments designed to develop a written aesthetic. Students explore both fiction and poetry in assignments, although they may concentrate on one genre for their final project. Enrolment is limited. Students should submit a ten-page portfolio of their writing, including at least FOUR pages of prose and TWO of poetry, to the English Department Assistant by May 15.

**PREREQUISITE:** ENGL-2102(3) and written permission of the instructor.

**COREQUISITES:** ENGL-2002(3).

### **ENGL-3112(6) ADVANCED CREATIVE WRITING (Le3)**

This course provides further training in the writing of fiction or poetry for students who have successfully completed ENGL-3101(6) and who submit an appropriate portfolio. Student writing is discussed in workshops and individual conferences, and a major project must be completed. Enrolment is limited. Interested students should submit a portfolio of their writing to the Assistant, Department of English, by May 15. Each portfolio must consist of TEN pages of writing, including at least FOUR pages of prose. Students missing the deadline should consult with the instructor as soon as possible. The prerequisite may be waived under certain circumstances.

**PREREQUISITE:** ENGL-3101(6) and written permission of the instructor.

### **ENGL-3113(3) CREATIVE WRITING: FICTION (Le3)**

This course is designed for students who wish to concentrate on the craft of writing fiction, for example, short stories and novels. Topics include characterization, dialogue, narrative structure and various elements of style. Those wishing to be considered for the course should submit a five-page portfolio of their own fiction to the Department of English well in advance of registration.

**PREREQUISITE:** 6 credit hours of First-Year English and written permission of the instructor.

### **ENGL-3114(3) CREATIVE WRITING: POETRY (Le3)**

This course is designed for students who wish to concentrate on the craft of writing poetry. Topics include metre, rhythm, lineation, imagery and various elements of poetic language. Those wishing to be considered for the course should submit a five-page portfolio of their own poetry to the Department of English well in advance of registration.

**PREREQUISITE:** 6 credit hours of First-Year English and written permission of the instructor.

### **ENGL-3115(3) WRITING FOR CHILDREN (Le3)**

This course allows students to explore and practise various forms of writing for children, such as nonsense verse forms, nursery rhymes, fairy tales, and fantasy. Exercises include creating the plot and first chapter of a novel that shifts between two worlds, and designing a picture book. Students learn by example, reading both successful classics and unconventional works that question strict definitions of "children's" literature. Students are given practical advice on how to create verse that scans well, how picture books work, and how children's book publishers select new material.

**PREREQUISITE:** ENGL-2102(3).

### **ENGL-3116(3) WORKSHOP IN CREATIVE WRITING (Le3)**

This course explores a particular approach to creative writing or a specialized topic in the field of creative writing. The content varies from year to year. The course may focus on a specific genre (e.g., memoir, mystery, or science fiction); an issue of identity (e.g., region, sexuality, or ethnicity); or other topic (e.g., experimental writing; editing; chapbook publishing; or traditions in story-telling). Please consult the English Department Handbook for a detailed course description in any given year.

**PREREQUISITE:** 6 credit hours of First-Year English and written permission of the instructor.

### **ENGL-3117(3) POETRY FOR YOUNG PEOPLE (Le3)**

This course explores poetry and poetic forms written for young people. In any given offering of the course, the poetry studied might have an historical dimension, or the course may focus exclusively on contemporary poetry or poetic forms from one or more regions. Attention is paid to the role that ideological figurations of the child, childhood, or adolescence play in poetic constructions of youth and young readers. Poetic forms studied may include, but are not limited to, nursery rhymes, nonsense verse, slam poetry, hip-hop, rap, dub poetry, novels in verse, plays in verse, and poetry written by young people.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3118(3) TOPICS IN FICTION FOR YOUNG PEOPLE**

**(Le3)** This course examines varieties of narratives produced for children and adolescents from the end of the 19th century to the present. Students explore narrative structures and strategies, as well as theories of children's literature. Topics may include regional literature; global fiction in English for young people; canonical texts and texts that resist mainstream cultures; writing by young people; the forms, production, and reception of narrative; girls' books and boys' books; fantasy; and coming-of-age narratives.

**PREREQUISITES:** Minimum 3 credit hours from ENGL-2003(6), ENGL-2004(6), ENGL-2113(6), ENGL-2114(6), or the former ENGL-2116(3).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2115(3).

**ENGL-3119(3) CANADIAN CHILDREN'S LITERATURE AND CULTURE (Le3)**

This course investigates children's texts in Canada in order to examine various ideologies of Canadian childhood(s). Topics considered may include multiculturalism and its discontents; historical texts and the production of history; nationhood and border anxieties; the performance of gender and sexual identities; and territory, the land, and dis/possession.

**PREREQUISITE:** 6 credit hours of First-Year English and 3 credit hours of study in Young People's Texts and Cultures at the 2000 level.

**RESTRICTIONS:** Students with credit in the former ENGL-2116(3) may not enrol in this class.

**ENGL-3120(6) PRACTICUM IN LITERATURE, LITERACY AND LANGUAGE (S3, AV)**

Students arrange volunteer work placements with organizations that support literature, literacy, and language development in Manitoba. First, students identify areas of interest, explore the theory and implications of the proposed work, and design the terms of their commitment and accountability within their chosen settings. Then they work at the placement and participate in the seminar so that they may reflect upon and represent their practicum work.

**PREREQUISITES:** 12 credit hours in English, including 6 credit hours of First-Year English.

**ENGL-3122(3) SPECIAL STUDIES I (Le3)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.

**ENGL-3131(6) SPECIAL STUDIES II (Le3)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.

**ENGL-3151(6) CRITICAL THEORY: AN INTRODUCTION (Le3)**

This course examines current theoretical debates in the fields of literary and cultural studies. Students read a range of selected texts in critical theory, from among Marxism, semiotics, psychoanalysis, reader response, poststructuralism, deconstruction, feminism, queer theory, critical race theory, postmodernism, and post colonialism. Although we may read literary and/or other cultural texts, the focus is on theory.

**PREREQUISITES:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2151(6).

**ENGL-3160(3) ADVANCED STUDIES IN CHILDREN'S CULTURAL AND LITERARY TEXTS (Le3)**

This course explores a group of literary, media, or cultural texts for young

people that is not covered by the various courses in Children's Literature offered at the 2000 level. Historical, critical, and theoretical questions about the cultural and rhetorical figure of "the child" are used to frame these specialized studies. Please consult the *English Department Handbook* for a detailed course description in any given year.

**PREREQUISITE:** 6 credit hours of First-Year English and 3 credit hours of study in Young People's Texts and Cultures at the 2000 level.

**RESTRICTIONS:** This course may be taken more than once.

**ENGL-3169(3) FILMS FOR YOUNG PEOPLE (Le3, La1)**

This course explores narrative films for young people, arguably the principal form through which contemporary North American young people encounter narrative. As well as looking at the history of the Hollywood system as this pertains to films for children and adolescents, we also look at the films for and about young people produced by international and independent filmmakers. Some attention is paid to developing strategies and a vocabulary for reading film.

**PREREQUISITES:** Minimum 3 credit hours from ENGL-2003(6), ENGL-2004(6), ENGL-2113(6), ENGL-2114(6), the former ENGL-2115(3) or the former ENGL-2116(3).

**ENGL-3190(6) LITERATURE AND FILM (Le3)** This course examines how novels, plays, short stories and historical narratives are associated with and/or adapted to screenplays and films. Attention is given to narrative theory and practices, elements and principles of story design, screenplay as literary genre, the art of adaptation, and interdisciplinary creative processes. Works to be studied range from British and American classics, such as *The Scarlet Letter* and *Portrait of a Lady*, to recent Canadian and international feature films, such as *The English Patient* and *A History of Violence*.

**PREREQUISITES:** 6 credit hours of First-Year English.

**ENGL-3210(6) ROMANTIC LITERATURE AND CULTURE (Le3)**

This course introduces students to English literature and culture of the Romantic period (1789-1832). The course not only considers Romanticism as a complex response to a shared set of literary and philosophical anxieties, but also focuses on the interplay between the socio-political concerns of the Romantic period and the literature that the period produced. Touching on topics as contentious as the French Revolution, women's rights, and the slave trade, the course examines the ways in which issues of nationality, race, and gender shaped the work of many of the most influential men and women writers of the day.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3211(6) VICTORIAN AND EDWARDIAN LITERATURE (Le3)**

This course examines the formations and transformations in British culture between the 1830s and World War I through an exploration of literary texts, cultural artefacts, and social documents. In any year, the course is organized around several specific themes, such as Empire, the domestic ideal, detection and surveillance, the cult of the child, or aestheticism; and several specific methodologies, such as cultural studies, gender and sexuality studies, narrative theory, or Marxist theory. Although this course draws on a wide range of non-canonical material, writers whose works we consider include Charlotte Brontë, George Eliot, Charles Dickens, Tennyson, the Brownings, Oscar Wilde, and Thomas Hardy.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3222(6) MODERNISM (Le3)**

This course studies the literature and culture of the modernist period, from approximately 1910 to 1945, and examines the characteristics and contexts of the period itself. Students study fiction, poetry, drama, and non-fiction from a variety of national contexts and international movements. Depending on the instructor, the course may focus on such modernist movements as imagism, Futurism, Dadaism, and surrealism, and on the political, economic, social, and philosophical contexts of modernity. This course includes a cultural studies approach to investigate the relationships between literature

and other cultural forms, such as painting, film, architecture, and music.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3225(6) CONTEMPORARY BRITISH LITERATURE AND CULTURE (Le3)** This course examines the transformations within British literature and culture that have occurred in the contemporary period, with a special consideration of how the idea of "culture" itself has become integral to the articulation of a post-imperial national identity. Students examine literature alongside film, television, music, and the visual arts in order to comprehend the changes in British culture and society that have come with the transformation of Britain into a multicultural nation and with its efforts to find its geopolitical place in an era of globalization.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6)

**ENGL-3401(6) MODERN DRAMA (Le3)** This course consists of a critical study of plays representative of the main trends in twentieth-century theatre. Playwrights such as Ibsen, Strindberg, Chekhov, Pirandello and Brecht will be studied.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3710(6) CANADIAN LITERATURE AND CULTURE TO 1914 (Le3)** This course explores Canadian literature and culture from the 17<sup>th</sup> to the early 20<sup>th</sup> century. A variety of cultural texts are examined for their role in producing Canada as a simultaneously colonized, colonial, and colonizing society. Students consider how European writers represent contact with 'New World' subjects; the construction of 'invader-settler' subjectivity; Aboriginal experiences of contact and invasion-settlement; and the simultaneously geographical, cultural. Texts studied include early missionary accounts, exploration accounts, settlement texts, travel narratives, visual representations of the 'New World' novels, poetry, short stories, and political records.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3713(6) CONTEXTS IN CANADIAN LITERATURE (Le3)** This course explores the fiction, poetry, drama, and non-fiction written in Canada in the nineteenth, twentieth and twenty-first centuries. Literary texts are studied in their cultural, historical, political, and economic contexts. As well as looking at the influences of Aboriginal, British, and French literature and culture, students investigate the roles of gender, class, ethnicities, race, sexualities, and immigration in the changing fields of Canadian literature and culture. The specific contexts explored are determined each year by the instructor.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3714(3) LITERATURE OF WINNIPEG (Le3)** In this course, we consider Winnipeg as a literary city and as a subject of literature. The works studied are written by authors who live or have lived in Winnipeg. Most of the texts take Winnipeg as their setting, often in contrast to another place, such as the rural prairie environment or immigrant characters' places of origin. This focus on the experience of different ethnic groups may include writing by and about Aboriginal, Asian, British, Eastern European, French, Jewish, and Mennonite people.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3715(6) DIASPORIC LITERATURES AND CULTURES IN CANADA (Le3)** This course explores the literatures and cultures of diasporic writers and artists in Canada, including those of African, Caribbean, and Asian descent. The emphasis is on works after 1960 and on such overlapping concepts as ethnicity, citizenship, nationalism, multiculturalism, postcolonialism, and globalization. Students read a variety of literary and cultural texts, such as fiction, poetry, drama, criticism, film, art, and music, that represent diasporic experiences within the context of Canadian literature and society. Other possible topics are the immigrant experience, human rights, translation, and the intersections among race, gender, sexuality, and class. Each

version of the course emphasizes different diasporic literatures and cultures.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3716(6) CANADIAN LITERATURE AND CULTURE AFTER 1914 (Le3)** This course introduces students to fiction, poetry, drama, and non-fiction written in Canada from the beginning of World War I to the present day. Literary texts are studied in their cultural, historical, political, and economic contexts, and in relation to other arts such as painting, film, music, and photography. Attention is paid to the roles of modernism, postmodernism, and postcolonialism in the construction of the Canadian literary tradition, and to women, Aboriginal, immigrant, and diasporic writers.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3717(6) ABORIGINAL LITERATURES (Le3)** This course explores literary and other cultural texts by a range of Native Canadian and American authors, with a focus on texts produced during and after 1960s. The course studies texts that address issues about individual, communal, and cultural loss and renewal through new ways of thinking, seeing, and imagining. In our explorations, we employ various reading strategies and engage contemporary critical/theoretical perspectives. Each version of the course may have a different emphasis.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3719(3) LITERATURE OF MANITOBA (Le3)** This course explores the literary culture of the Canadian Prairies through texts written by Manitoba authors. Themes examined may include the pioneer experience, establishing new communities in unfamiliar territory while recalling a cultural history from another place; the experience of colonized aboriginal peoples; different perceptions of nature and the land; small town and big city life; and the search for intellectual, social, and religious freedom amidst perceived parochialism. Authors studied may include Margaret Laurence, Martha Ostenso, Tomson Highway, Frederick Philip Grove, Gabrielle Roy, Kristjana Gunnars, Patrick Friesen, Miriam Toews, Beatrice Culleton Mosionier, Sandra Birdsell, David Arnason, Robert Kroetsch, and W.D. Valgardson.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3720(6) AMERICAN LITERATURE AND CULTURE TO 1914 (Le3)** This course explores American literature and culture from the 17<sup>th</sup> to the early 20<sup>th</sup> century, including major continuities such as Puritanism, Calvinism, revolutionary nationalism, and Transcendentalism. The course offers study of authors such as Edward Taylor, Anne Bradstreet, Phillis Wheatley, James Fenimore Cooper, R. W. Emerson, Nathaniel Hawthorne, Herman Melville, Mark Twain, Emily Dickinson, Margaret Fuller, and Henry James. Texts studied include exploration accounts, religious and spiritual treatises, captivity narratives, Aboriginal and slave narratives, autobiographies, philosophical essays, and political documents. In addition, some attention will be given to the comparative study of American, Canadian, and British literatures and cultures.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-3701(6).

**ENGL-3721(6) AMERICAN LITERATURE AND CULTURE AFTER 1914 (Le3)** This course introduces students to fiction, prose, poetry, and drama written in the United States from the beginning of World War I to the present day. Literary texts are studied in their cultural, historical, political, technological and economic contexts, and in relation to other arts such as painting, film, music, architecture and photography. Attention is paid to the roles of class, race, sexualities, gender, ethnicities, immigration, regionalism, nationalism, and neo-colonialism. Authors may include: William Carlos Williams, Wallace Stevens, Robert Frost, Sylvia Plath, Langston Hughes, Ernest Hemingway, William Faulkner, Gertrude Stein, Flannery O'Connor, John Barth, Alice Walker, and Toni Morrison.

**PREREQUISITE:** ENGL-1001(6) or both ENGL-1000(3) and ENGL-1003(3).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-3701(6).

**ENGL-3722(6) AMERICAN LITERATURE AND CULTURE AFTER 1914 (Le3)** This course introduces students to fiction, prose, poetry, and drama written in the United States from the beginning of World War I to the present day. Literary texts are studied in their cultural, historical, political, technological and economic contexts, and in relation to other arts such as painting, film, music, architecture and photography. Attention is paid to the roles of class, race sexualities, gender, ethnicities, immigration, regionalism, nationalism, and neo-colonialism. Authors may include: William Carlos Williams, Wallace Stevens, Robert Frost, Sylvia Plath, Langston Hughes, Ernest Hemingway, William Faulkner, Gertrude Stein, Flannery O'Connor, John Barth, Alice Walker, and Toni Morrison.

**PREREQUISITE:** 6 credit hours of First-Year English.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-3701(6).

**ENGL-3752(3) THE HISTORY OF GREEK LITERATURE (Le3)** This course will examine the history of Greek literature from Homer to the Hellenistic age. Among the genres of literature to be studied will be epic poetry, lyric poetry, tragedy, comedy, and the novel. Some works by the most significant authors (to be read in translation) will be selected for detailed study and, in making the selection, consideration will be given to the needs of those taking complementary courses in English literature.

**PREREQUISITE:** 6 credit hours of First-Year English for students taking this course as part of their English Major.

**RESTRICTIONS:** May not be taken by students with credit in ENGL/CLAS-2712.

**CROSS-LISTED:** Classics CLAS-3752(3).

**ENGL-3753(3) THE HISTORY OF LATIN LITERATURE (Le3)** This course will examine the history of Latin literature from the earliest period until the later principate. While all genres of literature will be identified, the works by the most significant authors (to be read in translation) will be selected for detailed study. In making the selection, consideration will be given to the needs of those taking complementary courses in English Literature.

**PREREQUISITE:** 6 credit hours of First-Year English for students taking this course as part of their English Major.

**RESTRICTIONS:** May not be taken by students with credit in ENGL/CLAS-2713(3).

**CROSS-LISTED:** Classics CLAS-3753(3).

**ENGL-3800(6) STYLISTICS (Le3)** This course examines the principles and methods of textual analysis as a language-centred approach to literary and non-literary discourse.

Various texts are analyzed using six descriptive linguistic tools, namely sounding (phonology), seeing (graphology), wording (lexis), arranging (syntax), meaning (semology and semantics), and ornamenting (rhetoric). Textual analysis considers the effect of writers' choices to create different reader responses to literary elements such as developing characters, building suspense, creating humour, and achieving particular rhetorical purposes.

**PREREQUISITE:** 6 credit hours of First-Year English or departmental permission.

**CROSS-LISTED:** LING-3001(6) Textual Analysis.

**ENGL-3812(6) A HISTORY OF THE ENGLISH LANGUAGE (Le3)** This course studies the evolution of the English language as the medium of literature. The course traces the development of those aspects of phonology, morphology, syntax, and lexicon which account for the linguistic distinctiveness of texts from the Old English (*Beowulf*), Middle English (Chaucer), Early Modern English (Shakespeare), and Modern English periods. Students will gain insight into the relationship between linguistic and literary change and experience in describing and analyzing the language of texts from various historical epochs.

**PREREQUISITES:** 6 credit hours in First-Year English OR Departmental permission.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2811(3) or ENGL-2811(6).

**ENGL-3901(6) TWENTIETH-CENTURY GAY AND LESBIAN LITERATURE (Le3)** This course will survey selected authors of twentieth-century lesbian and gay literature in order to trace the development of these literatures. The course addresses conditions influencing gay and lesbian literary expression, changing ideas about lesbian and gay persons, developments within gay and lesbian cultures, the Women's Movement, Gay Liberation Movement, feminist analysis and the AIDS epidemic. Forms of literary expression studied will include criticism, essays, fiction, poetry, drama, and experimental writing. Students interested in this course are encouraged to consult with the instructor.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-3951(3) TOPICS IN FEMINIST THEORY (Le3)** This course focuses on a topic in feminist theory that varies from year to year. Possible topics include women and language; women and nature; feminism and Marxism; female communities; women and diaspora; and feminism and popular culture. Students should consult the English Department Handbook for information about specific iterations of the course. This course may be repeated for credit when the topic varies.

**PREREQUISITE:** 6 credit hours of First-Year English.

**ENGL-4001(3) TUTORIAL HONOURS PAPER AND ORAL EXAMINATION (S, V)** This course is intended to prepare students for graduate studies in literature. Under the supervision of an appropriate instructor, students will research and write a scholarly paper, which will form the basis for a symposium or an oral examination. Students should see the Honours Chair for guidelines.

**PREREQUISITES:** 6 credit hours in First-Year English, and at least 12 other credit hours in English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-4001(6).

**ENGL-4103(3) RESEARCH APPRENTICESHIP (S3)** In this apprenticeship, students reflect on how research issues influence their study of language and literature. Students meet with instructors who have similar research interests in one-to-one tutorials and seminars to discuss common research questions and practices. They may consider a range of issues, including, for example, the analysis of how key periodicals, critical studies, and professional associations define a particular research topic. This course supports the development of research skills for work in the field of English studies. Students may also be guided in the preparation of manuscripts for publication.

**PREREQUISITES:** ENGL-2142(6) and at least 6 credit hours at the 4000-level in English, or permission of the Department.

**ENGL-4104(3) TUTORIAL APPRENTICESHIP IN ENGLISH (S3)** This course provides opportunities for experiencing and exploring learning and teaching strategies in university language and literature courses. Students assist in a designated lecture/seminar course in English in a variety of ways. They may be asked to lead tutorial groups, to facilitate seminars, to help in the preparation of course materials, to offer support to students, and to edit and evaluate students' written work. Students meet regularly with the supervising professor in order to discuss and evaluate teaching strategies and materials.

**PREREQUISITES:** 6 credit hours in First-Year English and at least 12 other credit hours in English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-4001(6).

**ENGL-4110(6) CRITICAL THEORY (S3)** This course explores current trends in critical, cultural, and literary theory. Possible areas of inquiry include Marxism, semiotics, psychoanalysis, reader response, poststructuralism, deconstruction, feminism, queer theory, critical race theory, postmodernism, and postcolonialism.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4122(3) SPECIAL STUDIES I (S3)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.

**PREREQUISITES:** 6 credit hours in First-Year English.  
**COREQUISITES:** ENGL-2142(6).

**ENGL-4131(6) SPECIAL STUDIES II (S3)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Departmental Curriculum Committee and the Department Chair.

**PREREQUISITES:** 6 credit hours in First-Year English.  
**COREQUISITES:** ENGL-2142(6).

**ENGL-4211(6) THE ROMANTIC MOVEMENT IN ENGLISH LITERATURE (S3)** This course is a study of the origins and modes of Romanticism. Emphasis will be placed upon Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

**PREREQUISITES:** 6 credit hours in First-Year English.  
**COREQUISITES:** ENGL-2142(6).

**ENGL-4242(6) MEDIEVAL LITERATURE 1350-1500 (S3)**

This course discusses representative works of medieval romance and visionary allegory toward an appreciation of these two seminal genres. The course focuses particularly on *Sir Gawain and the Green Knight*, Malory's *Morte d'Arthur*, *Pearl*, and *Piers Plowman*. Some continental predecessors in translation (*Romance of the Rose* and Chretien's romances), lays and metrical romances, lyrics, mystery plays, and works by known female authors, as well as texts from medieval revivals in later centuries, may also receive attention.

**PREREQUISITE:** 6 credit hours in First-Year English.  
**COREQUISITES:** ENGL-2142(6).

**ENGL-4251(6) SIXTEENTH-CENTURY LITERATURE (S3)**

This course studies a selection of poetry, drama, and prose by sixteenth-century English writers. Attention is given to developments in literary styles and to significant religious, scientific, political, social, and philosophical contexts, such as, for example, the new world, exploration and colonization, religious reformation, the rise of individualism, and the discourse of gender relations.

**PREREQUISITE:** 6 credit hours in First-Year English.  
**COREQUISITES:** ENGL-2142(6).

**ENGL-4261(6) SEVENTEENTH-CENTURY LITERATURE (S3)**

This course studies a selection of poetry, drama, and prose by seventeenth-century English writers. Attention is given to developments in literary styles and to significant religious, scientific, political, social, and philosophical contexts, such as, for example, Kingship, puritanism, exploration and colonization, civil war, and revolution.

**PREREQUISITE:** 6 credit hours in First-Year English.  
**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-4271(6).

**ENGL-4270(6) EIGHTEENTH-CENTURY STUDIES (S3)**

This course provides students with a grounding in the intellectual, cultural, and literary environments of the eighteenth century in England by studying literary texts as well as other cultural texts. We focus on such dominant discourses as Enlightenment and Sensibility, investigating how they were disseminated through canonical texts in the period. We also consider challenges offered to dominant culture by marginalized writers. Students are expected to develop familiarity with a variety of theoretical approaches such as Marxist or class analysis, postcolonial theory,

feminist theory, new historicism, cultural theory, and discourse analysis.

**PREREQUISITE:** 6 credit hours in First-Year English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-4221(6).

**ENGL-4281(6) VICTORIAN AND EDWARDIAN STUDIES 1837-1910 (S3)**

This course studies the ways in which the literatures of the Victorian and Edwardian periods expressed and struggled with such intellectual, political, and social issues as evolution, colonialism and imperialism, industrialization, and first-wave feminism. Attention will be given to a range of genres, including canonical and popular fiction, essays, and poetry.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-3211(6) or ENGL-4511(6).

**ENGL-4285(6) TOPICS IN MODERNISM (S3)**

This course focuses on some of the literary and cultural texts of modernism, understood as a series of contemporaneous transnational artistic and cultural movements between approximately 1910 and 1945. Topic areas vary depending on instructor, but may include women and modernism, modernism and imperialism, modernist literature and the visual arts, the Harlem Renaissance, the modernist avant-gardes, or popular modernisms.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4292(6) LITERATURE IN THE BRITISH ISLES SINCE 1945 (S3)**

In this course, students study literature published in England, Ireland, Scotland, and Wales since the end of World War II. Working with a variety of genres, students move from an investigation of established post-war writers such as Samuel Beckett, John Fowles, and Doris Lessing to the exploration of contemporary regionalized, bi-national and multi-cultural writing. Readings may therefore include selections from writers such as Moniza Alvi, Anita Brookner, Caryl Churchill, Seamus Heaney, Kazuo Ishiguro, Salman Rushdie, Jeanette Winterson, and others.

**PREREQUISITE:** 6 credit hours in First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4301(6) CHAUCER (S3)**

An interpretative reading of Chaucer's poetry is offered and supported by a study of his language, versification, and philosophical, literary, and theological sources. The course will include the *Canterbury Tales*, *Troilus and Criseyde*, *The Book of the Duchess*, *The Parliament of Fowls*, *The House of Fame*, *The Legend of Good Women*, and a number of the lyrics.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4311(6) TOPICS IN SHAKESPEARE (S3)**

This course provides a study of Shakespeare in relation to current cultural concerns. In addition to a selection of Shakespeare's works, it may, for instance, deal with re-makings of those works in various media, or with the analysis of Shakespeare's works from various cultural approaches, such as post-colonialism, materialism, and feminism. Students should consult the *Department Handbook* for a description of the course being offered in any year.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2311(6).

**ENGL-4341(3) INDIVIDUAL AUTHOR I (S3)**

Like ENGL-4342(3) Individual Author II, this course offers students the opportunity for intensive study of an author on whose work there is a significant body of criticism. Each time the course is offered the name of the author will be listed in the *Timetable*.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4342(3) INDIVIDUAL AUTHOR II (S3)** Like ENGL-4341(3) Individual Author I, this course offers students the opportunity for intensive study of an author on whose work there is a significant body of criticism. Each time the course is offered the name of the author will be listed in the *Timetable*.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4442(6) TOPICS IN DRAMA AND DRAMATIC THEORY (S3)**

This course provides a critical study of an area of drama in relation to theories of dramatic form, performance, and ideology. It may, for instance, in one year involve the study of the work of a limited number of authors; in another, dramatic texts from a particular historical period or specific genres within drama. Students should consult the *Department Handbook* for a description of the course being offered in any given year.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4642(6) MODERN FICTION IN TRANSLATION (S3)**

This course offers a study of modern novels, novellas, and short stories with a concentration on European, South American and Japanese writers such as Kafka, Mann, Robbe-Grillet, Camus, García Márquez, Borges, Fuentes, Mishima, and Kawabata.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4710(6) TOPICS IN CANADIAN LITERATURE (S3)**

This course offers a study of an area of Canadian literature not covered by the general courses in Canadian literature. It may, for instance, involve the study of a limited number of authors or an historical period, or it may focus on one or two genres or on critical theory in relation to Canadian literature.

**PREREQUISITES:** 6 credit hours in First-Year English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-4711(6) and ENGL-4712(6).

**ENGL-4720(6) TOPICS IN AMERICAN LITERATURE (S3)**

This course offers a study of an area of American literature not covered by the general courses in American literature. It may, for instance, involve the study of a limited number of authors or an historical period, or it may focus on one or two genres or on critical theory in relation to American literature.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**RESTRICTIONS:** May not be taken by students with credit in ENGL-4531(3) or ENGL-4651(3) without Departmental permission.

**ENGL-4730(3) TOPICS IN POSTCOLONIAL STUDIES I (S3)**

This course investigates some of the central questions in the field of postcolonial studies through an analysis of literary, popular, and theoretical works from one or more of these regions: Africa, the Caribbean, South Asia, and/or the Middle East. Please consult the English *Department Handbook* for a detailed course description in any given year.

**PREREQUISITE:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4731(3) TOPICS IN POSTCOLONIAL STUDIES II (S3)**

This course considers one important aspect of postcolonial studies in greater detail than Topics in Postcolonial Studies I. Examples may include postcolonial feminist writings or specific regional or national literatures studied in depth. Please consult the English *Department Handbook* for a detailed course description in any given year.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4740(6) TOPICS IN COMPARATIVE LITERATURE (S3)**

This course focuses on a topic in the field of comparative literature, the study of literatures and cultures, literary history, and theory, across two or more linguistic groups, cultures, or national literatures. Texts originally

written in other languages are read in translation normally. Students should consult the English Department Handbook for information about specific iterations of the course. This course may be repeated for credit if the topic varies.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITE:** ENGL-2142(6).

**ENGL-4823(3) OLD ENGLISH LANGUAGE (S3)**

This course provides an introduction to Old English (Anglo-Saxon). The study of sounds, vocabulary, and structure is followed by the translation and analysis of representative Old English literature, mainly prose.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

**ENGL-4841(3) OLD ENGLISH LITERATURE (S3)**

This course provides an introduction to the literature of Old English (Anglo-Saxon), by means of translation and analysis of selected prose and poetry, with proper emphasis upon *Beowulf*.

**PREREQUISITES:** 6 credit hours of First-Year English and ENGL-4823(3).

**COREQUISITES:** ENGL-2142(6).

**ENGL-4901(6) TOPICS IN GENDER, LITERATURE AND CULTURE (S3)**

Over the past thirty years, Feminism, Gender Studies and Queer Theory have had a profound impact on the study of literature, film, and other forms of cultural production. This course focuses on a topic in gender, literature, and culture that varies from year to year. Possible topic areas are the continued relevance of feminism and feminist theory to literary study, queer theory and its impact on how we read texts, and the intersection of postcolonial theory, gender, and literary and cultural production. Students should consult the *Departmental Handbook* for more details.

**PREREQUISITES:** 6 credit hours of First-Year English.

**COREQUISITES:** ENGL-2142(6).

- Last Updated August 20, 2009



# ENVIRONMENTAL STUDIES (ENV)

**Note: The department/program code ENV replaces the former code 84. Students cannot hold credit in ENV-xxxx and the former 84.xxxx having the same course number (e.g., ENV-1600(3) and 84.1600(3)).**

**Acting Director: R. Westwood;** Faculty: A. Diduck, M. Mehta, J. Tardif, R. Westwood, C. Wong. Program Advisors: Ecology, E. Byard; Forestry, J. Tardif, R. Westwood; Sustainability, A. Diduck, J. Harris; Global Issues, B. Rannie; Environmental Chemistry, D. Vanderwel; Urban, J. Distasio; GIS, E. Cloutis; Social Environment, J. Novek; Economics, S. Baksi; Climate Change, D. Blair; Politics, K. Gibbons.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**  
**4-Year BA**  
**4-Year BSc**  
**4-Year BSc (UW/RRC)**

## INTRODUCTION

Founded in 1970, the Environmental Studies Program was one of the first interdisciplinary undergraduate environment programs in Canada, and one of the first few to emerge worldwide. Following the general principles of sustainability, the Program takes an integrated yet practical approach to human-environmental interactions and resource and environmental problems. The mission of the Program is to maintain and restore the health of the ecosphere and its people by i) educating and training the environmental leaders of tomorrow, ii) creating and disseminating knowledge, and iii) engaging with communities at local, regional and global levels.

The Environmental Studies Program offers four separate degree options: 3-Year BA, 4-Year BA, 4-Year BSc and 4-Year BSc (joint program with Red River College). BA students can take either the Issues in Sustainability stream or the Urban Environments stream. BSc students can choose from among four streams: Chemistry, Forest Policy and Management, Forest Ecology and Global Environmental Systems. The joint program with Red River College offers 4-year and 5-year options. The 5-year option includes a full co-op work term.

## REQUIREMENTS FOR A 3-YEAR BA

### ADMISSION REQUIREMENT

Students must meet prerequisites where required.  
Students must consult with the Program Director when planning their curriculum at the beginning of each term.

### GRADUATION REQUIREMENT

90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing. RHET-1105(3) Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Issues in Sustainability, 60 credit hours; Urban Environments, 57 credit hours.  
Double Major: The student must meet both the requirements of Environmental Studies and those of the second Major Department. A course listed by both Department counts towards both Majors (unless it is clearly stated otherwise in that discipline's section of this Calendar).  
Combined Major: Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. Required courses depend on second major and will be determined in consultation with the department advisor.

## ISSUES IN SUSTAINABILITY

<b>BIOL-1106(3)</b>	Environmental Biology	<b>PHIL-2233(3)</b>	Environmental Ethics
<b>CHEM-2801(3)</b>	Chemistry and Society	<b>POL-2310(3)</b>	Public Administration: Macro
<b>ECON-1104(3)</b>	Introduction to Economic Theory	<b>POL-3300(3)</b>	Public Policy Process
<b>ECON-2317(3)</b>	Environmental Economics	<b>ENV-1600(3)</b>	Human-Environmental Interactions
<b>GEOG-1201(3)</b>	Introductory Atmospheric Science	<b>ENV/IDS-2603(3)</b>	Environmental Sustainability: A Global Dilemma
<b>GEOG-1202(3)</b>	Introductory Earth Science	<b>ENV-3609(3)</b>	Research Methods and Design
<b>GEOG-2309(3)</b>	Statistical Techniques in Environmental Analysis	<b>ENV-3610(3)</b>	Research Projects
<b>GEOG-2414(3)</b>	The Urban Environment		

**one of:**  
**POL-2505(3)** Issues in City Politics  
**POL-3450(3)** Sustainability and Environmental Politics  
**one of:**  
**ECON-3305(3)** Economic Development\*

**ECON-3306(3)** International Aspects of Economic Development\*  
**IDS-3111(3)** An Analysis of Development Aid Policies\*  
**IDS-3110(3)** Poverty-Focused Development\*

9 credit hours from among:

**ECON-2311(3)** Economics of Natural Resource Extraction  
**ECON-2318(3)** Energy Economics  
**GEOG-2204(3)** Human Impact on the Environment  
**GEOG-2401(3)** Agricultural Geography  
**GEOG-2408(3)** Environmental Perception and Human Behaviour\*  
**GEOG-2411(3)** Geography of Globalization\*  
**GEOG-3401(3)** Population Geography\*  
**POL-3310(3)** Health Care and Environmental Policy

**SOC-2121(3)** Population Problems\*  
**SOC-2404(3)** Sociology of Development and Underdevelopment\*  
**SOC-2501(3)** Technology and Society  
**SOC/ENV-2502(3)** Sociology of the Environment  
**ENV-2604(3)** Environment and Health  
**ENV-3603(3)** Winnipeg and the Environment: A Case Study Approach

\* courses with prerequisites that are not required courses in the major

## URBAN ENVIRONMENTS

Required courses:

**BIOL-1106(3)** Environmental Biology  
**CHEM-2801(3)** Chemistry and Society  
**ECON-1104(3)** Introduction to Economic Theory  
**ECON-2317(3)** Environmental Economics  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science  
**GEOG-2309(3)** Statistical Techniques in Environmental Analysis  
**GEOG-2414(3)** The Urban Environment  
**GEOG-2415(3)** An Introduction to Urban Development  
**PHIL-2233(3)** Environmental Ethics

**POL-2500(3)** City Politics  
**POL-2505(3)** Issues in City Politics  
**ENV-1600(3)** Human-Environmental Interactions  
**ENV-2604(3)** Environment and Health  
**ENV-3025(3)** Issues in Sustainable Cities  
**ENV-3035(3)** Environment and Law  
**ENV-3603(3)** Winnipeg and the Environment  
**ENV-3609(3)** Research Methods and Design  
**ENV-3610(3)** Research Projects

Suggested electives:

**BIOL-4411(3)** Water Quality and Health\*  
**BIOL-4475(3)** Urban Forestry\*  
**CHEM-3601(3)** Environmental Chemistry\*  
**ECON-3303(3)** Economics of Public Expenditures\*  
**ECON-3315(3)** Urban Economics\*  
**GEOG-2411(3)** Geography of Globalization\*  
**GEOG-3401(3)** Population Geography\*  
**GEOG-3402(3)** Urbanization in the Developing World  
**GEOG-3413(3)** Urban Revitalization  
**GEOG-3480(3)** Water Resources  
**GEOG-4403(3)** Urban Land Use - Developmental Processes  
**GEOG-4404(3)** Field Research in Urban Geography  
**HIST-3544(6)** The History of Winnipeg  
**HIST-4550(6)** Advanced Studies in the History of Canadian Regions and Communities  
**POL-2305(3)** Public Administration: Micro  
**POL-2310(3)** Public Administration: Macro  
**POL-3300(3)** Public Policy Process  
**POL-3500(6)** Globalization and City Politics  
**POL-3450(3)** Sustainability and Environmental Politics

**POL-4505(6)** Politics of Urban Planning  
**REL-2505(3)** Religious Interpretations of the City  
**SOC-2120(3)** Sociology of Communities\*  
**SOC-3113(6)** Sociology of Cities and Urban Life\*  
**IDS-3110(3)** Poverty-Focused Development\*  
**ENV/ANTH-2211(3)** Origin and Development of Urbanism  
**ENV-2416(3)** Sex, Gender, Space and Place  
**ENV/SOC-2502(3)** Sociology of the Environment  
**ENV-2521(3)** Voluntary Simplicity  
**ENV-2603(3)** Environmental Sustainability  
**ENV-2606(3)** Business and the Environment  
**ENV-3015(3)** Canadian Inner Cities  
**ENV-3020(3)** Women and Urban Environments  
**ENV-3030(3)** Urban Policy Issues  
**ENV-4611(6)** Environmental Impact Assessment  
**ENV-4614(3)** Critical Environmental Issues

\* courses with prerequisites that are not required courses in the major

## REQUIREMENTS FOR A 4-YEAR BA

<b>ADMISSION REQUIREMENT</b>	Students must meet prerequisites where required. Students must consult with the Program Director when planning their curriculum at the beginning of each term.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1105(3) Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
4000-Level Courses:	Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of department

## MAJOR REQUIREMENT

Single Major:	Issues in Sustainability, 72 credit hours; Urban Environments, 72 credit hours.
Double Major:	The student must meet both the requirements of Environmental Studies and those of the second Major Department. A course listed by both Departments counts towards both Majors (unless it is clearly stated otherwise in that discipline's section of the Calendar).
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject. Required courses depend on second major and will be determined in consultation with the departmental advisor.

## ISSUES IN SUSTAINABILITY

Required courses:

<b>BIOL-1106(3)</b>	Environmental Biology	<b>POL-3450(3)</b>	Sustainability and Environmental Politics
<b>CHEM-2801(3)</b>	Chemistry and Society	<b>ENV-1600(3)</b>	Human-Environmental Interactions
<b>ECON-1104(3)</b>	Introduction to Economic Theory	<b>ENV/IDS-2603(3)</b>	Environmental Sustainability: A Global Dilemma
<b>ECON-2317(3)</b>	Environmental Economics	<b>ENV-3609(3)</b>	Research Methods and Design
<b>GEOG-1201(3)</b>	Introductory Atmospheric Science	<b>ENV-3610(3)</b>	Research Projects
<b>GEOG-1202(3)</b>	Introductory Earth Science	<b>one of:</b>	
<b>GEOG-2309(3)</b>	Statistical Techniques in Environmental Analysis	<b>ECON-3305(3)</b>	Economic Development*
<b>GEOG-2414(3)</b>	The Urban Environment*	<b>ECON-3306(3)</b>	International Aspects of Economic Development*
<b>PHIL-2233(3)</b>	Environmental Ethics	<b>IDS-3111(3)</b>	An Analysis of Development Aid Policies*
<b>POL-2310(3)</b>	Public Administration: Macro	<b>IDS-3110(3)</b>	Poverty-Focused Development*
<b>POL-2505(3)</b>	Issues in City Politics		
<b>POL-3300(3)</b>	Public Policy Process		

18 credit hours from among:

<b>ECON-2311(3)</b>	Economics of Natural Resource Extraction	<b>POL-3310(3)</b>	Health Care and Environmental Policy
<b>ECON-2318(3)</b>	Energy Economics	<b>SOC-2121(3)</b>	Population Problems*
<b>ECON-3302(3)</b>	International Finance	<b>SOC-2404(3)</b>	Sociology of Development and Underdevelopment*
<b>ECON-3303(3)</b>	Economics of Public Expenditures	<b>SOC-2501(3)</b>	Technology and Society
<b>ECON-3315(3)</b>	Urban Economics*	<b>SOC-3113(6)</b>	Sociology of Cities and Urban Life*
<b>GEOG-2204(3)</b>	Human Impact on the Environment	<b>IDS-1100(6)</b>	Introduction to International Development
<b>GEOG-2401(3)</b>	Agricultural Geography	<b>CRS-1200(6)</b>	Introduction to Conflict Resolution Studies
<b>GEOG-2407(3)</b>	Recreation Geography*	<b>IDS-2131(3)</b>	Rural Development*
<b>GEOG-2408(3)</b>	Environmental Perception and Human Behaviour*	<b>IDS-2181(3)</b>	Selected Topics in International Development Studies*
<b>GEOG-2411(3)</b>	Geography of Globalization*	<b>IDS-3111(3)</b>	An Analysis of Development Aid Policies*
<b>GEOG-3216(3)</b>	Arctic Environments	<b>ENV/SOC-2502(3)</b>	Sociology of the Environment
<b>GEOG-3217(3)</b>	Tropical Environments	<b>ENV-2604(3)</b>	Environment and Health
<b>GEOG-3401(3)</b>	Population Geography*	<b>ENV-2606(3)</b>	Business and the Environment
<b>GEOG-3402(3)</b>	Urbanization in the Developing World*	<b>ENV-2941(6)</b>	The City in Literature
<b>GEOG-3408(3)</b>	Water Resources*	<b>ENV-3603(3)</b>	Winnipeg and the Environment: A Case Study Approach
<b>GEOG-4441(3)</b>	Advanced Studies in Environmental Perception*		
<b>POL-2100(6)</b>	Global Politics		
<b>POL-3105(6)</b>	Global Political Economy		

\* courses with prerequisites that are not required courses in the major

## URBAN ENVIRONMENTS

Required courses:

<b>BIOL-1106(3)</b>	Environmental Biology	<b>GEOG-2415(3)</b>	An Introduction to Urban Development
<b>CHEM-2801(3)</b>	Chemistry and Society	<b>PHIL-2233(3)</b>	Environmental Ethics
<b>ECON-1104(3)</b>	Introduction to Economic Theory	<b>POL-2500(3)</b>	City Politics
<b>ECON-2317(3)</b>	Environmental Economics	<b>POL-2505(3)</b>	Issues in City Politics
<b>GEOG-1201(3)</b>	Introductory Atmospheric Science	<b>ENV-1600(3)</b>	Human-Environmental Interactions
<b>GEOG-1202(3)</b>	Introductory Earth Science	<b>ENV-2604(3)</b>	Environment and Health
<b>GEOG-2309(3)</b>	Statistical Techniques in Environmental Analysis	<b>ENV-3025(3)</b>	Issues in Sustainable Cities
<b>GEOG-2414(3)</b>	The Urban Environment	<b>ENV-3035(3)</b>	Environment and Law
		<b>ENV-3603(3)</b>	Winnipeg and the Environment

**ENV-3609(3)** Research Methods and Design

**ENV-3610(3)** Research Projects

15 credit hours from among:

**BIOL-4411(3)** Water Quality and Health\*  
**BIOL-4475(3)** Urban Forestry\*  
**CHEM-3601(3)** Environmental Chemistry\*  
**ECON-3303(3)** Economics of Public Expenditures\*  
**ECON-3315(3)** Urban Economics\*  
**GEOG-2411(3)** Geography of Globalization\*  
**GEOG-3401(3)** Population Geography\*  
**GEOG-3402(3)** Urbanization in the Developing World  
**GEOG-3413(3)** Urban Revitalization  
**GEOG-3480(3)** Water Resources  
**GEOG-4403(3)** Urban Land Use - Developmental Processes  
**GEOG-4404(3)** Field Research in Urban Geography  
**HIST-3544(6)** The History of Winnipeg  
**HIST-4550(6)** Advanced Studies in the History of Canadian Regions and Communities  
**POL-2305(3)** Public Administration: Micro  
**POL-2310(3)** Public Administration: Macro  
**POL-3300(3)** Public Policy Process  
**POL-3500(6)** Globalization and City Politics  
**POL-3450(3)** Sustainability and Environmental Politics

**POL-4505(6)** Politics of Urban Planning  
**REL-2505(3)** Religious Interpretations of the City  
**SOC-2120(3)** Sociology of Communities\*  
**SOC-3113(6)** Sociology of Cities and Urban Life\*  
**IDS-3110(3)** Poverty-Focused Development\*  
**ENV/ANTH-2211(3)** Origin and Development of Urbanism  
**ENV-2416(3)** Sex, Gender, Space and Place  
**ENV/SOC-2502(3)** Sociology of the Environment  
**ENV-2521(3)** Voluntary Simplicity  
**ENV-2603(3)** Environmental Sustainability  
**ENV-2606(3)** Business and the Environment  
**ENV-3015(3)** Canadian Inner Cities  
**ENV-3020(3)** Women and Urban Environments  
**ENV-3030(3)** Urban Policy Issues  
**ENV-4611(6)** Environmental Impact Assessment  
**ENV-4614(3)** Critical Environmental Issues

\* courses with prerequisites that are not required courses in the major

## REQUIREMENTS FOR A 4-YEAR BSc

<b>ADMISSION REQUIREMENT</b>	Students must meet prerequisites where required. Students must consult with the Program Director when planning their curriculum at the beginning of each term.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1105(3) Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Chemistry, 84 credit hours; Global Environmental Systems, 84 credit hours; Forest Ecology, 87 credit hours; Forest Policy and Management, 81 credit hours.
Double Major:	The student must meet both the requirements of Environmental Studies and those of the second Major Department. A course listed by both Departments counts towards both Majors (unless it is clearly stated otherwise in that discipline's section of the Calendar).
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject. Required courses depend on second major and will be determined in consultation with the departmental advisor.

Required courses:

(These are the core courses for all BSc students.)

**BIOL-1115(3)** Cells and Cellular Processes  
**BIOL-1116(3)** Evolution, Ecology and Biodiversity  
**BIOL-2403(3)** Principles of Ecology  
**CHEM-1111(3)** Introduction to the Chemical Properties of Matter  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity  
**ECON-1104(3)** Introduction to Economic Theory  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science  
**PHIL-2233(3)** Environmental Ethics  
**ENV-1600(3)** Human-Environmental Interactions  
**ENV/IDS-2603(3)** Environmental Sustainability: A Global Dilemma

**ENV-3035(3)** Law and the Environment  
**ENV-4611(6)** Environmental Impact Assessment

3 credit hours from among:

**GEOG-2309(3)** Statistical Techniques in Environmental Analysis  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I

## CHEMISTRY

Required courses:

Core courses for all BSc students PLUS

**BIOL-4411(3)** Water Quality and Health  
**CHEM-2102(3)** Thermodynamics and Kinetics  
**CHEM-2202(3)** Organic Chemistry I  
**CHEM-2203(3)** Organic Chemistry II  
**CHEM-2302(3)** Quantitative Chemical Analysis  
**CHEM-2401(3)** Inorganic Chemistry I  
**CHEM-2501(3)** Principles of Biochemistry or **CHEM-3502(3)** Intermediate Biochemistry I  
**CHEM-3302(3)** Methods of Chemical Analysis  
**CHEM-3601(3)** Environmental Chemistry  
**MATH-1101(6)** Introduction to Calculus  
**PHYS-1101(6)** Foundations of Physics I or **PHYS-1301(6)** Introduction to Physics

## GLOBAL ENVIRONMENTAL SYSTEMS

Required courses:

Core courses for all BSc students PLUS

**GEOG-2207(3)** Climatology  
**GEOG-2213(3)** Introductory Soil Science  
**GEOG-2214(3)** Soil-Vegetation Systems  
**GEOG-3210(3)** Hydrology  
**GEOG-3401(3)** Population Geography\*

6 credit hours from among the following techniques courses:

**GEOG-2304(3)** Computer Mapping  
**GEOG-2316(3)** Remote Sensing  
**GEOG-3302(3)** Principles of Geographic Information Systems  
**GEOG-3316(3)** Aerial Photography

6 credit hours from the following geography options:

**GEOG-2408(3)** Environmental Perception and Human Behaviour\*  
**GEOG-2411(3)** Geography of Globalization\*  
**GEOG-2414(3)** The Urban Environment\*  
**GEOG-3408(3)** Water Resources\*  
**GEOG-3508(3)** Geographical Issues in the Developing World\*  
**GEOG-2212(3)** Natural Hazards  
**GEOG-2204(3)** Human Impact on the Environment

6 credit hours from the following physical geography options:

**GEOG-2215(3)** Mineralogy and Petrology  
**GEOG-2216(3)** Physical Geology  
**GEOG-2218(3)** Fluvial and Hillslope Processes  
**GEOG-2219(3)** Glacial and Periglacial Processes  
**GEOG-3204(3)** Climate Change and Variability  
**GEOG-3215(3)** Biogeography  
**GEOG-3216(3)** Arctic Environments  
**GEOG-3217(3)** Tropical Environments  
**GEOG-3219(3)** Quaternary Environments

6 credit hours from the following options:

**PHIL-1002(6)** Values and the Human Condition  
**POL-3105(6)** Global Political Economy  
**POL-3120(3)** International Law  
**SOC-2110(6)** Social Change \*  
**IDS-1100(6)** Introduction to International Development Studies  
**IDS-2131(3)** Rural Development \*  
**IDS-3160(3)** Cultural Perspectives on Global Processes \*  
**CRS-1200(6)** Introduction to Conflict Resolution Studies  
**ENV/SOC-2502(3)** Sociology of the Environment  
**ENV-2604(3)** Environment and Health  
**ENV-2606(3)** Business and the Environment  
**ENV-3030(3)** Urban Policy Issues  
**ENV-3052(3)** Issues in Sustainable Cities

\* courses with prerequisites that are not required courses in the major

## FOREST ECOLOGY

The Forest Ecology and Forest Policy and Management streams are now recognized by the Canadian Institute of Forestry (CIF), Canada's professional organization of foresters and leading voice for the forest industry. This designation allows graduates from these streams to have the prestige associated with a nationally recognized forestry baccalaureate program, giving students a competitive edge and the specialized skills needed to work in the forest industry or many associated professions. Graduates of the University of Winnipeg's Forest Ecology program receive Silver Ring recognition from the CIF which symbolizes their responsibility to manage the forest for future generations and is a commitment to life-long learning and worn with pride. The Silver Rings are presented at a special ceremony with representatives of the CIF and the University of Winnipeg. The Silver Rings recognize that students are educated and trained in the complex interrelationships of forest ecosystems, water, fish and wildlife, as well as the social, cultural and economic aspects of forestry.

### Required courses:

Core courses for all BSc students (except that ENV-2603(3) Environmental Sustainability: A Global Dilemma is not required and GEOG-2309(3) Statistical Techniques in Environmental Analysis is required) PLUS

<b>BIOL-2153(3)</b>	Biology of Vascular Plants
<b>BIOL/ENV-2401(1)</b>	Forest Field Skills Camp **
<b>BIOL-2477(3)</b>	Forest Measurement +
<b>BIOL-3152(3)</b>	Flowering Plants in Manitoba
<b>BIOL-3471(3)</b>	Forest Ecology
<b>BIOL-3473(3)</b>	Principles of Silviculture +
<b>BIOL-3476(3)</b>	Forest Policy and Management
<b>BIOL-4451/2</b>	Forest Ecosystems Field Course **
<b>BIOL-4471(3)</b>	Ecological Methodology
<b>BIOL-4473(3)</b>	Dendrochronology +
<b>BIOL-4474(3)</b>	Forest Health and Protection* +
<b>BIOL-4475(3)</b>	Urban Forestry* +
<b>GEOG-2213(3)</b>	Introductory Soil Science
<b>GEOG-3302(3)</b>	Principles of Geographic Information Systems
<b>ENV-3607(3)</b>	Forests and the Environment +
<b>ENV-3608(3)</b>	Forest Wildlife Management +

### Suggested electives:

<b>BIOL-2115(3)</b>	Biology of Invertebrates
<b>BIOL-3410(3)</b>	Freshwater Ecology
<b>BIOL-3801(3)</b>	General Entomology*
<b>BIOL-4116(3)</b>	Biology Honours Thesis
<b>GEOG-2207(3)</b>	Climatology
<b>GEOG-2316(3)</b>	Remote Sensing
<b>GEOG-2414(3)</b>	The Urban Environment*
<b>GEOG-3210(3)</b>	Hydrology
<b>GEOG-3215(3)</b>	Biogeography
<b>GEOG-3316(3)</b>	Aerial Photography
<b>GEOG-4308(3)</b>	Advanced Geographic Information Systems
<b>ENV-4613(3)</b>	Directed Studies in Environmental Studies

\* courses with prerequisites that are not required courses in the major

\*\* The field courses are typically held in alternating years in the spring or summer session.

+ Typically held in alternating years in the fall/winter session.

## FOREST POLICY AND MANAGEMENT

### Required courses:

Core courses for all BSc students (except that GEOG-2309(3) Statistical Techniques in Environmental Analysis is required) PLUS

<b>BIOL-2153(3)</b>	Biology of Vascular Plants
<b>BIOL/ENV-2401(1)</b>	Forest Field Skills Camp **
<b>BIOL-3471(3)</b>	Forest Ecology
<b>BIOL-3476(3)</b>	Forest Policy and Management
<b>BIOL-4451/2</b>	Forest Ecosystems Field Course **
<b>BIOL-4474(3)</b>	Forest Health and Protection*
<b>BIOL-4475(3)</b>	Urban Forestry*
<b>ECON-2317(3)</b>	Environmental Economics
<b>GEOG-3302(3)</b>	Principles of Geographic Information Systems
<b>POL-2310(3)</b>	Public Administration: Macro
<b>POL-3411(3)</b>	Aboriginal People and the Law I
<b>ENV-2606(3)</b>	Business and the Environment
<b>ENV-3607(3)</b>	Forests and the Environment

### Suggested electives:

<b>BIOL-2477(3)</b>	Forest Measurement
<b>BIOL-3473(3)</b>	Principles of Silviculture
<b>GEOG-2204(3)</b>	Human Impact on the Environment
<b>GEOG-4308(3)</b>	Advanced Geographic Information Systems
<b>POL-3300(3)</b>	Public Policy Process
<b>POL-3405(3)</b>	Aboriginal Politics in Manitoba
<b>POL-3450(3)</b>	Sustainability and Environmental Politics
<b>POL-3451(3)</b>	Aboriginal People and the Law II

<b>REL-2801(3)</b>	Introduction to Aboriginal Spirituality
<b>REL-2802(3)</b>	Aboriginal and Christian Encounter
<b>CRS-1200(3)</b>	Introduction to Conflict Resolution Studies
<b>ENV-3608(3)</b>	Forest Wildlife Management
<b>ENV-4613(3)</b>	Directed Studies in Environmental Studies

\* courses with prerequisites that are not required courses in the major

\*\* The field courses are typically held in alternating years in the spring or summer session.

## **REQUIREMENTS FOR THE UNIVERSITY OF WINNIPEG / RED RIVER COLLEGE 4-YEAR BSc (JOINT PROGRAM IN APPLIED ENVIRONMENTAL STUDIES)**

### **INTRODUCTION**

This is a joint degree program whereby students are required to take courses at both The University of Winnipeg and Red River College in a prescribed sequence. The program has been specifically designed to prepare students for careers in industry where practical and theoretical skills are necessary.

There are 4-year and 5-year versions of the joint program:

In the **4-year version**, students are enrolled at the University of Winnipeg in years one, two and four, and at Red River College in year three. Students who successfully complete the entire program will receive a joint 4-Year BSc degree parchment from The University of Winnipeg and Red River College.

In the **5-year version**, students are enrolled at the University of Winnipeg in years one, two and five, and at Red River College for years three and four. The 5-year structure includes the benefit of a full co-op work term plus the preparation with a co-op coordinator. (The work term credit requires that the student complete a minimum of 16 weeks of full-time, paid work experience related to their training. Students may register with RRC's co-op placement coordinator to access placement assistance.) The 5-year structure will increase future opportunities for students because they will also be eligible for certification by the Certified Technicians and Technologists Association of Manitoba. Students who successfully complete the entire program will receive a joint 4-Year BSc degree parchment from The University of Winnipeg and an Environmental Protection Technology Diploma from Red River College.

**Note: Transfer of courses between institutions applies only to students who are officially registered in the joint program.**

The Red River College courses require a laptop computer and this cost will be reflected in the tuition fee.

### **ADMISSION REQUIREMENT**

Students must meet the entrance requirements for admission to The University of Winnipeg. Application to the program in Applied Environmental Studies must be completed through the Admissions Office of The University of Winnipeg by March 1<sup>st</sup> in order to enter the program in September.

**GRADUATION REQUIREMENT**                      120 credit hours

### **RESIDENCE REQUIREMENT**

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

### **GENERAL DEGREE REQUIREMENT**

Humanities:	12 credit hours in Humanities
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing. RHET-1105(3) Academic Writing: Links with the Disciplines, Environmental Studies, is recommended.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three(3) credit hours from each of five (5) different subjects.

### **MAJOR REQUIREMENT:**

## **4-YEAR VERSION**

### **Year 1 - University of Winnipeg**

<b>BIOL-1115(3)</b>	Cells and Cellular Processes
<b>BIOL-1116(3)</b>	Evolution, Ecology and Biodiversity
<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter
<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity
<b>ECON-1104(3)</b>	Introduction to Economic Theory
<b>GEOG-1201(3)</b>	Introductory Atmospheric Science
<b>GEOG-1202(3)</b>	Introductory Earth Science
<b>ENV-1600(3)</b>	Human-Environmental Interaction
<b>Academic Writing Requirement</b>	
<b>3 credit hours Humanities</b>	

### **Year 2 - University of Winnipeg**

<b>BIOL-2403(3)</b>	Principles of Ecology
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**CHEM-2302(3)** Quantitative Chemical Analysis  
**CHEM-3302(3)** Methods of Chemical Analysis  
**ECON-2317(3)** Environmental Economics  
**PHIL-2233(3)** Environmental Ethics  
**ENV-2603(3)** Environmental Sustainability: A Global Dilemma  
**ENV-3035(3)** Law and the Environment

**3 credit hours Humanities**

**3 credit hours from among:** **GEOG-2309(3)** Statistical Techniques in Environmental Analysis  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I  
**3 credit hours from among:** **BIOL-3492(3)** Quantitative and Theoretical Biology  
**CHEM-2701(3)** Introduction to Computers in Chemistry  
**ACS-1453(3)** Introduction to Computers

#### Year 3 - Red River College

**CIV-2323(3)** Health and Safety, PLUS:

**5 courses from among:** **CIVC-1044** Project Administration  
**CIVL-2006** Geo-Enviro Fundamentals  
**CIVL-2007** Environmental Management  
**CIVL-2009** Fundamentals of GIS  
**CIVL-2012** Environmental Analysis  
**CIVL-3007** Waste Management  
**CIVL-3008** Water and Waste Water  
**CIVL-3011** Remote Sensing and Digital Photo  
**CIVL-3016** Hydrology

#### Year 4 - University of Winnipeg

**ENV-3609(3)** Research Methods and Design  
**ENV-3610(3)** Research Projects  
**ENV-4611(6)** Environmental Impact Assessment

**3 credit hours Humanities**

**15 credit hours from among:** **BIOL-2902(3)** Biology of Prokaryotes and Viruses  
**BIOL-3410(3)** Freshwater Ecology  
**BIOL-3471(3)** Forest Ecology  
**BIOL-3476(3)** Forest Policy and Management  
**BIOL-3901(3)** Microorganisms and Disease  
**BIOL-3902(3)** Microbial Ecology  
**BIOL-4411(3)** Water Quality and Health  
**BIOL-4471(3)** Ecological Methodology  
**CHEM-3601(3)** Environmental Chemistry  
**GEOG-2213(3)** Introductory Soil Science  
**GEOG-2214(3)** Soil-Vegetation Systems  
**GEOG-2414(3)** The Urban Environment  
**GEOG-3408(3)** Water Resources  
**ENV-3607(3)** Forests and the Environment  
**ENV-4614(3)** Critical Environmental Issues

### 5-YEAR VERSION

**Year 1 - University of Winnipeg (same as year 1 in 4-year program)**

**Year 2 - University of Winnipeg (same as year 2 in 4-year program)**

**Year 3 - Red River College**

**CIVC-1044** Project Administration  
**CIVL-2001** Calculus and Statistics  
**CIVL-2006** Geo-Environmental Fundamentals  
**CIVL-2007** Environmental Management  
**CIVL-2009** Fundamentals of GIS  
**CIVL-2012** Environmental Analysis  
**CIVW-2008** Co-op Work Placement

**Year 4 - Red River College**

**CIVL-3005** Applied Research Project  
**CIVL-3006** Health and Safety  
**CIVL-3007** Waste Management  
**CIVL-3008** Water and Waste Water  
**CIVL-3011** Remote Sensing and Digital Photo  
**CIVL-3016** Hydrology

**Year 5 - University of Winnipeg (same as year 4 in the 4-year program)**



# COURSE DESCRIPTIONS

## **ENV-1600(3) HUMAN-ENVIRONMENTAL INTERACTIONS (Le3)**

This course deals with a variety of topics which illustrate the complexity and diversity of environmental issues. The central theme is "understanding natural processes in the environment" as a means of measuring human impact. Topics dealt with reflect current environmental concerns—for example, global warming, overexploitation, wildlife management, urban issues, health issues. **RESTRICTIONS:** Students with standing in the former ENV-2600(3) may not receive credit for this course.

## **ENV-2211(3) ORIGIN AND DEVELOPMENT OF URBANISM (Le3)**

This course looks at the origins and development of urbanism with emphasis on the prehistoric record. Topics to be discussed include the forces behind increase in population density, the role of urbanism in the formation of the state, and the problem of urban collapse. Regional and chronological foci vary from year to year.

**CROSS-LISTED:** Anthropology ANTH-2211(3).

**ENV-2401(1) FOREST FIELD SKILLS CAMP (1A)** This intensive two-week field course is mandatory for students in the Forest Ecology program and is designed to give students field survival and basic forestry skills. Topics include bush camp construction; safe use of boats, ATV's, and chainsaws; and basic bush survival skills. Students also learn how to correctly use topographical maps, compasses, air photos, GIS maps and other forestry equipment. This course is offered at University College of the North at The Pas, Manitoba.

**CROSS-LISTED:** Biology BIOL-2401(1).

**ENV-2416(3) SEX, GENDER, SPACE AND PLACE (Le3)** This course examines, from interdisciplinary perspectives including those of Women's Studies, Geography, and Environmental Studies, relationships among sex, gender, space and place in societies, cultures, environments, and ecosystems. Selected relevant topics are considered, such as ecofeminism, the cultural politics and political geography of sex and sexual identities, the gendering and sexing of city landscape and architecture, notions of public and private space, and the space/place in the sociocultural construction of femininity and masculinity. We consider how sex, gender, race, ethnicity, class, sexuality, and other aspects of identity affect the transformation of space into place.

**PREREQUISITES:** ENV-1600(3) OR GEOG-1102(3) and GEOG-1103(3) OR WGS-1232(6) or permission of instructor.

**CROSS-LISTED:** Geography GEOG-2416(3) and Women's Studies WGS-2416(3).

**ENV-2502(3) SOCIOLOGY OF THE ENVIRONMENT (Le3)** This course offers an examination of environmental issues and concerns from a sociological perspective. Topics for review include environmental values, attitudes and behaviour; the environment movement; the political economy of the environment, and environmental risk and risk assessment. Debates surrounding such concepts as sustainable development, deep ecology, environmental justice and global change are emphasized.

**PREREQUISITES:** ENV-1600(3) or SOC-1101(6), or permission of instructor.

**CROSS-LISTED:** Sociology SOC-2502(3).

**ENV-2521(3) VOLUNTARY SIMPLICITY (Le3)** Development is increasingly understood as a participatory, deliberate process aimed at enhancing quality of life for individuals within community. This course examines the concept, theory, and practice of voluntary simplicity as a means of development for individuals seeking alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions, with special emphasis on the relevance of simplicity to building emotional well-being, vibrant community, sustainable environment, and social justice.

**PREREQUISITES:** ENV-1600(3) or IDS-1100(6), or permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-2521(3).

## **ENV-2603(3) ENVIRONMENTAL SUSTAINABILITY: A GLOBAL DILEMMA (Le3)**

This course focuses on environmental factors relevant to understanding and implementing sustainable development. Its aim is to teach students to understand and appreciate fundamental ecological principles within the context of social values and technological constraints. Moreover, the course seeks to equip students to assess environmental problems from an interdisciplinary perspective, and to develop strategies that might solve these problems. Topics or issues that may be addressed include: ecosystem dynamics; feedback in environmental processes; the concepts of carrying capacities and population thresholds; optimum yield theory; loss of biodiversity; over consumption and overpopulation; deforestation, desertification and pollution; energy demand versus supply; urbanization trends; global warming; ozone layer depletion; resource management, conservation, and recovery; and environmental monitoring and impact assessment. This course may be taken for major credit in Environmental Studies and International Development Studies.

**PREREQUISITES:** ENV-1600(3) or IDS-1100(6), or permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-2603(3).

**ENV-2604(3) ENVIRONMENT AND HEALTH (Le3)** There is a growing concern amongst the scientific community, the media, and the general public, that environmental contamination, both physical and chemical, may be responsible for a variety of human health problems. Cancer, for example, is widely described in the medical literature as an environmentally induced condition. This course provides an objective assessment of the scientific literature and attempts to assess the relative risks associated with recognized and potential environmental health hazards. Topics reviewed may include electromagnetic fields, food, air, and water contamination, in addition to some of the better documented risks associated with asbestos, tobacco smoke, PCB's, and dioxins.

**PREREQUISITES:** ENV-1600(3) or permission of instructor.

**ENV-2606(3) BUSINESS AND THE ENVIRONMENT (Le3)** This course introduces the student to the Federal and Provincial Environmental Legislation as it pertains to "Business." Topics include the following: W.H.M.I.S. regulations (Workers Health Materials Information System), T.D.G. regulations (Transportation of Dangerous Goods), Industrial Waste and its Environmental Impact Assessment, Emergency Response Planning, Business Resumption Planning, and Contaminated Sites Cleanup regulations. The course also reviews Regulations Enforcement versus self-regulation and uses case studies to evaluate "Best Management Practices," "Product Stewardship," and "Due Diligence". Finally the course looks at the concerns of the banking and insurance industries, again using a case study approach.

**ENV-3010(3) URBAN STUDIES: SPECIAL TOPICS (Le3)** This course draws on the expertise of specialists in various areas of urban studies planning, housing, the urban environment, and so forth in a series of lectures or seminars prepared by them. Topics will be announced when the course is offered.

**ENV-3015(3) CANADIAN INNER CITIES (Le3)** This course engages students in the analysis of the forces that shape Canadian inner cities. Areas of study include the following: defining the inner city; past and current literature on inner cities; the changing demographic/socio-economic nature of the inner city; the inner city vs the suburbs; exploring the myths; lessons from the United States and Europe; civic government and the inner city; public perception; forms of intervention for change; and the suitability of existing renewal policies. Students work through theoretical frameworks as well as practical applications.

A high level of student participation is expected.

**PREREQUISITES:** One of GEOG-2404(6), POL-2325(6), POL-3328(6), or permission of instructor.

**ENV-3020(3) WOMEN AND URBAN ENVIRONMENTS (Le3)** This course examines women's historical contributions to the design of human environments (human ecology), feminist utopias (e.g., Charlotte Perkins Gilman's *Herland*), modern feminist thought on urban design, and ecofeminism, in order to illustrate how gender informs human perceptions of place and space. The course is designed to serve students with an interest in urban studies, women's studies, and environmental studies. A high level of student participation is required.

**ENV-3025(3) ISSUES IN SUSTAINABLE CITIES (Le3)** This course addresses issues of sustainable urban development. Topics may include the following: world population growth and urbanization in developed and developing countries; the impact of technology, trade, and commercial globalization on urban environments; the degradation of land, water, and air inside of cities and in their bio-regions; the consumption of fossil fuels and the local and global impact of their combustion; the politics of sustainable urban development; the role of planning and urban administrative practices and policies in environmental degradation and mitigation; and the place of local environmental initiatives in national environmental actions.

**COREQUISITES:** Previous or concurrent registration in GEOG-2414(3), the former GEOG-2404(6), or permission of instructor.

**ENV-3030(3) URBAN POLICY ISSUES (Le3)** The course looks at issues in a Canadian context. Students examine a broad array of issues that have an impact on the quality of urban life: the environment, policing, finances, social services, planning, public health, economic development, and so forth. These issues are analysed in the context of a federal state and the policy-making processes and political interests that shape the decision-making of the civic government. Class dialogue, speakers, student presentation, and a free flow of ideas and perspectives are encouraged.

**RESTRICTIONS:** Students who received credit for URB-3010(3) in 1993-94 may not obtain credit for ENV-3030(3) / URB-3030(3).

**ENV-3035(3) LAW AND THE ENVIRONMENT (Le3)** This course provides an introduction to Canadian environmental law, including common law and statutory regimes. Topics include endangered species, air, water and waste management, toxic pollutants, contaminated land, resource development, the division of constitutional powers, regulatory approaches, environmental assessment, monitoring and enforcement, and environmental torts. The socio-economic, political, and scientific backgrounds of environmental problems are also considered. Current Manitoba examples are used to illustrate the concepts, problems and solutions discussed.

**ENV-3603(3) WINNIPEG AND THE ENVIRONMENT: A CASE STUDY APPROACH (Le3)** This course focuses on the particular problems facing the City of Winnipeg in its interaction with the environment. Students are required to participate in an in-class strategic planning session to select issues and concerns that will become the case study content of the course. Municipal planning initiatives are used to select the issues, to define their scope, and to propose policy and program solutions. The course format involves small interactive group discussions led by the students and facilitated by the instructor. A high level of student participation is expected.

**PREREQUISITES:** ENV-1600(3), the former ENV-2600(3) or permission of instructor.

**ENV-3604(3) CITY OF WINNIPEG INTERNSHIP (P)** Students who have successfully completed course ENV-3603(3) may apply for an internship with the City of Winnipeg. Those accepted are treated as regular employees of the Planning Department and are assigned to a project. They will attend committee and council meetings and will present a written project report detailing the work accomplished. The

written project report will be evaluated by both the City and the University.

**PREREQUISITES:** ENV-3603(3). Selections are made on the basis of performance in ENV-3603(3) or the permission of the Director. This is a limited enrollment course.

**ENV-3607(3) FORESTS AND THE ENVIRONMENT (Le3)** This course is intended to provide students with the fundamental knowledge of the interactions between human and forest ecosystems. It examines current forestry practices and study new alternatives in forest resources management based on our growing knowledge of the natural dynamics of these ecosystems. The concepts underlying forest sustainability and forest conservation in a changing world are developed. Using the boreal forest as an example, students acquire an understanding of natural ecosystem dynamics and of proposed alternatives in forestry practices. The effect of global climate change and increasing human pressure on our forests are also examined.

**PREREQUISITE:** BIOL-2403(3) or the former BIOL-3403(3).

**ENV-3608(3) FOREST WILDLIFE MANAGEMENT (Le3)** This course focuses on the management of wildlife populations in forested environments in Canada. Students participate in an examination of forest biodiversity including discussion of terrestrial and aquatic species, ecosystems, conservation strategies, coarse and fine filter approaches, forest fragmentation, core habitat ranges, management at forest stand and landscape levels and how animals use forest habitats. Topics include habitat supply and modelling, population monitoring methods, the cumulative effects of forest management activities, legislation and guidelines, role of endangered species, adaptive forest management and the importance of terrestrial and wetland classification.

**COREQUISITE:** ENV-3607(3)

**ENV-3609(3) RESEARCH METHODS AND DESIGN (Le3)** This course is a pre-requisite for the Research Projects course (ENV-3610(3)) and teaches students the steps and methods required to produce a successful research project. Students learn to develop a clear research question, form hypotheses and predictions and formulate a study with the appropriate measurements and design structure. Students are shown examples of experimental and other designs and methods used in the natural and social sciences. Finally, students develop a research design for their own project used in the Research Projects course.

**ENV-3610(3) RESEARCH PROJECTS (Le3)** This course teaches students to understand, develop, and complete research projects with relevance to real world situations. The primary objective is to help students develop research skills for the workplace. Students are required to undertake a research project in an area of environmental interest, typically using proposals developed in ENV-3609(3). Presentation of results, both orally and in written form, is required. Students work closely with the instructor or another member of the faculty and an external advisor from the community during completion of the project. Research projects are designed to assist community groups, government departments, private sector firms or other organizations.

**PREREQUISITES:** ENV-3609(3) and completion of a minimum of 60 credit hours towards their degree or permission of the Director of Environmental Studies.

**ENV-4611(6) ENVIRONMENTAL IMPACT ASSESSMENT (Le3)** This course explores the methodology of environmental impact assessment (EIA). Students learn about various types of EIA, the components of EIA review, the regulatory aspects of EIA, and how to complete their own EIA. Students are expected to undertake EIA examples in both written and oral form.

**PREREQUISITES:** Completion of a minimum of 60 credit hours towards their degree or permission of the Director of

Environmental Studies.

**ENV-4613(3) DIRECTED STUDIES IN ENVIRONMENTAL STUDIES**

**(Le3)** This course allows students to undertake research in their areas of interest. The research may take the form of a literature review, may be experimental in nature or involve analysis of existing data. Evaluation is based on a written submission summarizing the student's findings. Permission to enrol is dependent on the availability of an instructor in the student's field of interest and the permission of the Director of Environmental Studies.

**PREREQUISITES:** ENV-1600(3) and permission of the Director of Environmental Studies.

**ENV-4614(3) CRITICAL ENVIRONMENTAL ISSUES (Le3)** This course examines current issues of controversy and public concern in environmental studies and environmental science. The content varies from year to year and students should consult the Environmental Studies department for a more detailed description of topic areas in terms in which the course is offered.

**PREREQUISITES:** ENV-1600(3) or permission of the Director of Environmental Studies.

**RESTRICTIONS:** Students may take this course only once.

# FRENCH STUDIES (FREN)

**Note:** The department/program code FREN replaces the former code 20. Students cannot hold credit in FREN-xxxx and the former 20.xxxx having the same course number (e.g., FREN-1001(6) and 20.1001(6)).

**Chair:** Associate Professor G. Moulaison; Professors: E. Dawes (Associate Dean of Arts), K. Meadwell, J. Nnadi, L. Rodriguez, S.A. Viselli ; Instructor III: A. Rusnak.

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

Honours BA

## INTRODUCTION

Spoken by over 100 million francophones on 5 continents, French is an official language of the United Nations, NATO, UNESCO, the Vatican, the Olympic Games, the World Trade Organization, the World Health Organization, Amnesty International, the Red Cross and many countries including Canada, Belgium, Switzerland, Senegal, Rwanda and Haiti, to name just a few. In the global world of the 21<sup>st</sup> century, becoming bilingual is more desirable and relevant than ever.

French gives you the competitive edge you need to get ahead in a whole range of careers: airline customer service representative, businessperson, customs office, diplomatic aide, educator, foreign correspondent, guide (museums, art galleries), human resources director, intelligence analyst, knowledge worker, lawyer, manager, nurse, office worker, public servant, radio broadcaster, social worker, translator, and many more! By mastering French, you will enrich your life and enhance your career opportunities, no matter what path you choose.

In French Studies, we offer the 3-year BA (Major or Combined Major), the 4-year BA (Major or Combined Major) as well as the Honours BA. Students with no previous knowledge of the language can begin here with FREN-0002(3). Those with some prior knowledge can meet with an advisor from the department of Modern Languages and Literatures to select the appropriate level of first-year course.

Once you have mastered the basics, you can choose from a broad range of stimulating courses where you will discuss current events and contemporary issues, translate newspaper articles and other texts, read classics from the Middle Ages, enjoy well-known authors such as La Fontaine or Molière, investigate the evolution of the Quebec novel, discover the particularities of African and Caribbean literature, analyse the themes and styles of Canadian children's literature, compare regional varieties of French in the francophone world, explore the phenomenon of bilingualism and multilingualism, learn modern French idioms and proverbs or analyse the sound, structures and words that make up the modern French language.

## REQUIREMENTS FOR A 3-YEAR BA IN FRENCH STUDIES

### ADMISSION REQUIREMENT

Students **must** consult a departmental advisor in planning their course of study. French Studies courses form a sequence, building on the knowledge and skills acquired at each level. Each series (language or literature) must be taken in numerical order, or permission obtained to do otherwise.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours.  
Double Major: 30 credit hours in French Studies and specified number of credit hours in the other department/program.  
Required courses: 24 credit hours in French Studies above the 1000-level.  
**FREN-2109(3)** Normative Grammar  
Minimum 9 credit hours in literature.  
Minimum 6 credit hours in French Studies at the 3000-level.  
Students may opt for a French Studies Major in literature or language/linguistics.  
Minimum 2.5 GPA (C+) in all French Studies courses is advised for continuation in the Major program.  
Restrictions: **FREN-0002(3)** and **FREN-1001(6)** may not be used towards the major.  
Combined Major: Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.

Prescribed Courses: 6 credit hours at the 2000-level.  
3 credit hours at the 3000-level.  
Restrictions: **FREN-0002(3)** and **FREN-1001(6)** may not be used towards the combined major.

## REQUIREMENTS FOR A 4-YEAR BA IN FRENCH STUDIES

### ADMISSION REQUIREMENT

Students **must** consult a department advisor in planning their course of study.  
Students must have completed at least 30 credit hours in French Studies.  
No more than two first-year French Studies courses may be used for credit in Patterns 1, 2, and 3.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours/Maximum 66 credit hours.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Cognates: Minimum of 18 credit hours/Maximum of 36 credit hours in related courses from one of several departments.  
Maximum total of cognate and major courses is 84 credit hours combined.

Required courses:

Students may choose a stream in language/linguistics, literature, or a combination of both:

**Language/Linguistics Concentration:** 36 credit hours including: 12 credit hours in language/linguistics at the 2000-level, **FREN-2180(3)**, 12 credit hours in language/linguistics at the 3000-level, 6 credit hours at the 4000-level in language/linguistics.

**Literature Concentration:** 48 credit hours including: 12 credit hours at the 2000-level in literature, **FREN-2109(3)**, 12 credit hours at the 3000-level in literature, 6 credit hours at the 4000-level in literature.

**Literature and Language/Linguistics Combination:** 48 credit hours including, 6 credit hours at the 2000-level in language/linguistics and 6 credit hours at the 2000-level in literature, 6 credit hours at the 3000-level in language/linguistics and 6 credit hours at the 3000-level in literature, 6 credit hours at the 4000-level in language/linguistics or literature.

Combined Major: Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.

Prescribed Courses: **FREN-2109(3)** Normative Grammar and **FREN-2180(3)** Introduction to Literary Analysis.  
6 credit hours in French Studies at the 3000-level.

Restrictions: **FREN-0002(3)** and **FREN-1001(6)** may not be used towards the combined major.

## REQUIREMENTS FOR AN HONOURS BA IN FRENCH STUDIES

### ADMISSION REQUIREMENT

Students must consult the Department Chair in planning their course of study.  
Entry into the program after completing a minimum of 30 credit hours, including FREN-1111(6) or FREN-1112(6).  
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.  
Minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.  
Minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

**GRADUATION REQUIREMENT** 120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses.

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000-level.

## GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000-level. Of these, a maximum of 6 credit hours may be below the 1000-level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

## HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours. Minimum 12 credit hours in literature. Minimum 30 credit hours at upper level (3000 and 4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000-level.
Double Honours:	Minimum 36 credit hours in each Honours subject. Minimum 9 credit hours in literature. Minimum 24 credit hours at the upper level (3000 and 4000) in the French Studies component of the double Honours of which a minimum of 15 credit hours must be at the 4000-level. For the requirements of the other Honours subject consult the department involved.

Students must consult the Department Chair to determine whether they fulfil the general Honours requirements.

Students must complete the Honours application form and append to it their most recent student history.

Students will establish their program in consultation with the Department Chair.

Qualified students are required to take the Department's 4000-level seminar, offered annually and in rotation.

## GENERAL INFORMATION

### Oral Proficiency Requirement

A satisfactory level of oral proficiency is required for completion of the French Studies Major. The Department provides facilities to give students practice in oral French. The degree of proficiency they attain in speaking depends largely on their own efforts. Students are encouraged to participate in programs such as the Explore Program, sponsored by the Federal government, or our biennial Third-Year Abroad Program at the Université de Perpignan in order to experience first hand the richness of the language, culture, and society of *la francophonie*.

French Studies courses may include an oral component, either language laboratory or conversation with native French speakers or both; all 1000-level language courses include both.

Students may be required to take an oral test at the end of the Fall and Winter terms.

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses. Students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses. Permission of the department is required for each 4000-level course.

### Reference Books

Students are strongly advised to have the following reference books: a reputable French or bilingual dictionary such as *Le Nouveau Petit Robert I* or the *Collins Robert French-English English-French Dictionary* and a French reference grammar such as *Grammaire pratique* (Hachette), A. Hamon.

## THIRD-YEAR ABROAD PROGRAM AT THE UNIVERSITÉ DE PERPIGNAN

The Department of French Studies of the University of Winnipeg offers students the opportunity to undertake the third year of their French Studies program at the Université de Perpignan, France, under the supervision of a faculty member from the University of Winnipeg.

### Perpignan and France's Roussillon Region

The city of Perpignan is situated in the heart of the ancient province of Roussillon in southern France, an area renowned for the striking beauty of its varied geographical features and warm, sunny climate. The border with Spain lies 30 km to the south, and Barcelona can be reached in two hours by car. Perpignan is the principal city of an important cultural and wine-producing area richly endowed with reminders of a long and tumultuous history stretching back more than 500,000 years. The oldest human remains in Europe were discovered nearby. Cave paintings and stone monuments bear witness to the passage of numerous prehistoric peoples. Roman ruins abound in nearby villages and the surrounding countryside. During the late Middle Ages, Perpignan was the capital of the short-lived Kingdom of Majorca. Subsequently the northernmost province of Spain, the region was definitively annexed by France only in the seventeenth century, and it has jealously preserved its independent Catalan identity, customs and language. Medieval castles and monasteries, walled towns and picturesque seaport villages all further attest to these multiple cultural influences.

### The Program

Up to twenty-five qualified students are admitted to the biennial Third-Year Abroad Program, held from September to June, the normal academic year in France. This group is accompanied by the Resident Professor who, as well as providing administrative services for the program, teaches courses in French Studies. Students may enrol in further courses forming part of degree programs at the Université de Perpignan, up to a normal load of 30 credit hours. All courses are taught in French. Students enrolled in the French Studies Honours Program can receive Honours credit for certain courses taken in the Third-Year Abroad Program.

The Canadian credit value of each Université de Perpignan course is determined in relation to the number of hours of instruction in the course, and therefore may vary from course to course. Université de Perpignan courses are taken by program participants on a "pass/fail" basis only; final numerical or letter grades are not transferred to the home institution. For further information on the Université de Perpignan, please consult the web site: [www.univ-perp.fr](http://www.univ-perp.fr).

The number of students who can participate in the Third-Year Abroad Program is limited. Priority will be given to students from the University of Winnipeg who show evidence of acceptable academic ability, and who have completed the following prerequisite courses: **FREN-2109(3), FREN-2110(3)**, as well as **any course in literature at the 2000-level**.

For further information, students should contact the Department Chair.

## COURSE LISTINGS

Students are advised to consult the appropriate Timetable available from the Records Office for courses available during the current term.

**Note:** All students registering for their first French Studies course **must** consult a departmental advisor.

**Note:** The following courses do not meet the Humanities requirement: FREN-0002(3), FREN-2109(3), FREN-3204(3).

**Note:** FREN-1001(6) Introductory French and FREN-1111(6) Practical Language Skills are given in French as much as possible. **All** other courses are given entirely in French.

### FIRST YEAR COURSES

FREN-0002(3) Preparatory French

**Note:** This course may not be used towards fulfilling the French Studies major requirement.

FREN-1001(6) Introductory French

FREN-1111(6) Practical Language Skills

**Note:** FREN-1001(6) and FREN-1111(6) are given as much as possible in French, in order that students may learn to understand spoken French. However, some discussions and explanations may be in English.

FREN-1112(6) *Grammaire, Lexique et Lecture*

### LANGUAGE AND LINGUISTICS COURSES

**Note:** Not all of these courses will be offered in any given term. Please consult the Timetable. All students registering for their first French Studies course **must** consult a Departmental Advisor.

FREN-2109(3) Normative Grammar

FREN-2110(3) Intermediate Written Expression

FREN-2113(3) Texts and Terminology

FREN-2114(3) English-French Translation

FREN-2115(3) French-English Translation

FREN-2116(3) French for Business

FREN-2202(3) Phonetics

FREN-2203(3) French Idioms and Proverbs

FREN-3111(6) Comparative Stylistics and Translation

FREN-3202(3) *Géolinguistique française: Variétés de français au Canada et dans le monde*

FREN-3203(3) French Lexicology

FREN-3204(3) French Morphology and Syntax

FREN-3205(3) Studies in Bilingualism

FREN-3301(3) History of the French Language

### LITERATURE COURSES

**Note:** Not all of the following courses will be offered in any given session. Please consult the timetable. All students registering for their first French Studies course **must** consult a departmental advisor.

FREN-2180(3) Introduction to Literary Analysis

FREN-2182(3) *The Origins and Evolution of Modern Canadian Francophone Literature*

FREN-2183(3) *Contemporary Canadian Francophone Literature*

FREN-2383(3) *Explication de Texte*

FREN-2384(3) *Modern French Literature I*

FREN-2385(3) *Modern French Literature II*

FREN-2481(3) *Nineteenth-Century French Novel*

FREN-2482(3) *Nineteenth-Century French Poetry and Drama*

FREN-2681(3) *Children's Literature of French Canada*

FREN-2748(3) *Le Théâtre Classique*

FREN-3281(3)/4281(3) *Women in French Literature: A Historical Overview*

FREN-3282(3)/4282(3) *Women in Twentieth-Century French Literature*

FREN-3580(3)/4580(3) *Littérature du 18e siècle I: Le Siècle des "Lumières"*

FREN-3581(3)/4581(3) *Littérature du 18e siècle II: "Lumières" et Révolution*

FREN-3680(3)/4680(3) *Littérature du 17e siècle I: Le Baroque*

FREN-3681(3)/4681(3) *Littérature du 17e siècle II: Le Classicisme*

FREN-3883(3)/4883(3) *Pre-Independence Francophone African Literature*

FREN-3884(3)/4884(3) *Francophone Black Feminist Literature*

FREN-3952(3)/4952(3) *From the Country to the City: The Early Québec Novel*

FREN-3953(3)/4953(3) *Expanding Borders: The Contemporary Francophone Novel of Canada*

### THIRD-YEAR ABROAD PROGRAM COURSES

FREN-3101(3) *French Culture: Past Perspectives*

FREN-3102(3) *France Today*

FREN-3110(3) *Strategies for Writing (in) French*

FREN-3003(3) *Special Topics in French Studies I*

FREN-3004(3) *Special Topics in French Studies II*

FREN-3382(3) *Textual Analysis and Commentary*

### HONOURS COURSES

**Note:** 4000-level courses, which are listed below, are open to students who have a B average in French Studies. To register, a student must complete the Honours Application Form, to be signed by the Department Chair.

FREN-4021(3) Tutorial

FREN-4021(6) Tutorial

FREN-4091(6) *Directed Readings*

FREN-4112(3) *Syntax of Modern French*

FREN-4115(3) *Literary Translation*

FREN-4204(3) *French Lexicography*

FREN-4730(3) *La Renaissance*

FREN-4760(3) *Nineteenth-Century Poets*

FREN-4761(3) *Nineteenth-Century Women Poets*

FREN-4885(3) *Literature of the Early Middle Ages*

FREN-4886(3) *Literature of the Late Middle Ages*

FREN-4932(3) *Literary Theory and Research Methods*

FREN-4933(3) *La Narratologie*

## FRENCH STUDIES ENTRANCE COURSES

(For detailed information, see course descriptions.)

STUDENT BACKGROUND	APPROPRIATE COURSE
Has <b>NEVER</b> studied French <b>or</b> has not studied it beyond the early years of elementary school	FREN-0002(3) Preparatory French
Studied French but did <b>NOT</b> complete French 40S	FREN-1001(6) Introductory French
Enrolled in an Immersion program in high school but did <b>NOT</b> complete Français 40S	FREN-1111(6) Practical Language Skills
Completed <b>French 40S</b>	FREN-1111(6) Practical Language Skills
Student who received standing in French 40S more than five years ago, and did not continue studying French may request permission to enroll for credit in FREN-1001(6).	
Completed <b>Français 40S</b>	FREN-1112(6) <i>Grammaire, Lexique et Lecture</i>
Completed <b>International Baccalaureate (IB)</b> - (Any level)	FREN-1112(6) <i>Grammaire, Lexique et Lecture</i>
Completed <b>French Language Advanced Placement (AP)</b>	FREN-2109(3) Normative Grammar
Completed <b>French Literature Advanced Placement (AP)</b>	FREN-2180(3) Introduction to Literary Analysis

All first-time registrants in French Studies courses **must** consult a department advisor prior to registration. All students with backgrounds not described above **must** consult a department advisor.

## COURSE DESCRIPTIONS

**FREN-0002(3) PREPARATORY FRENCH (Le3, La1)** The purpose of this course is to prepare students for registration in FREN-1001(6) Introductory French. It is designed for students who have never studied French, or who have not studied it beyond the early years of elementary school. Emphasis will be placed on fundamental vocabulary and structures in their written forms. The basic characteristics of French pronunciation will also be described and practiced. The course includes a weekly audio and computer lab in which students undertake grammar and pronunciation exercises. This course may not be used towards fulfilling the French Studies major requirement.  
**PREREQUISITES:** Students **must** consult with the department.

**FREN-1001(6) INTRODUCTORY FRENCH (Le3,La2)** The aim of this course is to provide a solid base in vocabulary, grammar and pronunciation for those who intend to continue the study of French. An effort is made to place equal emphasis on reading, writing, aural comprehension and oral expression. Classroom work is supplemented by one hour of language laboratory and one hour of small-group work each week.  
**PREREQUISITES:** **FREN-0002(3)**, French Immersion up to successful completion of Grade 8, Basic French up to successful completion of Grade II or permission of department.  
**RESTRICTIONS:** Native speakers of French, students who obtained credit in Grade 9 French Immersion and students who completed French 40S, Français 40S, IB (either level), AP French Language or AP French Literature are not eligible to take this course.

**FREN-1111(6) PRACTICAL LANGUAGE SKILLS (Le3,La1)** The aim of this course is to enable students to increase their proficiency in the following skills: writing, reading, aural comprehension and oral expression. Class time is devoted to a systematic review of grammar essentials, discussion of topics of current interest, written compositions and practice in the spoken language. Additional practice is undertaken during one hour of small-group work each week.

**PREREQUISITES:** FREN-1001(6) or French 40S or permission of Instructor. This course is suitable for students who have recently obtained standing in French 40S or FREN-1001(6) with an average grade. It is also suitable for those students who were enrolled in an immersion program in high school but who did not finish 40S. This course may be taken prior to or concurrently with FREN-1381(6), Introduction to Francophone Literature.  
**RESTRICTIONS:** Students who have standing in Français 40S or AP French Language or the International Baccalaureate Standard or Higher Level are not eligible to take this course.

**FREN-1112(6) GRAMMAIRE, LEXIQUE ET LECTURE (Le3, La1)** This course is intended for graduates of Immersion and International Baccalaureate Programs and French schools. Its aim is to offer a systematic review and development of fundamental grammatical concepts, supported by vocabulary expansion, writing practice (paragraphs and compositions) and readings (short literary excerpt, newspaper and magazine articles). Additional practice is undertaken during one hour of small-group work each week.  
**PREREQUISITES:** Français 40S, IB (either level) or permission of department.

### LANGUAGE, LINGUISTICS AND LITERATURE COURSES BEYOND THE FIRST-YEAR LEVEL:

**FREN-2109(3) NORMATIVE GRAMMAR (Le3,La1)** This course offers an intensive study of selected grammatical questions and a thorough study of syntax. Grammatical topics include transitive, intransitive and pronominal verbs; tenses and moods; and prepositions. The study of syntax focuses on subordinate clauses. Course work includes regular written drills and a lab component.  
**PREREQUISITES:** FREN-1111(6), FREN-1112(6), AP French Language or permission of instructor.  
**RESTRICTIONS:** Students who have obtained credit in the former FREN-2111(6) are not permitted to take this course.



**FREN-2110(3) INTERMEDIATE WRITTEN EXPRESSION (Le3,La1)** This course is designed primarily to improve students' written expression in French; oral expression will also receive attention. Students are introduced to the major aspects of the writing process, specific writing techniques (*description, narration, argumentation*), and grammatical and stylistic editing. Model texts will be presented and assignments will focus on selected prose genres (e.g. *composition, correspondance, contraction de texte*). Individual work and small-group activities will consist of writing sentences, paragraphs, and compositions. The oral expression component will consist of one hour of *travaux pratiques* (e.g., *exposés, débats, tables rondes*) per week.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2111(6) are not permitted to take this course.

**FREN-2113(3) TEXTS AND TERMINOLOGY (Le3)** This course is designed for students who wish to develop a high level of oral and written proficiency in French. The fundamental goal is to develop students' vocabulary in the humanities, social sciences and sciences. Current events and contemporary issues will be discussed through detailed lexical analyses of *textes authentiques* drawn from these fields. Attention will also be given to grammatical and stylistic elements. Students will be introduced to fundamental notions of terminology (e.g. *unité terminologique*) and semantics (e.g., *champ sémantique, analyse contextuelle*). Individual work will include the writing of paragraphs and compositions. Small-group work will entail the discussion of topics dealt with in the readings.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**FREN-2114(3) ENGLISH-FRENCH TRANSLATION (Le3)**

This course in translation from English to French serves a dual purpose: to give students an opportunity to expand their French vocabulary and grammatical skills and to initiate them to specific written styles in the target language (French). To this end, a number of recurring semantic, grammatical and syntactic features of French will be studied through shorter translation exercises and through the translation of longer documents, e.g., newspaper articles, business letters or scientific abstracts.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2112(6) are not permitted to take this course.

**FREN-2115(3) FRENCH-ENGLISH TRANSLATION (Le3)** In this course the principles of translation from French into English will be introduced. The lexicon and stylistics of the target language (English) will be discussed in relation to different styles and registers. Students will translate authentic texts from a variety of contexts such as literary, commercial, journalistic and scientific. Literary translation will focus on descriptive and narrative components; practical texts will include advertisements, newspaper articles and scientific magazine articles.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2112(6) are not permitted to take this course.

**FREN-2116(3) FRENCH FOR BUSINESS (Le3)** This practical course is intended primarily to teach students to communicate effectively in business situations with an emphasis on the Canadian context. To this end, course materials include situational texts reflecting business activities and covering a range of topics (e.g. office and computer, financial institutions, marketing and advertising). The course is designed to expand language skills already acquired as well as to present the specialized vocabulary and idioms used in the business environment. It will include extensive exercises in vocabulary, comprehension, business writing and correspondence.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**FREN-2180(3) INTRODUCTION TO LITERARY ANALYSIS**

**(Le3)** This course gives students the foundational skills required to read and write in French about literature. Students are introduced to terms and tools of analysis necessary for a critical reading of modern literary texts which are drawn from different genres and a variety of areas of the francophone world, such as Canada, France, Africa and the Caribbean. Some class time is devoted to the development of writing skills as well as academic research techniques.

**PREREQUISITES:** FREN-1111(6), FREN-1112(6), AP French Literature or permission of department.

**FREN-2182(3) THE ORIGINS AND EVOLUTION OF MODERN CANADIAN FRANCOPHONE LITERATURE (Le3)**

This course examines the francophone literature of Canada from its modern origins at the end of the nineteenth century to the mid-twentieth century. Works by women and men from Acadia, Manitoba and Quebec are examined with an emphasis on the central role played by Quebec in the creation of modern Canadian francophone literature. Authors studied may include Riel, Nelligan, Grandbois, Melanson, Savard, Guèvremont and Roy. Novels, drama and poetry are analyzed using literary theories drawn from social realism/*sociocritique* and narratology. Periodic class discussions will take a *table ronde* format.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6) or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2241(6), FREN-2242(6), FREN-2281(6), FREN-2181(6) or FREN-4181(6) or FREN-4182(3) are not permitted to take FREN-2182(3). Students may not hold credit for both FREN-2182(3) and FREN-4182(3).

**FREN-2183(3) CONTEMPORARY CANADIAN FRANCOPHONE LITERATURE (Le3)**

This course examines the francophone literature of Canada from the mid-twentieth century to the present day. Works by women and men from Acadia, Manitoba and Quebec, as well as by writers known as *les écrivains migrants*, are examined with an emphasis on the central role played by the novel and by the *Révolution tranquille* in the development of contemporary Canadian francophone literature. Authors studied may include Blais, Miron, Ducharme, Tremblay, Hébert, Maillet, Chen, Chiasson and Léveillé. Novels, drama and poetry are analyzed using literary theories drawn from narratology and narrative/ semiotics discursive. Periodic class discussions will take a *table ronde* format.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6) or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2241(6), FREN-2242(6), FREN-2281(6), FREN-2181(6), FREN-4181(6) or FREN-4183(3) are not permitted to take FREN-2183(3). Students may not hold credit for both FREN-2183(3) and FREN-4183(3).

**FREN-2202(3) PHONETICS (Le3,La1)**

This course presents the theory and practice of the main aspects of French phonetics and phonology, its practical applications (e.g. the use of pronunciation dictionaries), and material realizations in standard French. Theory will cover the physiology of speech, the International Phonetic Alphabet, as it relates to French, and phonetic transcription. Orthoepy (the relationship between pronunciation and orthography) will be stressed. Practice will emphasize correcting the student's oral performance in French.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**RESTRICTIONS:** Students who obtained credit in the former FREN-2201(3) are not permitted to take this course.

**CROSS-LISTED:** LING-2301

**FREN-2203(3) FRENCH IDIOMS AND PROVERBS (Le3)**

This course offers an in-depth look at the most frequent French idioms and proverbs, their origins, meanings, grammatical uses, regional variations, stylistic uses and lexicographic representation. Practical exercises give students the opportunity to master the idioms and proverbs and to analyze them using the

linguistic concepts presented.

**PREREQUISITES:** FREN-2109(3) or permission of instructor.

**FREN-2383(3) EXPLICATION DE TEXTE (Le3)** This course is designed to acquaint students with a method to analyze and comment on literary texts of different genres and periods. Students will learn to recognize, study and appreciate the elements of style and content. Students will acquire practical skills through the presentation of *exposés* in oral and written forms.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3381(3) are not eligible to take this course.

**FREN-2384(3) MODERN FRENCH LITERATURE I (Le3)** This course offers a critical study of representative works by major French writers (novelists, poets and dramatists such as Colette, Aragon and Camus) from the beginning of the twentieth century to the 1950s. The main movements studied include surrealism, existentialism and the absurd.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former 20.2351(6), 20.2381(6) or 20.3531(6) are not eligible to take 20.2381(3).

**FREN-2385(3) MODERN FRENCH LITERATURE II (Le3)**

French works from 1950 to the present day are studied in this course. The principal literary modes and movements – *nouveau roman*, *nouveau théâtre* and feminism – are analysed in the drama, fiction and poetry of writers such as Beckett, Duras and Modiano.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former 20.2351(6), 20.2381(6) or 20.3531(6) are not eligible to take this course.

**FREN-2481(3) NINETEENTH-CENTURY FRENCH NOVEL**

**(Le3)** This course examines the development of the novel in nineteenth-century France. Works representing the main literary movements (Romanticism, Realism, and Naturalism) will be selected, as much as possible, from both male and female authors. These may include Stendhal, Balzac, Sand, Flaubert, Maupassant, and Zola. Students will be introduced to basic techniques of textual appreciation and commentary.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2481(6), FREN-4481(6) or FREN-4481(3) are not permitted to take this course.

**FREN-2482(3) NINETEENTH-CENTURY FRENCH POETRY**

**AND DRAMA (Le3)** This course examines the development of nineteenth-century poetry and drama. The evolution of theatre from the *drame romantique* to the *théâtre fin-de-siècle* will be studied through selected works of such authors as Hugo, Musset, and Rostand. Poetry will include a selection from the romantic, parnasian, and symbolist schools (e.g. Desbordes-Valmore, Gautier, Baudelaire). Students will be introduced to basic techniques of textual appreciation and commentary.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-2481(6), FREN-4481(6) or FREN-4482(3) are not permitted to take this course.

**FREN-2681(3) CHILDREN'S LITERATURE OF FRENCH**

**CANADA (Le3)** This course examines the socio-cultural evolution of children's literature in French Canada from the beginning of the twentieth century to the present day. Students

study the characteristic themes and styles of this literature by examining representative texts. Emphasis is placed on the contemporary period, and various genres are studied.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**FREN-2748 LE THÉÂTRE CLASSIQUE (Le3)**

This course will investigate some of the changing concepts of tragedy and comedy in seventeenth-century French drama. Plays by famous dramatists such as Corneille, Molière and Racine will be examined in light of major theoretical texts on the aesthetics of theatre, written by scholars such as Aristotle, Corneille and l'abbé d'Aubignac. Periodic class discussion will take a *table ronde* format.

**PREREQUISITES:** FREN-2180(3), the former FREN-1381(6), or permission of instructor.

**RESTRICTIONS:** Students may not hold credit for both FREN-2748(3) and FREN-4748(3) and FREN-2749(3) / FREN-4749(3) and FREN-2750(3) / FREN-4750(3).

**FREN-3003(3) SPECIAL TOPICS IN FRENCH STUDIES I (Le3)**

This course is offered only in the Department's Third-Year Abroad Program. Its content is determined by the research area of the Resident Professor and will consequently vary from year to year. It will give students the opportunity to explore a specific field within French language and literary studies. A detailed course description of the current offering will be available to students registering in the program.

**PREREQUISITE:** Admission to the Third-Year Abroad Program.

**FREN-3004(3) SPECIAL TOPICS IN FRENCH STUDIES II**

**(Le3)** This course is offered only in the Department's Third-Year Abroad Program. Its content is determined by the research area of the Resident Professor and will consequently vary from year to year. It will give students the opportunity to explore a specific field within French language and literary studies. A detailed course description of the current offering will be available to students registering in the program.

**PREREQUISITE:** Admission to the Third-Year Abroad Program.

**FREN-3101(3) FRENCH CULTURE: PAST PERSPECTIVES**

**(Le3)** Through a combination of lectures and visits to museums and other cultural sites in Perpignan and the surrounding area, students are exposed to many aspects of French civilization. In addition to a broad overview of history and geography, topics may include art and architecture (religious, military and domestic), and the customs and traditions of France. This course is offered only in the Department's Third-Year Abroad Program.

**PREREQUISITE:** Admission to the Third-Year Abroad Program.

**FREN-3102(3) FRANCE TODAY (Le3)**

This course offers students the opportunity to understand life in France today through a focus on social, economic and political issues. A study of modern events such as the Algerian War and the birth of the European Economic Community provides the context in which to understand contemporary France. Field trips complementing the lectures enable students to explore Perpignan and the surrounding area in greater depth. This course is offered only in the Department's Third-Year Abroad Program.

**PREREQUISITE:** Admission to the Third-Year Abroad Program.

**FREN-3110(3) STRATEGIES FOR WRITING (IN) FRENCH**

**(Le3)** The main objective of this course, a follow-up to FREN 2110(3) Intermediate Written Expression, is to help students attain an advanced level of written expression in French. To this end, they analyze a variety of prose styles in both literary and non-literary texts and students are asked to utilize these strategies in their own writing. Emphasis is placed on production, editing, grammar and style. This course is offered only in the Department's Third-Year Abroad Program.

**PREREQUISITE:** Admission to the Third-Year Abroad Program.

### **FREN-3111(6) COMPARATIVE STYLISTICS AND**

**TRANSLATION (Le3)** In this course, French is studied by being contrasted with English. After an introduction to sentence segmentation ("translation units"), divergences occurring at several linguistic levels are examined: the *lexical level* (e.g. semantic values, stylistic variants, linguistic interference); the *grammatical and syntactic levels* (e.g. gender, modifiers, modal auxiliaries, word order); and the *pragmatic level*, with a focus on cultural communication patterns in everyday discourse (e.g. advertising, comic strips). Translation strategies are explored to address the distinctive lexical, grammatical, syntactic and pragmatic qualities of each language.

**PREREQUISITES:** 6 credit hours in 2000-level French Studies courses, including 3 credit hours in 2000-level language or permission of instructor.

### **FREN-3202(3) GÉOLINGUISTIQUE FRANÇAISE: VARIÉTÉS DE FRANÇAIS AU CANADA ET DANS LE MONDE (Le3,La1)**

The objective of this course is to present varieties of French as they appear in the world today: in Canada (e.g. Québec, Manitoba) and in other parts of the Francophone World (e.g. France, Louisiana, Africa). After a brief introduction to linguistic change (from early dialects to today's international norm), the course focuses on geolinguistic variation and dialectologic concepts (e.g. adstrata, isogloss), field work methodology and data analysis (e.g. lexicometry, linguistic atlases). Sound documents are examined for their vocabulary, grammar and syntax and give students the opportunity to expand their communication skills as they become more familiar with several varieties of French.

**PREREQUISITES:** 6 credit hours in 2000-level French Studies language courses or permission of instructor.

### **FREN-3203(3) FRENCH LEXICOLOGY (Le3)**

This course focuses on the French lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g. acronyms, derivatives), to identify their basic components (e.g. prefixes, suffixes) and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.

**PREREQUISITES:** 6 credit hours in 2000-level French Studies language courses, or permission of instructor.

### **FREN-3204(3) FRENCH MORPHOLOGY AND SYNTAX (Le3)**

In this course, students acquire fundamental linguistic concepts through the analysis of modern French. The distributional properties of French morphemes and their syntactic and semantic roles are discussed. The structures of syntagms and sentences are analysed and described. Practical exercises allow students to apply the concepts presented.

**PREREQUISITES:** 6 credit hours in 2000-level French Studies language courses or permission of instructor..

**RESTRICTIONS:** Students who have received credit for 20.3201(3) may not receive credit for this course.

### **FREN-3205(3) STUDIES IN BILINGUALISM (Le3)**

This course explores three major components of bilingualism: the context, the learner, and the writer. The section on the bilingual context examines historical and geographical aspects of bilingualism (e.g. official languages in the Francophone world), and subsequent sociolinguistic situations (e.g. diglossia/bilingualism). The section on the bilingual learner concentrates on language acquisition (e.g. "Compound bilingualism"; the active lexicon in Franco-Manitoban and immersion schoolchildren; problems of spelling interferences). The section on the bilingual writer focuses on linguistic production and investigates the concept of self-translation or

"bilinguisme d'écriture" in the works of bilingual authors (e.g. S. Beckett, J. Green, G. Roy).

**PREREQUISITES:** 6 credit hours in 2000-level French Studies language courses or permission of instructor.

### **FREN-3281(3)/FREN-4281(3) WOMEN IN FRENCH**

**LITERATURE: A HISTORICAL OVERVIEW (Le3)** This course provides a historical overview of the literary contributions of women authors - their poetry, letters, drama, and prose. Works of representative woman writers from the twelfth to the nineteenth century (such as Christine de Pisan, Mme de Sévigné, and George Sand) will be examined. In addition to discussion of *genre* and theme, the course will trace the narrative of female authorship and the historical relationship between poetics and politics. Students enrolled in FREN-4281(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3281(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4281(3): 6 credit-hours in 2000-level French Studies and permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4281(6) are not permitted to take this course. Students may not hold credit in both FREN-3281(3) and FREN-4281(3).

### **FREN-3282(3) / FREN-4282(3) WOMEN IN TWENTIETH-CENTURY FRENCH LITERATURE (Le3)**

The development of women's writing in the twentieth century is explored in this course. A variety of literary genres will be studied both in relationship to the traditional canon and in the light of feminist critical theory. Thematic, discursive, and formal aspects will be analysed in the works of authors such as Colette, Beauvoir, and Duras. Students enrolled in FREN-4282(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3282(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4282(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair .

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4281(6) are not permitted to take this course. Students may not hold credit in both FREN-3282(3) and FREN-4282(3).

### **FREN-3301(3) HISTORY OF THE FRENCH LANGUAGE (Le3)**

This course traces the development of the French language through the centuries, examining historical, political and social events that have a significant impact on linguistic change. Four periods are considered: the High Middle Ages and the first written texts; the Old French era with its dialects; Renaissance French, influenced by Italy and the Humanist movement; and the birth of modern French and *la francophonie*. Various linguistic documents are studied to illustrate the status and distinct features of French in different eras.

**PREREQUISITES:** 6 credit-hours in 2000-level French Studies language courses or permission of instructor.

### **FREN-3382(3) TEXTUAL ANALYSIS AND COMMENTARY**

**(Le3)** The techniques of analysis and commentary are applied in this course to both literary and non-literary texts, drawn from contemporary sources in literature and journalism. Through the study of the conceptual framework of classic French methodology, students learn to distinguish elements of form, style and content. Emphasis is placed on the production of written and oral commentaries. This course is offered only in the Department's Third Year Abroad Program.

**PREREQUISITE:** Admission to the Third-Year Abroad Program.

### **FREN-3580(3) / FREN-4580(3) LITTÉRATURE DU 18<sup>e</sup> SIÈCLE I: LE SIÈCLE DES "LUMIÈRES" (Le3)**

This course is intended to develop in the student an understanding and appreciation of the nature of literature and society in the eighteenth century. While emphasis will vary from year to year, this course may include works by major authors such as

Montesquieu, Prévost, Marivaux, Madame de Graffigny and Voltaire. Students will also investigate trends such as *la crise de conscience européenne, le mythe du Sauvage, "Lumières" et Raison, and l'Encyclopédie*. Attention will also be given to relationships between literature and the arts. Students enrolled in FREN-4580(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3580(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4580(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3551(6) or FREN-3581(6) are not permitted to take this course. Students may not hold credit in both FREN-3580(3) and FREN-4580(3).

**FREN-3581(3) / FREN-4581(3) LITTÉRATURE DU 18<sup>e</sup> SIÈCLE II: "LUMIÈRES" ET RÉVOLUTION (Le3)**

This course is intended to study the relationships between literature and society in the eighteenth century. While emphasis will vary from year to year, this course may include works by major authors such as Diderot, Rousseau, Beaumarchais, and Isabelle de Charrière. Emphasis will be placed upon the development of literary styles and the history of ideas in scientific, philosophical, and political contexts. Students will also investigate some trends such as *philosophie et engagement au Siècle des "Lumières", le libertinage, la condition de la femme et l'Ancien Régime, le droit des gens, la Révolution française* and *le préromantisme*. Students enrolled in FREN-4581(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3581(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4581(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3551(6) or FREN-3581(6) are not permitted to take this course. Students may not hold credit for both FREN-3581(3) and FREN-4581(3).

**FREN-3680(3) / FREN-4680(3) LITTÉRATURE DU 17<sup>e</sup> SIÈCLE I : LE BAROQUE (Le3)**

This course offers a critical study of literary works representative of the seventeenth century. While emphasis will vary from year to year, this course may include works by major authors such as Corneille, Scarron, Cyrano de Bergerac and Molière. The course will investigate such trends as *baroque, grotesque, romanesque* and *libertinage*. Students enrolled in FREN-4680(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3680(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4680(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3661(6) or FREN-3681(6) are not permitted to take this course. Students may not hold credit for both FREN-3680(3) and FREN-4680(3).

**FREN-3681(3)/FREN-4681(3) LITTÉRATURE DU 17<sup>e</sup> SIÈCLE II : LE CLASSICISME (Le3)**

This course offers a critical study of works representative of the rich literary production of the seventeenth century, dominated by Louis XIV and the Court of Versailles. While emphasis will vary from year to year, this course may include works by major authors such as Molière, Racine, La Fontaine, Madame de Sévigné and Madame de La Fayette. The course will investigate some of the changing concepts of tragedy and comedy, and trends such as *préciosité, classicisme, honnêteté* and *absolutisme*. Students enrolled in FREN-4681(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3681(3): 6 credit-hours in 2000-level French Studies literature courses or permission of Instructor.

**PREREQUISITES** for FREN-4681(3): 6 credit-hours in 2000-level

French Studies literature courses or permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3661(6) or FREN-3681(6) are not permitted to take this course. Students may not hold credit for both FREN-3681(3) and FREN-4681(3).

**FREN-3883(3)/FREN-4883(3) PRE-INDEPENDENCE FRANCOPHONE AFRICAN LITERATURE (Le3)**

This course will focus on the Francophone African and Caribbean literature of the pre-independence, "negritude" period, with some reference to the post-independence "realist" literature. Poetry by Léopold Sédar Senghor and Aimé Césaire will complement a selection of novels from the works of writers such as Cheik Hamidou Kane, Mongo Beti, Ferdinand Oyono, Camara Laye, or Chinua Achebe. A selection of African and Caribbean videos will provide a cultural, social, and historical background to works studied. Students enrolled in FREN-4883(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3883(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4883(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair.

**RESTRICTIONS:** Students may not hold credit for both FREN-3883(3) and FREN-3881(6).

**FREN-3884(3)/FREN-4884(3) FRANCOPHONE BLACK FEMINIST LITERATURE (Le3)**

Through a study of selected novels and poetry by leading women authors such as Mariama Bâ, Aminata Sow Fall, Calixte Beyala, Were-Were Liking, and Simone Swarz-Bart, this course aims to develop an awareness of these writers' differing responses to the challenges of modern feminism. In this regard, the course offers a comparative approach to Third World and Western feminisms. A selection of African and Caribbean videos will provide a cultural, social, and historical background to works selected. Students enrolled in FREN-4884(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3884(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4884(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair.

**RESTRICTIONS:** Students may not hold credit for both FREN-3884(3) and FREN-3881(6).

**FREN-3952(3)/FREN-4952(3) FROM THE COUNTRY TO THE CITY: THE EARLY QUÉBEC NOVEL (Le3)**

This course focuses on the narrative and discursive development of the Québec novel from the end of the nineteenth century to the 1950s. The works of women and men novelists will be studied with emphasis placed on the *roman psychologique*, the *roman du terroir* and the *roman urbain* as they exemplify the novel's changing form, style and discourse. Methodologies drawn from *la sociologie de la littérature, la sociocritique* and *la sémiotique littéraire* will be applied to novels by such authors as Laure Conan, Albert Laberge, Germaine Guèvremont, Gabrielle Roy, Roger Lemelin and André Langevin. Frequent discussions will take a *table ronde* format. Students enrolled in FREN-4952(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3952(3): 6 credit-hours in 2000-level French Studies literature courses or permission of instructor.

**PREREQUISITES** for FREN-4952(3): 6 credit-hours in 2000-level French Studies literature courses and permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3951(6) or FREN-4951(6) are not permitted to take FREN-3952(3) or FREN-4952(3). Students may not hold credit for both FREN-3952(3) and FREN-4952(3).

**FREN-3953(3)/FREN-4953(3) EXPANDING BORDERS: THE CONTEMPORARY FRANCOPHONE NOVEL OF CANADA (Le3)**

In this course, students will study the narrative and

discursive diversity of the contemporary francophone novel of Canada from the liberating influence of Québec's *révolution tranquille* of the 1960s and the emergence of the Acadian novel to the unique contribution of Western Canadian writers and *les écrivains migrants*. The novels of writers such as Marie-Claire Blais, Réjean Ducharme, Gilbert La Rocque, Nancy Huston, Gaétan Soucy, Jacques Savoie, Régine Robin and Ying Chen will be analyzed in relation to such methodological concepts as *subjectivité*, *être-au-monde*, *isotopie* and *matrice*. Frequent discussions will take a *table ronde* format. Students enrolled in FREN-4953(3) will also attend a weekly 75-minute seminar.

**PREREQUISITES** for FREN-3953(3): 6 credit-hours in 2000-level French Studies literature courses and permission of instructor.

**PREREQUISITES** for FREN-4953(3): 6 credit-hours in 2000-level French Studies literature courses or permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-3951(6) or FREN-4951(6) are not permitted to take FREN-3953(3) or FREN-4953(3). Students may not hold credit for both FREN-3953(3) and FREN-4953(3).

**FREN-4021(6) TUTORIAL (T)** The specialized study of a single author, or of a *genre*, period or theme, or of a specific language or linguistics topic, under the direction of a professor.  
**PREREQUISITE:** permission of instructor.

**FREN-4021(3) TUTORIAL (T)** The specialized study of a single author, or of a *genre*, period or theme, or of a specific language or linguistics topic, under the direction of a professor.  
**PREREQUISITE:** permission of instructor.

**FREN-4091(6) DIRECTED READINGS (D)** A program of readings and consultations, designed to enable the student to carry out a comprehensive study of a particular period or literary *genre*, or of a specific language or linguistics topic, under the direction of a Professor.

**PREREQUISITE:** permission of instructor.

**FREN-4112(3) SYNTAX OF MODERN FRENCH (Le3)** This course provides an intensive study of modern French syntax. It includes an introduction to distributional categories; a functionalist investigation of word roles (e.g. *caractérisation*, *complément interne*) and verbal structures (e.g. *diathèse*); a detailed study of typical French forms (e.g. impersonal), functions (e.g. aspects) and tenses. It focuses on grammaticality and sentence analysis. Simple sentence types and complex subordinate clauses are examined, and transformational rules as they apply to the French language. Examples are drawn from literary and non-literary sources. Course work combines sentence comprehension, syntactic description and regular exercises in sentence production.

**PREREQUISITES:** FREN-2109(3), a minimum of one 3-credit hour language course in French Studies at the 3000-level and permission of Department Chair.

**FREN-4115(3) LITERARY TRANSLATION (Le,S3)** After a brief introduction to the history of translation, this course focuses on major aspects of literary translation, as related to genres (e.g. novel, poetry), to style (e.g. metaphors, word-order), and to metalinguistic questions (e.g. reception by target readers). Course work includes translations, reviews of theoretical works (e.g. A. Berman, H. Meschonnic), and critical comparisons of published translation (twentieth century literary texts).

**PREREQUISITES:** FREN-3111(6) and permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit for a Directed Readings course in Literary Translation may not receive credit for this course.

**FREN-4204(3) FRENCH LEXICOGRAPHY (Le3)** This course addresses the theoretical and practical issues of dictionary design, compilation, and use. Through a chronological survey of

French dictionaries, the different types of modern French dictionaries are analysed and compared (e.g. monolingual vs. bilingual, printed dictionaries vs. CD-ROMS). The macro- and micro-structure of dictionaries (e.g. nomenclatura, definitions, examples) are examined in detail. Practical exercises include special problems presented by lexicography in the Canadian context.

**PREREQUISITES:** Any of the following courses: FREN-3111(6), FREN-3202(3), FREN-3203(3) or FREN-3204(3) and permission of Department Chair.

**FREN-4730(3) LA RENAISSANCE (Le3)** This course offers a study of French prose and poetry of the sixteenth century, with emphasis on major figures such as Rabelais, Montaigne, Marguerite de Navarre, Du Bellay and Ronsard. Special attention will be given to developments in literary styles and to significant religious, scientific and philosophical ideas.

**PREREQUISITES:** Permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4731(6) are not permitted to take this course.

**FREN-4760(3) NINETEENTH-CENTURY POETS (Le3)** This course offers an intensive and extensive study of selected nineteenth century poets in the context of a broad review of the history, the evolution and the poetics of the various French literary schools. Course work will be representative of the romantic, parnassian and the symbolist movements, and poets such as Lamartine, Musset, Vigny, Hugo, Baudelaire, Verlaine, Rimbaud, Gautier, and Leconte de Lisle will be studied. From both the historical and the aesthetic perspectives, the centrality of Baudelaire's *Fleurs du mal* will be emphasized.

**PREREQUISITE:** Permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4481(6) are not permitted to take this course.

**FREN-4761(3) NINETEENTH-CENTURY WOMEN POETS**

**(Le3)** This course focuses on selected nineteenth century women poets in the context of a broad review of the history, the evolution and the poetics of the various French literary schools. Course work will be representative of the romantic, parnassian and the symbolist movements, and may include works by La Princesse de Salm-Dyck, Marceline Desbordes-Valmore, Mélanie Waldor, Louisa Siefert, Pauline de Flangergues, Louise Ackermann and Louise Colet. Extracts from Mme de Staël will provide some theoretical background to French romanticism.

**PREREQUISITE:** Permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4481(6) may not receive credit for this course.

**FREN-4885(3) LITERATURE OF THE EARLY MIDDLE AGES**

**(Le, S3)** This course examines the narrative and lyric genres that arose in France in the early Middle Ages, including epic and lyric poetry, the lay, and metrical romance. The course focuses particularly on works produced by men and women writers in the context of the court. Representative texts of this courtly literature, by known authors such as Chrétien de Troyes and Marie de France or by anonymous authors, will be studied in modernized versions. **PREREQUISITE:** Permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4881(6) or FREN-4882(3) may not receive credit for this course.

**FREN-4886(3) LITERATURE OF THE LATE MIDDLE AGES**

**(Le, S3)** Works of the fourteenth and fifteenth centuries are explored in this course. Questions of genre and convention, narrative technique, and narrative voice are discussed in works produced in a diverse range of contexts. Genres such as theatre and fabliaux will receive attention, together with selected texts by well-known authors François Villon and Christine de Pizan.

**PREREQUISITE:** Permission of Department Chair.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4881(6) are not permitted to take this course.

**FREN-4932(3) LITERARY THEORY AND RESEARCH**

**METHODS (Le3, S3)** In this seminar, students will explore the richness of twentieth-century literary theory. Critical methodologies examined will be selected from the following: phenomenological, sociological, ideological, psychoanalytical, structuralist, semiotic and genetic. Students will be required to apply the approaches studied to various prose works from Québec and France. In addition, students will be introduced to bibliographical research methods and on-line research tools.

**RESTRICTIONS:** Students who have obtained credit in the former FREN-4931(6) are not permitted to take this course.

**FREN-4933(3) LA NARRATOLOGIE (S3)** This seminar presents a body of literary theory relating to French narratology, i.e., the study of how narrative components (time, space, character and narrator) produce meaning and discourse in the literary text. Students study the work of a variety of theoreticians, including Genette, Jouve, Lintvelt and Bal, and notions such as *histoire/récit/narration*, *diégésis/mimésis*, *mode narratif (distance, fonctions du narrateur)*, *instance narrative/voix narrative*, *récit emboîté*, *métalepse* and *effet-personnage*. Students' analyses of Canadian, Caribbean and French texts (short stories and novels), drawn from the nineteenth century to the present, are presented as oral exposés and in written form.

**PREREQUISITE:** Permission of Department Chair.

# GEOGRAPHY (GEOG)

**Note: The department/program code GEOG replaces the former code 23. Students cannot hold credit in GEOG-xxxx and the former 23.xxxx having the same course number (e.g., GEOG-1102(3) and 23.1102(3)).**

**Chair: Professor D. Blair;** Professors: W.J. Carlyle, T.S. Carter, E. Cloutis, S. Hathout, J.C. Lehr, W.F. Rannie, G.A.J. Scott; Associate Professor: B. Buhay, J. Distasio, M. Vachon; Assistant Professors: J. Binyamin, P. Fitzpatrick; Instructors: M.T. Krawetz, B.R. McGregor; Cartographer: W. Hiebert; Lab Technician: K. Monson; Map Librarian: B. Russell.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**  
**4-Year BA**  
**Honours BA**

**3-Year BSc**  
**4-Year BSc**  
**Honours BSc**

## INTRODUCTION

The study of Geography is concerned with the Earth's surface in two ways - as the science of interaction between natural elements of the environment, such as weather, plants, soils, and landforms, and secondly, as the science of the distribution and activities of the Earth's population in response to various social and environmental factors. Systematic studies in Geography examine the locations, distributions, arrangements, and associations of a group of interrelated features. In contrast, regional studies examine the totality of geographic phenomena in a particular area. No matter what approach is taken, there are certain skills and techniques that are of particular geographic relevance (e.g., remote sensing, cartography, Geographic Information Systems).

As a reflection of the diversity that exists within the study of Geography and the special skills required, the Department offers courses within five areas of study: General, Physical Geography, Techniques, Human Geography, and Regional Geography. One may attain either the 3-Year or 4-Year Bachelor's degree in either Arts or Science, as well as the BA Honours or BSc Honours degree.

Geography offers a considerable variety of career opportunities. High schools require a continuing supply of Geography teachers. Various federal and provincial agencies dealing with conservation, urban planning, recreation, landscape architecture, and resource use also provide opportunities, especially to those with Honours or graduate work in Geography. Undergraduate training in the subject is often required for certain business careers, especially in surveying, market assessment, and location and general commercial development. Training in Geographical Information Systems is especially in demand.

## REQUIREMENTS FOR A 3-YEAR BA IN GEOGRAPHY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Geography and specified number of credit hours in other Major subject or program.

### Required Courses:

#### Common Geography Requirement (12 credit hours)

- GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment
- GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development
- GEOG-1201(3)** Introductory Atmospheric Science
- GEOG-1202(3)** Introductory Earth Science

#### Regional Geography Requirement (6 credit hours)

- Minimum of 6 credit hours from among the following:
- GEOG-2503(3)** Manitoba's Physical and Human Environments
  - GEOG-3216(3)** Arctic Environments
  - GEOG-3508(3)** Geographical Issues in the Developing World

**GEOG-3509(3)** Canada's Physical and Human Environments  
**GEOG-3510(3)** Prairie Landscapes  
**GEOG-3511(3)** Topical Regions in Geography

Systematic Human Geography Requirement (6 credit hours)  
Minimum of 6 credit hours in Systematic Human Geography

Electives (6 credit hours)  
Minimum 6 additional credit hours from any area of Geography

**Combined Major:** Minimum 48 credit hours from 2 different Majors with not less than 18 credit hours from each major subject.

Prescribed Courses:  
**GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment  
**GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science  
6 additional credit hours from the Systematic Human Geography Group

## REQUIREMENTS FOR A 3-YEAR BSc IN GEOGRAPHY

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 36 credit hours/Maximum 48 credit hours.  
Double Major: Minimum 36 credit hours in Geography and specified number of credit hours in other Major subject or program.

**Required Courses:**  
Common Geography Requirement (12 credit hours)  
**GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment  
**GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science

Systematic Physical/Technique Requirement (24 credit hours)  
**GEOG-2304(3)** Computer Mapping or **GEOG-2309(3)** Statistical Techniques in Environmental Analysis  
12 credit hours from among:  
**GEOG-2207(3)** Climatology  
**GEOG-2210(3)** Meteorology  
**GEOG-2213(3)** Introductory Soil Science  
**GEOG-2214(3)** Soil-Vegetation Systems  
**GEOG-2215(3)** Mineralogy and Petrology  
**GEOG-2216(3)** Physical Geology  
**GEOG-2218(3)** Fluvial and Hillslope Processes  
**GEOG-2219(3)** Glacial and Periglacial Processes

Minimum 9 additional credit hours from the Physical or Technique groups (i.e., where the second digit of the course number is a 2 or 3)

External Science Requirement (18 credit hours)  
Minimum of 18 credit hours selected from at least two (2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics.



The following courses do not qualify:

**ACS-1453(3)** Introduction to Computers  
**ACS-1803(3)** Introduction to Computer-based Systems  
**BIOL-1102(6)** Biology and Human Concerns  
**BIOL-1103(6)** Human Biology  
**BIOL-1106(3)** Environmental Biology  
**CHEM-2801(3)** Chemistry and Society  
**MATH-0001(6)** Basic Mathematics

**MATH-0005(3)** Introductory Mathematics  
**MATH-2901(3)** History of Calculus  
**MULT-1005(6)** Concepts in Science  
**PHYS-1501(6)** Modern Technology  
**PHYS-1701(6)** Astronomy  
**PHYS-2705(6)** Cosmology: Science Fact to Science Fiction

**Combined Major:** Minimum 48 credit hours from 2 different Majors with not less than 18 credit hours from each major subject.

Prescribed Courses:

**GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment  
**GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science  
6 additional credit hours from the Physical Geography Group

## REQUIREMENTS FOR A 4-YEAR BA IN GEOGRAPHY

**ADMISSION REQUIREMENT** Students must consult with the Department Advisor in planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours/Maximum 66 credit hours.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Cognates: Minimum of 18 credit hours/Maximum of 36 credit hours in ancillary courses.  
Maximum total of cognate and major courses is 84 credit hours combined.

### Required Courses:

Common Geography Requirement (12 credit hours)

**GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment  
**GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science

Regional Geography Requirement (6 credit hours)

Minimum of 6 credit hours from among the following:

**GEOG-2503(3)** Manitoba's Physical and Human Environments  
**GEOG-3216(3)** Arctic Environments  
**GEOG-3508(3)** Geographical Issues in the Developing World  
**GEOG-3509(3)** Canada's Physical and Human Environments  
**GEOG-3510(3)** Prairie Landscapes  
**GEOG-3511(3)** Topical Regions in Geography

Systematic Human Geography Requirement (6 credit hours)

Minimum of 6 credit hours in Systematic Human Geography

Technique Requirement (9 credit hours)

**GEOG-2304(3)** Computer Mapping  
**GEOG-2309(3)** Statistical Techniques in Environmental Analysis  
**GEOG-3302(3)** Principles of Geographic Information Systems

### Other Requirements

Students must complete 48 credit hours in Geography. Overall minimum of 12 credit hours in upper level (3000 and 4000) Human or Technique courses of which a minimum of 6 credit hours must be at the 4000 level.

**Combined Major:** Minimum 60 credit hours from two (2) different Majors with not less than 24 credit hours from each major subject.

### Prescribed Courses:

- GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment
- GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development
- GEOG-1201(3)** Introductory Atmospheric Science
- GEOG-1202(3)** Introductory Earth Science
- 6 additional credit hours from the Systematic Human Geography Group

## REQUIREMENTS FOR A 4-YEAR BSc IN GEOGRAPHY

**ADMISSION REQUIREMENT** Students must consult with the department advisor in planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours, that is, 90 credit hours meeting the requirements for the 3-Year BSc plus an additional 30 credit hours.

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 54 credit hours/Maximum 78 credit hours.  
Double Major: Minimum 54 credit hours in Geography and specified number of courses in other Major.

### Required Courses:

#### Common Geography Requirement (12 credit hours)

- GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment
- GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development
- GEOG-1201(3)** Introductory Atmospheric Science
- GEOG-1202(3)** Introductory Earth Science

#### Physical/Technique Requirement (42 credit hours)

- GEOG-2304(3)** Computer Mapping
- GEOG-2309(3)** Statistical Techniques in Environmental Analysis or STAT-1201(6) Introduction to Statistic Analysis
- GEOG-2316(3)** Remote Sensing
- GEOG-3302(3)** Principles of Geographic Information Systems

12 credit hours from among

- GEOG-2207(3)** Climatology
- GEOG-2210(3)** Meteorology
- GEOG-2213(3)** Introductory Soil Science
- GEOG-2214(3)** Soil-Vegetation Systems
- GEOG-2215(3)** Mineralogy and Petrology
- GEOG-2216(3)** Physical Geology
- GEOG-2218(3)** Fluvial and Hillslope Processes
- GEOG-2219(3)** Glacial and Periglacial Processes

18 additional credit hours from the Physical or Technique groups

Overall minimum of 12 credit hours in upper level (3000 and 4000) from the Physical/Technique groups with at least 6 hours at the 4000 level.

#### External Science Requirement (24 credit hours)

Minimum of 24 credit hours selected from at least two (2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics.

The following courses do not qualify:

**ACS-1453(3)** Introduction to Computers  
**ACS-1803(3)** Introduction to Computer-based Systems  
**BIOL-1102(6)** Biology and Human Concerns  
**BIOL-1103(6)** Human Biology  
**BIOL-1106(3)** Environmental Biology  
**CHEM-2801(3)** Chemistry and Society  
**MATH-0001(6)** Basic Mathematics

**MATH-0005(3)** Introductory Mathematics  
**MATH-2901(3)** History of Calculus  
**MULT-1005(6)** Concepts in Science  
**PHYS-1501(6)** Modern Technology  
**PHYS-1701(6)** Astronomy  
**PHYS-2705(6)** Cosmology: Science Fact to Science Fiction

**Combined Major:** Minimum 60 credit hours from 2 different Majors with not less than 24 credit hours from each major subject.

Prescribed Courses:

**GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment  
**GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science  
6 additional credit hours from the Physical Geography Group

## REQUIREMENTS FOR AN HONOURS BA IN GEOGRAPHY

### ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., Fs are not included, and in the case of repeated courses, only the highest grade will be used).

**GRADUATION REQUIREMENT** Minimum 120 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours  
Minimum 21 credit hours in upper level (3000 and 4000) Honours subject courses of which a minimum of 15 credit hours must be at the 4000 level (including Thesis).

Double Honours: Student must satisfy the requirements for both the Honours BA in Geography and the requirements for the Honours BA in the second Honours department in consultation with the Geography department chair.

### Required Courses:

Common Geography Requirement (12 credit hours)

**GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment  
**GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development  
**GEOG-1201(3)** Introductory Atmospheric Science  
**GEOG-1202(3)** Introductory Earth Science

Regional Geography Requirement (6 credit hours)

Minimum of 6 credit hours from among the following  
**GEOG-2503(3)** Manitoba's Physical and Human Environments  
**GEOG-3216(3)** Arctic Environments  
**GEOG-3508(3)** Geographical Issues in the Developing World  
**GEOG-3509(3)** Canada's Physical and Human Environments  
**GEOG-3510(3)** Prairie Landscapes  
**GEOG-3511(3)** Topical Regions in Geography

Systematic Human Geography Requirement (6 credit hours)

Minimum of 6 credit hours in Human Geography

Technique Requirement (9 credit hours)

- GEOG-2304(3)** Computer Mapping
- GEOG-2309(3)** Statistical Techniques in Environmental Analysis
- GEOG-3302(3)** Principles of Geographic Information Systems

Thesis Requirement (6 credit hours)

**GEOG-4901(6)** Honours Geography Thesis - 6 credit hours with a prerequisite of GEOG-2309(3) (Statistical Techniques), 36 credit hours completed in Geography, and a Geography GPA of 3.0.

Other Requirements

Students must complete 54 credit hours in Geography.

Minimum 21 credit hours in upper level (3000 and 4000) Honours subject courses of which a minimum of 15 credit hours (including the thesis) must be at the 4000 level.

Average of 2.5 GPA in non-Geography courses and 3.00 GPA on all attempts in Geography courses (exit requirement).

## REQUIREMENTS FOR AN HONOURS BSc IN GEOGRAPHY

### ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.75 in Non-Honours Subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.75 GPA in all Non-Honours Subject courses will be calculated as for the general degree (i.e., Fs are not included, and in the case of repeated courses, only the highest grade will be used).

### GRADUATION REQUIREMENT

Minimum 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### HONOURS REQUIREMENT

Single Honours: Minimum 63 credit hours/Maximum 78 credit hours

Minimum 30 credit hours in upper level (3000 and 4000) Honours Subject courses of which a minimum of 15 credit hours must be at the 4000 level (including Thesis).

Double Honours: Students must satisfy the requirements for both the Honours BSc in Geography and the requirements for the Honours BSc in the second Honours department, in consultation with the Geography department chair.

### Required Courses

Common Geography Requirement (12 credit hours)

- GEOG-1102(3)** Introductory Human Geography I: People, Culture and Environment
- GEOG-1103(3)** Introductory Human Geography II: Population, Place and Development
- GEOG-1201(3)** Introductory Atmospheric Science
- GEOG-1202(3)** Introductory Earth Science

Physical/Technique Requirements (45 credit hours)

- GEOG-2304(3)** Computer Mapping
- GEOG-2309(3)** Statistical Techniques in Environmental Analysis
- GEOG-2316(3)** Remote Sensing
- GEOG-3302(3)** Principles of Geographic Information Systems

12 credit hours from the following:

- GEOG-2207(3)** Climatology
- GEOG-2210(3)** Meteorology
- GEOG-2213(3)** Introductory Soil Science
- GEOG-2214(3)** Soil-Vegetation Systems
- GEOG-2215(3)** Mineralogy and Petrology
- GEOG-2216(3)** Physical Geology
- GEOG-2218(3)** Fluvial and Hillslope Processes
- GEOG-2219(3)** Glacial and Periglacial Processes

Minimum of 21 additional credit hours in upper level (3000 and 4000) courses from Physical or Technique groups (excluding Thesis) with at least 9 credit hours at the 4000-level (excluding Thesis).

### Thesis Requirement (6 credit hours)

**GEOG-4901(6)** Honours Geography Thesis - 6 credit hours with a prerequisite of GEOG-2309(3) (Statistical Techniques), 36 credit hours completed in Geography, and a Geography GPA of 3.0.

### External Science Courses (24 credit hours)

Minimum of 24 credit hours selected from at least two(2) of the Departments of Biology, Applied Computer Science, Chemistry, Mathematics, Physics, and Statistics, of which 12 credit hours must be at or above the 2000-level.

The following courses do not qualify:

**ACS-1453(3)** Introduction to Computers

**ACS-1803(3)** Introduction to Computer-based Systems

**BIOL-1102(6)** Biology and Human Concerns

**BIOL-1103(6)** Human Biology

**BIOL-1106(3)** Environmental Biology

**CHEM-2801(3)** Chemistry and Society

**MATH-0001(6)** Basic Mathematics

**MATH-0005(3)** Introductory Mathematics

**MATH-2901(3)** History of Calculus

**MULT-1005(6)** Concepts in Science

**PHYS-1501(6)** Modern Technology

**PHYS-1701(6)** Astronomy

**PHYS-2705(6)** Cosmology: Science Fact to Science Fiction

### Grade Point Requirement

GPA of 2.75 in non-Geography courses and 3.00 on all attempts in Geography courses (exit requirement).

### Suggested Patterns:

Year 1: **GEOG-1102(3)** Introductory Human Geography I; **GEOG-1103(3)** Introductory Human Geography II; **GEOG-1201(3)** Introductory Atmospheric Science; **GEOG-1202(3)** Introductory Earth Science

Year 2: 12-18 credit hours in Geography. Recommended: **GEOG-2309(3)** Statistical Techniques in Environmental Analysis and **GEOG-2304(3)** Computer Mapping

Prerequisite course(s) for planned Honours courses.

Year 3: 3-6 credit hours at the 4000 level in Geography.

Year 4: 9-12 credit hours at the 4000 level in Geography, including the Thesis.

4000-level courses from other Departments may be credited toward the Geography Honours Major with ADVANCE WRITTEN APPROVAL from the Department Chair.

Students must consult with the Department Chair to determine whether they fulfil the general regulations for the Honours program.

Students must complete the Honours application form before EACH registration in a 4000-level course.

Students planning to complete a Double Honours degree in Geography must consult with the Department Chair for further details.

## GENERAL INFORMATION

### **Geography Courses Which Satisfy the Science Requirement**

The Science requirement will be satisfied by 6 credit hours from the following courses:

GEOG-1201(3)	Introductory Atmospheric Science	GEOG-2213(3)	Introductory Soil Science
GEOG-1202(3)	Introductory Earth Science	GEOG-2214(3)	Soil-Vegetation Systems
GEOG-2201(6)	Geomorphology	GEOG-2215(3)	Mineralogy and Petrology
GEOG-2202(6)	Introductory Geology	GEOG-2216(3)	Physical Geology
GEOG-2203(6)	Geography of Soils and Vegetation	GEOG-2218(3)	Fluvial and Hillslope Processes
GEOG-2207(3)	Climatology	GEOG-2219(3)	Glacial and Periglacial Processes
GEOG-2210(3)	Meteorology		

### **Geography Courses Which Satisfy the Social Science Requirement**

The Social Science requirement will be satisfied by 12 credit hours from courses in Human and/or Regional Geography (i.e. courses for which the second digit of the course number is a 4 or 5).

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of the department is required for each 4000-level course.

## COURSE LISTINGS

Geography courses are categorized into five major groups: General, Physical, Technique, Human, and Regional. Courses are distinguished by the use of the second digit in the course number as follows:

General	Second digit is 1 (e.g. 1102(3) Introductory Human Geography I: People, Culture and Environment)
Physical	Second digit is 2 (e.g. 1201(3) Introductory Atmospheric Science)
Technique	Second digit is 3 (e.g. 2309(3) Statistical Techniques in Environmental Analysis)
Human	Second digit is 4 (e.g. 2407(3) Recreation Geography)
Regional	Second digit is 5 (e.g. 2503(3) Manitoba's Physical and Human Environments)

Beyond the minimum requirements for each degree, students may choose courses which provide a coherent specialization within the discipline. Guidelines to assist in this selection are included in the Departmental brochure, which is published annually and available from the Department secretary in 5L02.

<b>INTRODUCTORY AND GENERAL COURSES</b>			
GEOG-1102(3)	Introductory Human Geography I: People, Culture and Environment	GEOG-4308(3)	Advanced Geographic Information Systems
GEOG-1103(3)	Introductory Human Geography II: Population, Place and Development	GEOG-4310(3)	Geographic Information Modelling
GEOG-1201(3)	Introductory Atmospheric Science	GEOG-4314(3)	Advanced Remote Sensing
GEOG-1202(3)	Introductory Earth Science		
<b>PHYSICAL GEOGRAPHY COURSES</b>		<b>SYSTEMATIC HUMAN GEOGRAPHY COURSES</b>	
GEOG-2204(3)	Human Impact on the Environment	GEOG-2401(3)	Agricultural Geography
GEOG-2207(3)	Climatology	GEOG-2407(3)	Recreation Geography
GEOG-2210(3)	Meteorology	GEOG-2408(3)	Environmental Perception and Human Behaviour
GEOG-2212(3)	Natural Hazards	GEOG-2409(6)	Energy, Resources and Economic Development
GEOG-2213(3)	Introductory Soil Science	GEOG-2410(3)	Selling Places: Geography of Marketing Tourism
GEOG-2214(3)	Soil-Vegetation Systems	GEOG-2411(3)	Geography of Globalization
GEOG-2215(3)	Mineralogy and Petrology	GEOG-2412(3)	A Geographical Perspective on Tourism
GEOG-2216(3)	Physical Geology	GEOG-2414(3)	The Urban Environment
GEOG-2218(3)	Fluvial and Hillslope Processes	GEOG-2415(3)	An Introduction to Urban Development
GEOG-2219(3)	Glacial and Periglacial Processes	GEOG-2416(3)	Sex, Gender, Space and Place
GEOG-3204(3)	Climate Change and Variability	GEOG-2417(3)	An Introduction to Economic Geography
GEOG-3210(3)	Hydrology	GEOG-3401(3)	Population Geography
GEOG-3211(3)	Karst and Coastal Geomorphology	GEOG-3402(3)	Urbanization in the Developing World
GEOG-3213(3)	Sedimentology	GEOG-3408(3)	Water Resources
GEOG-3215(3)	Biogeography	GEOG-3411(3)	Heritage Conservation and Tourism
GEOG-3216(3)	Arctic Environments	GEOG-3413(3)	Urban Revitalization: Rebuilding of Decaying Cities
GEOG-3217(3)	Tropical Environments	GEOG-3415(3)	Contested Space: A Geography of Place
GEOG-3219(3)	Quaternary Environments	GEOG-4403(3)	Urban Land Use: Developmental Processes
GEOG-4203(3)	Topics in Climatology	GEOG-4404(3)	Field Research in Urban Geography
GEOG-4212(3)	Topics in Earth Sciences	GEOG-4407(3)	Advanced Tourism and Recreation Geography
GEOG-4231(3)	Topics in Biogeography	GEOG-3510(3)	Prairie Landscapes
GEOG-4232(3)	Conservation	GEOG-4441(3)	Advanced Studies in Environmental Perception
GEOG-4801(3)	Physical Geography Field Seminar	GEOG-4901(6)	Honours Geography Thesis
GEOG-4901(6)	Honours Geography Thesis		
<b>TECHNIQUE COURSES</b>			
GEOG-2304(3)	Computer Mapping		
GEOG-2309(3)	Statistical Techniques in Environmental Analysis		
GEOG-2316(3)	Remote Sensing		
GEOG-3302(3)	Principles of Geographic Information Systems		
GEOG-3310(3)	Spatial Analysis		
GEOG-3316(3)	Aerial Photography		
GEOG-3318(3)	Digital Image Analysis		
GEOG-4307(3)	Advanced Computer Mapping		

#### REGIONAL GEOGRAPHY COURSES

Students are reminded that Geography 1102(3) and 1103(3), 1201(3), and 1202(3) provide appropriate background for all regional courses. Students lacking first year geography and wishing to take a regional course should consult the Instructor concerned.

GEOG-2503(3)	Manitoba's Physical and Human Environments
GEOG-3508(3)	Geographical Issues in the Developing World
GEOG-3509(3)	Canada's Physical and Human Environments
GEOG-3511(3)	Topical Regions in Geography

## COURSE DESCRIPTIONS

### **GEOG-1102(3) INTRODUCTORY HUMAN GEOGRAPHY I: PEOPLE, CULTURE AND ENVIRONMENT (Le3)**

Attitudes to the world are determined to a great extent by culture. The ways in which people behave, socially and geographically, are determined by systems of belief and cultural understandings. The focus of this introductory course is the role of culture in determining geographical patterns and landscapes. It will consider language, religion, rural and urban settlement, global and gender inequities, the expression of power in the landscape and the changing global political landscape. Emphasis will be

placed on current developments in the tension areas of the world.

**RESTRICTIONS:** Students may not receive credit for both GEOG-1102(3) and the former GEOG-1101(6).

### **GEOG-1103(3) INTRODUCTORY HUMAN GEOGRAPHY II: POPULATION, PLACE AND DEVELOPMENT (Le3)**

The growth of the human population, how this population earns its livelihood, and the various forms of settlement are placing serious strains on our environment. The ability to cope with these issues will determine the quality of life the world's population will experience in the future. The focus

of this introductory course in population change and migration, various forms of economic activity, urbanization, levels of development and the implications of changes in these theme areas will be emphasized for the environment. Current developments in these areas will be emphasized and case studies from many areas of the world will highlight important concepts and issues. The course will illustrate how geographical concepts and tools can be used to analyse and inform these issues.

**RESTRICTIONS:** Students may not receive credit for both GEOG-1103(3) and the former GEOG-1101(6).

### **GEOG-1201(3) INTRODUCTORY ATMOSPHERIC SCIENCE (Le3,La2)**

This course is an introduction to the atmospheric sciences of climatology and meteorology. The introduction to climatology examines how and why average atmospheric conditions (i.e., climates) vary from place to place and over time (e.g., over months, years, centuries). The introduction to meteorology surveys the nature of the atmosphere and the causes and characteristics of short-term atmospheric conditions (i.e., weather). Methods of collecting and analyzing climate and weather data are reviewed, as are the ways in which atmospheric processes interact with other components of the ecosphere (i.e., the biosphere, lithosphere, hydrosphere, humans).

**RESTRICTIONS:** Students may not receive credit for both GEOG-1201(3) and the former GEOG-1200(6).

**Note:** This course can be used towards the Science Requirement.

### **GEOG-1202(3) INTRODUCTORY EARTH SCIENCE (Le3,La2)**

This course introduces students to geomorphology, the study of landforms and landscapes on the surface of the Earth. Processes of geologic (mountain building, volcanism, etc.) and geomorphic change (weathering, erosion, and deposition by water, ice, and wind) will be surveyed.

**RESTRICTIONS:** Students may not receive credit for both GEOG-1202(3) and the former GEOG-1200(6).

**Note:** This course can be used towards the Science Requirement.

### **GEOG-2204(3) HUMAN IMPACT ON THE ENVIRONMENT (Le3)**

This course studies the causes, effects, and controls of detrimental change to the natural environment resulting from human activity. Emphasis will be given to issues pertaining to the alteration of ecosystems and the various types of air, water, and soil pollution.

**GEOG-2207(3) CLIMATOLOGY (Le3,La2)** This course examines climatological processes, at all scales (e.g., micro to macro), to arrive at an understanding of how and why climates vary spatially and temporally. It surveys the characteristics of the global climate system, but pays particular attention to the Northern Hemisphere and North America. Laboratory exercises involve the analysis and presentation of climatological data.

**PREREQUISITE:** GEOG-1201(3).

**GEOG-2210(3) METEOROLOGY (Le3,La2)** This course surveys the causes and characteristics of weather. Fundamental thermodynamic and hydrodynamic principles of atmospheric physics will be reviewed. Common and severe/unusual weather phenomena will be explained, as will be the processes involved in the preparation of weather forecasts.

**PREREQUISITES:** GEOG-1201(3) or permission of instructor.

**GEOG-2212(3) NATURAL HAZARDS (Le3)** This course examines the causes and characteristics of natural hazards. Emphasis is placed on the assessment of risk, the choice of adjustments, and differences between

situations in developed and developing countries. Discussions will cover hurricanes, tornadoes, floods, earthquakes, and blizzards, as time permits.

**PREREQUISITES:** GEOG-1201(3) or GEOG-1202(3) or permission of instructor.

### **GEOG-2213(3) INTRODUCTORY SOIL SCIENCE (Le3,La2)**

This course provides an introduction to pedology, the study of soils as physical entities in their own right. A review of the history of soil science is followed by a detailed introduction to soil forming factors and soil genesis. A brief review of the US Soil Taxonomy classification system then introduces a detailed review of the Canadian Soil Classification System, and the geographic distribution of soil types. This is followed by a review of the physical and chemical properties of soils, soil organisms and soil organic matter. The course concludes with an introduction to edaphology, the study of soils from the point of view of their plant cover. Laboratory sessions deal with the physical and chemical properties of soils using soil samples collected on one or more field trips, and with soil classification.

**PREREQUISITES:** GEOG-1201(3) and GEOG-1202(3) or permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for both GEOG-2213(3) and the former GEOG-2203(6).

### **GEOG-2214(3) SOIL-VEGETATION SYSTEMS (Le3,La2)**

A review of edaphology, the study of soils from the point of view of their plant cover, is followed by an examination of soils as nutrient delivery systems to both natural cover and agroecosystems. Emphasis is placed on macro- and micronutrient supply, the use of fertilizers and organic residues, the role of organic farming, and water supply, drainage and erosion. This is followed by a discussion of the basic ecological/physiological requirements of plants important in understanding vegetation formations and ecoclimatic regions. The course concludes with a major discussion of Canada's ecoclimatic regions and the relationships between their vegetation covers, soil types and climates. Laboratory work includes the determination of certain soil nutrient contents, and the role of soil organic matter, plant residues and plant cover in limiting erosion, and the ecoclimatic aspects of vegetation formation distribution.

**PREREQUISITES:** GEOG-2213(3).

**RESTRICTIONS:** Students may not receive credit for both GEOG-2214(3) and the former GEOG-2203(6).

### **GEOG-2215(3) MINERALOGY AND PETROLOGY (Le3,La2)**

Students are introduced to the chemical and physical properties of the common minerals and rocks. Emphasis is placed on the origin, composition and classification of the common minerals and rock types. Weekly laboratories provide the student with the skills necessary for routine identification of minerals and rocks in hand samples. Students are also introduced to the fundamentals of optical mineralogy, which include the practice of study and identification of minerals using the polarizing microscope and rock thin sections. An optional field trip highlighting local geological features serves as an introduction to field recognition and classification of minerals and rocks and their associated provenance.

**PREREQUISITES:** GEOG-1202(3) or permission of instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-2202(6) may not receive credit for GEOG-2215(3).

### **GEOG-2216(3) PHYSICAL GEOLOGY (Le3,La2)**

This course surveys the elements of stratigraphy, structural geology, earthquakes, historical geology, and volcanism within the unifying concept of plate tectonics. Labs demonstrate the methods of determining the characteristics

of major geological structures as they typically appear on maps and air photos.

**PREREQUISITE:** GEOG-2215(3).

**RESTRICTIONS:** Students with standing in the former GEOG-2202(6) may not receive credit for GEOG-2216(3).

### **GEOG-2218(3) FLUVIAL AND HILLSLOPE PROCESSES**

**(Le3,La2)** This course examines geomorphic processes operating in rivers and on slopes. Among the topics discussed are the factors which influence the stability and form of slopes, the characteristics of watersheds and stream networks, the factors which govern the forms, patterns adjustments and long profiles of river channels, the transport of sediment in fluvial systems, the depositional features produced by streams, and the long-term evolution of entire landscapes. Labs emphasize both analytic methods and the interpretation of maps and air photos.

**PRE-REQUISITE:** GEOG-1202(3).

**RESTRICTIONS:** Students with standing in the former GEOG-2201(6) may not receive credit for GEOG-2218(3).

### **GEOG-2219(3) GLACIAL AND PERIGLACIAL**

**PROCESSES (Le3,La2)** This course examines the geomorphic processes operating in glacial and periglacial environments. Topics discussed include the basic concepts of physical glaciology, glacial erosion and sedimentation, Quaternary geology and Pleistocene chronology, the methods used to interpret and reconstruct glacial and interglacial successions, the causes of global glaciation, periglacial processes and landforms, and the geomorphic significance of sea ice. Analytical and data acquisition techniques are emphasized in the labs.

**PREREQUISITES:** GEOG-1202(3) or permission of instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-2201(6) or the former GEOG-2211(3) may not receive credit for GEOG-2219(3).

**GEOG-2304(3) COMPUTER MAPPING (Le3,La2)** This course provides an introduction to the theory, practice, and methods of computer mapping. Students make use of existing cartographic and statistical data bases, as well as input information through digitizing and scanning, to construct thematic maps using various microcomputer software packages.

**PREREQUISITES:** GEOG-1102(3) or GEOG-1103(3) or GEOG-1201(3) or GEOG-1202(3) or permission of instructor.

### **GEOG-2309(3) STATISTICAL TECHNIQUES IN**

**ENVIRONMENTAL ANALYSIS (Le3,La1)** Statistics describe and summarize data, and make predictions about a population from the information contained in samples. This course provides a working understanding of the elementary statistical techniques and computational procedures for students with little background in mathematics, and focuses on the applications of these tools to the analyses of geographical and environmental data. Topics include scales of measurement, univariate descriptive statistics, time series analysis, probability, sampling design, hypothesis testing, regression and correlation analysis, and models as quantitative techniques.

**PREREQUISITES:** GEOG-1102(3) or GEOG-1103(3) or the former GEOG-1101(6) or GEOG-1201(3) or GEOG-1202(3) or permission of instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-2310(3) may not receive credit for GEOG-2309(3).

**GEOG-2316(3) REMOTE SENSING (Le2,La3)** This course discusses the collection of information by measuring electromagnetic radiation, the storage of that information in other graphical or digital forms, and the subsequent analysis of the stored data. Sensing devices such as film, line scan cameras, and radar, operated from the ground,

the air, or Earth satellites, will be discussed in relation to their general application.

**PREREQUISITES:** GEOG-1102(3) or GEOG-1103(3) or the former GEOG-1101(6) or GEOG-1201(3) or GEOG-1202(3) or permission of instructor

**RESTRICTIONS:** Students may not receive credit for both GEOG-2316(3) and the former GEOG-3304(3).

### **GEOG-2401(3) AGRICULTURAL GEOGRAPHY (Le3)**

A study of agriculture from the viewpoint of physical and cultural environments, systems of exploitation, regional analysis, and a survey of the world's major agricultural activities.

### **GEOG-2407(3) RECREATION GEOGRAPHY (Le3)**

Expanded leisure time has led to increased demands on recreational space from the level of the city park and playground to the use and abuse of wilderness areas. This course discusses the concept of competing and multifacial recreational space use. Emphasis is put upon topical questions.

**PREREQUISITES:** GEOG-1102(3) or GEOG-1103(3) or permission of instructor.

### **GEOG-2408(3) ENVIRONMENTAL PERCEPTION AND HUMAN BEHAVIOUR (Le3)**

This course will focus on varied themes and topics relating to perceptions of physical and social environments. Variations in the perception, images, and attitudes held by individuals and groups within different societies will be examined and related to varied behavioral responses within a spatial and environmental context. Topics of interest in this course are (1) perception of natural hazards (floods, droughts, frosts, hail, etc.); (2) perception of natural resources and the management of natural resources; (3) images of urban neighbourhoods, cities, metropolitan regions, provinces, countries, the world; (4) mental maps; (5) attitudes towards resource development and the implications for local, regional, and national planning.

**PREREQUISITES:** GEOG-1102(3) or permission of instructor.

### **GEOG-2411(3) GEOGRAPHY OF GLOBALIZATION (Le3)**

This course engages the topic of globalization from a specifically geographical perspective. In today's world, a small minority of people lead relatively affluent lives. For the majority, however, life is a constant struggle for survival. At the same time, the statement that we live in one world has probably never been truer. The struggle of the many is related very strongly to the comfort of the few. This course will examine the impact of globalization on different types of economies and the political, social, cultural, and environmental change that people experience in an interconnected "one world".

**PREREQUISITES:** GEOG-1103(3) or permission of instructor.

### **GEOG-2412(3) A GEOGRAPHICAL PERSPECTIVE ON TOURISM (Le3)**

Tourism is the world's most rapidly growing industry. It is now essential to the Canadian economy, and is the mainstay of many other national economies. This course provides a broad overview of the world tourism industry that includes a geo-historical perspective on the origins, evolution, and growth of tourism, the structure of the tourism industry, tourism market segments, destinations and demands, and the impacts of tourism on both tourists themselves and their host communities. Concepts of capacity and sustainable tourism are addressed. Some attention is given to local, regional, and Canadian development strategies and special topics in tourism.

**PREREQUISITES:** GEOG-1102(3) or GEOG-1103(3) or permission of instructor.

**GEOG-2414(3) THE URBAN ENVIRONMENT (Le3)** Cities are artificial environments. They absorb vast quantities of



resources from surrounding areas and create great volumes of waste. They can also have a tremendous effect on their surrounding hinterland. Their "ecological footprint" is significant. This course examines the structure and activities of cities and the resulting effects on the environment. Approaches to developing more sustainable and environmentally sensitive cities are discussed.

**PREREQUISITES:** GEOG-1103(3) or GEOG-2415(3) or permission of instructor.

**GEOG-2415(3) AN INTRODUCTION TO URBAN DEVELOPMENT (Le3)** This course will examine the origins and evolution of cities, urban design, morphologic and townscape elements, and the economy and structure of urban systems.

**GEOG-2416(3) SEX, GENDER, SPACE & PLACE (Le3)**

This course examines, from interdisciplinary perspectives, relationships among sex, gender, space and place in social-ecological systems. It specifically examines how sex, gender, race, ethnicity, class, sexuality, and other aspects of identity affect the transformation of space into place in social-ecological systems. Drawing on perspectives from environmental studies, geography and women's studies, selected relevant topics considered may include environmental justice, ecofeminism, the cultural politics and political geography of sex and sexual identities, the gendering and sexing of city landscapes, architecture and natural areas, notions of public and private space, and the space/place in the socio-cultural construction of femininities and masculinities.

**PREREQUISITES:** GEOG-1102(3) AND GEOG-1103(3), or ENV-1600(3), WGS-1232(6) or permission of instructor.

**GEOG-2417(3) AN INTRODUCTION TO ECONOMIC GEOGRAPHY (Le3)**

This course is designed to introduce the student to the basic principles of economic geography. The course is divided into two main topic areas. The first is an introduction to location theory, and the second introduces regional economic development. In essence, location theory attempts to determine why economic activities are located where they are or why they should be located in one place as opposed to another. It looks at all types of economic activity, including agriculture, manufacturing, and retail. The second topic, examining economic development and trade, seeks to explain why some regions prosper while others do not. It also examines strategies that will enable a region to enhance its economic development potential and explains patterns of trade.

**PREREQUISITES:** GEOG-1103(3) or permission of instructor.

**RESTRICTIONS:** Students with standing in GEOG-2409(6) may not receive credit for GEOG-2417(3).

**GEOG-2503(3) MANITOBA'S PHYSICAL AND HUMAN ENVIRONMENTS (Le3)**

The main physical features of Manitoba are examined first. The second part of the course deals with rural settlement, beginning with the Red River Settlement and proceeding to the main homesteading period from 1870 to 1930. In the third part of the course, emphasis is given to economic development in Northern Manitoba, flood control works in the Red River Valley, and aspects of Winnipeg's growth, relative decline, and ethnic mix.

**PREREQUISITES:** A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-2500(6) may not receive credit for GEOG-2503(3).

**GEOG-3204(3) CLIMATE CHANGE AND VARIABILITY (Le3)**

The causes and characteristics of regional and global climate change and variability will be examined, as will be the methods of reconstructing climate histories. Emphasis will be placed on the North American experience. Topics

will include atmosphere teleconnections (e.g., El Niño and La Niña), global warming, and climate forecasting.

**PREREQUISITES:** GEOG-2207(3) or permission of the instructor.

**GEOG-3210(3) HYDROLOGY (Le3)** This course examines all major components (precipitation, evaporation, streamflow, groundwater) of the hydrologic cycle with the most attention being given to surface hydrology. The emphasis throughout the course will be placed upon the methods by which each component may be measured or estimated. Additional topics to be covered include the causes and consequences of floods, flood frequency analysis, estimation of peak streamflows, snow hydrology, sediment transport, water balance methods, and urban hydrology. Weekly assignments will provide experience in the practical aspects of data treatment, measurement techniques, and methods of prediction. This course will be offered in alternate years.

**PREREQUISITES:** GEOG-1201(3) and GEOG-1202(3), or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both GEOG-3210(3) and the former GEOG-4221(3).

**GEOG-3215(3) BIOGEOGRAPHY (Le3,La2)** This course first addresses the history of biogeography and the contemporary views on both species diversity and biodiversity. This is followed by an examination of the role of plate tectonics in helping account for contemporary floral and faunal realms, a review of MacArthur and Wilson's "equilibrium theory of island biogeography", and a consideration of how species colonize isolated locations such as islands. Anthropogenic alterations of natural ecosystems are then reviewed in terms of nutrient cycling disruptions, and the course concludes with an examination of both natural and human induced vegetation cover changes during the Holocene Epoch. Laboratory sessions deal primarily with aspects of island biogeography, nutrient cycle modifications, and techniques used in reconstructing past vegetation covers.

**PREREQUISITES OR CONCURRENT:** the former GEOG-2203(6), or GEOG-2213(3) and GEOG-2214(3), or permission of instructor.

**GEOG-3216(3) ARCTIC ENVIRONMENTS (Le3)** The Arctic comprises about one-third of Canada but most 'southern' Canadians have little more than a passing knowledge of its character. This course is designed to improve our understanding of the physical environment, ecology, history, people, economy, and political development of a region which becomes less remote from the affairs of the nation each year.

**PREREQUISITES:** GEOG-1201(3) and GEOG-1202(3), or permission of instructor.

**GEOG-3217(3) TROPICAL ENVIRONMENTS (Le3)** This course will deal primarily with the physical geography, soil vegetation systems, and induced environmental problems found in the wet and dry tropics and subtropics. Specific topics will include the influence of tectonics on landscape, variations in climate, soil fertility, soil-vegetation interrelationships, and the consequences of over-exploitation of both physical and biological resources.

**PREREQUISITES:** GEOG-1201(3) and GEOG-1202(3).

**GEOG-3219(3) QUATERNARY ENVIRONMENTS (Le3)**

The Quaternary is a period of dramatic climatic changes. This course examines the consequences of Quaternary climatic fluctuations on the physical environment. Consideration will be given to some of the important evidence and techniques used to reconstruct Quaternary environments and chronology.

**PREREQUISITES:** Any second year physical geography course, or permission of instructor.

**GEOG-3302(3) PRINCIPLES OF GEOGRAPHIC INFORMATION SYSTEMS (Le3,La2)** This course provides a systematic overview of GIS methodology covering the essential principles of data acquisition, input, storage, manipulation, and output. Aspects of GIS including problem definition and project management will also be covered. The laboratory component of the course provides hands-on experience with the use of one or more state-of-the-art GIS software packages.

**PREREQUISITES:** GEOG-2304(3) or permission of instructor.

**GEOG-3316(3) AERIAL PHOTOGRAPHY (Le2,La3)** This course covers the use of the more common products of remote sensing, particularly vertical aerial photographs for description, analysis, and planning of the geographical environment. The application of aerial photographs is described in general in the context of cultural and physical planning.

**PREREQUISITES:** GEOG-2316(3) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both GEOG-3316(3) and the former GEOG-2303(3).

**GEOG-3318(3) DIGITAL IMAGE ANALYSIS (Le3,La2)**

This course deals with retrieving Landsat data from the mainframe to the microcomputer. It covers image data restoration, image data enhancement, and image data classification.

**PREREQUISITES:** GEOG-2316(3) or GEOG-3304(3).

**RESTRICTIONS:** Students may not receive credit for both GEOG-3318(3) and the former GEOG-4304(3).

**GEOG-3401(3) POPULATION GEOGRAPHY (Le3)**

This course examines the history of the growth of the world's population and the present-day crises inherent in both the numbers and distribution of the global totals. Special attention is paid to the problems of defining such terms as "over-population", and to the lack of correlation between population, resources, and technology.

**PREREQUISITES:** GEOG-1103(3) or permission of instructor.

**GEOG-3408(3) WATER RESOURCES (Le3)** The following are just some of the topics developed: the Columbia River Treaty, the Churchill Diversion, is Canada's water for sale? In predicting future Canadian needs for water, the relative merits of direct and indirect methods of forecasting are assessed. Analytical techniques such as economic base, input-output, and cost-benefit are fully developed.

**PREREQUISITES:** GEOG-1102(3) or permission of instructor.

**GEOG-3411(3) HERITAGE CONSERVATION AND**

**TOURISM (Le3)** Tourism is the world's largest growth industry, with cultural tourism being its most rapidly growing sector. Cultural tourism is highly dependent on the development, interpretation, and marketing of a region's heritage resources (i.e., its folk arts, historic sites, architecture and rural land urban landscapes). This course examines the nature of heritage resources and reviews the processes of their identification and the strategies for their development. Preservation, interpretation and management techniques and their relationship to the needs of the tourist industry will be discussed. The emphasis of the course will be on the problems of heritage resource development in North America, particularly in western Canada.

**PREREQUISITES:** GEOG-1102(3) and GEOG-1103(3) or the former GEOG-1101(6), or the former GEOG-2500(6) or the former GEOG-2403(3), or permission of instructor.

**GEOG-3413(3) URBAN REVITALIZATION: REBUILDING**

**OF DECAYING CITIES (Le3)** Issues surrounding growth and development have been replaced by concerns about decline and revitalization in many North American and European cities. This course will focus on urban decline and revitalization efforts. Theories of decline and the

demographic, economic, and physical changes that occur in declining city neighbourhoods will be discussed. The course will then explore revitalization efforts, drawing extensively on case study material from selected cities as well as field and project work within Winnipeg. Broad approaches to revitalization, revitalizing the commercial sector, attracting people back to the inner city, leadership and the role of partnerships, rejuvenating older, greying suburban neighbourhoods, and planning for long term sustainability will be among the topics discussed.

**PREREQUISITES:** GEOG-2415(3) or permission of instructor.

**GEOG-3508(3) GEOGRAPHICAL ISSUES IN THE**

**DEVELOPING WORLD (Le3)** Focusing on Asian, African, and Latin American countries, this course concentrates on development theories and issues. The course content includes discussion of the historical, political, socio-economic, cultural, and demographic factors important to the development equation and illustrates how these factors vary from region to region. Special attention is paid to newsworthy and unfolding issues of the day in the developing areas of the world.

**PREREQUISITES:** GEOG-1102(3) or GEOG-1103(3) or permission of the instructor.

**GEOG-3509(3) CANADA'S PHYSICAL AND HUMAN**

**ENVIRONMENTS (Le3)** Canada's main regions are examined, with an emphasis on how the physical and human environments of each region have interacted to give it a unique character.

**PREREQUISITES:** A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-3501(6) may not receive credit for GEOG-3509(3).

**GEOG-3510(3) PRAIRIE LANDSCAPES (Le3)**

The Canadian Prairies are recognized as a main geographical region of Canada. This course focuses on the making of the human landscape of the region, although geological structure, climate, natural vegetation, and other physical features are included. The roles of Aboriginal Peoples and European and other immigrants in creating human landscapes are examined.

**GEOG-4203(3) TOPICS IN CLIMATOLOGY (S3)** This seminar course requires students to complete climate-related research projects, either individually or as a group. Research topics will vary to suit the interests of both the Instructor and the students.

**PREREQUISITES:** the former GEOG-2205(6) or the former GEOG-2206(3), or GEOG-2207(3), or permission of instructor.

**GEOG-4212(3) TOPICS IN EARTH SCIENCES (S3)** The course examines current and historically significant concepts in fluvial and glacial geomorphology, geology, and related earth sciences, particularly those which produced lasting shifts in the way earth science phenomena are interpreted. Among the broad subject areas which are discussed are concepts in landscape evolution, the characteristics, patterns and metamorphosis of river channels, glacial spillways on the Prairies, catastrophic drainage of ice sheets, patterns of glacial erosion, geomorphic thresholds, plate tectonics theory, and asteroid impact and the Geologic Time Scale.

**PRE-REQUISITES:** 6 credit hours from GEOG-2215(3), GEOG-2216(3), GEOG-2218(3), GEOG-2219(3), or the former GEOG-2201(6) or the former GEOG-2202(6).

**GEOG-4231(3) TOPICS IN BIOGEOGRAPHY (S3)** This course provides a synthesis of the geographical aspects in the development and concepts within biogeography and shows how descriptions or analysis of the delicate balances within the biosphere can be approached through the use of

ecological principles. Particular attention will be given to inadvertent modification of the biosphere.

**PREREQUISITES:** GEOG-3215(3), or GEOG-2213(3) and GEOG-2214(3) and permission of the instructor, or the former GEOG-2203(6) and permission of the instructor.

**GEOG-4232(3) CONSERVATION (S3)** Humans have affected, and are still affecting adversely the natural-biological resources such as water, soils, biota, and natural ecosystems. This seminar will examine such topics as sustainable development, biological diversity, soil erosion, agroforestry, forestry, and ecosystem destruction, in order to better understand both the problems and potential solutions. Public-governmental attitudes towards conservation of our biological resources also will be examined. (This course alternates with GEOG-4231(3).)

**PREREQUISITES:** GEOG-3215(3), or GEOG-2213(3) and GEOG-2214(3) and permission of the instructor, or the former GEOG-2203(6) and permission of the instructor.

**GEOG-4307(3) ADVANCED COMPUTER MAPPING (Le3,La2)** Topics introduced in Computer Mapping (GEOG-2304(3)) are expanded upon, and new topics are presented, through a series of seminars on selected areas of current cartographic research. Government agencies and businesses involved in map production are visited in order to examine methods and technology used in spatial data collection, handling and transfer. Lab work includes creating interactive hyper-linked maps and animated maps, showing spatial change over time. A significant component of this course is the completion of a substantial mapping project.

**PREREQUISITE:** GEOG-2304(3).

**GEOG-4308(3) ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (Le3,La3)** This course builds upon the topics and concepts presented in Principles of GIS (GEOG-3302(3)) by undertaking actual GIS projects solicited from a number of external organizations through a team approach. Practical aspects of GIS project management are introduced through this approach, including team building, the production of work plans and schedules, and the writing of progress reports and a final report. Final project results are presented in both an oral and written format.

**PREREQUISITE:** GEOG-3302(3) or permission of instructor.

**GEOG-4310(3) GEOGRAPHIC INFORMATION MODELLING (Le3,La3)** This course deals with spatial data input (vector and raster), data processing (function), and data modelling (artificial intelligence). Geographic data capture, storage, retrieval, and pictorial map displays will be examined. Microcomputer software packages that deal with the principles and interpretation of Geographic Information Systems will be examined in detail. The bulk of the data will be derived from aerial photography and Landsat imagery.

**PREREQUISITES:** GEOG-3302(3) or permission of instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-4210(3) may not receive credit for GEOG-4310(3).

**GEOG-4314(3) ADVANCED REMOTE SENSING (Le3,La2)** This course deals with the various applications of remote sensing imagery such as compiling inventory, monitoring and management of the various physical and human resources, and studying the environment which affects these resources.

**PREREQUISITES:** GEOG-2316(3) or GEOG-3304(3), and GEOG-3302(3), or permission of instructor.

**RESTRICTIONS:** Students with standing in the former GEOG-3314(3) may not receive credit for GEOG-4314(3).

**GEOG-4403(3) URBAN LAND USE DEVELOPMENTAL PROCESSES (S3)** An investigation of the processes by which urban development occurs and a critical appraisal of resultant urban forms. Some consideration will be given to

the evaluation of relevant theory and to the nature and effect of planning controls on urban form. This course alternates with GEOG-4404(3).

**PREREQUISITES:** GEOG-2414(3) or GEOG-2415(3) or the former GEOG-2404(6).

**GEOG-4404(3) FIELD RESEARCH IN URBAN GEOGRAPHY (S3)** This course investigates, examines and appraises the major varieties of primary and secondary materials available for the study of urban areas. Particular emphasis will be placed on the acquisition and evaluation of local material, and the course will therefore call for students to be engaged in field research. (This course alternates with GEOG-4403(3).)

**PREREQUISITES:** GEOG-2414(3) or GEOG-2415(3) or the former GEOG-2404(6).

**GEOG-4407(3) ADVANCED TOURISM AND RECREATION GEOGRAPHY (S3)** This seminar course is based on a selection of advanced readings on topics and problems dealing with recreational and tourism behaviour, the supply and demand for different types of recreational space and tourism facilities, and issues of sustainability. A research project may be required of each student.

**PREREQUISITES:** GEOG-2407(3) or GEOG-3411(3) or GEOG-2412(3).

**GEOG-4441(3) ADVANCED STUDIES IN ENVIRONMENTAL PERCEPTION (S3)** This course will consist of seminars examining selected topics relating to perceptions of physical and cultural environments. It will review and evaluate methods employed by geographers in the field of environmental perception. Whenever possible, students will be encouraged to apply these methods to local problems in natural hazards, mental mapping, and landscape aesthetics. This course will be of interest to students with an orientation to either physical or cultural geography.

**PREREQUISITE:** GEOG-2408(3).

**GEOG-4701(3) DIRECTED READINGS IN HUMAN GEOGRAPHY (P)** This course exposes students to contemporary and topical issues of human geography through authoritative readings compiled by the instructor. The student is required to produce a short dissertation.

**PREREQUISITE:** Permission of the Department Chair.

**GEOG-4702(3) DIRECTED READINGS IN PHYSICAL GEOGRAPHY (P)** This course exposes students to contemporary and topical issues of physical geography through authoritative readings compiled by the instructor. The student is required to produce a short dissertation.

**PREREQUISITE:** Permission of the Department Chair.

**GEOG-4801(3) PHYSICAL GEOGRAPHY FIELD SEMINAR (P)** This course deals with the practical methodologies and problems in field research. Students will be introduced to the necessary skills required for field research. Areas of investigation will depend on the Instructor(s) involved. This course involves: one (1) week of field work at an off-campus venue; six (6) three-hour seminars during the fall academic term; laboratory time as required.

**PREREQUISITES:** the former GEOG-2201(6), or GEOG-2218(3) and GEOG-2219(3), and the former GEOG-2203(6) and permission of instructor. Additional courses in Physical and Techniques Geography (in consultation with the instructor) are recommended.

**GEOG-4901(6) HONOURS GEOGRAPHY THESIS (P)** The Honours thesis provides the student with the opportunity to design and complete an original research project on a subject of interest and relevant to the discipline. In addition to completing the project, students in this course are expected to participate in a series of

meetings throughout the academic year and make an oral presentation of the results of their research in April.  
**PREREQUISITES:** GEOG-2309(3) (Statistical Techniques), 36 credit hours completed in Geography, Geography GPA of 3.0, and permission of Chair.

# GERMAN-CANADIAN STUDIES (GCS)

**Note: The department/program codes HIST and GERM replace the former codes 29 and 26 respectively. Students cannot hold credit in HIST-xxxx and the former 29.xxxx or GERM-xxxx and the former 26.xxxx having the same course number (e.g., HIST-1010(6) and 29.1010(6)).**

**Chair:** Associate Professor A. Freund

The establishment of the Chair in German-Canadian Studies was made possible through the generous gifts of the Ernst Hansch, Martin Bergen, Rubin and Christel Spletzer families and Ernie Keller, and the Federal Department of the Secretary of State.

## INTRODUCTION

The Chair in German-Canadian Studies was established to give students an opportunity to study the history and culture of German-speaking immigrants and their descendants in Canada and around the world. As an interdisciplinary program, German-Canadian Studies encompass approaches from all the disciplines in the humanities and social sciences, but has been influenced particularly by History and Literature. In the courses and seminars students seek to understand the worldwide migrations from German-speaking Europe and the multiple migrations of German-speakers from all over the world to Canada. One major focus is the study of German immigrants' various forms of acculturation and identity-formation in Canada.

Course offerings are listed within the Department of History and some are cross-listed with German Studies. Credit can be obtained towards the Major programs of both the History and German Studies Departments.

Students will find courses in German-Canadian Studies a useful and informative addition to a liberal arts education. While the Program itself is not aimed at any particular vocational preparation, the background it provides will be especially relevant to students interested in the complexities of migration, immigration, and multiculturalism as well as to students of a German ethnic background. The courses also prepare students who intend to write MA theses and PhD dissertations in German-Canadian Studies. Students may choose some area of German-Canadian Studies to pursue further scholarly work in such disciplines as German Studies, History, and Sociology.

## COURSE LISTINGS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

HIST-1010(6)	Canadian Immigration and Settlement
HIST/GERM-2331(3)	History of Modern Germany
HIST-3130(3)	History of International Migration: The German Experience
HIST-3560(6)	The German-Canadian Presence in Canadian History
HIST-3561(3)	German-Canadian Identity—Historical Perspectives
HIST-4560(6)	Topics in the German-Canadian Presence in Canadian History

## COURSE DESCRIPTIONS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

**HIST-1010(6) CANADIAN IMMIGRATION AND SETTLEMENT (Le3)** This section traces the development of modern Canada through immigration. We will examine the provincial and federal policies that determine the immigration and settlement process and explore the social, economic, cultural, and international factors that shaped the experiences of immigrants.

**HIST-2331(3) HISTORY OF MODERN GERMANY (Le3)** – This survey of political, economic, social, and cultural developments in Germany from the Holy Roman Empire to the Berlin Republic focuses on developments after the Congress of Vienna (1815), including the 1848 Revolution, Bismarck and German unification 1871, Wilhelmine Germany and imperialism, World War One, the Weimar Republic, Hitler and National Socialism, World War Two and the Holocaust, the two Germanies in the Cold War, and reunification in 189/90. Major historiographical controversies and methods of interpreting and analyzing German history are examined through lectures, explication of primary sources and critical reading of secondary sources, group and class discussions, and films.

**CROSS-LISTED:** German Studies GERM-2331(3).

**HIST-3130(3) HISTORY OF INTERNATIONAL MIGRATION: THE GERMAN EXPERIENCE (Le,S3)** This course offers a survey of historical and current migration patterns, using the example of German-speaking migrants from the 18th to the 20th century. Students will explore migration processes, different types of migration, and the resulting cross-cultural encounters as well as

the interaction of states and minorities. The lecture/seminar course will study Germany as a country of emigration and immigration, and discuss the existence of a German diaspora. A knowledge of German is not required.

**HIST-3560(6) THE GERMAN-CANADIAN PRESENCE IN CANADIAN HISTORY (Le,S3)** This lecture/seminar course will focus upon the European origins of German-speaking immigrants to Canada, their settlement patterns, and their social, political, and economic roles. In addition, the course will examine both the effects of international events upon the German-speaking population and their place in the Canadian cultural mosaic. Please see the Department for a specific course description. A knowledge of German is not required.

**HIST-3561(3) GERMAN-CANADIAN IDENTITY - HISTORICAL PERSPECTIVES (Le,S3)** This lecture/seminar course will explore questions of ethnic identity, using the example of German Canadians. While students will develop their individual research projects related to the broader issue of ethnicity, class discussion will focus on the historical presence of German speakers in Canada, their settlement patterns, their relationship to political culture and the Canadian state, and perceptions and self-images of German Canadians. A knowledge of German is not required.

**RESTRICTIONS:** Students with standing in the former HIST-3560(6) may not receive credit for HIST-3561(3).

**HIST-4560(6) TOPICS IN THE GERMAN-CANADIAN PRESENCE IN CANADIAN HISTORY (S3)** In this course, students will undertake research on a variety of specialized subjects relating to the political, social, and economic experiences of German speaking immigrants to Canada. In addition, students may also examine cultural and literary topics. While students will find at least a rudimentary knowledge of German useful, it is not a requirement for the course. Please see the Department for a specific course description.

# GERMAN STUDIES (GERM)

**Note: The department/program code GERM replaces the former code 26. Students cannot hold credit in GERM-xxxx and the former 26.xxxx having the same course number (e.g., GERM-1201(6) and 26.1201(6)).**

**Chair: Glenn Moulaison;** Associate Professor and Coordinator for German Studies: L. Dietrick.

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

## INTRODUCTION

The modern German language was born in the 16<sup>th</sup> century when two groups of dialects known as Frankish and Alemannic merged into a single language. As a result of the wide circulation of Martin Luther's German translation of the Bible (1534), the new language quickly grew in influence and prestige.

First taught as a language of culture, German was the mother tongue of many brilliant writers such as Goethe, Schiller, Kafka, Thomas Mann, Bertolt Brecht and Günter Grass and many well-known composers such as Bach, Mozart, Beethoven, Schumann, Wagner and Mahler. From the 18<sup>th</sup> century onwards, German has been at the forefront of intellectual inquiry, German-speaking intellectuals having shaped the Humanities with philosophers such as Kant, Hegel, Nietzsche and Heidegger, political thinkers such as Marx, Engels, Nietzsche and Hannah Arendt, psychoanalysts such as Freud and Jung and philologists (linguists) such as Humboldt, Schlegel, Schleicher and Grimm.

German is key to understanding the complexities of 20<sup>th</sup> century European history, culture and identity, given Germany's role in World Wars I and II, the Holocaust, the Cold War, the collapse of communism in Eastern Europe and the evolution of the European Union (EU) following the reunification of East and West Germany. Now spoken by over 100 million people in Germany, Austria and Switzerland, German has more native speakers than any other European language and is second only to English as the language of business within the European Union.

Here in Canada, German occupies an important place in Manitoba's linguistic and cultural mosaic due to multiple migrations of German-speakers from around the world. Not surprisingly, the University of Winnipeg boasts a **Chair in German-Canadian Studies** and a **Chair in Mennonite Studies**, established to promote the study of the history and culture of German-speaking immigrants.

Acquiring a second language will enrich your life and open up many career opportunities. Whether your goals include visiting the castles and beer gardens of Europe, enjoying a performance of Mozart's *Magic Flute* in the original, watching a film by Wim Wenders, rediscovering your heritage, reading the works of Wittgenstein, delving into the legacy of the Cold War, analysing Freud or embarking on an international career in business, commerce or finance, learning German is a definite asset. But if you plan to continue on to graduate studies in the Humanities, learning German is a must! Given the prominence of the German tradition of research in the Humanities, German is one of the **required** languages for many PhD programs.

In the department of **Modern Languages and Literatures**, we offer the 3 or 4-year BA (Major or Combined Major) in German Studies with challenging courses where you will discuss topics of current interest, reflect on problems of the modern world, explore the culture of Germany, Austria and Switzerland and read short literary texts dealing with the social and political issues of our time. As you develop your command of oral and written German, you will also develop the cultural understanding that is needed in the global community.

Each year, UW students have the opportunity to take part in our exchange program with the University of Bamberg in Germany. If you are interested, contact the German Studies coordinator for further information.

## REQUIREMENTS FOR A 3-YEAR BA IN GERMAN STUDIES

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/ Maximum 48 credit hours.  
Double Major: Minimum 30 credit hours in German Studies and specified number of credit hours in the other Major subject or program.

Required courses:

**GERM-2109(3)** Normative Grammar  
Minimum of 6 credit hours in German Studies at the 3000 level

Combined Major: Minimum 48 credit hours from two (2) different Major subjects with not less than 18 credit hours from each Major subject.  
Required Courses:  
**GERM-2109(3)** Normative Grammar

## REQUIREMENTS FOR A 4-YEAR BA IN GERMAN STUDIES

**ADMISSION REQUIREMENT** Students must consult with the Department Advisor in planning their studies. Students must have completed at least 30 credit hours in German Studies.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours  
Science: 6 credit hours  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 48 credit hours/Maximum 66 credit hours.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Required courses:  
**GERM-2109(3)** Normative Grammar  
Minimum of 12 credit hours in German Studies at the 3000 level

Combined Major: Minimum 60 credit hours from two (2) different Major subjects with not less than 24 credit hours from each Major subject.  
Required Courses:  
**GERM-2109(3)** Normative Grammar  
Minimum of 3 credit hours in German Studies at the 3000 level

## COURSE LISTINGS

Students are advised to consult the appropriate Timetable available from the Records Office for courses available during the current term.

**Note:** All German Studies courses may be used to fulfill the Humanities Requirement.

**Note:** All students registering for their first German Studies course must consult a department advisor.

**Note:** GERM-2101(3), GERM-2102(3), GERM-2303(3), and GERM-2906(3) are given in English. GERM-1001(6) and GERM-2001(6) are given in German as much as possible. All other courses are given in German.

### Language and Linguistics Courses

GERM-1001(6) Introductory German  
GERM-2001(6) Intermediate German  
GERM-2109(3) Normative Grammar  
GERM-2110(3) Intermediate Written Expression  
GERM-2114(3) English-German Translation  
GERM-2115(3) German-English Translation  
GERM-2202(3) German Phonetics  
GERM-3401(3) Business German  
GERM-3403(3) German Lexicology  
GERM-3404(3) History of the German Language

### Culture and Literature Courses

GERM-3101(3) Studies in German Culture I  
GERM-3102(3) Studies in German Culture II  
GERM-2209(3) Introduction to German Literature  
GERM-2386(3) Contemporary German Cinema  
GERM-3113(3) Exploring Language and Society through Texts  
GERM-3906(3) Studies in German Literature



## Courses in German Cultural History in English

### (Cross-listed with History)

GERM-2101(3) Studies in German Culture I

GERM-2102(3) Studies in German Culture II

GERM-2303(3) The Child in Europe

## COURSE DESCRIPTIONS

**GERM-1001(6) INTRODUCTORY GERMAN (Le3,La1)** This course is designed for students who have no previous knowledge of German and who wish to acquire a command of the written and spoken language. Its main aim is to provide a solid base in vocabulary, grammar, and pronunciation. Conversation and computer laboratories will supplement the course in order to give the student additional practice in the practical applications of the language.

**RESTRICTIONS:** Students who have AP German Language, the International Baccalaureate in German, or the *Deutsches Sprachdiplom 2* or who have received a year or more of their secondary school education in a German-speaking environment or who have standing in the former GERM-1201 may not receive credit for this course.

**GERM-2001(6) INTERMEDIATE GERMAN (Le3,La1)** The aim of this course is to enable students to increase their proficiency in the following skills: writing, reading, aural comprehension, and oral expression. Class time is devoted to the systematic review of grammar essentials, discussion of short literary texts and non-fiction on topics of current interest, written compositions and practice in the spoken language. Additional practice is undertaken during a one-hour session of small-group work each week.

**PREREQUISITES:** GERM-1001 or GERM-1201

**RESTRICTIONS:** Students who have AP German Language, the International Baccalaureate in German, or the *Deutsches Sprachdiplom 2* or who have received a year or more of their secondary school education in a German-speaking environment may not receive credit for this course.

### **GERM-2101(3) STUDIES IN GERMAN CULTURE I**

#### **GERM-3101(3) STUDIES IN GERMAN CULTURE I (Le3)**

This course offers a broad survey of cultural developments in German-speaking Europe from the Middle Ages to the Romantic period at the beginning of the 19<sup>th</sup> century. Slides, films, and audio recordings help to present developments in art, architecture, music, and the social/political background, while writings by authors such as Luther, Grimmelshausen, Kant, Lessing, and Goethe allow for discussion of themes and issues in the context of their times.

**PREREQUISITES:** For GERM-2101, none. For GERM-3101, GERM-2209 and any 3 credit hours in 2000-level German Studies courses

**RESTRICTIONS:** Students may not receive credit for both GERM-2101 and GERM-3101.

**CROSS-LISTED:** History HIST-2323.

### **GERM-2102(3) STUDIES IN GERMAN CULTURE II**

#### **GERM-3102(3) STUDIES IN GERMAN CULTURE II (Le3)**

This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19<sup>th</sup> century to the present. Slides, films, and audio recordings help to present developments in art, architecture, music, and the social/political background, while writings by authors such as E. T. A. Hoffmann, Marx, Freud, Kafka, Brecht and Christa Wolf allow for discussion of themes and issues in the context of their times.

**PREREQUISITES:** For GERM-2102, none. For GERM-3102, GERM-2209 and any 3 credit hours in 2000-level German Studies courses.

**RESTRICTIONS:** Students may not receive credit for both

GERM-2102 and GERM-3102.

**CROSS-LISTED:** History HIST-2324.

**GERM-2109(3) NORMATIVE GRAMMAR (Le3,La1)** This course offers an intensive study of selected grammatical topics and a thorough study of syntax. Grammatical topics include the use of gender, number, and case markers; verb tenses and moods; and prepositions. The study of syntax focuses on subordinate clauses. Course work includes regular written and oral exercises and a lab component.

**PREREQUISITES:** GERM-2001 or GERM-2201, AP German Language, the International Baccalaureate in German, or the *Deutsches Sprachdiplom 2*.

### **GERM-2110(3) INTERMEDIATE WRITTEN EXPRESSION**

**(Le3,La1)** This course is designed primarily to improve students' written expression in German; oral expression also receives attention. Students are introduced to the major aspects of the writing process, specific writing techniques (description, narration and argumentation), and grammatical style and editing. Model texts are presented and assignments focus on selected prose genres (e.g. composition, correspondence, summary). Individual work and small group activities consist of writing sentences, paragraphs, and compositions. One hour per week is devoted to the oral expression component (e.g. presentations, debates, round-table discussions).

**PREREQUISITES:** GERM-2109(3).

### **GERM-2114(3) ENGLISH-GERMAN TRANSLATION (Le3)**

This course in translation from English to German serves a dual purpose: to give students an opportunity to expand their German vocabulary and grammatical skills and to introduce them to specific written styles in the target language (German). A number of recurring semantic, grammatical, and syntactic features of German are studied through shorter translation exercises and through the translation of longer documents, e.g. newspaper articles, business letters, advertisements.

**PREREQUISITES:** GERM-2109(3).

### **GERM-2115(3) GERMAN-ENGLISH TRANSLATION (Le3)**

Taught in German, this course introduces the principles of written translation from German into English. Practical exercises focus on translation difficulties relating to English vocabulary, grammar, and style. Students translate short authentic German-language texts from a variety of sources including newspapers, magazines, and literature.

**PREREQUISITES:** GERM-2109(3).

### **GERM-2202(3) GERMAN PHONETICS (Le3)**

This course presents the theory and practice of German phonetics and phonology, its practical applications (e.g. the use of pronunciation dictionaries), and its material realizations in standard German. The theory covered includes the physiology of speech, the International Phonetic Alphabet as it relates to German, and phonetic transcription. Emphasis is placed on orthoepy (the relationship between pronunciation and orthography) and on correcting the student's oral performance in German.

**PREREQUISITES:** GERM-2109(3).

**GERM-2209(3) INTRODUCTION TO GERMAN LITERATURE**

**(Le3)** This survey of representative poems, short stories, and dramatic texts introduces students to significant authors of German literature since the 18<sup>th</sup> century such as Schiller, Goethe, Rilke, Kafka, Frisch, and Bachmann. It also introduces them to the study of literature: how to read, discuss, and interpret literary texts.

**PREREQUISITES:** GERM-2001(6) or the former GERM-2201(6), AP German Language, the International Baccalaureate in German, or the *Deutsches Sprachdiplom 2*.

**RESTRICTIONS:** Students may not receive credit for both GERM-2209 and the former GERM-2207.

**GERM-2303(3) THE CHILD IN EUROPE (Le3)** Lectures and discussions examine from several disciplinary perspectives conceptions of the child and of childhood in Europe from ancient times to the present. With contributions from such fields as Art History, Classics, English, French, German, History, and Women's Studies, the course explores Europeans' definitions of children and childhood and their understandings of children in relation to the family, society, class, gender, religion, and work. We examine typical images of childhood in European literature and art, the connections between these images and actual practices, and the continuing impact of these ideas and practices.

**CROSS-LISTED:** History HIST-2303(3).

**GERM-2906(3) STUDIES IN GERMAN LITERATURE****GERM-3906(3) STUDIES IN GERMAN LITERATURE (Le3)**

This course focuses on selected German literary texts from about 1770 to the present. The course may include Goethe, Schiller, and the German Romantics; Realists such as Ebner-Eschenbach and Fontane; classic Modernists such as Kafka, Mann and Brecht; or postwar and contemporary writers such as Bachmann, Grass, Wolf, Schlink, and Özdamar.

**PREREQUISITES:** GERM-2209(3) and any 3 credit hours in 2000-level German Studies courses.

**RESTRICTIONS:** Students may not receive credit for both GERM-2906 and GERM-3906.

**GERM-2386(3) CONTEMPORARY GERMAN CINEMA (Le3)**

This course traces the evolution of German cinema in the former East and West Germany from the postwar period through the post-unification period to the present. The development of German cinema is explored through the critical analysis of representative films by directors such as Werner Herzog, Wim Wenders, and Florian Henckel von Donnersmarck. Attention is paid to the sociocultural and political context of the films. Students acquire the terminology and tools of analysis specific to film studies while being exposed to the social realities of contemporary Germany (e.g. issues of national identity, the burden of the past, youth culture).

**PREREQUISITES:** GERM-2001(6) or the former GERM-2201(6), AP German Language, the International Baccalaureate in German, or the *Deutsches Sprachdiplom 2*.

**GERM-3113(3) EXPLORING LANGUAGE AND SOCIETY THROUGH TEXTS (Le3)**

This course examines current events, social issues, and artistic and intellectual trends in the contemporary German-speaking world through the analysis

and discussion of media sources including the Internet, television, and the press. The course offers extensive reading practice and is designed for students who wish to develop a high level of oral and written proficiency in German. Emphasis is placed on the acquisition of specialized vocabulary. Course work includes written compositions, oral presentations, debates, and round-table discussions.

**PREREQUISITES:** GERM-2109(3) and any 3 credit hours in 2000-level German Studies courses.

**GERM-3401(3) BUSINESS GERMAN (Le3)**

This course teaches students to communicate effectively in business situations. Course materials include situational texts reflecting business activities and covering a range of topics such as trade, telecommunications, computer technology, financial institutions, marketing, and advertising. The course is designed to expand language skills already acquired as well as to present the specialized vocabulary used in the business environment. It includes extensive exercises in vocabulary, comprehension, business writing, and correspondence.

**PREREQUISITES:** GERM-2109(3) and any 3 credit hours in 2000-level German Studies courses.

**GERM-3403(3) GERMAN LEXICOLOGY (Le3)**

This course focuses on the German lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g. acronyms, derivatives), to identify their basic components (e.g. prefixes, suffixes) and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.

**PREREQUISITES:** GERM-2109(3) and any 3 credit hours in 2000-level German Studies courses.

**GERM-3404(3) HISTORY OF THE GERMAN LANGUAGE**

**(Le3)** This course traces the development of the German language from early Germanic to the present. It examines both the internal evolution of the German language (its phonetics, phonology, morphology, syntax, semantics and pragmatics) and the sociocultural and historical factors that influenced its development. Various linguistic documents illustrating the distinct features of German in different eras are studied.

**PREREQUISITES:** GERM-2109(3) and any 3 credit hours in 2000-level German Studies courses.

**GERM-3910(3) SPECIAL TOPICS IN GERMAN STUDIES**

**(T)** In this tutorial, students explore a topic in German literature or linguistics under the direction of a professor. This course may be repeated for credit when the topic varies.

**PREREQUISITES:** 12 credit hours in 2000-level German Studies courses including GERM-2109(3) or GERM-2209(3), and permission of instructor.

# HISTORY (HIST)

Updated Aug. 26/09

**Note: The department/program code HIST replaces the former code 29. Students cannot hold credit in HIST-xxxx and the former 29.xxxx having the same course number (e.g., HIST-1010(6) and 29.1010(6)).**

**Chair: Professor G. Burbank;** Professors: J.S.H. Brown, G. Burbank, D.G. Burley, R.K. Loewen, A.R. McCormack, J.N. Reilly, D.R. Topper, Associate Professors: D. Abreu-Ferreira, A. Freund, J. Hanley, C Majzels. M. Meuwese; Assistant Professors: E. Alexander-Mudaliar, R. Bohr, A-L. Caudano, S. Keshavjee, M. McCallum, A. Seyhun, E. Sibanda, S. Wall, J. Yaremko and A. Zayarnyuk.

## DEGREES/PROGRAMS OFFERED

3-Year BA  
4-Year BA  
Honours BA

## INTRODUCTION

The study of History deals with the past— it interprets human affairs and institutions as they change in time. The University of Winnipeg's History Department offers courses which are designed to lead students, in stages, to an understanding of the historian's craft and of the historical process.

The History Department's program of studies is organized into four levels of study that provide a natural progression from generalized to specialized study in a chosen area of interest.

The 1000-level course is intended to introduce students to the discipline and the skills necessary for the study of history. Courses numbered 2000 are broad surveys and provide a general examination of the major themes in a number of different areas of study including world history, national histories, the history of science and the history of art. Courses at the 3000 level pursue, in more detail, one or more of the themes explored in the general surveys. Their purpose is to provide the student with deeper insight into the processes of historical thought, research and writing. They also promote small group discussion and permit the student to present his/her work orally to fellow students. Courses at the 4000 level are Honours seminars. In small groups, students examine the relevant literature on historical issues and present their own research to the seminar for discussion.

Most graduates with degrees in history find that the skills they have developed—critical analysis, writing reports, and small group discussion—serve them well in the worlds of government, business and law. Some history graduates pursue a career in teaching. Others find career opportunities in libraries, archives and museums.

## REQUIREMENTS FOR A 3-YEAR BA IN HISTORY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in History and specified number of credit hours in the other department/program.
Required courses:	6 credit hours at the 1000 level in History. 12 credit hours at the 2000 level in History (general interest). 12 credit hours at the 3000 level in History (special interest).
Distribution:	Minimum three (3) Areas of Study.
Combined Major:	Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject. In addition to 6 credit hours at the 1000 level in History, combined major students require a minimum of 6 credit hours at the 2000 level in History (general interest) and 6 credit hours at the 3000 level in History (special interest).

## REQUIREMENTS FOR A 4-YEAR BA IN HISTORY

<b>ADMISSION REQUIREMENT</b>	Students must have minimum 30 credit hours completed previously.
<b>GRADUATION REQUIREMENT</b>	120 credit hours

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours  
Science: 6 credit hours in Science  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours/Maximum 66 credit hours.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Cognates: Minimum of 18 credit hours/Maximum of 36 credit hours ancillary courses.  
Maximum total of cognate and major courses is 84 credit hours combined.  
Required courses: **HIST-1010(6)** An Introduction to History; **HIST-3001(6)** Practice and Philosophy of History.  
6 credit hours in Pre-Industrial Period (any area).  
6 credit hours in Canadian History (not the same course as Pre-Industrial Period selection) at the 2000 level or above.  
Distribution: Minimum six (6) credit hours from each of four (4) Areas of Study. One Area of Study must be carried through 2000 and 3000-level courses or above.

**Note:** For the requirement of 6 credit hours in the Pre-Industrial Period, in addition to courses with the "2" as the second digit, the following courses are acceptable:

All History/Classics cross-listed courses;  
**HIST-2108(3)/** Mennonite Studies I  
**MENN-2101(3)**  
**HIST-2323(3)/** Studies in German Culture I  
**GERM-2101(3)**  
**HIST-2503(3)** Survey History of Canada: The Colonial Era; 1500-1867  
**HIST-2910(3)** History of Medicine to 1700  
**HIST-3611(6)** Colonial America; 1492-1783  
**HIST-3801(6)** History of Medieval Art  
**HIST-3802(6)** History of Renaissance Art  
**HIST-3803(6)** Aspects of Seventeenth and Eighteenth Century Art  
**HIST-4601(6)** Colonial New England; 1620-1776

For the requirement of 6 credit hours in Canadian History at the 2000 level or above, in addition to courses with "5" as the second digit, the following courses are acceptable:

**HIST-2801(6)** History of Canadian Art  
**HIST-3807(6)** Topics in Twentieth Century Canadian Art  
**HIST-3814(3)** Aboriginal Arts  
**HIST-3821(3)** Topics in Twentieth-Century Canadian Art I (Issues)  
**HIST-3822(3)** Topics in Twentieth-Century Canadian Art II (Research Project)

Normally the requirements for the Major should be fulfilled with half of the History courses at the 3000 level or above. Students must consult with the Department Chair in planning their curriculum.

Combined Major: Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses:

**HIST-1010(6)** Introduction to History  
**6 credit hours** Group II in History  
**6 credit hours** Group III in History

## REQUIREMENTS FOR AN HONOURS BA IN HISTORY

### ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.  
Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.  
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.  
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).  
Students in the Honours program must have approval of the Department Chair.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject, including **HIST-1010(6)** An Introduction to History.  
12 credit hours at the 2000 or 3000 level in History.  
36 credit hours in upper level (3000 and 4000) courses, including **HIST-3001(6)** Practice and Philosophy of History and a minimum of 24 credit hours at the 4000 level.  
Distribution: Minimum four (4) Areas of Study.  
Double Honours: Minimum 36 credit hours in each Honours subject, including **HIST-1010(6)** An Introduction to History  
12 credit hours at the 2000 or upper level in History, including **HIST-3001(6)** Practice and Philosophy of History.  
18 credit hours minimum at the 4000 level in the History component of the Double Honours.  
For the requirements of the other Honours subject consult the department involved.  
Distribution: Minimum four (4) Areas of Study.

### Suggested Pattern of Study:

Single Honours:  
Year 1: **HIST-1010(6)** An Introduction to History  
Year 2: **HIST-3001(6)** Practice and Philosophy of History and 6 credit hours at either the 2000 or 3000 level in History.  
Year 3: 6 credit hours at the 3000 level in History, 12 credit hours at the 4000 level in History.  
Year 4: 6 credit hours at the 3000 level in History, 12 credit hours at the 4000 level in History.  
Double Honours:  
Year 1 **HIST-1010(6)** An Introduction to History.  
Year 2: **HIST-3001(6)** Practice and Philosophy of History and 6 credit hours at either the 2000 or upper level in History.  
Year 3: 12 credit hours at the 4000 level in History.  
Year 4: 6 credit hours at the 4000 level in History.

## GENERAL INFORMATION

### Prerequisites

Students who are not History Majors are welcome to select 1000-, 2000-, and 3000-level courses.

### Graduate Studies

The History Department also offers Graduate Study as part of a Joint Master's Program with the University of Manitoba. For details see *Graduate Studies* of this Calendar.

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses).  
Permission of the Department is required for each 4000-level course.

### Re-numbering of Courses

Since 1988, the Department has renumbered many courses. Students may not receive credit for a currently-listed course if they have already completed it under its former number.

The Department of History has organized its courses into areas of specialization. These divisions are provided as guidelines to the Areas of Study available for concentration. Areas of Study are identified by the second digit in the course number as follows:

- 0 Introductory
- 1 World History
- 2 Pre-Industrial Europe
- 3 Modern Europe
- 5 Canadian History
- 6 United States History
- 7 Africa and Asia
- 8 History of Art
- 9 History of Science

Students should consult the appropriate Timetable available from the Records Office for courses available during the current term.

## COURSE LISTINGS

### INTRODUCTORY COURSES

**Note:** Students who have taken History **HIST-1000(6)**, **HIST-1004(6)**, **HIST-1005(6)**, or **HIST-1401(6)** may not credit History **HIST-1010(6)** towards the History major. Only one 1000-level history course may be used as credit towards graduation.

HIST-1010(6) An Introduction to History  
HIST-1010(6) Art and Ideas

HIST-1010(6) Canadian Immigration and Settlement  
HIST-1010(6) Ancient and Modern Conflicts  
HIST-1010(6) Canada in the Contemporary World  
HIST-1010(6) Issues in the History of Women in Canada  
HIST-1010(6) Europe: Famous Issues and Controversies, Ancient to Modern  
HIST-1010(6) Canadian Social History: Conflict and Change  
HIST-1010(6) Main Themes in Recent Western Civilizations

HIST-1010(6) Modern Imperialism  
 HIST-1010(6) Aboriginal Peoples of the Americas  
 HIST-1010(6) Leaders and Followers in American History  
 HIST-1010(6) Europe in Conflict, 1789-1945  
 HIST-1010(6) Social and Political Ideas in European History  
 HIST-1010(6) Topics in Western Canadian History  
 HIST-1010(6) Women and Gender  
 HIST/MENN-1010(6) Mennonites and the Modern World  
 HIST-1010(6) Issues in Latin American History  
 HIST-1010(6) Science and Society  
 HIST-1010(6) World History  
 HIST-1010(6) Canadian Issues: Cartier to Chrétien  
 HIST-1010(6) Canadian Politics and Constitution  
 HIST-1010(6) Art and History  
 HIST-1010(6) Latin American Social History  
 HIST-1010(6) Islamic World  
 HIST-1010(6) Medieval World  
 HIST-1010(6) African Kingdom  
 HIST-1010(6) Spanish American Political Culture

## GROUP II

**CLASSICS:** One of the following courses--**HIST-2096(6), HIST-2104(6), or HIST-2105(6)**--cross-listed with the Classics Department will be accepted as a part of a History Major with credit being given in the world (1) area of specialization in History.

HIST/CLAS-2096(6) The History of Ancient Rome  
 HIST-2104(6)/ Ancient Greek History  
 CLAS-2091(6)  
 HIST-2105(6)/ Alexander the Great and the Hellenistic World  
 CLAS-2092(6)  
 HIST-2108(3)/ Mennonite Studies I  
 MENN-2101(3)  
 HIST-2109(3)/ Mennonite Studies II  
 MENN-2102(3)  
 HIST-2110(6) The Twentieth Century World  
 HIST-2112(6) War as a Social Institution  
 HIST-2113(6) A History of Slavery  
 HIST-2115(3) Modern Jewish History  
 HIST-2116(6) Survey History of Latin America  
 HIST-2117(3) History of Brazil  
 HIST-2120(3) The History of Modern Business Enterprise  
 HIST/IDS-2130(6) History of the Developing World  
 HIST/MENN-2131(3) History of Peace and Nonviolence  
 HIST-2170(6) Islam and the West  
 HIST-2211(3) Europe in the Middle Ages 300-1350  
 HIST-2212(3) Europe between the Medieval and Modern Worlds 1350-1650  
 HIST-2213(3) Women in Pre-Industrial Europe  
 HIST-2214(6) Europe in the Middle Ages  
 HIST-2215(3) History of the Byzantine Empire  
 HIST-2226(3) The History of Sexuality from Antiquity to the Middle Ages  
 HIST/GERM-2303(3) The Child in Europe  
 HIST-2313(6) Modern European Society  
 HIST-2316(6) History of Britain from 1485  
 HIST-2320(3) History of Poland and Ukraine  
 HIST-2323(3)/ Studies in German Culture I  
 GERM-2101(3)  
 HIST-2324(3)/ Studies in German Culture II  
 GERM-2102(3)  
 HIST-2325(3) Russia to 1917  
 HIST-2326(3) Russia since 1917  
 HIST-2327(3) The History of Sexuality from the Renaissance to the Present  
 HIST-2328(3) Anti-Semitism and the Holocaust  
 HIST-2329(3) Women in Modern Europe  
 HIST-2330(3) Europe since 1945  
 HIST/GERM-2331(3) History of Modern Germany  
 HIST-2500(6) History of Canada to 1939

HIST-2503(3) Survey History of Canada: The Colonial Era, 1500-1867  
 HIST-2504(3) Survey History of Canada: The National Era, 1867-1939  
 HIST-2505(3) Survey History of Canada: The Modern Era, 1939 to the Present  
 HIST-2506(3) History of the Canadian North  
 HIST-2509(6) History of the Aboriginal Peoples of Canada  
 HIST-2510(3) Aboriginal Peoples of Canada to 1815  
 HIST-2511(3) Aboriginal Peoples of Canada since 1815  
 HIST-2514(3) History of Canadian Education  
 HIST-2521(3) Canadians at Work: Technology, Production, and the Changing Workplace in the Twentieth Century  
 HIST-2600(6) History of the United States from 1607  
 HIST-2700(6) History of Africa  
 HIST-2701(6) A History of Asia since 1500  
 HIST-2703(3) South Asia since 1500  
 HIST-2704(3) History of East Asia since 1500  
 HIST-2800(6) History of European Art  
 HIST-2801(6) History of Canadian Art  
 HIST-2802(3)/ Art in Non-Christian Religions  
 REL-2901(3)  
 HIST-2900(6) History of Science  
 HIST-2901(6) History of Technology  
 HIST-2910(3) History of Medicine To 1700  
 HIST-2912(3) The History of Modern Medicine

## GROUP III

HIST-3001(6) Practice and Philosophy of History  
 HIST-3002(6) Tutorial  
 HIST-3005(6) Introduction to Oral History  
 HIST/MENN-3108(3) Gender and Mennonites  
 HIST/MENN-3110(3) Russia and the Mennonites  
 HIST/MENN-3111(3) Conflict and Mennonites  
 HIST-3112(6) Militarism in the Modern World  
 HIST-3113(6) Personalities and Modern Revolution  
 HIST/MENN-3114(3) Latin America and the Mennonites  
 HIST-3115(6) The History of Spanish American Political Culture  
 HIST/MENN-3116(3) Mennonites and World Issues  
 HIST-3117(6) Columbus to Castro, a History of Cuba 1492 - Present  
 HIST-3118(3) South Asian Diaspora Since 1800  
 HIST-3119(3) Aboriginal Peoples and Christian Missions  
 HIST-3121(3) Women in the Modern World  
 HIST-3130(3) History of International Migration: The German Experience  
 HIST/BUS-3135(6) The Hudson's Bay Company and the Modern Department Store  
 HIST-3208(3) Crusades and Crusaders in the Middle Ages  
 HIST-3209(3) Travel and Encounters in the Middle Ages  
 HIST-3215(3) Humanism in the Renaissance  
 HIST-3216(3)/ MENN-3102(3) Luther, Zwingli, and the Radical Reformers  
 HIST-3217(3) Society and Politics in Early Modern Europe  
 HIST-3218(3) Topics in the Enlightenment  
 HIST-3220(3) Women in Medieval Europe, 800-1350  
 HIST-3221(3) Women in the Renaissance, 1350-1550  
 HIST-3222(3) Women in Early Modern Europe, 1550-1750  
 HIST-3314(6) Recent European History  
 HIST-3315(6) European Power Politics  
 HIST-3317(3) Topics in Russian and Soviet History  
 HIST-3319(6) The Constitutional History of England  
 HIST-3320(3) Topics in Russian Intellectual History  
 HIST/ANTH-3515(6) Material Culture in the History of the Aboriginal Peoples of Canada  
 HIST-3518(3)/ ANTH-3127(3) History of the Aboriginal Peoples of the Northern Plains  
 HIST-3519(3) Aboriginal Peoples and Treaties  
 HIST-3525(3) History of the Métis in Canada  
 HIST-3526(3)/ Ethnohistoric Methods and Theory  
 4526(3)/ANTH-3117(3)/4117(3)

HIST-3527(6) History of the Algonquian Nations  
 HIST/ANTH-3528(3) History of Eastern and Subarctic Algonquian Peoples  
 HIST-3532(3)/ANTH-3128(3) History of the Iroquoian Peoples  
 HIST-3540(6) Critical Issues in the History of Canadian Politics, Nationalism, & International Relations  
 HIST/MENN-3541(3) Mennonites in Canada  
 HIST-3542(6) Gender, Class, and Ethnicity in Canadian History  
 HIST-3543(6) Immigration to Canada  
 HIST-3544(6) History of Winnipeg  
 HIST-3545(6) Historical Perspectives on Women in Canada  
 HIST-3546(3) The State and Enterprise: Historical Studies in Government Regulation of Business in Canada  
 HIST-3547(3) Quebec Since 1830: Rebellions, Revolutions and Referenda  
 HIST-3548(6) Alternative Visions: Rebels and Revolutionaries in Canadian History  
 HIST-3552(6) Regionalism and the History of the Canadian West  
 HIST-3560(6) The German-Canadian Presence in Canadian  
 HIST-3561(3) German-Canadian Identity - Historical Perspectives  
 HIST-3603(3) United States, 1878-1929  
 HIST-3604(3) United States, 1929-1988  
 HIST-3609(6) History of Native American Peoples of the U.S.  
 HIST-3611(6) Colonial America, 1492-1783  
 HIST-3612(3) Religion in American History  
 HIST-3701(6) Modern Africa  
 HIST-3703(3) South Africa in the Modern World  
 HIST-3704(3) West Africa in the Twentieth Century  
 HIST-3706(6) Colonialism and Nationalism in India  
 HIST-3708(3) Women's History in South Asia  
 HIST-3801(6) History of Medieval Art  
 HIST-3802(6) History of Renaissance Art  
 HIST-3803(6) Aspects of Seventeenth and Eighteenth-Century Art  
 HIST-3807(6) Topics in Twentieth-Century Canadian Art  
 HIST-3809(6) Nineteenth-Century Art in Context (1776-1900)  
 HIST-3810(6) Art of the Twentieth Century (1900 to the Present)  
 HIST-3811(6) Women, Art and Society  
 HIST-3813(3) Art History in Focus  
 HIST-3814(3) Aboriginal Arts  
 HIST-3815(6) Art History and Exhibition Practice  
 HIST-3816(6) Art and Architecture of Pilgrimage  
 HIST-3817(3) Nineteenth-Century Art in Context I (1776-1870)  
 HIST-3818(3) Nineteenth-Century Art in Context II (1870-1900)  
 HIST-3819(3) Art in the Twentieth Century I (1900-1945)  
 HIST-3820(3) Art in the Twentieth Century II (1945 to the Present)  
 HIST-3821(3) Topics in Twentieth-Century Canadian Art I (Issues)  
 HIST-3822(3) Topics in Twentieth-Century Canadian Art II (Research Project)  
 HIST-3824(3) History and Theory of Dance and Art  
 HIST-3825(6) Theories and Methods for Art History

HIST-3829(3) Modern Architecture and Design  
 HIST-3831(3) Islamic Art and Architecture  
 HIST-3901(3) The Scientific Revolution  
 HIST-3902(3) The Darwinian Revolution  
 HIST-3903(3)/CLAS-3211(3) Classical and Medieval Science  
 HIST-3904(3) The Einsteinian Revolution  
 HIST-3913(3) The History of Disease

#### GROUP IV

HIST-4000(3) Tutorial  
 HIST-4100(6) Tutorial  
 HIST-4103(6) Colonization and the Age of Modernity in Latin America  
 HIST-4111(6) Frontiers and Borderlands  
 HIST-4113(6) Slavery in the Americas  
 HIST-4121(6) Sex, Race, and Gender in the Early Modern Period  
 HIST-4200(6) Tutorial  
 HIST-4210(6) Church and State in Medieval Europe  
 HIST-4213(6) Topics in Early Modern Women's History  
 HIST-4215(6) France during the Renaissance and Reformation, 1461-1661  
 HIST-4216(6) Early Modern Political Thought  
 HIST-4300(6) Tutorial  
 HIST-4313(6) Studies in Modern French History  
 HIST-4314(6) Studies in European Diplomacy 1870-1919  
 HIST-4315(6) Europe in Crisis, 1914-1945  
 HIST-4316(6) Studies in Modern British History  
 HIST-4317(6) Studies in Modern Russian History  
 HIST-4500(6) Tutorial  
 HIST-4530(6) Advanced Studies in Canadian Social History  
 HIST/MENN-4535(6) Immigration and Ethnicity in Canada and the United States  
 HIST-4540(6) Advanced Studies in the History of Canadian Politics, Nationalism, and International Relations  
 HIST-4550(6) Advanced Studies in the History of Canadian Regions and Communities  
 HIST-4560(6) Topics in the German-Canadian Presence in Canadian History  
 HIST-4570(6)/ANTH-4105(6) Aboriginals and Newcomers in Encounter: Selected Topics  
 HIST-4580(6) The Interpretation of Canadian History: Historiographical Issues  
 HIST-4590(6) Family, State and Society: Themes in the History of Regulation  
 HIST-4600(6) Tutorial  
 HIST-4601(6) Colonial New England, 1620-1776  
 HIST-4604(6) The Age of Reform in the United States  
 HIST-4605(6) Studies in Intellectual and Social History of the United States  
 HIST-4610(6) The Origins of the Civil War in the United States  
 HIST-4700(6) Tutorial  
 HIST-4701(6) Studies in Modern African History  
 HIST-4702(6) Southern Africa  
 HIST-4703(6) Postcolonial India  
 HIST-4800(6) Tutorial  
 HIST-4801(6) Special Topics in Art History  
 HIST-4802(6) French *Fin-de-Siècle* Art and Culture (1880-1914)  
 HIST-4900(6) Tutorial  
 HIST-4902(6) Selected Topics in the History of Science  
 HIST-4910(6) Themes in the History of Medicine

## COURSE DESCRIPTIONS

**HIST-1010(6) AN INTRODUCTION TO HISTORY (Le3)** Is it important to know about the past? Can we judge people from other times? Is there such a thing as progress? Are there patterns to the past? Do historical "facts" change? Within a relatively small lecture/seminar setting, this course introduces you to the ways in which people try to understand their present by studying their past, and how they communicate these insights to others. It deals with how

historians use evidence and what they mean by "change and continuity," "moral judgement," "cause and effect," "specialization," and other ideas. By studying particular periods, places, and problems, students will develop reading, writing, and analytical skills that facilitate independent judgments of the past and its impact upon the present. The content of each section will depend upon the interests and skills of the members of the staff. Students can

obtain a list of sections in any particular year from the Department Secretary. Examples of sections taught in previous years are as follows:

**HIST-1010(6) ART AND IDEAS (Le3)** This course is concerned with the general topic of the relationship between art history and other facets of social, cultural and intellectual history. Specifically it focuses upon the art of Vincent Van Gogh and Kathe Kollwitz, among other artists. Issues dealt with are the use of visual and literary sources, the role of biography in art history, and the artist's place in society.

**HIST-1010(6) CANADIAN IMMIGRATION AND SETTLEMENT (Le3)** This section traces the development of modern Canada through immigration. We will examine the provincial and federal policies that determined the immigration and settlement process and explore the social, economic, cultural, and international factors that shaped the experiences of immigrants.

**HIST-1010(6) ANCIENT AND MODERN CONFLICTS (Le3)** This section will study the Peloponnesian War and classical Athens, seeking to explore both the difficulties and the rewards of historical interpretation. How we discover historical facts and make historical judgments will be further explored in selected studies of modern historical events, such as the American Civil War, the Russian Revolution, the beginning of the Pacific War in 1941, or the origins of the Cold War.

**HIST-1010(6) CANADA IN THE CONTEMPORARY WORLD (Le3)** This section will focus upon selected topics in the history of Canadian external relations. We will concentrate on Canada's relations with her North Atlantic and Pacific neighbours, her participation in two World Wars and several military and economic alliances.

**HIST-1010(6) ISSUES IN THE HISTORY OF WOMEN IN CANADA (Le3)** This course will examine the political, economic, and social roles of women during four centuries of Canada's history. Special attention will be paid to the experiences of women from a variety of ethnic backgrounds and social classes throughout Canada.

**HIST-1010(6) EUROPE: FAMOUS ISSUES AND CONTROVERSIES, ANCIENT TO MODERN (Le3)** This section will deal with certain major historical issues from European civilization. For example, the concept of Imperialism will be treated through Ancient Rome, that of Great Men through the Reformation controversy, that of Revolution through eighteenth-century France, and that of class conflict through industrializing Europe.

**HIST-1010(6) CANADIAN SOCIAL HISTORY: CONFLICT AND CHANGE (Le3)** This section will cover selected themes in modern Canadian social history. Among the subjects covered will be classes and ethnic groups, sex roles, urban development, and the lives and organizations of working people. Particular attention will be paid to the Winnipeg General Strike.

**HIST-1010(6) MAIN THEMES IN RECENT WESTERN CIVILIZATIONS (Le3)** This section will focus upon the dominant forces shaping modern Europe, including revolution, industrialism, nationalism, liberalism, Marxism, and other dominant ideologies.

**HIST-1010(6) MODERN IMPERIALISM (Le3)** This section will focus on the major empires of modern times from the late nineteenth century to the present. Emphasis will be placed upon the British, American, and Russian empires in theory and in practice with concern for their political, economic, and social expression in the modern world.

**HIST-1010(6) ABORIGINAL PEOPLES OF THE AMERICAS** This section examines a selected series of historical encounters between Aboriginal peoples of the Americas and European newcomers. It analyzes the problems and limitations of doing history across cultural

frontiers and through documentary and other sources that are sparse, ethnocentric, and otherwise limited in their scope and perspectives.

**HIST-1010(6) LEADERS AND FOLLOWERS IN AMERICAN HISTORY (Le3)** This section will examine the lives of political, social, and economic leaders as well as dispossessed classes in selected periods of American history.

**HIST-1010(6) EUROPE IN CONFLICT, 1789-1945 (Le3)** By focusing on the theme of conflict in Europe from the French Revolution to the Cold War, this section will examine the impact of revolution and war on the development of European society.

**HIST-1010(6) SOCIAL AND POLITICAL IDEAS IN EUROPEAN HISTORY (Le3)** This section will survey the course of Western Civilization from ancient times to the present through an emphasis on ideas about social and political structures such as governing institutions, economic organizations, social divisions, religious beliefs, and relations between the sexes.

**HIST-1010(6) TOPICS IN WESTERN CANADIAN HISTORY (Le3)** This section of history will use the social history of western Canada as a vehicle.

**HIST-1010(6) WOMEN AND GENDER (Le3)** This course is directed primarily at first-year students with an interest in European history. It aims to provide an introduction to two significant historical themes - women and gender - in the sixteenth and seventeenth centuries. This section is designed to introduce students to the discipline of history through critical and analytical readings of primary and secondary sources, research, and writing.

**HIST-1010(6) MENNONITES AND THE MODERN WORLD (Le3)** This course is a history of the ethnic identity and religious faith of the Mennonites from the 16th century to the present. Students will interpret the writings of the Mennonites, including their letters, memoirs, and diaries. These sources will show how Mennonites related to such modern phenomena as Protestantism, nationalism, capitalism, feminism, and global culture. The course will trace the Mennonites as they migrated from Europe to North America and as they established themselves in Asia, South America, and Africa.

**CROSS-LISTED:** Mennonite Studies MENN-1010(6).

**HIST-1010(6) ISSUES IN LATIN AMERICAN HISTORY (Le3)** This course introduces the discipline of history through the study of selected social, political, and economic themes in Latin American history from pre-Columbian times to the present.

**HIST-1010(6) SCIENCE AND SOCIETY (Le3)** This section will focus on the relationship between science and religion; the scientific understanding of race and gender; the scientific bases of intelligence testing; and science and war.

**HIST-1010(6) WORLD HISTORY (Le3)** This section surveys world history from approximately 3500 BCE to the present. Topics include ancient Mesopotamia, Egypt, India, China, Greece and Rome; the spread of Buddhism, Christianity and Islam, Africa and the Atlantic slave trade, the Industrial Revolution and political revolutions of the eighteenth and nineteenth century, culminating with the colonial and post-colonial periods in Africa and Asia. The emphasis throughout will be on an examination of world history processes through cultural contact and change.

**HIST-1010(6) CANADIAN ISSUES: CARTIER TO CHRÉTIEN (Le3)** This section will examine the central issues and debates in the social, economic, and political history of Canada from New France to the present day.

**HIST-1010(6) CANADIAN POLITICS AND CONSTITUTION (Le3)** By focusing on social and economic factors, this



course will explore the evolution of Canada's political culture and constitutional settlement.

**HIST-1010(6) ART AND HISTORY (Le3)** This course will consider the relationship between art and its historical contexts, discussing both the art works' conditions of production and their subsequent interpretations. Visual art (which may include traditional forms such as painting and sculpture, and other media such as photography, dance, film and television) will be investigated as historical evidence, human expression and political discourse. Questions of gender and race will be addressed. Field trips to local exhibitions and architectural sites will be arranged during class time.

**HIST-1010(6) LATIN AMERICAN SOCIAL HISTORY (Le3)** The social history of Latin America has been shaped by forces such as economic development, imperial rivalries and race, gender and class relations. By using "lecture series" varying in length from two to four class periods, these forces will be elaborated from the pre-contact era to the mid twentieth century.

**HIST-1010(6) ISLAMIC WORLD (Le3)** This course is a survey of Islamic history from its very beginning to the present. It aims to give a better understanding of the present situation of the Islamic World by studying the past. It examines how historians use primary sources to construct their versions of the past.

**HIST-1010(6) MEDIEVAL WORLD (Le3)** This course is an introduction to medieval history and culture that focuses on the people of the Middle Ages especially those who were particularly admired or vilified. The course explores how their lives were shaped by the society in which they lived, and how legends about them have influenced western values and ideals down to the present. The course introduces students to selected methods and materials of historical research and writing, current theories and issues, and historiography, through the lens of the Middle Ages.

**HIST-1010(6) AFRICAN KINGDOM (Le3)** This course is an analysis of cultural, economic and political dimensions of the pre-colonial African kingdoms.

**HIST-1010(6) SPANISH AMERICAN POLITICAL CULTURE (Le3)** This course explores the distinct and persistent culture that has conditioned, and continues to condition, constitutional settlements, civil institutions, and political behaviour in Spanish America. To achieve this, lectures and class discussion focus on such important themes as economic development, social values, race, gender, and class relations.

**HIST-2096(6) THE HISTORY OF ANCIENT ROME (Le3)** Lectures trace the history of Rome from the legendary foundations of the city through to the reign of Constantine. Major events of the Republic and the first three centuries of the Empire are explored. Particular emphasis is placed upon the expansion of Rome's power throughout Italy and the Mediterranean, the forces which brought about the transformation of the Roman style of government from Monarchy to Republic to Empire, and the problems which attended these changes.

**RESTRICTIONS:** Students with standing in HIST-2106(6) and or HIST-2107(6) may not receive credit for CLAS-2096(6)

**CROSS-LISTED:** Classics CLAS-2096(6).

**HIST-2104(6) ANCIENT GREEK HISTORY (Le3)** The course will trace the history of Greece from 800 B.C. until the rise of Macedon. Special emphasis will be placed on the social, political, and economic evolution of the Greek city-states (in particular Athens and Sparta), the failure of the Greeks to achieve unity, and their consequent vulnerability to external threats.

**RESTRICTIONS:** Students with standing in the former HIST-2091(6) may not receive credit for HIST-2104(6).

**CROSS-LISTED:** Classics CLAS-2091(6).

**HIST-2105(6) ALEXANDER THE GREAT AND THE HELLENISTIC WORLD (Le3)** This course will examine the career and achievement of Alexander the Great, the development of the Hellenistic world by the spread of Greek ideas and influences throughout the Middle East, and the subsequent history of that world as it succumbed to Rome. Also included will be the study of the intellectual and scientific achievements of the age.

**RESTRICTIONS:** Students with standing in the former HIST-2092(6) may not receive credit for HIST-2105(6).

**CROSS-LISTED:** Classics CLAS-2092(6).

**HIST-2108(3) MENNONITE STUDIES I (Le3)** This course offers a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia, and Russia. Attention will be given to the interaction of religion and culture in the history of European Mennonites.

**RESTRICTIONS:** Students with standing in HIST-3108(3) may not receive credit for HIST-2108(3).

**CROSS-LISTED:** Mennonite Studies I, MENN-2101(3).

**HIST-2109(3) MENNONITE STUDIES II (Le3)** This course offers a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course will include a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.

**RESTRICTIONS:** Students with standing in HIST-3109(3) may not receive credit for HIST-2109(3).

**CROSS-LISTED:** Mennonite Studies II, MENN-2102(3).

**HIST-2110(6) THE TWENTIETH-CENTURY WORLD (Le3)** This course offers an historical approach to the characteristic problems, new or inherited, of the twentieth century, e.g., problems of industrialism; nationalism; balance of power; racial conflicts; imperial rivalries; origins, character, and results of World War I; totalitarian experiments; the Second World War; problems of the post-war period; the contemporary world-scene; the United Nations' difficulties and achievements.

**RESTRICTIONS:** Students with standing in HIST-2100(6) may not receive credit for HIST-2110(6).

**HIST-2112(6) WAR AS A SOCIAL INSTITUTION (Le3)** This course offers a survey of the effects of war on the development of Western society, and the reciprocal effects of social forces on the art of war, from the ancient Greeks to the Nuclear Age. **RESTRICTIONS:** Students with standing in HIST-3103(6) may not receive credit for HIST-2112(6).

**HIST-2113(6) A HISTORY OF SLAVERY (Le3)** This course offers an historical survey of the institution of slavery from ancient times to the twentieth century. Emphasis will be placed on slavery as the basis of imperial and economic systems, the African and New World experience, and the slavery of the twentieth century.

**RESTRICTIONS:** Students with standing in HIST-3102(6) may not receive credit for HIST-2113(6).

**HIST-2115(3) MODERN JEWISH HISTORY (Le3)** This course will study political, social, cultural, and economic aspects of Jewish history from 1800 to the present. It will approach the subject chronologically. Issues treated will include traditional Jewish society, emancipation, anti-Semitism, emigration, the Holocaust, and the establishment of Israel.

**HIST-2116(6) SURVEY HISTORY OF LATIN AMERICA (Le3)** This lecture course is an overview of the history of Central and South America. The course will study the aboriginal experience before European expansion into the region, then examine the effect of colonization on the cultural, political, and social structures of the region. The course concludes with an examination of the modern, post-colonial period.

**HIST-2117(3) FROM SUGAR AND SLAVES TO SAMBA AND SOCCER: HISTORY OF BRAZIL (Le3)** This survey examines the main social, political, economic, and cultural

developments in Brazil from the early colonial period to the present. Topics include indigenous peoples and their interactions with Europeans, Portuguese colonization, sugar and slavery, the gold rush, the exiled Portuguese monarchy, coffee economy and society, slave emancipation, industrialization and urban growth, changes in the Amazon region, and cultural developments such as samba and soccer.

**HIST-2120(3) THE HISTORY OF MODERN BUSINESS ENTERPRISE (Le3)** This course will study those innovations in management, practice, and organization which have facilitated the emergence of the modern business corporation. Beginning with a discussion of traditional forms of production and commerce, the course will examine the challenges that long-distance trade presented for managing commercial operations from the sixteenth through the eighteenth centuries. Of central importance in the course will be the development of the railroad in the nineteenth century, with its decentralized organization and its complex accounting systems, as the first modern corporation. Then, the spread of more complex organizations will be followed into mass production and mass distribution and the development of stock markets from the late nineteenth through the early twentieth centuries. The focus will be upon Canadian and American business, though where appropriate, reference will be made to European experiences.

**HIST-2130(6) A HISTORY OF THE DEVELOPING WORLD (Le2, S1)** This course examines the historical roots of development and underdevelopment, processes that have led to the emergence of the developing world or Third World as a distinctive, though diverse region. It surveys trends such as colonization, industrialization, militarization and trade in the Africa, Asia and Latin America from the 15<sup>th</sup> to the 20<sup>th</sup> century. It investigates the ways in which both external pressures and internal dynamics have contributed to continuity and change in these regions. This course will help students to understand the historical context for contemporary changes in developing countries, as well as the context in which particular development theories and practices emerged.

**PREREQUISITES:** Either 60.1100(6) (Intro to IDS) or HIST-1010(6) (An Intro to History) or CMU 61.100(3) and 61.101(3) (History of Western Civilization I & II) or permission of the instructor.

**CROSS-LISTED:** International Development Studies IDS-2130(6).

**HIST-2131(3) HISTORY OF PEACE AND NONVIOLENCE (Le3)** This course examines the history of pacifism, peace movements, and nonviolent solutions offered during specific times of conflicts. The scope of this course is global. Thus, the course contrasts Christian traditions of nonviolence with those of Hindu and Buddhist traditions. The major focus on the course is on the religious and secular visions of preserving peace in North America. For case studies, the course examines Mennonite communities that historically have embraced pacifism as a fundamental principle of social organization.

**CROSS-LISTED:** Mennonite Studies MENN-2131(3).

**HIST-2170(6) ISLAM AND THE WEST (Le3)** This course examines the political, social, and cultural relations between the European and Islamic worlds from the Seventh Century to the present. Unlike many other non-Western societies, Islam developed in close and mutual contact with European Christendom. This relationship is discussed through several themes, including the transmission of scientific knowledge, the changing balance of military and economic power that paved the way for European empires to rise to world dominance, and the formation and legacy of cultural stereotypes on both sides.

**HIST-2211(3) EUROPE IN THE MIDDLE AGES 300-1350 (Le3)** This course is a survey of the political, social, and cultural history of Western Europe between the division of the Roman Empire and the end of the High Middle Ages. It

studies the origins of peoples and the growth of institutions by which Western Europe has been shaped, and the cultural developments which culminated in the Gothic churches and schools.

**RESTRICTIONS:** Students with standing in HIST-2200(3), HIST-2214(6), HIST-2310(6) or HIST-2311(3) may not receive credit for HIST-2211(3).

**HIST-2212(3) EUROPE BETWEEN THE MEDIEVAL AND MODERN WORLDS 1350-1650 (Le3)** This course is a survey of the political, social, and cultural history of Western Europe between the Black Death and the end of the religious wars; the economic and political recovery of Europe, the expansion of Europe overseas, the Reformation in religion, and the new developments in science and arts during the Renaissance and Baroque periods.

**Restrictions:** Students with standing in HIST-2201(3) or HIST-2310(3) or HIST-2312(3) may not receive credit for HIST-2212(3).

**HIST-2213(3) WOMEN IN PRE-INDUSTRIAL EUROPE (Le3)** This course will survey women's history in Western Europe from classical times to about 1700. Using primary and secondary sources, the course will cover historical fluctuations in the condition and status of women, as well as an array of economic, political, and social relations between women and men, with a focus on the ideologies (e.g., religious, philosophical) that helped to shape attitudes toward women.

**RESTRICTIONS:** Students with standing in HIST-2111(6) and/or 29(3)105(6) may not receive credit for HIST-2213(3).

**HIST 2214(6) EUROPE IN THE MIDDLE AGES (Le3)** This survey examines the evolution of Europe from the gradual collapse of the Roman Empire to the emergence of states in Western Europe as well as in the Byzantine and Slavic World. The course focuses on various aspects of social, religious, political, cultural, and intellectual life. Topics include the "Barbarian" invasions of the Roman Empire, the birth of Christianity and Islam, the Crusades, the development of cities, the daily life of men and women, the Byzantine Empire and its Slavic neighbours, the birth of universities, the Black Death, and the Hundred Years War. Medieval documents are analysed in class to offer a direct insight into the period.

**RESTRICTIONS:** Students with standing in HIST-2211(3) may not receive credit for HIST-2214(6).

**HIST-2215(3) HISTORY OF THE BYZANTINE EMPIRE (Le3)** This survey course examines the history of the Byzantine Empire, from its origins in the reign of Constantine I to its end at the fall of Constantinople (1453). The course focuses on various aspects of political, religious, social, and cultural life. Topics may include the reign of Justinian I, the iconoclastic crisis, the transmission of the orthodox faith to the Slavs, the Byzantine court and its relations with its neighbours, notably the crusaders, and the Ottoman conquest.

**HIST-2226(3) THE HISTORY OF SEXUALITY FROM ANTIQUITY TO THE MIDDLE AGES (Le3)** By tracing the historical evolution of a variety of themes, such as aphrodisiacs, reproductive theories, the sex trade, and policies on public health, this course will offer a survey of sexuality from prehistory to the Middle Ages. The prehistorical period will be reviewed briefly, followed by an examination of classical Greece and Rome, early Christianity, and the Middle Ages. Though references will be made to other regions for comparative purposes, the focus of this course is on western Europe.

**HIST-2303(3) THE CHILD IN EUROPE (Le3)** Lectures and discussions examine from several disciplinary perspectives conceptions of the child and of childhood in Europe from ancient times to the present. With contributions from such fields as Art History, Classics, English, French, German, History, and Women's Studies, the course explores Europeans' definitions of children and childhood and their understandings of children in relation to the family, society, class, gender, religion, and work. We examine typical

images of childhood in European literature and art, the connections between these images and actual practices, and the continuing impact of these ideas and practices.

**CROSS-LISTED:** German Studies GERM-2303(3).

**HIST-2313(6) MODERN EUROPEAN SOCIETY (Le3)** This course surveys European societies from the absolute monarchies of the 17<sup>th</sup> century to the fascist and communist movements of the 20<sup>th</sup> century. It provides background for understanding contemporary Europe by exploring the relationship between industrialization and urbanization, the origins and impact of wars and revolutions and the impact of ideologies, such as democracy, nationalism, socialism and Nazism. Attention is also paid to the role of significant individuals, including Louis XIV, Newton, Marx, and Hitler. **RESTRICTIONS:** Students with standing in HIST-2300(6), HIST-2314(6) or HIST-2315(3) may not receive credit for HIST-2313(6).

**HIST-2316(6) HISTORY OF BRITAIN FROM 1485 (Le3)** This course is a survey of the growth and development of modern Britain, 1485 to the present. **RESTRICTIONS:** Students with standing in HIST-2400(6) may not receive credit for HIST-2316(6).

**HIST-2320(3) HISTORY OF POLAND AND UKRAINE (Le3)** This course studies the historical development of Poland and Ukraine from 900 A.D. to the present, including their Jewish, German, and Mennonite minorities. Emphasis will be put on modern topics such as the rise of nationalism, the background to mass emigration, the achievement of independence, and Communism. **RESTRICTIONS:** Students with standing in HIST-2318(3) or HIST-2319(3) may not receive credit for HIST-2320(3).

**HIST-2323(3) STUDIES IN GERMAN CULTURE I (Le3)** This course offers a broad survey of cultural developments in German-speaking Europe from the Middle Ages to the Romantic period at the beginning of the 19th century. Slides, film, and audio recordings will help to present developments in art, architecture, music, and the social/political background, while German writing in English translation by authors such as Luther, Grimmelshausen, Kant, Lessing, and Goethe will allow for discussion of themes and issues in the context of their times. **CROSS-LISTED:** German Studies GERM-2101(3).

**HIST-2324(3) STUDIES IN GERMAN CULTURE II (Le3)** This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present. Slides, films, and audio recordings will help to present developments in art, architecture, music, and the social/political background, while German writing in English translation by authors such as E.T.A. Hoffmann, Marx, Freud, Kafka, Brecht and Christa Wolf will allow for discussion of themes and issues in the context of their times. **CROSS-LISTED:** German Studies GERM-2102(3).

**HIST-2325(3) RUSSIA TO 1917 (Le3)** This course provides a survey of Russian history and civilization from 800 to 1917. Topics include the founding of the Russian state, the Tsarist Empire, and the Revolutions of 1917. Important political and cultural personalities discussed include Ivan the Terrible, Peter the Great, Tchaikovsky, Tolstoy, and Lenin. **RESTRICTIONS:** Students with standing in HIST-2317(3) or HIST-2321(3) or HIST-3205(6) or HIST-3305(6) may not receive credit for HIST-2325(3).

**HIST-2326(3) RUSSIA SINCE 1917 (Le3)** This course provides a survey of Russian history and civilization since the Bolshevik Revolution. Topics include the formation of the Soviet state, Stalinism, World War II, the Cold War, the collapse of the Soviet Union, and the emergence of the new Russia. Important political and cultural personalities discussed include Lenin, Stalin, Khrushchev, Gorbachev, Solzhenitsyn, and Shostakovich. **RESTRICTIONS:** Students with standing in HIST-2317(6) or HIST-2321(3) or HIST-3205(6) or HIST-3305(3) may not receive credit for HIST-2326(3).

**HIST-2327(3) THE HISTORY OF SEXUALITY FROM THE RENAISSANCE TO THE PRESENT (Le3)** By tracing the historical evolution of a variety of themes, such as aphrodisiacs, reproductive theories, the sex trade, and policies on public health, this course will offer a survey of sexuality from the Renaissance to the twentieth century. The focus will be on the Renaissance, the Protestant Reformation, the Scientific Revolution, the Enlightenment, and the Industrial Revolution, with a critical look at these historical periods as watersheds in the history of sexuality. Though references will be made to other regions for comparative purposes, the focus of this course is on Western Europe.

**HIST-2328(3) ANTI-SEMITISM AND THE HOLOCAUST (Le3)** This course studies the origins and execution of Hitler's "Final Solution" against the backdrop of 2000 years of European Anti-Semitism. Although the major focus of the course will be on the tragic events of 1933-45, contemporary topics such as Neo-Nazism and other genocides will be briefly addressed as well.

**HIST-2329(3) WOMEN IN MODERN EUROPE (Le3)** This course will survey women's history in Western Europe from 1700 to the present. Using primary and secondary sources, the course will cover historical fluctuations in the condition and status of women, as well as an array of economic, political, and social relations between women and men, with a focus on the ideologies (e.g. religious, philosophical) that helped to shape attitudes toward women. **RESTRICTIONS:** Students with standing in HIST-2111(6) and/or HIST-3105(6) may not receive credit for HIST-2329(3).

**HIST-2330(3) EUROPE SINCE 1945 (Le3)** This course provides a survey of eastern and western European history since the end of World War II. It covers the Cold War, the development of the European Common Market and the European Union, the Collapse of Communism and changes in Europe since then. Political, Social, economic, and cultural topics are included. The role of important personalities such as Charles de Gaulle, Willi Brandt, Josip Tito, Lech Walesa and Mikhail Gorbachev are considered.

**HIST-2331(3) HISTORY OF MODERN GERMANY (Le3)** This survey of political, economic, social, and cultural developments in Germany from the Holy Roman Empire to the Berlin Republic focuses on developments after the Congress of Vienna (1815), including the 1848 Revolution, Bismarck and German unification 1871, Wilhelmine Germany and imperialism, World War One, the Weimar Republic, Hitler and National Socialism, World War Two and the Holocaust, the two Germanies in the Cold War, and reunification in 1989/90. Major historiographical controversies and methods of interpreting and analyzing German history are examined through lectures, explication of primary sources and critical reading of secondary sources, group and class discussions, and films. **CROSS-LISTED:** German Studies GERM-2331(3)

**HIST-2500(6) HISTORY OF CANADA TO 1939 (Le3)** This is a survey course designed to acquaint students with the foundations and development of the Canadian nation - its social, economic, and political institutions. It will emphasize the regional life and social organization of the country, the impact of war, colonialism and continentalism, the development of federalism, the rise of French-Canadian nationalism and separation, and the development of Canadian socialism. **RESTRICTIONS:** Students with standing in HIST-2503(3) or HIST-2504(3) may not receive credit for HIST-2500(6).

**HIST-2503(3) SURVEY HISTORY OF CANADA: THE COLONIAL ERA, 1500-1867 (Le3)** This course is a survey of the economic, social, and political history of Canada from the early encounters of Europeans with North America and its indigenous peoples to Confederation. Themes may include the immigration of Europeans to Canada, the

relations between Europeans and aboriginal peoples, the social and political relations that formed around colonial economies, the development of regionalism and French-Canadian nationalism, and movements for political reform.  
**RESTRICTIONS:** Students with standing in HIST-2500(6) may not receive credit for HIST-2503(3).

**HIST-2504(3) SURVEY HISTORY OF CANADA: THE NATIONAL ERA, 1867-1939 (Le3)** This course surveys the economic, social, and political history of Canada from the formation of the Canadian state in the mid-nineteenth century to the beginning of World War II. Themes may include the constitutional achievement of the nation state, westward expansion and relations with aboriginal peoples, the creation of a national political economy and the social relations which developed within it, immigration and ethnic relations, the rise of political dissent and socialism, questions of political rights and citizenship, French-Canadian nationalism and regionalism.  
**RESTRICTIONS:** Students with standing in HIST-2500(6) may not receive credit for HIST-2504(3).

**HIST-2505(3) SURVEY HISTORY OF CANADA: THE MODERN ERA, 1939 TO THE PRESENT (Le3)** This course surveys the economic, social, and political history of Canada from the beginning of World War II to the recent past. Themes may include the rise and decline of the welfare state in Canada; the political and constitutional developments that facilitated it; and the challenges to it from French-Canadian nationalism, regional protest movements, and socialism; Canada's participation in World War II, its place in postwar international relations, and its shift in dependence from Great Britain to the United States.

**HIST-2506(3) HISTORY OF THE CANADIAN NORTH (Le3)** This course is a history of the Canadian North, including the provincial north and territories. Topics for study include pre-contact history, Aboriginal-white relations, resource development, and the extension of southern administration to northern peoples. There will be an emphasis on utilizing local sources, including oral sources, and on integrating Aboriginal perspectives into the course.

**HIST-2509(6) HISTORY OF THE ABORIGINAL PEOPLES OF CANADA (Le3)** This course traces Canadian aboriginal history down to the treaties and reserves of the late nineteenth and early twentieth century, emphasizing the period after the first European contact.  
**RESTRICTIONS:** Students with standing in HIST-3509(6) or HIST-3509(3) may not receive credit for HIST-2509(6).

**HIST-2510(3) ABORIGINAL PEOPLES OF CANADA TO 1815 (Le3)** This course traces Aboriginal history down to the War of 1812 era. We discuss the period preceding Aboriginal contact with Europeans to set the context for the main part of the course, an extensive examination of the post-contact era. The course concludes by exploring the shift in government and popular perceptions of Aboriginal people from ally and partner to problem and hindrance. The course considers diverse sources and methods for interpreting this history.  
**RESTRICTIONS:** Students with standing in HIST-2509(6) may not receive credit for HIST-2510(3).

**HIST-2511(3) ABORIGINAL PEOPLES OF CANADA SINCE 1815 (Le3)** This course traces the development of Aboriginal history since the War of 1812. Beginning with the post-War period, the course examines the shifting policies and attempts by colonial governments to direct the assimilation of Aboriginal people. Topics include the development of civilization and assimilation policies, origin and continuance of treaties, land claims, residential schools, Indian Act development, reservations, royal commissions, the 1969 White Paper, and recent court decisions. Emphasis is placed on Aboriginal efforts to maintain cultural and national self-determination while facing these policies. We consider the diverse sources and methods for interpreting this history, with a focus on the documentary record.

**RESTRICTIONS:** Students with standing in HIST-2509(6) may not receive credit for HIST-2511(3).

**HIST-2514(3) HISTORY OF CANADIAN EDUCATION (Le3)** This course is a systematic inquiry into the historical origins and development of educational thought, policy, and reform in Canada.  
**RESTRICTIONS:** Students with standing in HIST-3514(3) may not receive credit for HIST-2514(3).

**HIST-2521(3) CANADIANS AT WORK: TECHNOLOGY, PRODUCTION, AND THE CHANGING WORKPLACE IN THE TWENTIETH CENTURY (Le3)** This course examines, within a North American context, how technology has influenced the goods our society produced and the conditions under which they were made. Lectures explore the dramatic shift from craft to industrial production in the late nineteenth century, the predominance of the assembly line by the 1920s, and then its transformation by automation and computerization beginning after World War II. Topics to be discussed include the impact of scientific management; rise of the professions of industrial psychology, engineering, and management; technical education; industrial unionism.

**HIST-2600(6) HISTORY OF THE UNITED STATES FROM 1607 (Le3)** This course is a survey of the development of the American people and their institutions from colonial times to the present day.

**HIST-2700(6) HISTORY OF AFRICA (Le3)** This course is a survey of the social, economic, political, and cultural traditions of the African continent.

**HIST-2701(6) A HISTORY OF ASIA SINCE 1500 (Le3)** This course surveys Asia in the era of Western expansion. Emphasis is placed on the internal developments in South Asia (India), East Asia (China and Japan) and Southeast Asia (Indonesia, Burma, Malaya, Thailand, Vietnam and the Philippines) as well as on their interaction with Western countries and with each other. Topics include cultural identity, colonization, modernization, nationalism, decolonization and the post-colonial period.  
**RESTRICTIONS:** Students with standing in HIST-2703(3) or HIST-2704(3) may not receive credit for HIST-2701(6).

**HIST-2703(3) SOUTH ASIA SINCE 1500 (Le3)** This course surveys the Mughal period, the emergence of regional states, the transition to colonialism, the East India Company Raj, the British colonial state, the rise of Indian nationalism, and issues of democracy and authoritarianism in South Asia (India, Pakistan, Nepal, Bangladesh, Sri Lanka) since independence.  
**RESTRICTIONS:** Students with standing HIST-2701(6) may not receive credit for HIST-2703(3).

**HIST-2704(3) HISTORY OF EAST ASIA SINCE 1500 (Le3)** This course surveys the history of China from the Ming Dynasty to Communist China, Korea from the Early Choson dynasty to the present, and Japan from the Edo era to the contemporary period.  
**RESTRICTIONS:** Students with standing in HIST-2701(6) may not receive credit for HIST-2704(3).

**HIST-2800(6) HISTORY OF EUROPEAN ART (Le3)** The historical development of art forms in the European tradition will be studied in successive eras. Emphasis is given to painting, sculpture, and architecture.

**HIST-2801(6) HISTORY OF CANADIAN ART (Le3)** A survey of Canadian art from the influences of European styles in the early period to the impact of Canadian culture on art in the 20th century.

**HIST-2802(3) ART IN NON-CHRISTIAN RELIGIONS (Le3)** This course explores the intrinsic links within non-Christian religious traditions between beliefs and social systems and the art produced in those contexts. It focuses on the art and architecture of Hinduism, Buddhism, and Islam. Students explore art's implicit and explicit messages about the

religious beliefs of its producing society, how art functions within the context of religion, and how one "reads: religious art. The class investigates the impact of social, economic, and power structures on religious art, and the role of patronage in art production.

**CROSS-LISTED:** Religious Studies REL-2901(3).

**HIST-2900(6) HISTORY OF SCIENCE (Le3)** This course surveys the development of Science from ancient to modern times with emphasis on the concepts of the physical sciences.

**Note:** This course fulfils either the University of Winnipeg Humanities Requirement or the University of Winnipeg Science Requirement.

**HIST-2901(6) HISTORY OF TECHNOLOGY (Le3)** A survey of developments in technology, from ancient to modern times. Throughout, there will be a consideration of the relationship of technology to man. This course does not fulfil the Science requirement.

**HIST-2910(3) HISTORY OF MEDICINE TO 1700 (Le3)** This course is a survey of the development of western medicine from the ancient period to 1700. Topics include the origin of the ancient medical tradition; the Hippocratic Oath and the origin of medical ethics; the Black Death and medieval medicine; and the seventeenth century scientific revolution in medicine. The course will relate medical practice to its scientific, philosophic and social bases.

**RESTRICTIONS:** Students with standing in HIST-2909(3) or HIST-3909(3) may not receive credit for HIST-2910(3).

**HIST-2912(3) THE HISTORY OF MODERN MEDICINE (Le3)** This course is a survey of the scientific, professional, and political development of medicine after 1700. Topics include the development of scientific medicine, including the germ theory of disease; the rise of the hospital and the transformation of medical education; and the growth of the public provision of medical care, including state-sponsored medical insurance schemes in Europe and North America.

**RESTRICTIONS:** Students with standing in HIST-2909(3) or HIST-3909(3) may not receive credit for HIST-2912(3).

**HIST-3001(6) PRACTICE AND PHILOSOPHY OF HISTORY (Le, S3)** This lecture/seminar course introduces the student to the practice of history. By studying historical writing it emphasizes changing ideas in history and the philosophical and practical difficulties involved in thinking about history. The course also emphasizes methodologies in research techniques and the writing of history.

**PREREQUISITES:** HIST-1010(6) and B average in previous history course(s).

**RESTRICTIONS:** Students with standing in the former HIST-4001(3) and HIST-4002(3) may not receive credit for HIST-3001(6).

**HIST-3002(6) TUTORIAL (T)** This is a reading course taken by individual senior students with the Instructor of their choice.

**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-3005(6) INTRODUCTION TO ORAL HISTORY(Le, S3)** This lecture/seminar course introduces students to setting up an oral history project, including preparing for, conducting and processing an interview. Students learn about the major issues and debates in oral history and related disciplines. Students who successfully complete this course will be able to set up an oral history project for their own studies as well as for museums, historical societies, and other public history institutions.

**HIST-3108(3) GENDER AND MENNONITES (Le, S3)** This lecture/seminar course will examine the role of women and of men in the evolving Mennonite society. It will trace these gender roles amongst the Radical Anabaptists of Western Europe, the agrarian Mennonite communities in Russia and North America, and Mennonites in modern, urban centres in North America. The course will examine patriarchal

structures of Mennonite households, churches and communities, but also focus on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity will receive special attention. Gender will also be traced through the Mennonite life cycle, commencing at childhood, and tracked through times of youth, marriage, mid-age, and retirement. The course will examine how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.

**CROSS-LISTED:** Mennonite Studies MENN-3108(3).

**HIST-3110(3) RUSSIA AND THE MENNONITES (Le, S3)**

This lecture/seminar course deals with the history of the Mennonites in Imperial Russia and the Soviet Union from 1789 to 1989. Cultural, economic, and religious developments of the so-called 'Mennonite Commonwealth' in the nineteenth century and of the far-flung Mennonite communities in the Soviet Union during the twentieth century are emphasized and analyzed.

**RESTRICTIONS:** May not be taken by students with credit in the former MENN-3203(3).

**CROSS-LISTED:** Mennonite Studies MENN-3110(3).

**HIST-3111(3) CONFLICT AND MENNONITES (Le, S3)**

This lecture/seminar course deals with the Anabaptist and Mennonite understanding and experience of pacifism throughout the centuries, with special emphasis on their dealings with nation-states, church schism, ethnic relations, and domestic abuse.

**RESTRICTIONS:** Students with standing in the former HIST-2103(3) may not receive credit for HIST-3111(3).

**CROSS-LISTED:** Mennonite Studies MENN-3111(3).

**HIST-3112(6) MILITARISM IN THE MODERN WORLD (Le, S3)**

This lecture/seminar course offers an intensive examination of the interaction between military factors and broader social forces from the French Revolution of 1789 to the present.

**RESTRICTIONS:** Students with standing in HIST-3104(6) may not receive credit for HIST-3112(6).

**HIST-3113(6) PERSONALITIES AND MODERN**

**REVOLUTION (Le, S3)** This lecture/seminar course examines Europe and its overseas empires in the 19th and 20th centuries. The focus will be on the origins, conduct, and impact of modern revolutions as seen through the personal experience of leaders. Revolutionary leaders such as Robespierre, Marx, Lenin, Hitler, Stalin, Mao, and de Gaulle will be studied, as well as the collective experience of their followers. Course texts include some classic novels.

**RESTRICTIONS:** Students with standing in HIST-3107(6) may not receive credit for HIST-3113(6).

**HIST-3114(3) LATIN AMERICA AND THE MENNONITES**

**(Le, S3)** This lecture/study course is a study of the founding and development of Mennonite communities in Central and South America. The focus is on problems European and Canadian Mennonites faced (and still face) in their attempt to establish an existence and identity in a predominantly Latin world. The course contrasts these conservative Mennonites to the more radical communities composed of indigenous Latin American Mennonites. In particular, it compares the manner in which the two groups of Mennonites have responded to the social and economic issues of Latin America.

**RESTRICTIONS:** May not be taken by students with credit in the former MENN-3101.

**CROSS-LISTED:** Mennonite Studies MENN-3114(3).

**HIST-3115(6) THE HISTORY OF SPANISH AMERICAN**

**POLITICAL CULTURE (Le, S3)** This lecture/seminar course studies the historical formation of a distinctive political culture in selected Spanish American countries by focusing on elites, natives, and women, and by making comparisons with other New World Colonial societies.

**HIST-3116(3) MENNONITES AND WORLD ISSUES (Le, S3)** This lecture/seminar course studies Mennonites responses to the wider world, and examines changes that have taken place among Mennonites with regard to world issues over the course of history. These issues include: urbanization, environmentalism, poverty, mass culture, the communications revolution, the global economy and family life. An emphasis is placed on the Twentieth Century World. **RESTRICTIONS:** Students with standing in MENN-3301(3) or HIST-3301(3) may not receive credit for MENN-3116(3) or HIST-3116(3). **CROSS-LISTED:** Mennonite Studies MENN-3116(3).

**HIST-3117(6) COLUMBUS TO CASTRO: A HISTORY OF CUBA, 1492 – PRESENT(Le, S3)** This lecture/seminar course analyses the historical evolution of Cuban society from the early colonial period, through capitalist development in the first half of the twentieth century, and to socialism after 1959. Emphasis is on the examination of the history of Cuba in the context of its relationship with the rest of the world. Emphasis is also on the national and international roots and dynamic of revolutionary change in Cuba, from the colonial period under Spain, through United States and Soviet hegemony, to the present, and includes consideration of the conditions and perspectives of various groups and social classes.

**HIST-3118(3) SOUTH ASIAN DIASPORA SINCE 1800 (Le, S3)** This lecture/seminar course examines migration from South Asia (today comprising India, Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka and the Maldives) in the nineteenth and twentieth centuries. Discussions focus on different types of migration and settlement developed within the British Empire, and the changes brought about by decolonization. The course covers labour issues including recruitment patterns, settlement patterns, establishment of educational and religious institutions, and the effect of overseas issues on nationalist politics in the colonial era. In the post-colonial period the course covers South Asian contributions to multicultural societies, labour policies, gender issues, racial discrimination and the politics of identity.

**HIST-3119(3) ABORIGINAL PEOPLES AND CHRISTIAN MISSIONS (Le, S3)** This lecture/seminar course examines a selected number of spiritual encounters between peoples and Christian missionaries throughout North and South America from the time of Columbus until the twentieth century. Emphasis is placed on the early modern period (1500-1800), although some nineteenth and twentieth-century encounters may also be discussed. Topics include Catholic and Protestant missions; Aboriginal religions; Aboriginal resistance to missions; Aboriginal adaptations to Christianity; gender; and economic aspects of missions.

**HIST-3121(3) WOMEN IN THE MODERN WORLD (Le, S3)** This lecture/seminar course will examine the varied experiences of women in a cross-cultural context, with emphasis on the transference of European ideologies of gender to a colonial setting. Students will analyze and compare notions of womanhood in modern Europe, Asia, Africa, and Latin America, and pay special attention to the agency of imperialism and colonialism in the construction of women's lives. Using primary and secondary sources, comparisons will be drawn where appropriate among different classes, regions, and times.

**HIST-3130(3) HISTORY OF INTERNATIONAL MIGRATION: THE GERMAN EXPERIENCE (Le, S3)** This course offers a survey of historical and current migration patterns, using the example of German-speaking migrants from the 18th to the 20th century. Students will explore migration processes, different types of migration, and the resulting cross-cultural encounters as well as the interaction of states and minorities. The lecture/seminar course will study Germany as a country of emigration and immigration, and discuss the existence of a German diaspora. A knowledge of German is not required.

**HIST-3135(6) THE HUDSON'S BAY COMPANY AND THE MODERN DEPARTMENT STORE (Le, S3)** In this lecture/seminar course, students will examine the history of modern retail business organization, with special attention being given to the Hudson's Bay Company's urban retail stores. The extensive archives of the company will afford students an excellent opportunity to study major issues in accounting, personnel, management, and marketing. The external social and political context in which the stores operated will also be studied. **CROSS-LISTED:** Business and Administration BUS-3135(6).

**HIST-3208(3) CRUSADES AND CRUSADERS IN THE MIDDLE AGES (Le, S3)** This lecture/seminar course traces the phenomenon of the crusades in Europe and the Mediterranean world between the Eleventh and Fifteenth Centuries. It explores the roots, the forms, and the consequences of crusading movements from the First Crusade to the capture of Granada (1492). Attention is given to the political, cultural, religious, and economic tensions and exchanges between Christianity and Islam, but also to the participants of these movements, the organisation of crusader states, the struggle against heresies in Europe and Byzantium, the consequences of the crusades on the Jewish communities of Europe, the Spanish *Reconquista*, and the crusades in the Baltic regions.

**HIST-3209(3) TRAVEL AND ENCOUNTERS IN THE MIDDLE AGES (Le, S3)** This lecture/seminar course examines the geographical horizon of Medieval Europeans and their knowledge of the world through the travel accounts of merchants, explorers, pilgrims, and missionaries. The period under scrutiny encompasses the 11<sup>th</sup> to the 15<sup>th</sup> Centuries, a time when this horizon was considerably broadened, for instance, by the Crusades and the Mongol invasions. Attention is given to the development of trade routes and networks across Europe and Asia, the encounters with other peoples, and the development of a medieval imagination of the world.

**HIST-3215(3) HUMANISM IN THE RENAISSANCE (Le, S3)** This lecture/seminar course studies the various kinds of humanism in Italy and Northern Europe during the Renaissance (1400-1600). The intellectual and literary interests of the humanists will be interpreted in the political, economic, social, and religious context of the age. **RESTRICTIONS:** Students with standing in HIST-3207(3) or HIST-3311(3) may not receive credit for HIST-3215(3).

**HIST-3216(3) LUTHER, ZWINGLI AND THE RADICAL REFORMERS (Le, S3)** This lecture/seminar course deals with the relationship between the objectives and methods of the "mainline" reformers of the sixteenth century (mainly Luther and Zwingli) and those of the "radical" reformers (such as Thomas Muentzer, Andrew Carlstadt, and the Anabaptists), and assesses the historical results of this relationship. **RESTRICTIONS:** Students with standing in HIST-3115(3) may not receive credit for HIST-3216(3). **CROSS-LISTED:** Mennonite Studies MENN-3102(3).

**HIST-3217(3) SOCIETY AND POLITICS IN EARLY MODERN EUROPE (Le, S3)** The lecture/seminar course will treat selected topics of European history between the Renaissance and the Enlightenment. **RESTRICTIONS:** Students with standing in HIST-3312(3) or HIST-4205(6) may not receive credit for HIST-3217(3).

**HIST-3218(3) TOPICS IN THE ENLIGHTENMENT (Le, S3)** The lecture/seminar course will study the writings of the greater and lesser "philosophes" of Western Europe, from both the perspective of old-fashioned intellectual history and the new perspectives of social history. **RESTRICTIONS:** Students with standing in HIST-3301(6) or HIST-3313(3) may not receive credit for HIST-3218(3).

**HIST-3220(3) WOMEN IN MEDIEVAL EUROPE, 800-1350 (Le, S3)** This lecture/seminar course will examine the varied experiences of women in medieval Europe. Specific themes

may include such topics as women's contributions to religious life and intellectual reform, the changing political and legal status of women in feudal society, women's participation in agrarian and market economies, and the construction of gender and sexuality as class experiences in the medieval period. Using primary and secondary sources, comparisons will be drawn where appropriate among different regions and times.

### **HIST-3221(3) WOMEN IN THE RENAISSANCE, 1350-1550**

**(Le, S3)** This lecture/seminar course will examine the varied experiences of women in Renaissance Europe. Fundamental to this course will be the analysis of traditional periodization as we attempt to answer Joan Kelly's question, "Did women have a Renaissance." Women of the Renaissance period will be appraised in a broad range of roles: as members of the labouring classes and as intellectuals, as queens and as paupers. Using primary and secondary sources, students will evaluate social, political, legal, and economic conditions in women's lives to determine how these variables could be interpreted in redefining the period known as the Renaissance.

### **HIST-3222(3) WOMEN IN EARLY MODERN EUROPE, 1550-1750**

**(Le, S3)** From the sixteenth to the eighteenth centuries, European societies underwent some critical transformations. This lecture/seminar course will assess the impact of those major ideological changes that especially affected women's lives. Was the Protestant Reformation good for women? What was "scientific" and "revolutionary" for women about the Scientific Revolution? Using primary and secondary sources, comparisons will be drawn where appropriate among different classes, regions, and times.

### **HIST-3314(6) RECENT EUROPEAN HISTORY (Le, S3)**

This lecture/seminar course concentrates on the turbulent period between the Franco-Prussian War and the Second World War, and deals with both domestic and international history. Domestic themes, drawn from across the continent, include industrialization, nationalism, church-state relations, socialism and anarchism, racism, and fascism. International themes include imperial rivalries, arms races, war avoidance and peacemaking.

**RESTRICTIONS:** Students with standing in HIST-3303(6) may not receive credit in HIST-3314(6).

### **HIST-3315(6) EUROPEAN POWER POLITICS (Le, S3)**

This is a lecture/seminar course in European foreign relations in the 19th and 20th centuries. The effects of economics, ideologies, revolutionary movements, personalities, and military planning will be investigated.

**RESTRICTIONS:** Students with standing in HIST-3308(6) may not receive credit for HIST-3315(6).

### **HIST-3317(3) TOPICS IN RUSSIAN AND SOVIET**

**HISTORY (Le, S3)** This lecture/seminar course will cover selected topics in Russian and Soviet history. Topics may be drawn from political, social, or economic history.

### **HIST-3319(6) THE CONSTITUTIONAL HISTORY OF**

**ENGLAND (Le, S3)** This lecture/seminar course focuses upon the development of monarchy, courts, parliament, and the law from early to modern times. The course will be especially useful for students planning to enter law school.

**RESTRICTIONS:** Students with standing in HIST-3403(6) may not receive credit for HIST-3319(6).

### **HIST-3320(3) TOPICS IN RUSSIAN INTELLECTUAL**

**HISTORY (Le, S3)** This lecture/seminar course will analyze political and social ideas in nineteenth- and twentieth-century Russia. Individual works by authors such as Dostoevsky, Tolstoy, and Solzhenitsyn will be discussed. Issues such as social philosophy, political philosophy, and attitudes towards Russian identity will be studied.

### **HIST-3515(6) MATERIAL CULTURE IN THE HISTORY OF THE ABORIGINAL PEOPLES OF CANADA (Le, S3)**

This lecture/seminar course traces Canadian Aboriginal history from pre-contact times to the early 20th century through a

close examination of Aboriginal and fur trade material culture. Throughout the course of the fur trade Aboriginal people and Europeans exchanged and adopted various technologies. These exchanges were of critical importance in shaping relations between Euro-American traders and Aboriginal peoples. This course explores various ways in which Aboriginal and European technologies complemented each other and highlights the non-material meanings associated with particular artefacts. We examine the social, cultural and spiritual connotations that Aboriginal artefacts held and that European-introduced technologies and materials acquired.

**CROSS-LISTED:** Anthropology ANTH-3515(6).

### **HIST-3518(3) HISTORY OF THE ABORIGINAL PEOPLES OF THE NORTHERN PLAINS (Le, S3)**

This lecture-seminar traces the history of Aboriginal Peoples on the Northern Plains from the pre-contact period to the mid 20th century on both sides of the present Canadian-U.S. border. Ancient plains cultures, the introduction of European technologies, the fur trade, struggles for regional dominance and control over resources, advancing European settlement, and the establishment of reservations/reserve constitute the major topics of this lecture seminar. In a comparative approach, this course explores critical differences and similarities in Aboriginal history on both sides of the Canadian and US border.

**CROSS-LISTED:** Anthropology ANTH-3127(3).

### **HIST-3519(3) ABORIGINAL PEOPLES AND TREATIES**

**(Le, S3)** This course examines treaties and treaty-making between indigenous peoples and European colonial powers and their successor states from the early colonial period to the late nineteenth century. Topics include European claims to the Americas, European and indigenous ways of treaty making, indigenous concepts of land-ownership, United States and Canadian treaty policies, treaty making in Australia and New Zealand, and the enduring struggles for treaty rights by indigenous peoples. A number of treaties are analyzed in class as historical documents.

### **HIST-3525(3) HISTORY OF THE MÉTIS IN CANADA**

**(Le, S3)** This lecture/seminar course traces the history of people of mixed Aboriginal/European descent from their origins in New France and the fur trade to the modern period. Special attention is given to family and community history. Comparative studies help us understand why a Métis political and ethnic consciousness develops in some settings but not in others.

### **HIST-3526/HIST-4526(3) ETHNOHISTORIC METHODS**

**AND THEORY (Le, S3)** Ethnohistory combines ethnographic and historical methods to study changes in cultures over time. In this course students gain a theoretical understanding of ethnohistory through a series of readings that explore differences between oral and written texts. They also gain a practical understanding of the discipline through the transcription of an oral text, which is contextualized through library and/or archival research. Honours study at the 4000 level requires independent work and advanced engagement with the discipline.

**RESTRICTIONS:** Students may not receive credit for both HIST-3526(3) and HIST-4526(3).

**CROSS-LISTED:** Anthropology ANTH-3117/ANTH-4117(3).

### **HIST-3527(6) HISTORY OF THE ALGONQUIAN NATIONS**

**(Le, S3)** In this lecture/seminar course we trace the histories of the Algonquian peoples from the earliest times to the early-twentieth century. Emphasis is placed on those Algonquian Nations living within Canada's boundaries - Ojibwa, Cree, Innu, Odawa, Mi'kmaq and Potawatomi. Oral records, documentary sources, and secondary materials are used to present the Aboriginal perspective throughout the course. Topics include group origins; gender relations; political, military and social development; as well as the effect of contact and Indian policies.

### **HIST-3528(3) HISTORY OF EASTERN AND SUBARCTIC ALGONQUIAN PEOPLES (Le, S3)**

This lecture/seminar

course traces the histories of eastern and subarctic Algonquian peoples from the Powhatans and Mi'kmaq to the Ojibwe and Cree, from earliest times to the early twentieth century. Oral records, documentary sources, and secondary materials are used to present and juxtapose Aboriginal and European perspectives throughout the course. Topics include group origins, languages, gender relations, and cultural, political, and social history, as well as the effects of contact and governmental policies.

**CROSS-LISTED:** Anthropology ANTH-3528(3)

**HIST-3532(3) HISTORY OF THE IROQUOIAN PEOPLES**

**(Le, S3)** This lecture/seminar course examines the history of the Iroquoian peoples in Eastern North America from the precontact time until the present. Emphasis is placed on the Iroquois Confederacy and the Huron (Wendat) peoples living in Canada and the United States. Topics include the origins of the Iroquois Confederacy, the fur trade and Christian missions, the Iroquois Wars and the destruction of Huronia in 1649, the dispersal and migration of Iroquois and Huron communities through the Great Lakes region and the Saint Lawrence Valley, and the influence of the Canada-US border on Iroquois communities.

**CROSS-LISTED:** Anthropology ANTH-3128(3).

**HIST-3540(6) CRITICAL ISSUES IN THE HISTORY OF CANADIAN POLITICS, NATIONALISM, AND INTERNATIONAL RELATIONS (Le, S3)**

This lecture/seminar course will address the development of Canadian nationhood through the examination of such critical issues as the following: the Canadian political tradition and its British and American heritage; changing constitutional relationships between colony and empire and between Dominion and provincial governments; Canadian-American relationships and the implications of defence and strategic concerns for nationhood.

**HIST-3541(3) MENNONITES IN CANADA (Le, S3)** This lecture/seminar course will survey major developments in Canadian Mennonite communities from 1786 to the present. It will trace the following themes: the Swiss American and Russian roots of Canadian Mennonites; community formation in Ontario and Western Canada; Anabaptism in everyday life (especially the way it was played out in the family); theological developments in the late 19th and 20th centuries; the survival of Mennonite faith distinctive in the urban and socially integrated Canadian society since World War II. Special emphasis will be placed on establishing the unique features of Canadian Mennonite experience.

**CROSS-LISTED:** Mennonite Studies MENN-3541(3).

**HIST-3542(6) GENDER, CLASS, AND ETHNICITY IN CANADIAN HISTORY (Le, S3)** Lectures and seminars in this course will examine how gender, social class, and ethnicity have influenced Canadian history. Topics will include the evolution of gender relations, emergence of social and political movements, and the complexities of ethnic and racial relations in Canada.

**RESTRICTIONS:** Students with standing in the former HIST-3530(6) may not receive credit for HIST-3542(6).

**HIST-3543(6) IMMIGRATION TO CANADA (Le, S3)** This lecture/seminar course examines the complex history of immigration to Canada. Topics will include an examination of the social, economic, and political conditions motivating immigrants to leave their homelands in the British Isles, Europe, Asia, Latin America and elsewhere for Canada, their strategies for adaptation to life in Canada, and the response of Canadian society to their presence. The lectures and seminars also will compare the Canadian immigrant experience with the experiences of the United States and other countries.

**HIST-3544(6) HISTORY OF WINNIPEG (Le, S3)** This lecture/seminar course examines the history of Winnipeg from the mid-nineteenth century to the present. The lectures and seminars will focus on the industrial, social, political, and cultural history of the city and explore this past within the context of the history of western Canada.

**RESTRICTIONS:** Students with standing in the 3 credit hour course History of Winnipeg, either as the former HIST-3551(3) or HIST-3511(3), may not enrol in this course without permission of the instructor.

**HIST-3545(6) HISTORICAL PERSPECTIVES ON WOMEN IN CANADA (Le, S3)**

This lecture/seminar course explores themes in North American women's and gender history, with particular emphasis on the Canadian context. The course will chart the evolution of women's/gender history and examine women's lives in the past. Students will analyse the practice and politics of writing history and the challenges of documenting and writing women's lives.

**RESTRICTIONS:** Students with standing in the former HIST-3599(6) may not receive standing for HIST-3545(6).

**HIST-3546(3) THE STATE AND ENTERPRISE: HISTORICAL STUDIES IN GOVERNMENT REGULATION OF BUSINESS IN CANADA (Le, S3)**

This lecture/seminar course examines the relations that have existed between government and business in Canada from the colonial era to the late twentieth century. The central problem of the course will be to evaluate the role of the state in sanctioning, both positively and negatively, business activities in this country. More specific themes may include the opportunities for colonial business within an imperial system in the eighteenth and early nineteenth centuries; the role of the state in creating the conditions necessary for the emergence of industrial capitalism from the mid-nineteenth to the early twentieth centuries; the regulation of employment relations and trade union organization from the late nineteenth century; the protection of consumers from the late nineteenth century; the use of fiscal and monetary policy to stabilize the economy from the 1930s; the role of the government as a business through crown corporations in the twentieth century.

**HIST-3547(3) QUEBEC SINCE 1830: REBELLIONS, REVOLUTIONS AND REFERENDA (L3, S3)**

This lecture/seminar course will examine the history of Lower Canada/Quebec from the Rebellions of the 1830s to the 1995 referendum with particular emphasis on the twentieth century. It will survey political, economic, social, and cultural developments in Quebec over four periods: the industrial (1840s to 1870s), industrial capitalist (1880s to the 1920s), the "pre" modern (1930s to 1950s) and the modern (beginning in the 1960s). Themes will include the changing nature of French Canadian/Quebec nationalism; the transition to industrial capitalism and the rise of the working class; the evolution of cultural, social, and political institutions; and the place of Montreal in Quebec society.

**HIST-3548(6) ALTERNATIVE VISIONS: REBELS AND REVOLUTIONARIES IN CANADIAN (Le, S3)**

This lecture/seminar course examines critically the cultural, social and organizational development of the anarchist, feminist, labour, and socialist movements of late nineteenth and twentieth century Canada. Topics include the origins of the first workers' movements; the history of the One Big Union and the Winnipeg General Strike; early feminist organizations, including the Women's Labour League; the founding of communist, socialist, and labourist parties; the Progressive Arts Movement & conflicts with the state in the 1930s; Student and Women's movements in the 1960s; Nuclear Disarmament Campaigns; and the emergence of the social justice/anti-globalization movements.

**HIST-3552(6) REGIONALISM AND THE HISTORY OF THE CANADIAN WEST (Le, S3)**

By examining the history of the Canadian West from 1870 to the present, this lecture-seminar course will explore the establishment and reproduction of a system of political economy which has created regional disparities in Canada. Consideration will be given to the process of capitalist development and the role of government policy in promoting and redressing disparities. Also, attention will be directed to the emergence of regionalism as an ideology. Where appropriate, comparisons will be drawn between the experiences of western Canada



and those of other regions of the country, as well as with the American West.

**RESTRICTIONS:** Students with standing in the former HIST-3550(6) or HIST-3551(3) may not receive standing for HIST-3552(6).

**HIST-3560(6) THE GERMAN-CANADIAN PRESENCE IN CANADIAN HISTORY (Le, S3)** This lecture/seminar course will focus upon the European origins of German-speaking immigrants to Canada, their settlement patterns, and their social, political, and economic roles. In addition, the course will examine both the effects of international events upon the German-speaking population and their place in the Canadian cultural mosaic. Please see the Department for a specific course description. A knowledge of German is not required.

**HIST-3561(3) GERMAN-CANADIAN IDENTITY - HISTORICAL PERSPECTIVES (Le, S3)** This lecture/seminar course will explore questions of ethnic identity, using the example of German Canadians. While students will develop their individual research projects related to the broader issue of ethnicity, class discussion will focus on the historical presence of German speakers in Canada, their settlement patterns, their relationship to political culture and the Canadian state, and perceptions and self-images of German Canadians. A knowledge of German is not required.

**RESTRICTIONS:** Students with standing in the former HIST-3560(6) may not receive credit for HIST-3561(3).

**HIST-3603(3) UNITED STATES, 1878-1929 (Le, S3)** This lecture/seminar course will treat major political changes in the period from the end of Reconstruction to the stock market crash of 1929. In addition to studying styles of political leadership, the social and cultural basis of politics will be explored. The concluding unit will discuss the "prosperity decade" of the 1920s.

**HIST-3604(3) UNITED STATES, 1929-1988 (Le, S3)** This lecture/seminar course will treat the grand themes of reform and conservatism in American politics from the Great Depression to the Reagan era. Various forms of social protest will also be explored, as will selected themes in diplomatic history. The studies will conclude with the presidency of Ronald Reagan.

**HIST 3609(6) HISTORY OF NATIVE AMERICAN PEOPLES OF THE UNITED STATES (Le, S3)** This lecture/seminar course examines the history of the Native American peoples in the continental United States from the colonial period to the present. Topics include Native American and European backgrounds; Spanish, English, French, and Dutch interactions with Native American peoples; the Revolutionary Era; Indian Removal; the wars on the Great Plains; the Reservation Era; the Indian New Deal; Termination and Relocation; the period of self-determination; and casinos.

**RESTRICTIONS:** Students with standing in the former HIST 2609(6) may not receive credit for HIST-3609(6).

**HIST-3611(6) COLONIAL AMERICA, 1492-1783 (Le, S3)** This lecture/seminar course examines the American Colonies from their earliest beginnings to the Treaty of Paris. It examines the process of colonization; the development of societies in the American colonies; the colonies' role in the British Empire and the causes and consequences of the American Revolution.

**RESTRICTIONS:** Students with standing in HIST-3601(6) may not receive credit for HIST-3611(6).

**HIST-3612(3) RELIGION IN AMERICAN HISTORY (Le,S3)** This lecture/seminar course is a survey of religious thought, influence, and institutions in American life that ranges from the Puritan and Quaker societies of Colonial America to the cults and sects of the present; the effects on society of both the large mainstream churches and the small unconventional ones.

**RESTRICTIONS:** Students with standing in HIST-3605(3) may not receive credit for HIST-3612(3).

**HIST-3701(6) MODERN AFRICA (Le, S3)** Studies in African history from the slave trade to the age of independence. Emphasis on the African response to European ambition and the role of nationalism, tribalism, Islam, and Westernization in the shaping of modern Africa.

**HIST-3703(3) SOUTH AFRICA IN THE MODERN WORLD (Le,S3)** This course is an analysis of the political, economic, and social determinants of apartheid in the twentieth century.

**HIST-3704(3) WEST AFRICA IN THE TWENTIETH CENTURY (Le,S3)** This course offers selected studies in the development of new states from the beginnings of colonial rule to the present. Emphasis will be placed upon Ghana and Nigeria as models of the decolonization and independence experience.

**HIST 3706(6) COLONIALISM AND NATIONALISM IN INDIA (Le, S3)** Using several disciplinary perspectives, this course examines the history of colonial India from the period of first contact with Europeans to the partition of the subcontinent in 1947. Topics include the colonization by European powers, the structures and processes of colonialism, resistance to colonialism, the emergence of nationalism, nationalist leadership, and partition.

**HIST-3708(3) WOMEN'S HISTORY IN SOUTH ASIA (Le,S3)** This lecture/seminar course examines selected aspects of women's history in South Asia in the period c. 1750 to the present. Issues covered include the social history of women's roles within the family and the kin network, women's labour, women and religion, women's education, women and politics, and the movement for women's rights.

**HIST-3801(6) HISTORY OF MEDIEVAL ART (Le, S3)** The lecture/seminar course traces the history of European painting, sculpture, and architecture during the Middle Ages.

**HIST-3802(6) HISTORY OF RENAISSANCE ART (Le, S3)** The lecture/seminar course traces the history of European painting, sculpture, and architecture during the Renaissance of the fourteenth, fifteenth, and sixteenth centuries.

**HIST-3803(6) ASPECTS OF SEVENTEENTH AND EIGHTEENTH-CENTURY ART (Le,S3)** The visual arts of Italy, France, England, Spain, and the Netherlands will be considered against the background of social, economic, political, and religious change in the seventeenth and eighteenth centuries. Possible topics to be examined include the position in art and society of women artists; the cultural effects of colonialism; philosophies of reality and morality; and patronage and the economics of the art market.

**HIST-3807(6) TOPICS IN TWENTIETH CENTURY CANADIAN ART (Le,S3)** This is an advanced lecture/seminar course examining various areas in twentieth-century Canadian art. We will address issues such as the taxonomy of style - realism, abstract expressionism, minimalism; problems of value - dealers, galleries, craft, design and electronic imaging; and the politics of art - feminism, regionalism, First Nations, ethnicity, ordinary people and government funding. The first part of the course will cover issues that affect the country as a whole, within the global context. Assignments will be focused on art historical writing and criticism. The latter part of the course will deal with Manitoba's culture, particularly unknown and forgotten women artists. This will involve individual student projects and primary research in local archives and collections.  
**RESTRICTIONS:** Students with standing in HIST-3820(3) or HIST-3821(3) may not receive credit for HIST-3807(6).

**HIST-3809(6) NINETEENTH-CENTURY ART IN CONTEXT (1776-1900) (Le,S3)** This lecture/seminar course will focus on the major artistic movements of Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism within the context of the social and political upheavals of the nineteenth century. We will explore the

relations between popular culture and the fine art of the ruling class, between ideology and artistic practice, between the revolution of the avant-garde and of the people, and among industry, exploitation, and empire, and between women as artists and as subjects of art.

**RESTRICTIONS:** Students with standing in HIST-3804(6), HIST-3817(3) or HIST-3818(3) may not receive credit for HIST-3809(6).

**HIST-3810(6) ART OF THE TWENTIETH CENTURY (1900 to the present) (Le, S3)** We will examine the development of abstraction and expression in art from 1900 to the present, particularly the relation of artistic movements to the political and historical context. The roles of war, sexuality, money, and the cult of personality in the production and reception of art will be addressed within a framework of critical analysis, including formalism, Marxism, the feminist critique, and post-modern deconstruction. A wide range of media will be explored including the arts of film, dance, sculpture, painting, and architecture.

**RESTRICTIONS:** Students with standing in HIST-3819(3) or HIST-3820(3) may not receive credit for HIST-3810(6).

**HIST-3811(6) WOMEN, ART, AND SOCIETY (Le,S3)** This lecture/seminar course will consider the new approaches offered by critical theory, psychology, postmodernism, and feminism to the practice of art history and to the history of art in a wide selection of different cultures and periods. The role of women in the production of art will be re-evaluated, the rediscovery of forgotten arts and women artists will be studied, and the representation of women in art will be analyzed. The creative process, art history as a discipline, and the role of art in society from traditional craft and "fine" art to film and advertising will be explored in the light of women's experience.

**HIST-3813(3) ART HISTORY IN FOCUS (Le, S3)** This lecture/seminar course offers students the opportunity for intensive study of a single artist's work or artistic movement on whose work there is a significant body of art historical writing and criticism. Each time the course is offered the name of the artist or movement in focus will be listed in the Timetable.

**HIST-3814(3) ABORIGINAL ARTS (Le, S3)** This lecture/seminar course offers an introduction to the arts of Aboriginal peoples with a focus on contemporary First Nations art in Canada. Students explore critical approaches to the social and political issues surrounding tradition, appropriation, modernity, and personal identity in our survey of visual art. Forms examined may include painting, sculpture, print making, installation, dance, music, theatre, new media, and performance. Local artists, exhibitions, and collections offer students first-hand experience of current First Nations and Métis art production in Manitoba.

**HIST-3815(6) ART HISTORY AND EXHIBITION PRACTICE (Le, S3)** This course brings students into first hand contact with selected art objects in order to learn how to design and mount an exhibition. The class examines works in their social, historical, and artistic contexts, using primary sources and technical resources available locally wherever possible. Students learn the practical aspects of art historical work.

**HIST-3816(6) ART AND ARCHITECTURE OF PILGRIMAGE (Le, S3)** This course is an introduction to the history of pilgrimage art and architecture from the Middle Ages to the Modern era. Medieval and Post-Medieval pilgrimages are used as a laboratory for investigating the topic of the journey to a shrine for the realization of spiritual benefits or the fulfilment of personal motives. Class discussions and lectures on the experience of pilgrimage and its visual ways of expression might include: the major pilgrimages to Christian, Muslim, Hindu and Jewish sites, and the later pilgrimages to North-American shrines.

**HIST-3817(3) NINETEENTH-CENTURY ART IN CONTEXT I (1776-1870) (Le, S3)** This lecture/seminar course will include the Neoclassical, Romantic, and Realist movements

in art, concluding with the early experiments of the Impressionists. We will explore the relations between popular culture and the fine art of the ruling class, between ideology and artistic practice, between the revolution of the avant-garde and of the people, and among industry, exploitation, and empire, between women as artists and as subjects of art.

**RESTRICTIONS:** Students with standing in HIST-3804(6) or HIST-3809(6) may not receive credit for HIST-3817(3).

**HIST-3818(3) NINETEENTH-CENTURY ART IN CONTEXT II (1870-1900) (Le, S3)** This lecture/seminar course will include the Post-Impressionist and Symbolist movements in art, from Gauguin and Seurat to Cezanne and early Picasso. We will explore the relations between popular culture and the fine art of the ruling class, between ideology and artistic practice, between the revolution of the avant-garde and of the people, and among industry, exploitation, and empire, between women as artists and as subjects of art.

**RESTRICTIONS:** Students with standing in HIST-3804(6) or HIST-3809(6) may not receive credit for HIST-3818(3).

**HIST-3819(3) ART IN THE TWENTIETH CENTURY I (1900-1945) (Le,S3)** We will examine the development of abstraction and expression in art from 1900 to 1945, particularly the relation of artistic movements in art to the political and historical context. The roles of war, sexuality, money, and the cult of personality in the production and reception of art will be addressed within a framework of critical analysis, including formalism, Marxism, the feminist critique, and post-modern deconstruction. A wide range of media will be explored, including the arts of film, dance, sculpture, painting, and architecture.

**RESTRICTIONS:** Students with standing in HIST-3810(6) may not receive credit for HIST-3819(3).

**HIST-3820(3) ART IN THE TWENTIETH CENTURY II (1945 TO THE PRESENT) (Le,S3)** We will examine the development of abstraction and expression in art from 1945 to the present, particularly the relation of artistic movements in art to the political and historical context. The roles of war, sexuality, money, and the cult of personality in the production and reception of art will be addressed within a framework of critical analysis, including formalism, Marxism, the feminist critique, and postmodern deconstruction. A wide range of media will be explored, including the arts of film, dance, sculpture, painting, and architecture.

**RESTRICTIONS:** Students with standing in HIST-3810(6) may not receive credit for HIST-3820(3).

**HIST-3821(3) TOPICS IN TWENTIETH-CENTURY CANADIAN ART I (ISSUES) (Le, S3)** This is an advanced lecture/seminar course examining various areas in twentieth-century Canadian art in a global context. We will address issues such as the taxonomy of style - realism, abstract expressionism, minimalism; problems of value - dealers, galleries, craft, design and electronic imaging; and the politics of art - feminism, regionalism, First Nations, ethnicity, ordinary people, and government funding. This course will cover issues that affect the country as a whole, within the global context. Assignments will be focused on art historical writing and criticism.

**RESTRICTIONS:** Students with standing in HIST-3807(6) may not receive credit for HIST-3821(3).

**HIST-3822(3) TOPICS IN TWENTIETH-CENTURY CANADIAN ART II (RESEARCH PROJECT) (Le, S3)** This is an advanced lecture/seminar course examining various areas in twentieth-century Canadian art in a global context. We will address issues such as the taxonomy of style - realism, abstract expressionism, minimalism; problems of value - dealers, galleries, craft, design and electronic imaging; and the politics of art - feminism, regionalism, First Nations, ethnicity, ordinary people, and government funding. This 3 credit hour course will focus on Manitoba's culture, particularly unknown and forgotten women artists. This will involve individual student projects and primary research in local archives and collections.

**RESTRICTIONS:** Students with standing in HIST-3807(6) may not receive credit for HIST-3822(3).

**HIST-3824(3) HISTORY AND THEORY OF DANCE AND ART (Le, S3)** Dance is a visual art that lives in both time and space. We will explore the social, historical and aesthetic relationships of dance to other art forms such as painting, sculpture, architecture, performance, and video from antiquity to the present. Differences of class, gender and culture as well as questions of identity and the body will be central to our study.

**HIST-3825(6) THEORIES AND METHODS FOR ART HISTORY (Le,S3)** This lecture/seminar course explores various traditional art historical and critical approaches to the study of art including visual analysis, biography, iconography, and more recent theories such as historiography, feminism, and postmodernism. Museums, galleries, and the art market as well as techniques and conservation are also considered. Research methods for art historians are put into practice in written assignments and, whenever possible, field trips to local sites and exhibitions take place during class time.

**HIST 3829(3) MODERN ARCHITECTURE AND DESIGN (Le, S3)** This course examines the major monuments, architects, and theories of nineteenth and twentieth century architecture, urbanism, landscape design and interior design. The discussion topics include the architectural responses arising from the issues of "Modernity" such as industrialization, new technologies, nationalism, and constructs of "nature".

**HIST 3831(3) ISLAMIC ART AND ARCHITECTURE (Le, S3)** This course examines Islamic art and architecture from the rise of Islam in the seventh century to the nineteenth century, concentrating on the period 1250-1800. The course also considers cross-cultural influences and contrasts between the Islamic world and Europe. Topics include the 'reluctance' towards figural imagery, regional mosque architecture, and book illumination. Dynasties include Timurid, Safavid, Ottoman, Mamluk, and Mughal.  
**CROSS-LISTED:** Religious Studies: REL 3712(3)

**HIST-3901(3) THE SCIENTIFIC REVOLUTION (Le, S3)** This lecture/seminar course is a study of early modern natural philosophy. Scientific developments from 1540 to 1700 will form the subject matter, but additional themes include the following: the changing relationship between science and other forms of knowledge such as philosophy, magic, and theology; and the social significance of science in the early modern period.  
**RESTRICTIONS:** Students with standing in the former HIST-2905(3) or HIST-3905(3) may not receive credit for HIST-3901(3).

**HIST-3902(3) THE DARWINIAN REVOLUTION (Le, S3)** This lecture/seminar course examines the genesis, development, and assimilation of Charles Darwin's theory of evolution by natural selection. Topics include the historical sciences (e.g., geology, paleontology) before Darwin, pre- and non-Darwinian theories of evolution, the sources of Darwin's theory; and the social, scientific, and religious legacy of Darwin.  
**RESTRICTIONS:** Students with standing in the former HIST-2906(3) and HIST-3906(3) may not receive credit for HIST-3902(3).

**HIST-3903(3) CLASSICAL AND MEDIEVAL SCIENCE (Le, S3)** This lecture/seminar course examines the theories, experiments, and calculations of Greek, Roman, and European scientists before the Scientific Revolution of the seventeenth century. As well as considering the work of the major contributors to astronomy, physics, and mathematics in this period, the course will place their ideas and the work of the schools of Greece, Rome, and medieval Europe within their social, cultural, and intellectual contexts.  
**RESTRICTIONS:** Students with standing in the former HIST-3211(3) may not receive credit for HIST-3903(3).

**CROSS-LISTED:** Classics CLAS-3211(3).

**HIST-3904(3) THE EINSTEINIAN REVOLUTION (Le, S3)** This lecture/seminar course is an introduction to the history of physics and cosmology in the twentieth century with particular attention given to the role of Albert Einstein. Emphasis will be placed upon the origin, exposition and development of Einstein's Relativity Theory and the rise of Quantum Physics (particularly the debate between Einstein and Niels Bohr over its physical interpretation).  
**RESTRICTIONS:** Students with standing in the former HIST-2908(3) may not receive credit for HIST-3904(3).

**HIST-3913(3) THE HISTORY OF DISEASE (Le, S3)** This lecture/seminar course surveys humanity's experiences with disease and analyzes its historical study. The course emphasizes epidemic diseases though non-infectious diseases are also considered. The objective is to examine, through the lens of history, popular and medical constructions of disease, the pattern of disease and its impact in any given society, and the medical, social, and cultural responses to it.

**HIST-4000(3) TUTORIAL (S3)** This is a reading course by individual senior students with the Instructor of their choice.  
**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4100(6) TUTORIAL (T)** This is a reading course in World History taken by individual senior students with the Instructor of their choice.  
**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4103(6) COLONIZATION AND THE AGE OF MODERNITY IN LATIN AMERICA (S3)** This course examines the relationship between modernity and colonization in Latin America. It addresses how modern Latin American societies are shaped by their experiences under colonialism. It also examines the relationship between globalization and developments in Latin America at the regional, national, and local levels.

**HIST-4111(6) FRONTIERS AND BORDERLANDS (S3)** This seminar course uses the concepts of frontiers and borderlands to analyze relations between indigenous peoples and expanding empires in world history. After a discussion of the historiography of frontiers and borderlands we will apply these concepts to Ancient Rome, China, the Eurasian steppe, South Africa, the Americas, and Australia. Considerable attention is given to the creation and persistence of borderlands in North America. Finally, the course discusses the many ways in which frontiers and borderlands are presented in literature, art, film, and public history.

**HIST-4113(6) SLAVERY IN THE AMERICAS (S3)** This course examines selected topics in the history of black enslavement and race relations in the United States, the West Indies, and Brazil from 1600 to the present.  
**RESTRICTIONS:** Students with standing in HIST-4102(6) may not receive credit for HIST-4113(6).

**HIST-4121(6) SEX, RACE, AND GENDER IN THE EARLY MODERN PERIOD (S3)** This seminar deals with the history of ideas about humankind in the early modern period, c.1450-1650. Through readings of primary and secondary sources, students examine the theoretical frameworks in the early modern period used in the classification of human beings, especially in reference to sexuality, race, and gender, with links made to other social constructs of differentiation, including socio-economic rank or station, and religion. The seminar explores these ideas in the context of early overseas colonization.  
**RESTRICTIONS:** Students with standing in HIST-4217(6) may not receive credit for HIST-4121(6).

**HIST-4200(6) TUTORIAL (T)** This is a reading course in Pre-Industrial Europe by individual senior students with the Instructor of their choice.

**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4210(6) CHURCH AND STATE IN MEDIEVAL EUROPE (S3)** This course examines selected problems in the various types of relationship of ecclesiastical and feudal governments in Western Europe during the Medieval period, with emphasis upon Augustinian ideas, the examples of Charlemagne, and the struggles over episcopal investiture.  
**RESTRICTIONS:** Students with standing in HIST-4201(6) and HIST-4310(6) may not receive credit for HIST-4210(6).

**HIST-4213(6) TOPICS IN EARLY MODERN WOMEN'S HISTORY (S3)** This senior seminar deals with the history of women in early modern Europe, c.1450-1650. Through the examination of selected topics in women's history, students explore an array of theoretical and methodological approaches. The seminar treats various themes in women's history such as marriage/widowhood law, economy, politics and religion.

**RESTRICTIONS:** Students with standing in HIST-4120(6) may not receive credit for HIST-4213(6).

**HIST-4215(6) FRANCE DURING THE RENAISSANCE AND REFORMATION, 1461-1661 (S3)** This course will treat selected topics in the political, cultural, and social history of France between the reign of Louis XI and the accession to power of Louis XIV. The evolution of the Renaissance and Reformation in France will receive special attention.  
**RESTRICTIONS:** Students with standing in HIST-4204(6) and HIST-4311(6) may not receive credit for HIST-4215(6).

**HIST-4216(6) EARLY MODERN POLITICAL THOUGHT (S3)** This is a study of the political thinking in Europe from the Renaissance through the Enlightenment. Selected classical treatises will be examined both for their intrinsic value and coherence and for their usefulness in understanding the historical circumstances in the period. Students will read works by Renaissance humanists, religious reformers, advocates of resistance, divine right theorists, social contract thinkers, and Enlightenment philosophers.

**RESTRICTIONS:** Students with standing in HIST-4206(6) and HIST-4312(6) may not receive credit for HIST-4216(6).

**HIST-4300(6) TUTORIAL (T)** This is a reading course in Modern European History taken by individual senior students with the Instructor of their choice.

**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4313(6) STUDIES IN MODERN FRENCH HISTORY (S3)** This course studies France since the Bonapartes, with particular emphasis on the rise and fall of the Third Republic (1870-1940). Topics will range from the intellectual and social, through the military and diplomatic, to the economic and political.

**RESTRICTIONS:** Students with standing in HIST-4302(6) may not receive credit for HIST-4313(6).

**HIST-4314(6) STUDIES IN EUROPEAN DIPLOMACY 1870-1919 (S3)** This course studies the origins and immediate aftermath of World War One. Students will examine various topics, e.g., Bismarck's diplomacy, the New Imperialism, the decline of British power, the role of internal factors in policy making, the Great War itself, and the peace settlement.

**HIST-4315(6) EUROPE IN CRISIS, 1914-1945 (S3)** In this course students will select topics in the history of Europe from World War One to the end of World War Two. Topics may range from intellectual and cultural, through military and diplomatic, to economic and political.

**RESTRICTIONS:** Students with standing in HIST-4304(6) may not receive credit for HIST-4315(6).

**HIST-4316(6) STUDIES IN MODERN BRITISH HISTORY (S3)** This course studies the social and political history of Great Britain during the 18th and 19th centuries. Political and constitutional problems will be treated in their relationship to patterns of social change.

**HIST-4317(6) STUDIES IN MODERN RUSSIAN HISTORY (S3)** This course studies modern Russian History, examining the social, political, economic, and intellectual development of Russia since 1700 within a specific time period to be determined by the instructor.

**RESTRICTIONS:** Students with standing in HIST-4301(6) may not receive credit for HIST-4317(6).

**HIST-4500(6) TUTORIAL (T)** This is a reading course in Canadian History taken by individual senior students with the Instructor of their choice.

**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4530(6) ADVANCED STUDIES IN CANADIAN SOCIAL HISTORY (S3)** Seminars in this course will address the interpretations and debates that have arisen in the literature on Canadian social history. Students will also undertake a research project using primary sources to explore a problem of relevance to the course. Topics will include ethnic and native history; social classes, business and labour history; the history of the family, women, and gender relations; and cultural and intellectual history. Please see the Department for a specific course description.

**HIST-4535(6) IMMIGRATION AND ETHNICITY IN CANADA AND THE UNITED STATES (S3)** This research seminar examines the history of immigration to North America between 1860 and 1960. The course focuses on the nature of migration patterns and the adaptation of immigrants to the new world, especially the rise of ethnic identities. The course discusses the similarities and differences in the Canadian and American immigrant experience.

**CROSS-LISTED:** Mennonite Studies MENN-4535(6).

**HIST-4540(6) ADVANCED STUDIES IN THE HISTORY OF CANADIAN POLITICS, NATIONALISM AND INTERNATIONAL RELATIONS (S3)** Seminars in this course will address the interpretations and debates that have risen in the literature on the history of Canadian politics, nationalism, or international relations. Students will also undertake a research project using primary sources to explore a problem of relevance to the course. Please see the Department for a specific course description.

**HIST-4550(6) ADVANCED STUDIES IN THE HISTORY OF CANADIAN REGIONS AND COMMUNITIES (S3)** Seminars in this course will address the interpretations and debates that have arisen in the literature on the history of Canadian regions and communities.

**HIST-4560(6) TOPICS IN THE GERMAN-CANADIAN PRESENCE IN CANADIAN HISTORY (S3)** In this course, students will undertake research on a variety of specialized subjects relating to the political, social, and economic experiences of German speaking immigrants to Canada. In addition, students may also examine cultural and literary topics. While students will find at least a rudimentary knowledge of German useful, it is not a requirement for the course. Please see the Department for a specific course description.

**HIST-4570(6) ABORIGINALS AND NEWCOMERS IN ENCOUNTER: SELECTED TOPICS (S3)** This seminar will explore social and cultural interactions among Euro-Canadians and Aboriginal peoples, paying particular attention to Subarctic fur trade and mission contexts. After sampling recent writings in ethnohistory and Aboriginal history, the course will draw on archival, visual, and oral records to offer some first-hand experience in dealing with primary source materials in this field of study.  
**CROSS-LISTED:** Anthropology ANTH-4105(6).

**HIST-4580(6) THE INTERPRETATION OF CANADIAN HISTORY: HISTORIOGRAPHICAL ISSUES (S3)** This seminar will discuss the ways in which the interpretation of Canadian history has changed from the mid-nineteenth century to the present. More specifically, the course will explore the implications which contemporary inquiries into class, race, and gender as forces in history have for national interpretations. Can the rise of the nation state be sustained as the most appropriate paradigm for the study of the Canadian experience in light of recent historiographical debates?

**HIST-4590(6) FAMILY, STATE AND SOCIETY: THEMES IN THE HISTORY OF REGULATION (S3)** This research seminar focuses on the intersections of family, state, and 'the social' across the 19<sup>th</sup> and 20<sup>th</sup> centuries. The course will begin by examining the evolution of historical work on social control and regulation; it will conclude with students conducting primary source research. The course's two main themes - the regulatory function of the law (state) and education - give rise to a broad range of topics; incarceration; policing; common/civil law and marriage; juvenile justice; family violence; the welfare state; the rise of compulsory schooling; and constructions of, and education for, childhood, adolescence, motherhood, and fatherhood. While chiefly a Canadian history course, American and Western European historical literature are also examined.

**HIST-4600(6) TUTORIAL (T)** This is a reading course in United States History taken by individual senior students with the Instructor of their choice.  
**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4601(6) COLONIAL NEW ENGLAND, 1620-1776 (S3)** This course is a study of the New England colonies, including Puritan orthodoxy and dissent, government, economy, culture, the frontier, the family, Indian relations, and war.

**HIST-4604(6) THE AGE OF REFORM IN THE UNITED STATES (S3)** This course studies the problems of social and political reforms in the United States during the twentieth century.

**HIST-4605(6) STUDIES IN INTELLECTUAL AND SOCIAL HISTORY OF THE UNITED STATES (S3)** An introduction to American thought from colonial times to the present; the interaction of ideas and behaviour and the role of various agencies of dissemination; the stress of ideologies upon American social and political life.

**HIST-4610(6) THE ORIGINS OF THE CIVIL WAR IN THE UNITED STATES (S3)** This seminar will examine the origins of the sectional conflict between North and South, the course of the war, and victory of the north. Themes to be explored may include the growth of Southern nationalism, the pre-war crisis of 1850-1860, Lincoln and the "first-shot," and the many disputes over war strategy. Students will be asked to evaluate the differing interpretations that historians have advanced on these issues and to develop their own interpretations in research papers.

**HIST-4700(6) TUTORIAL (T)** This is a reading course in African and Asian History, taken by individual senior students with the Instructor of their choice.  
**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4701(6) STUDIES IN MODERN AFRICAN HISTORY (S3)** This course studies Africa in the twentieth century with particular emphasis on the theories and practices of colonialism, nationalism, development, and independence movements. Area interests will focus on Kenya, Tanzania, Zambia, Ghana, and Nigeria.

**HIST-4702(6) SOUTHERN AFRICA (S3)** This course offers selected topics in the histories of South Africa, Zimbabwe-Rhodesia, Angola, and Mozambique. Research and discussion will analyze in depth the historical confrontation of Black African and White European in the 11th and 20th centuries.

**HIST-4703(6) POSTCOLONIAL INDIA (S3)** This course examines aspects of Indian history in the period since 1947. Issues include the partition of the sub-continent in 1947, the period of Nehruvian socialism, the rise of the Hindu right, dalit politics, aboriginal/tribal secessionist movements, rural and urban poverty, environmental issues, the feminist movement, modern Indian art, architecture and cinema, labour and industrialization, education and economic liberalization.

**HIST-4800(6) TUTORIAL (T)** This is a reading course in History of Art, taken by individual senior students with the instructor of their choice.  
**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4801(6) SPECIAL TOPICS IN ART HISTORY (S3)** This is a seminar devoted to specific issues in or related to art history. The nature and range of topics will depend upon the Instructor written information about the course for any given year will be available to the student from any Art History Instructor.

**HIST 4802(6) FRENCH *FIN-DE-SIÈCLE* ART & CULTURE (1880-1914) (S3)** This seminar examines the dominant issues in France during the *fin-de-siècle*. Working within the critical categories of modernity and anti-modernity, the discussion topics include scientific and pseudo-scientific theories of degeneration, regeneration and evolution, constructs of the "natural," the unconscious, psychology, and notions of hysteria and mediumship. The students seminars focus on how these ideas were reflected in French visual culture at the turn of the century.

**HIST-4900(6) TUTORIAL (T)** This is a reading course in the History of Science, taken by individual senior students with the Instructor of their choice.  
**PREREQUISITES:** Written permission from instructor and Department Chair.

**HIST-4902(6) SELECTED TOPICS IN THE HISTORY OF SCIENCE (S3)** This course studies specific topics in the History of Science (mostly post-Renaissance) with emphasis upon primary sources. This course does not fulfil the Science Requirement.

**HIST-4910(6) THEMES IN THE HISTORY OF MEDICINE (S3)** This seminar course examines various aspects of the history of medicine including: the development of the medical profession; the rise of nursing; the transformation of the hospital; the history of disease; and the growth of medical insurance and socialized medicine.

# HISTORY OF ART (HISA)

**Note: The department/program code HISA replaces the former code 89. The department/program code HIST replaces the former code 29. Students cannot hold credit in HIST-xxxx and the former 29.xxxx having the same course number (e.g., HIST-1010(6) and 29.1010(6)).**

**Coordinator: Associate Professor S. Keshavjee; Professor: D. Topper; Associate Professor: C. Majzels.**

## DEGREES/PROGRAMS OFFERED

### 3-Year BA

#### INTRODUCTION

The History of Art Program focuses on the artistic achievement of previous ages and its relationship to society and culture. The architecture, sculpture and painting produced by a civilization provide an important key to the understanding of that civilization's role in history. By examining visual records of humanity's past, students can further their understanding of political, economic, social and intellectual developments.

The History of Art Program is an Interdisciplinary Program which introduces students to basic concepts in the field of the history of the visual arts; the approach is essentially historical. The Program is administered by the History Department and includes courses from the Departments of Classics and Philosophy. In addition, students in some courses have special access to the resources of the Winnipeg Art Gallery. Students in the History of Art Program may obtain the 3-Year BA degree, or go on with an Honours or 4-Year degree in History with an emphasis on Art History.

A Major in Art History can lead to careers in teaching or in curatorial work at commercial or private galleries and museums. Those interested in pursuing graduate studies will find their way to careers in university teaching and research, governmental research or arts journalism.

## REQUIREMENTS FOR A 3-YEAR BA IN HISTORY OF ART

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 36 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 36 credit hours in History of Art and specified number of credit hours in other Major. These may vary depending on Interdisciplinary courses completed as they may be able to be credited to both Majors.

Required courses:

**HIST-1010(6)** An Introduction to History (Art and Ideas or Art and History section recommended)

**HIST-2800(6)** History of European Art

24 credit hours from the following:

**History:**

**HIST-2801(6)** History of Canadian Art  
**HIST-2802(3/)** Art in Non-Christian Religions  
**REL-2901(3)**  
**HIST-3801(6)** History of Medieval Art  
**HIST-3802(6)** History of Renaissance Art  
**HIST-3803(6)** Aspects of Seventeenth and Eighteenth-Century Art  
**HIST-3807(6)** Topics in Twentieth-Century Canadian Art  
**HIST-3809(6)** Nineteenth-Century Art in Context (1776-1900)  
**HIST-3810(6)** Art of the Twentieth Century (1900 to the present)

**HIST-3811(6)** Women, Art and Society  
**HIST-3813(3)** Art in Focus  
**HIST-3814(3)** Aboriginal Arts  
**HIST-3815(6)** Art History and Exhibition Practice  
**HIST-3816(6)** Art and Architecture of Pilgrimage  
**HIST-3817(3)** Nineteenth-Century Art in Context I (1776-1870)  
**HIST-3818(3)** Nineteenth-Century Art in Context II (1870-1900)  
**HIST-3819(3)** Art in the Twentieth Century I (1900-1945)  
**HIST-3820(3)** Art in the Twentieth Century II (1945 to the present)

**HIST-3821(3)** Topics in Twentieth-Century Canadian Art I (Issues)  
**HIST-3822(3)** Topics in Twentieth-Century Canadian Art II (Research Project)  
**HIST-3824(3)** History and Theory of Dance and Art  
**HIST-3825(6)** Theories and Methods for Art History

**HIST-3829(3)** Modern Architecture and Design  
**HIST-3831(3)** Islamic Art and Architecture  
**HIST-4801(6)** Special Topics in Art History  
**HIST-4802(6)** French *Fin de Siècle* Art and Culture

**Classics:**

**CLAS-2000(3)** Heroic Age of Greece  
**CLAS-2002(3)** Greek Art and Architecture  
**CLAS-2003(3)** Roman Art and Architecture

**Philosophy:**

**PHIL-2219(3)** (OR the former **PHIL-2221(6)**) Philosophy of Art

Students may use one or more individual tutorials from the following as part of the Art History Major with Departmental approval:

**HIST-4800(6)** Honours Tutorial in Art History  
**CLAS-4001(6)** Directed Readings in Monuments of Crete and Athens  
**CLAS-4002(6)** Directed Readings in Monuments of Etruria and Rome

Students are strongly advised to pursue additional courses in foreign languages, Philosophy and History related to the area of emphasis in their Art History Program.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

**HIST-1010(6)** Art and Ideas or Art and History (sections recommended)  
**HIST-2800(6)** History of European Art  
**HIST-3800(6)** Any Group III course in Art History

## GENERAL INFORMATION

### Courses for Credit toward the Major

Courses in the History of Art Program can be used for credit towards a Major in History.

### REQUIREMENTS FOR THE BA HONOURS

The University of Winnipeg does not currently offer a BA Honours degree with the History of Art Major. Students may extend their studies and obtain the BA Honours degree with the History Major by completing 4000-level courses in other Areas of Study. Students are advised to consult the History Department listing for details.

### REQUIREMENTS FOR THE 4-YEAR BA

The University of Winnipeg does not currently offer a 4-Year BA degree with the History of Art Major. Students may extend their studies and obtain the 4-Year BA degree with the History Major by completing the necessary credit hours in other Areas of Study. Students are advised to consult the History Department listing for details.

# HUMAN RIGHTS AND GLOBAL STUDIES (HRGS)

**Director:** Associate Professor Eliakim Sibanda, Department of History and Director of the Institute for Human Rights and Global Studies, Global College. You may also contact Sherry Funk at 988-7105.

## DEGREES/PROGRAMMES OFFERED

3-year BA

4-year BA

## INTRODUCTION

The University of Winnipeg Global College fosters global citizenship and engagement in human rights through interdisciplinary teaching, research, dialogue and action in local global communities. This thematic major was developed by the Institute for Human Rights and Global Studies, within the Global College. It provides a formal structure for students who are committed to obtaining an education organized around questions of social justice, global citizenship, and human rights. A guiding premise is that 'human rights' is understood in multiple ways, and thus this major explicitly adopts an interdisciplinary approach not only in its core courses, but also within and across each of the three streams from which students will choose elective courses. As such, students majoring in Human Rights and Global Studies will be exposed to diverse perspectives from fields such as conflict resolution, gender studies, international development studies, culture and communication, English, politics, history, geography, philosophy, anthropology, economics, and religious studies. It allows an opportunity to explore issues of 'human rights' in a particular context – that defined by globalization.

## REQUIREMENTS FOR A 3-YEAR BA IN HUMAN RIGHTS AND GLOBAL STUDIES

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Director of the Institute for Human Rights and Global Studies to plan their programme. Programme entry requires a minimum GPA of 2.5
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	30 credit hours
Major:	18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Sciences:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing Maximum Introductory courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of six may be below the 1000 level.
Distribution:	A minimum of three (3) credit hours from each of five (5) different subjects
<b>MAJOR REQUIREMENT</b>	
Single Major:	36 credit hours
Double Major:	36 credit hours in Human Rights and Global Studies and specified number of credit hours in other Major, subject or program

**Required Courses: Students must complete the following core courses (9 credit hours):**

<b>POL-2101(6)</b>	Human Rights: from Local to Global
<b>HRGS-3001(3)/HRGS- 4001(3)</b>	Capstone in Human Rights and Global Studies (See experimental courses.)

**Students must complete 18 credit hours selected from the following:**

<b>ANTH/IDS-3160(3)</b>	Cultural Perspectives on Global Processes
<b>CRS-3931(3)</b>	Human Rights and Conflict Resolution
<b>GEOG-2411(3)</b>	Geography of Globalization
<b>POL-2100(6)</b>	Introduction to Global Politics
<b>RHET-2135(3)</b>	Rhetorical Criticism
<b>PHIL/POL-2200(6)</b>	Social and Political Philosophy
<b>SOC-2101(6)</b>	Social Inequality in the Era of Globalization
<b>SOC-3101(6)</b>	Globalization and Social Justice: a Sociological Approach

**Electives:** Students must complete at a minimum an additional 9 credit hours, chosen from any one of the three streams noted below. Their major must also include a minimum of 6 credit hours at the 3000/4000 level in addition to HRGS-3001(3)/HRGS-4001(3).



## REQUIREMENTS FOR A 4-YEAR BA IN HUMAN RIGHTS AND GLOBAL STUDIES

**ADMISSION REQUIREMENT** Students must consult with the Director for the Institute of Human Rights and Global Studies to plan their programme. Programme entry requires a minimum GPA of 2.5

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**

Degree: 60 credit hours  
Major: 30 credit hours

**GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours in Humanities  
Sciences: 6 credit hours in Science  
Social Sciences: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing  
Maximum Introductory courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of six may be below the 1000 level.  
Distribution: A minimum of three (3) credit hours from each of five (5) different subjects

**MAJOR REQUIREMENT**

Single Major: 54 credit hours  
Double Major: 54 credit hours in Human Rights and Global Studies and specified number of credit hours in other Major, subject or program

**Cognates:** Minimum of 18 credit hours/Maximum of 30 hours in ancillary courses. Maximum total of cognate and major courses is 84 credit hours.

**Required Courses: Students must complete the following core courses (9 credit hours):**

**POL-2101(6)** Human Rights: from Local to Global  
**HRGS-3001(3)/HRGS- 4001(3)** Capstone in Human Rights and Global Studies (See experimental courses.)

**Students must complete 18 credit hours selected from the following:**

**ANTH/IDS-3160(3)** Cultural Perspectives on Global Processes  
**CRS-3931(3)** Human Rights and Conflict Resolution  
**GEOG-2411(3)** Geography of Globalization  
**POL-2100(6)** Introduction to Global Politics  
**RHET-2135(3)** Rhetorical Criticism  
**PHIL/POL-2200(6)** Social and Political Philosophy  
**SOC-2101(6)** Social Inequality in the Era of Globalization  
**SOC-3101(6)** Globalization and Social Justice: a Sociological Approach

**Electives:** Students must complete at a minimum an additional 27 credit hours, chosen from **two** of the three streams noted below with a minimum of 12 credit hours coming from **each** of the two streams. Their major must also include a minimum of 15 credit hours at the 3000/4000 level in addition to HRGS-3001(3)/HRGS- 4001(3).

**STREAMS**

**STREAM 1: READING AND WRITING HUMAN RIGHTS**

**RHET-2138(3)** Modern Rhetorical Theory **OR**  
**RHET-2136(3)** Orality and Literacy  
**RHET-2137(3)** Contemporary Communication Theories **OR**  
**RHET-2139(3)** Rhetorics of Visual Representations  
**ENGL-2722(6)** Postcolonial Literatures **OR**  
**RHET-3151(3)** Critical Studies of Discourse  
**RHET-3153(3)** Studies in the Rhetorics of Gender **OR**  
**ENGL-3715(6)** Diasporic Literatures in Canada  
**ENGL-3717(6)** Aboriginal Literatures **OR**  
**ENGL-3901(6)** Twentieth Century Gay and Lesbian Literature  
**SPAN-2384(3)** Modern Peninsular Spanish Literature and Culture **OR**  
**SPAN-2385(3)** Literature and Culture of Post-Franco Spain  
**FREN-3580(3)/4580(3)** Le Siecle des Lumieres **OR**  
**FREN-3581(3)/4581(3)** Eighteenth Century Literature: Lumieres et Revolution

**HRGS Special Topics Numbers 2650; 3650; 4650**

**FREN-3883(3)/4883(3)** Pre-Independence Francophone African Literature **OR**  
**FREN-3884(3)/4884(3)** Francophone Black Feminist Literature

**STREAM 2: SOCIETY, CULTURE, AND ECONOMY**

**CRS-2241(3)** Conflict and Culture  
**ANTH/IDS-2160(3)** Indigenous People and the Industrial State **OR**  
**CRS/IDS-2443(3)** Conflict and Development Issues in Indigenous Communities  
**ECON-2317(3)** Environmental Ethics **OR**  
**GEOG-2417(3)** Introduction to Economic Geography  
**HIST/IDS-2130(6)** A History of the Developing World **OR**  
**ECON-3305(3)** Economic Development  
**REL-2402(3)** Fundamentalisms in Global Perspective **OR**  
**REL-2511(3)** Religion and Society: The Critique of Development  
**SOC-2404(3)** Sociology of Development and Underdevelopment **OR**  
**ECON-3306(3)** International Aspects of Economic Development  
**GEOG-3508(3)** Geographical Issues in the Developing World **OR**  
**POL-3105(6)** Global Political Economy  
**HIST-** One course in Modern African History (at or above the 2000 level) **OR**  
**HIST-** One course in Modern Asian History (at or above the 2000 level)  
**HIST-** One course in Modern Latin American History (at or above the 2000 level) **OR**  
**HIST-** One course on Labor History in Canada (at or above the 2000 level)  
**HIST-** One course in area of Genocide and Ethnic Cleansing (at or above the 2000 level) **OR**  
**HIST-** One course in Modern European History (at or above the 2000 level)

**STREAM 3: INSTITUTIONS, LAW, AND POLITICS**

**PHIL-2208(3)** War and Peace  
**CRS-2231(3)** Violence and Nonviolence **OR**  
**REL-2404(3)** Religion and Culture: Religions in Encounter and Change  
**REL-2405(3)** Religion and Culture: The Multifaith Society **OR**  
**CRS- 2421(3)** Legal Systems and Alternative Dispute Resolution (ADR)  
**SOC-2109(3)** Social Policy and Social Welfare **OR**  
**MULT-3001(3)** Ethics of Globalization  
**IDS/CRS-3901(3)** Humanitarian Aid and Conflict: Do No Harm **OR**  
**POL-3135(6)** Human Security Issues  
**WGS-3242(3)** Women and Peacemaking **OR**  
**PHIL-3215(6)** Philosophy and Social Reality  
**POL-3110(3)** International Organization **OR**  
**POL-2225(3)** The Idea of Democracy  
**POL-3120(3)** International Law **OR**  
**POL-3300(3)** Public Policy Processes  
**POL-3400(3)** Aboriginal Politics in Canada **OR**  
**POL-3405(3)** Aboriginal Politics in Manitoba

# INTERNATIONAL DEVELOPMENT STUDIES (IDS)

(OFFERED IN COOPERATION WITH MENNO SIMONS COLLEGE)

**Note: The department/program code IDS replaces the former code 60. Students cannot hold credit in IDS-xxxx and the former 60.xxxx having the same course number (e.g., IDS-1100(6) and 60.1100(6)).**

**Coordinator: Professor R. Vander Zaag;** Professor: J. Buckland; Assistant Professors: K. Patel, R. Rempel, J. Sears.

## DEGREES/PROGRAMS OFFERED

3-Year BA  
4-Year BA  
Honours BA

## INTRODUCTION

International Development Studies (IDS) is an interdisciplinary major that challenges students to explore the causes and consequences of processes that promote some individuals, communities, and nations, and exclude others. Moreover, IDS students are prepared for citizenship in an increasingly interdependent global community, and are encouraged to envision paths towards a transformed, just world. The IDS program is jointly offered by Menno Simons College (MSC) and the University of Winnipeg. The interdisciplinary major of IDS can be taken alone or can be effectively combined with another major like Anthropology, Economics, Environmental Studies, Politics, or Sociology in a double major or combined major. All MSC students register as University of Winnipeg students, and all degrees are University of Winnipeg degrees. (For additional information about Menno Simons College, see Section XII.)

The IDS program builds on the strength of College-offered interdisciplinary courses, referred to as IDS Core Courses, and University-offered disciplinary courses, referred to as IDS Area Courses. IDS Core Courses accent problem-based analysis and creative thinking within an explicit ethical framework, rooted in community. IDS Core Courses also address both theoretical and practical development issues. IDS Area Courses include key courses offered by traditional disciplines and interdisciplinary programs that have historically been engaged in, or relate to, the study of development. The IDS program focuses on development processes at the global, national and community levels, but gives particular emphasis to development at the community level, and to the work of non-governmental organizations & popular movements. Students in the IDS program are encouraged to engage in experience-based learning through the College's practicum program.

Students choosing to major in IDS should consider the following points:

1. The 3-Year IDS BA is designed to serve students with an interest in international issues, but who are not necessarily planning to seek work or do further study in the field of IDS. The 4-Year IDS BA is designed to serve students who plan to work in the field of development, whether overseas or in North America. The IDS Honours BA is designed to prepare students for graduate studies in IDS or in a related field.
2. From 2007-08 requirements for the 3-Year IDS BA have undergone a small change and requirements for the 4-Year IDS BA have undergone a significant change from 2005-06. Students who have registered at the University of Winnipeg prior to 1 May 2006 may choose to follow the old IDS degree requirements, or to adopt the new ones. Students who register after 1 May 2006 must follow the new requirements detailed below.
3. Please note that some IDS Area Courses have course prerequisites. IDS students are expected to complete these prerequisites or make alternative arrangements with the particular department or program.

**Note:** Courses formerly designated by the department number 98 are now designated as IDS (International Development Studies) or CRS (Conflict Resolution Studies).

## REQUIREMENTS FOR A 3-YEAR BA IN INTERNATIONAL DEVELOPMENT STUDIES

**ADMISSION REQUIREMENT** Students must consult with an IDS student advisor in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

## MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours from International Development Studies (IDS); Core Courses (18 credit hours) and IDS Area Courses (18 credit hours).  
Maximum 48 credit hours from IDS Core Courses.

Double Major: Minimum 36 credit hours from International Development Studies (IDS); Core Courses (18 credit hours) and IDS Area Courses (18 credit hours). Maximum 48 credit hours from IDS Core Courses. Students must also meet the specified number of credit hours from the other major (may vary since some courses can be credited to both majors).

Students are required to take 36 credit hours in IDS, selected as follows:

A minimum of 18 credit hours from the group titled IDS CORE COURSES.

A minimum of 18 credit hours from the group titled IDS AREA COURSES.

In meeting the IDS CORE COURSES requirement, all the following courses must be completed:

**IDS-1100(6)** Introduction to International Development Studies  
**IDS-2110(3)** Participatory Local Development\* (formerly IDS-3110(3))  
**IDS-3111(3)** An Analysis of Development Aid Policies\*

In meeting the IDS AREA COURSES requirement, a minimum of 6 credit hours must be chosen from the following:

**ANTH-1002(3)** Cultural Anthropology (or equivalent)  
**ECON-1104(3)** Introduction to Economic Theory, or **ECON-1102(3)** Introduction to Economics: Micro AND **ECON-1103(3)** Introduction to Economics: Macro, or **ECON-1106(3)** Introduction to Development Economics.  
**GEOG-3413(3)** Urban Revitalization\*  
**POL-3135(6)** Human Security Issues  
**SOC-3211(6)** Gender Relations in Developing Societies\*  
**ENV/IDS-2603(3)** Environmental Sustainability: A Global Dilemma\*

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

**IDS-1100(6)** Introduction to IDS  
**IDS-2110(3)** Participatory Local Development\* (formerly IDS-3110(3))  
**IDS-3111(3)** An Analysis of Development Aid Policies \*

Required courses are to be determined in consultation with the IDS Program Coordinator or IDS student advisor, and a representative of the other Department or Program concerned.

## REQUIREMENTS FOR A 4-YEAR BA IN INTERNATIONAL DEVELOPMENT STUDIES

**ADMISSION REQUIREMENT** Students must consult with an IDS student advisor in planning their course of study.  
Minimum 30 credit hours completed previously.

**GRADUATION REQUIREMENT** 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Social Science: 12 credit hours

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 54 credit hours from IDS Core Courses (30 credit hours) and IDS Area Courses (24 credit hours)

Maximum 84 credit hours from IDS Core and Area Courses.

Double Major: Minimum 54 credit hours from IDS Core Courses (30 credit hours) and IDS Area Courses (24 credit hours). Maximum 84 credit hours from IDS Core and Area Courses. Students must also meet the specified number of credit hours from the other major (may vary since some courses can be credited to both majors).

As IDS is an interdisciplinary major, the normal disciplinary four-year maximum of 66 credit hours is extended to permit students to take the maximum from the IDS Core Courses (60 credit hours) + the minimum from the IDS Area Courses (24 credit hours). IDS Area Courses beyond 24 credit hours can be used to meet cognate requirements or as electives for graduation requirements.

Cognate: Minimum 18 credit hours/Maximum 36 credit hours with a minimum 9 credit hours/maximum 15 credit hours from designated applied research or skills-related courses, plus a minimum 3 credit

hours/maximum 6 credit hours of language study courses.  
 Minimum Major and Cognate Courses: 72 credit hours.  
 The cognate requirement is in addition to the major requirement (minimum 54 credit hours).  
 Cognate requirements beyond the minimum of applied research or skills-related courses (9 credit hours) and language study courses (3 credit hours) can be met through IDS Core or Area Courses, so long as the sum of Cognate and Major Requirements is the minimum 72 credit hours.

Maximum Major and Cognate Courses: 90 credit hours  
 Students are required to take 54 credit hours in IDS, selected as follows:  
 A minimum of 30 credit hours from the group titled IDS CORE COURSES.  
 A minimum of 24 credit hours from the group titled IDS AREA COURSES.

In meeting the IDS CORE COURSES requirement, all the following courses must be completed:

<b>IDS-1100(6)</b>	Introduction to International Development Studies
<b>IDS-2110(3)</b>	Participatory Local Development* (formerly IDS-3110(3))
<b>IDS-2171(3)</b>	Crisis, Humanitarian Aid and Development* (formerly Crisis, Vulnerability and Development)
<b>IDS-3101(3)</b>	Development Ethics*
<b>IDS-3111(3)</b>	An Analysis of Development Aid Policies*
<b>IDS-3199(3)</b>	Practicum in International Development Studies*
<b>IDS-4100(3)</b>	Senior Seminar in International Development Studies*
<b>IDS-4920(3)</b>	Program Planning, Monitoring, and Evaluation*

In meeting the IDS AREA COURSES requirement, the following course must be completed:

<b>ECON-1104(3)</b>	Introduction to Economic Theory, or <b>ECON-1102(3)</b> Introduction to Economics: Micro AND <b>ECON-1103(3)</b> Introduction to Economics: Macro, or <b>ECON-1106(3)</b> Introduction to Development Economics. (Note: If <b>ECON-1102(3)</b> and <b>ECON-1103(3)</b> are taken, only three (3) credit hours are needed from the short list below.)
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Plus a minimum of 6 credit hours must be chosen from the following:

<b>ANTH-1002(3)</b>	Cultural Anthropology (or equivalent)
<b>GEOG-3413(3)</b>	Urban Revitalization*
<b>POL-3135(6)</b>	Human Security Issues
<b>SOC-3211(6)</b>	Gender Relations in Developing Societies*
<b>ENV/IDS-2603(3)</b>	Environmental Sustainability: A Global Dilemma*

In meeting the IDS Cognate requirement, a minimum of 9 credit hours (and maximum of 15 credit hours) must be completed from the following:

#### Research Methods Courses

<b>IDS/CRS-3920</b>	Action Research Methods*
<b>ANTH/HIST-3117/4117(3)</b>	Ethno Historic Methods & Theory*
<b>ANTH-3125(3)</b>	Ethnographic Research Methods*
<b>ECON-3201(3)</b>	Introduction to Econometrics*
<b>ECON-3316(3)</b>	Cost Benefit Analysis*
<b>ECON-4201(3)</b>	Econometrics*
<b>ENV-3609(3)</b>	Research Methods Design
<b>ENV-3610(3)</b>	Research Projects*
<b>ENV-4611(6)</b>	Environmental Impact Assessment*
<b>HIST-3005(6)</b>	Introduction to Oral History
<b>PSYC-2101(3)</b>	Introduction to Data Analysis*
<b>PSYC-2102(3)</b>	Introduction to Research Methods*
<b>SOC-2125(3)</b>	Introduction to Quantitative Methods*
<b>SOC-2126(3)</b>	Introduction to Research Design and Qualitative Research*
<b>SOC-3116(6)</b>	Applied Research Methods*
<b>SOC-4116(6)</b>	Seminar in Quantitative Research Methods*
<b>SOC-4126(6)</b>	Seminar in Qualitative Research Methods*
<b>STAT-1201(6)</b>	Introduction to Statistical Analysis*
<b>WGS-3200(6)</b>	Feminist Research Methodologies Seminar*

#### Skills Related Courses

<b>CRS-2252(3)</b>	Conflict and Communication*
<b>CRS-2271(3)</b>	Conflict Within Groups*
<b>CRS-2431(3)</b>	Negotiation Theory and Practice*
<b>RHET-2131(3)</b>	Professional Style and Editing*
<b>RHET-2145(3)</b>	Theories and Practices of Oral Communication*
<b>RHET-2350(3)</b>	Reading and Writing Online*
<b>RHET-3340(3)</b>	Strategies for Technical and Professional Communication*

#### Language Courses

Four year IDS majors must take a Minimum 3/Maximum 6 credit hours of Language courses. For students whose first language is not English, an Academic Writing course may be substituted, with permission of the IDS Academic Advisor.

<b>FREN-1001(6)</b>	Introductory French*
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<b>FREN-1111(6)</b>	Practical Language Skills*
<b>SPAN-1001(6)</b>	Introductory Spanish
<b>SPAN-2001(6)</b>	Intermediate Spanish*

The IDS Program is implementing new skills-related learning for the 4 Year Program. If you are interested to learn more, view the document , "Skills Learning to Engage in International Development," available on the IDS website ([http://io.uwinnipeg.ca/~msc/acad\\_02\\_ids.htm](http://io.uwinnipeg.ca/~msc/acad_02_ids.htm)). In some special cases skills learning courses through, for example, Continuing Education, may be available for academic credit BUT you must contact the IDS Coordinator to inquire about this.

Combined Major: Minimum 60 credit hours from two different majors with a minimum of 24 credit hours from each major subject.

Prescribed courses:

<b>IDS-1100(6)</b>	Introduction to IDS
<b>IDS-2110(3)</b>	Participatory Local Development* (formerly IDS-3110(3))
<b>IDS-3101(3)</b>	Development Ethics*
<b>IDS-3111(3)</b>	An Analysis of Development Aid Policies*
<b>IDS-3199(3)</b>	Practicum in International Development Studies*
<b>IDS-4100(3)</b>	Senior Seminar in International Development Studies*

Required courses are to be determined in consultation with the IDS Program Coordinator or IDS Academic Advisor, and a representative from the other Department or Program concerned.

## REQUIREMENTS FOR AN HONOURS BA IN INTERNATIONAL DEVELOPMENT STUDIES

### ADMISSION REQUIREMENT

Entry into the Program after completing a minimum of 30 credit hours.

Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses\* and 2.5 (C+) in Non-Honours Subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used).

Students must consult with the IDS Honours advisor in planning their course of study.

**\*Honours Subject courses are defined as the required IDS Core and Area courses plus the courses taken to meet the minimum IDS Honours Theory and Research requirements.**

### GRADUATION REQUIREMENT

120 credit hours

### RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at the 3/4000 level, and a minimum of 12 credit hours at the 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

### HONOURS REQUIREMENT

Single Honours:	Minimum 63 credit hours from International Development Studies: Core Courses (36 credit hours) and Area Courses (27 credit hours). In addition, 6 credit hours of designated Theory Courses (listed below) and 9 credit hours of designated Research Courses (listed below) must be completed. Maximum 78 credit hours from IDS Core and Area Courses. Single Honours students are required to take a minimum of 30 credit hours at the 3/4000 level, and a minimum of 15 credit hours at the 4000 level of IDS core courses. As IDS is an interdisciplinary major, students may use IDS Area Courses beyond 27 credit hours as electives to meet graduation requirements.
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**Note:** Not all Honours courses are offered every year. Students must plan their program in advance and in consultation with the Honours advisor.

### IDS Core Courses (36 credit hours)

Required IDS Core Courses:

<b>IDS-1100(6)</b>	Introduction to International Development Studies
<b>IDS-2110(3)</b>	Participatory Local Development* (formerly IDS-3110(3))
<b>IDS-3101(3)</b>	Development Ethics*
<b>IDS-3111(3)</b>	An Analysis of Development Aid Policies*
<b>IDS-3199(3)</b>	Practicum in International Development Studies*

<b>IDS-4100(3)</b>	Senior Seminar in International Development Studies*
<b>IDS-4110(6)</b>	Development Theory*
<b>IDS-4120(3)</b>	Honours Thesis*

Plus 6 credit hours selected from the following IDS Core Courses:

<b>IDS-2130(6)</b>	A History of the Developing World*
<b>IDS-2183(3)</b>	African Development Issues*
<b>IDS-2184(3)</b>	Asia/Pacific Development Issues*
<b>IDS-2185(3)</b>	Latin America/Caribbean Development Issues*

### **IDS Area Courses (27 credit hours)**

Required IDS Area Courses:

**ECON-1104(3)** Introduction to Economic Theory, or **ECON-1102(3)** Introduction to Economics: Micro AND **ECON-1103(3)** Introduction to Economics: Macro, or **ECON-1106(3)** Introduction to Development Economics

Plus an additional 24 credit hours of IDS Area courses, or 21 credit hours if ECON-1102(3) and ECON-1103(3) are chosen. The selection of IDS Area courses by Honours students should be done in consultation with the IDS Honours advisor.

### **Theory and Research Methods Courses**

Theory Courses: a minimum of 6 credit hours selected from the following:

<b>ANTH-3100/4100(3)</b>	Growth of Cultural Theory*
<b>ANTH-4103(3)</b>	Semiotics & Structuralism*
<b>CRS/IDS-3910(3)</b>	Peace Theory & Practice*
<b>CRS/IDS-4910(3)</b>	Conflict and the Construction of the Other*
<b>ECON-2101(3)</b>	Intermediate Economics: Micro
<b>ECON-2102(3)</b>	Intermediate Economics: Macro
<b>ECON-3321(3)</b>	History of Economic Thought I*
<b>ECON-3322(3)</b>	History of Economic Thought II*
<b>ENGL-3151(6)</b>	Critical Theory: An Introduction*
<b>PHIL-2200(6)</b>	Social & Political Philosophy
<b>PHIL-2201(6)</b>	Moral Philosophy
<b>POL-2225(6)</b>	The Idea of Democracy
<b>POL-3250(3)</b>	Violence, Hegemony and the Rise of Mass Politics
<b>POL-3255(3)</b>	Liberals, Marxists and Anarchists
<b>POL-4200(3)</b>	Feminist Political Thought*
<b>POL-4215(6)</b>	Seminar in Political Thought*
<b>RHET-2138(3)</b>	Modern Rhetorical Theory*
<b>RHET-3151(3)</b>	Critical Studies of Discourse*
<b>WGS-3201(3)</b>	Gender and Sciences: Historical and Philosophical Perspectives
<b>WGS-3300(6)</b>	Feminisms: History, Perspectives and Practice*
<b>WGS-4004(3)</b>	Feminist Cultural Studies*
<b>WGS-4200(3)</b>	Advanced Feminist Theory*

Research Methods Courses: a minimum of 9 credit hours selected from the following:

<b>IDS/CRS-3920(3)</b>	Action Research Methods*
<b>ANTH/HIST-3117/4117(3)</b>	Ethno Historic Methods & Theory*
<b>ANTH-3125(3)</b>	Ethnographic Research Methods*
<b>ECON-3201(3)</b>	Introduction to Econometrics*
<b>ECON-3316(3)</b>	Cost Benefit Analysis*
<b>ECON-4201(3)</b>	Econometrics*
<b>ENV-3609(3)</b>	Research Project Design
<b>ENV-3610(3)</b>	Research Projects*
<b>ENV-4611(6)</b>	Environmental Impact Assessment*
<b>HIST-3005(6)</b>	Introduction to Oral History
<b>PSYC-2101(3)</b>	Introduction to Data Analysis*
<b>PSYC-2102(3)</b>	Introduction to Research Methods*
<b>SOC-2125(3)</b>	Intro to Quantitative Methods*
<b>SOC-2126.3</b>	Intro to Research Design and Qualitative Research *
<b>SOC-3116(6)</b>	Applied Research Methods*
<b>SOC-4116(6)</b>	Seminar in Quantitative Research Methods*
<b>SOC-4126(6)</b>	Seminar in Qualitative Research Methods*
<b>STAT-1201(6)</b>	Introduction to Statistical Analysis*
<b>WGS-3200(6)</b>	Feminist Research Methodologies Seminar*

Double Honours: Minimum 36 credit hours in each Honours subject, including:

<b>IDS-1100(6)</b>	Introduction to International Development Studies
<b>IDS-2110(3)</b>	Participatory Local Development* (or the former IDS-3110(3))
<b>IDS-3111(3)</b>	An Analysis of Development Aid*
One of	<b>IDS-2183(3)*</b> (African Development Issues), <b>IDS-2184(3)*</b> (Asia Pacific Development Issues), or <b>IDS-2185(3)*</b> (Latin America/Caribbean Development Issues)
<b>IDS-3101(3)</b>	Development Ethics*

<b>IDS-3199(3)</b>	Practicum in International Development Studies*
<b>IDS-4100(3)</b>	Senior Seminar in International Development Studies*
<b>IDS-4110(6)</b>	Development Theory*
<b>IDS-4120(3)</b>	Honours Thesis* (Note: this requirement can be met by a thesis course from the other Honours area)

Plus 6 credit hours selected from the list of IDS Theory Courses and 9 credit hours selected from the list of IDS Research Courses.

For the requirements of the other Honours subject, consult the department or program involved.

Double Honours students are required to take a minimum of 24 credit hours at the 3/4000 level, and a minimum of 15 credit hours at the 4000 level.

## GENERAL INFORMATION

### Prerequisites

Students are advised that certain courses have prerequisites; such courses are indicated with an asterisk.

### Practicum Opportunities:

A practicum placement enables students to develop skills and apply classroom theory to real-life situations. They require significant preparatory work and generally last from three to six months in either a local or international setting. **Students must explore options with the Practicum Director well in advance of the term in which they propose to engage in these practicum activities.** To register students need permission from the Practicum Director and must have a cumulative grade point average of 2.75.

Required Core Courses for Practicum:

<b>IDS-1100(6)</b>	Introduction to International Development Studies
<b>IDS-2110(3)</b>	Participatory Local Development* (or the former IDS-3110(3))
<b>IDS-3111(3)</b>	An Analysis of Development Aid Policies*

**Note:** Prefix letters designate department: **(ANTH)** Anthropology; **(BIOL)** Biology; **(CRS)** Conflict Resolution Studies; **(ECON)** Economics; **(EDUC)** Education; **(ENGL)** English; **(ENV)** Environmental Studies; **(FREN)** French Studies; **(GEOG)** Geography; **(HIST)** History; **(IDS)** International Development Studies; **(MENN)** Mennonite Studies; **(PHIL)** Philosophy; **(POL)** Politics; **(PSYCH)** Psychology; **(REL)** Religious Studies; **(RHET)** Rhetoric, Writing and Communications; **(SOC)** Sociology \*Requires prerequisite \*\*Other applied language courses may be eligible for IDS credit: please contact the IDS student advisor.

## COURSE LISTINGS

### IDS Core Courses

IDS-1100(6)	Introduction to International Development Studies	IDS-3182(3)	Selected Topics in International Development Studies*
IDS-2110(3)	Participatory Local Development*	IDS-3193(3)	Directed Readings in International Development Studies*
IDS/HIST-2130(6)	A History of the Developing World*	IDS-3198(6)	Practicum in International Development Studies
IDS-2131(3)	Rural Development*	IDS-3199(3)	Practicum in International Development Studies
IDS-2160(3)	Indigenous People and the Industrial State*	IDS/CRS-3901(3)	Humanitarian Aid and Conflict*
IDS-2171(3)	Crisis, Humanitarian Aid and Development*	IDS/CRS-3920(3)	Action Research Methods*
IDS-2183(3)	African Development Issues*	IDS-4100(3)	Senior Seminar in International Development Studies*
IDS-2184(3)	Asia/Pacific Development Issues*	IDS-4110(6)	Development Theory*
IDS-2185(3)	Latin America/Caribbean Development Issues*	IDS-4120(3)	Honours Thesis*
IDS/CRS-2443(3)	Conflict and Development Issues in Indigenous Communities*	IDS-4182(3)	Selected Topics in IDS*
IDS/ENV-2521(3)	Study of Voluntary Simplicity*	IDS-4193(3)	Directed Readings in IDS*
IDS-3101(3)	Development Ethics*	IDS/CRS-4920(3)	Program Planning, Monitoring, and Evaluation*
IDS-3111(3)	An Analysis of Development Aid Policies*		
IDS-3141(3)	The Participatory Community Economy*		
IDS/MENN-3150(3)	Mennonite Community and Development*		
IDS/ANTH-3160(3)	Cultural Perspectives on Global Processes*		



## IDS Area Courses

### Prerequisites

Students are advised that certain courses have prerequisites; such courses are indicated with an asterisk.

ANTH-1002(3)	Introductory Cultural Anthropology	PHIL-2233(3)	Environmental Ethics
ANTH-2100(3)	Cultural/Social Anthropology*	POL-2100(6)	Global Politics
ANTH-2103(3)	Ethnography of North American First Peoples	POL-2510(6)	Community Politics
ANTH-2160(3)	Indigenous People & the Industrial State (cross listed with IDS)	POL-3105(6)	Global Political Economy
ANTH-3103(3)	Applied Anthropology*	POL-3110(3)	International Organization
BIOL-1106(3)	Environmental Biology	POL-3115(3)	Gender & Global Politics
CRS-1200(6)	Intro to Conflict Resolution Studies	POL-3125(3)	International Relations of the Middle East
CRS-2241(3)	Conflict & Culture*	POL-3135(6)	Human Security Issues
CRS/IDS-3910(3)	Peace, Theory & Practice*	POL-3400(3)	Aboriginal Politics in Canada
CRS/IDS-4910(3)	Conflict & Construction of the Other*	POL-3405(3)	Aboriginal Politics in Manitoba
ECON-1102(3)	Introduction to Economics: Micro	POL-3411(3)	Aboriginal People and the Law I
ECON-1103(3)	Introduction to Economics: Macro	POL-3415(3)	Aboriginal People and the Law II
ECON-1104(3)	Introduction to Economic Theory	POL-3500(6)	Globalization & City Politics
ECON-1106(3)	Introduction to Economic Development	POL-3510(3)	Interest Groups and New Social Movements
ECON-2317(3)	Environmental Economics*	POL-4105(3)	Seminar in Global Political Economy
ECON-3301(3)	International Trade*	POL-4110(3)	Seminar in International Organization
ECON-3302(3)	International Finance*	PSYC-3450(3)	Organizational Leadership and Decision Making*
ECON-3305(3)	Economic Development*	REL-1002(6)	Exploring Religion: The World's Religions
ECON-3306(3)	International Aspects of Economic Development*	REL-2402(3)	Fundamentalism in Global Perspective
ECON-3317(3)	Asia Pacific Economics*	REL-2703(3)	Religions of India
ENV-1600(3)	Human Environmental Interactions	REL-2704(3)	Buddhist Traditions in India and Southeast Asia
ENV-2603(3)	Environmental Sustainability: A Global Dilemma	REL-2707(3)	Chinese Religions
ENV-3609(3)	Research Methods and Design	REL-2711(3)	Contemporary Islam
ENV-3610(3)	Research Projects	REL-2715(3)	African Religions
ENV-4611(6)	Environmental Impact Assessment*	REL-2801(3)	Aboriginal Spirituality I
GEOG-2204(3)	Human Impact on the Environment*	REL-2802(3)	Aboriginal Spirituality II
GEOG-2212(3)	Natural Hazards*	REL-2804(3)	Global Perspectives on Aboriginal Societies, Spiritualities & the Environment
GEOG-2401(3)	Agricultural Geography	REL-3551(3)/4551(3)	Religion & Social Change
GEOG-2411(3)	Geography of Globalization*	RHET-2131(3)	Professional Style and Editing*
GEOG-2417(3)	Introduction to Economic Geography*	RHET-3151(3)	Critical Studies of Discourse*
GEOG-3217(3)	Tropical Environments*	RHET-3340(3)	Strategies for Technical and Professional Communication*
GEOG-3401(3)	Population Geography*	SOC-2105(6)	Race, Ethnic and Aboriginal Relations*
GEOG-3402(3)	Urbanization in Dev World*	SOC-2114(6)	Sociological Theory*
GEOG-3413(3)	Geography of Urban Revitalization*	SOC-2125(3)	Intro to Quantitative Methods*
GEOG-3508(3)	Geographical Issues in the Developing World*	SOC-2126(3)	Intro to Research Design and Qualitative Research*
HIST-2110(6)	Twentieth Century World	SOC-2404(3)	Sociology of Development & Under Development*
HIST-2116(6)	Survey History of Latin America	SOC-3104(6)	Globalization & Societies in the World System*
HIST-2606(3)	History of the Canadian North	SOC-3110(6)	Community Development*
HIST-2509(6)	History of Native Peoples of Canada	SOC-3116(6)	Applied Research Methods*
HIST-2700(6)	History of Africa	SOC-3120(3)	Organizations and Bureaucracy*
HIST-2701(6)	History of Asia since 1500	SOC-3211(6)	Gender Relations in Developing Societies*
HIST/MENN-3114(3)	Latin America and the Mennonites	SOC-3204(3)	Economic Sociology*
HIST-3115(6)	History of Spanish American Political Culture	SOC-4116(6)	Seminar in Quantitative Research Methods*
HIST-3116(3)	Mennonites & World Issues	SOC-4126(6)	Seminar in Qualitative Research Methods*
HIST-3701(6)	Modern Africa	STAT-1201(6)	Introduction to Statistical Analysis
HIST-3703(3)	South Africa in the Modern world	WGS-3200(6)	Feminist Research Methodologies
HIST-3704(3)	West Africa in 20th Century		Seminar
HIST-3711(6)	History of Liberation Movements in Southern Africa		
HIST-4701(6)	Studies in Modern African History		
HIST-4702(6)	Southern Africa		

# COURSE DESCRIPTIONS

**IDS-1100(6) INTRODUCTION TO INTERNATIONAL DEVELOPMENT STUDIES (Le3)** The purpose of this course is to survey the main development issues in countries of the South in an interdisciplinary fashion. While the focus of the course will principally be on Africa, Asia, and Latin America, efforts will be made to draw parallels and connections with the North, including Canada. The course will evaluate what has been done in the name of development, particularly in light of issues of poverty, gender, and the environment. The course begins by evaluating alternative definitions and theories of development. This is followed by an analysis of the external factors which influence the South today and during the colonial period. Finally, the course looks at the internal dynamics of development by considering issues such as industrialization and agricultural development.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-2201(6).

**IDS-2110(3) PARTICIPATORY LOCAL DEVELOPMENT (Le3)** This course focuses on the participatory, local-level development models pursued by a range of community-based, non-governmental and public agencies as alternatives to national models focused on economic growth and global competitiveness. It examines the nature of chronic poverty and reviews historic efforts at community development, community economic development and cooperative formation. It analyzes current emphases on participation and empowerment, gender equity, social capital, sustainable livelihoods, social justice and local governance. Students will examine these issues in the context of sectoral programs in micro-finance, community-based social services, agricultural development, community-based natural resource management and organizational capacity building.

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former 98.2110(3) or the former IDS (60)-3110(3).

**IDS-2130(6) A HISTORY OF THE DEVELOPING WORLD (Le2,S1)** This course examines the historical roots of development and underdevelopment, processes that have led to the emergence of the developing world or Third World as a distinctive, though diverse region. It surveys trends such as colonization, industrialization, militarization and trade in the South from the 15<sup>th</sup> to the 20<sup>th</sup> century. It investigates the ways in which both external pressures and internal dynamics have contributed to continuity and change in these regions. This course will help students to understand the historical context for contemporary changes in developing countries, as well as the context in which particular development theories and practices emerged.

**PREREQUISITES:** IDS-1100(6) or HIST-1010(6), or permission of instructor.

**CROSS-LISTED:** History HIST-2130(6).

**IDS-2131(3) RURAL DEVELOPMENT (Le3)** This course examines changes to rural society and economy in the South (Africa, Asia, and Latin America) brought about historically by colonialism, and more recently through modern development efforts. The course begins by considering how colonialism and expansion of capitalism reoriented agriculture and rural society towards a more global focus. Modern development efforts are then evaluated in light of their impact on rural economy and society. Discussion then highlights the impact of agrarian reform, technological change, and domestic government policies on economic development and social differentiation. Both gender and environmental issues will be interwoven throughout the course, and efforts will be made to draw connections with rural change in Canada.

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**IDS-2160(3) INDIGENOUS PEOPLE AND THE INDUSTRIAL STATE (Le2,S1)** The course considers the situation of Indigenous peoples in the regions of Africa, the Americas, Asia and the Pacific.

While these people have distinct cultural histories, their relations to nation-states are similar in important ways. Tensions between indigenous people and the industrial state centre on such issues as external market dependency, diversification, and size of the government sector. Students will critique standard definitions of progress and efficiency. The implications of contemporary industrial development projects for the future of human societies are studied within the framework of the primal insights, values and definitions shared by Indigenous peoples throughout the globe.

**PREREQUISITES:** IDS-1100(6) or ANTH-1001(6) or ANTH-1002(3), or permission of instructor.

**CROSS-LISTED:** Anthropology ANTH-2160(3).

**IDS-2171(3) CRISIS, HUMANITARIAN AID AND DEVELOPMENT (Le3)** Today crises threaten global human security as never before. These crises are caused by a complex mix of natural hazards - such as floods, earthquakes or droughts-and human action. Humanitarian aid is an important response to crises, and an increasing part of international development aid. This course identifies the main institutions and organizations providing humanitarian aid, and critically examines their efforts to improve aid quality and their own accountability. It also explores the ways in which humanitarian aid can help to reduce vulnerability to crises and enhance, rather than undermine, capacities for development.

**PREREQUISITES:** Six credit hours successfully completed, or permission of instructor; IDS-1100(6) is recommended.

**IDS-2183(3) AFRICAN DEVELOPMENT ISSUES (Le2S1)** This case study course will survey a subset of the theories, processes, policies and practice of development and underdevelopment in the diverse and complex context of Africa. In the face of intensifying global capital processes and declining humanitarian efforts, many African communities and countries face serious challenges. While exploring development problems and possible solutions, this course will also highlight the tremendously rich and diverse cultural, social and economic experience of African peoples and communities.

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**IDS-2184(3) ASIA/PACIFIC DEVELOPMENT ISSUES (Le2, S1)** This case study course will survey a subset of the theories, processes, policies and practice of development and underdevelopment in the diverse and quickly changing context of Asia and the Pacific Islands. Asian communities and nations have been affected in diverse and complex ways by the contemporary expansion and deepening of global capitalism. This course will examine some of these changes and explore related issues like human rights and environmental degradation. While exploring development problems and possible solutions, this course will also highlight the tremendously rich and diverse cultural, social and economic experience of Asian and Pacific Island peoples and communities.

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**IDS-2185(3) LATIN AMERICA/CARIBBEAN DEVELOPMENT ISSUES (Le2, S1)** This case study course will survey a subset of the theories, processes, policies and practice of development and underdevelopment in the diverse and dynamic context of Latin America and the Caribbean. The Latin American and Caribbean region has been diversely affected by contemporary globalization processes. People and communities from the region have also been the source of significant critical literature in development studies, including Dependency Theory and Liberation Theology. While exploring development problems and possible solutions, this course will also highlight the tremendously rich and diverse cultural, social and economic experience of Latin American and Caribbean peoples and communities.

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**IDS-2443(3) CONFLICT AND DEVELOPMENT ISSUES IN INDIGENOUS COMMUNITIES (Le3)** This course explores the dynamics of indigenous peoples globally, with special reference to the Canadian context, within the broad frameworks of development and conflict resolution. The course begins by describing key elements of indigenous culture and worldview. From the perspective of conflict resolution studies, inter- and intra-group conflict and conflict resolution processes involving indigenous communities will be explored. From the perspective of international development studies, processes of marginalization and underdevelopment will be presented to understand the indigenous communities' social, economic and political situation. Strategies for community development and conflict resolution will be highlighted as means to achieve transformation.

**PREREQUISITES:** IDS-1100(6) or CRS-1200(6), or permission of instructor.

**CROSS-LISTED:** Conflict Resolution Studies CRS-2443(3).

**IDS-2521(3) STUDY OF VOLUNTARY SIMPLICITY (Le2, S1)** Within International Development Studies, development is increasingly understood as a participatory, deliberate process aimed at enhancing the quality of life for individuals within community. This course examines the concept, theory, and practice of voluntary simplicity as a means of development for individuals seeking alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions, with special emphasis on the relevance of simplicity to building emotional well-being, vibrant community, sustainable environment, and social justice.

**PREREQUISITE:** IDS-1100(6) or ENV-1600(3), or permission of instructor.

**CROSS-LISTED:** Environmental Studies ENV-2521(3).

**IDS-2603(3) ENVIRONMENTAL SUSTAINABILITY: A GLOBAL DILEMMA (Le3)** This course focuses on environmental factors relevant to understanding and implementing sustainable development. Its aim is to teach students to understand and appreciate fundamental ecological principles within the context of social values and technological constraints. Moreover, the course seeks to equip students to assess environmental problems from an interdisciplinary perspective, and to develop strategies that might solve these problems. Topics or issues that may be addressed include ecosystem dynamics; feedback in environmental processes; the concepts of carrying capacities and population thresholds; optimum yield theory; loss of biodiversity; over-consumption and overpopulation; deforestation, desertification, and pollution; energy demand versus supply; urbanization trends; global warming; ozone layer depletion; resource management, conservation and recovery; and environmental monitoring and impact assessment. This course may be taken for major credit in Environmental Studies/Urban Studies and International Development Studies.

**PREREQUISITES:** ENV-1600(3) or IDS-1100(6), or permission of instructor.

**CROSS-LISTED:** Environmental Studies ENV-2603(3).

**IDS-3101(3) DEVELOPMENT ETHICS (Le1,S2)** This course examines in a systematic way the ethical questions posed by development theory, planning and practice. It introduces frameworks for ethical decision-making in development. The course uses case studies to explore questions like: How are decisions about goals of development made? How are the costs of development distributed? What are acceptable means in planned development activity, and who has the right to engage in this activity? How far do answers to such questions differ between cultures and ideologies, and is agreement on these answers either possible or desirable?

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**IDS-3111(3) AN ANALYSIS OF DEVELOPMENT AID POLICIES (Le3)** This course will focus on development aid policies and the administration of aid programs of the developed countries. The course will examine specific cases in a number of developing countries, with special emphasis on the African and Asian

continents. Lectures will scrutinize the impact of bilateral, multilateral, and tied aid projects on developing countries, and examine the effectiveness of human resource projects. The course will challenge students to think in terms of sustainable development. How can aid effectiveness be improved and sustainable development achieved?

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**RESTRICTIONS:** Students may not hold credit in both this course and the former MSC-3201(3).

**IDS-3141(3) THE PARTICIPATORY COMMUNITY ECONOMY (Le2,S1)** This course examines theories of the community economy and analyzes strategies of community economic participation. The study of the community economy is rooted in both liberal (e.g. institutional economics) and critical literature (e.g. neo-Marxist, social movement theory). Particular theories come from community economic development; institutional economics; cooperation and cooperative theories; social economy; and natural resource management. Particular strategies include micro-financial services, asset building, micro-enterprise development, social enterprise, cooperative development, and community-based natural resource management. This course builds on theories of community development, participation, and social capital.

**PREREQUISITES:** IDS-2110(3) (or the former IDS-3110(3).) AND ECON-1104(3) (or equivalent), or permission of instructor.

**IDS-3150(3) MENNONITE COMMUNITY AND DEVELOPMENT (S3)**

This course analyzes the experiences of the Mennonite community in service and peace work. It highlights the values, approach, and methods particular to Mennonite humanitarian work. The Mennonite tradition of holistic development emphasizes individual transformation (providing the tools for indigenous development) and social transformation (involving all peoples in creating local, national, and global systems that are just). The work of Mennonite organizations such as the Mennonite Central Committee and the Mennonite Economic Development Agency, of ecumenical organizations such as the Canadian Foodgrain Bank and InterChurch Action, and of inter-organizational groups such as SEED Winnipeg will provide examples for student reflection and analysis.

**PREREQUISITES:** IDS-1100(6) or permission of instructor.

**CROSS-LISTED:** Mennonite Studies MENN-3150(3).

**IDS-3160(3) CULTURAL PERSPECTIVES ON GLOBAL PROCESSES (Le1, S2)**

The focus of this course is threefold. First it seeks to apply cultural perspectives on 'global scale theory.' Second, we will discern the linkages among some of the main processes at work in 'global systems.' Main processes include communications, transportation, migration, capital, manufacture of export goods, non-state political organizations, and environmental and human health research. The emphasis will be on how two or more of these interact. Third, we will discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships will be chosen in response to interests of those taking the course, and will be developed by group reading and discussion, and individually in term paper projects.

**PREREQUISITES:** IDS-1100(6) or ANTH-1001(6) or ANTH-1002(3), or permission of instructor.

**CROSS-LISTED:** Anthropology ANTH-3160(3).

**IDS-3182(3) SELECTED TOPICS IN INTERNATIONAL DEVELOPMENT STUDIES (Le1,S2)**

This course presents an in-depth view of a particular problem in development, using theoretical and/or applied concepts. The nature and range of topics covered will depend upon the instructor. Please see the IDS Program for a specific course description.

**PREREQUISITES:** IDS-1100(6), or permission of the coordinator or the instructor.

**RESTRICTIONS:** Students may repeat this course for credit, provided the topic varies.

**IDS-3193(3) DIRECTED READINGS IN INTERNATIONAL DEVELOPMENT STUDIES (D)** In this course, readings and assignments in the area of International Development Studies will be arranged between an individual student and the instructor.  
**PREREQUISITES:** IDS-1100(6) and permission of instructor.

**IDS-3194(3) PRACTICUM IN INTERNATIONAL DEVELOPMENT STUDIES (AV)** The practicum allows students to ground their academic learning with experiential learning within the auspices of an overseas relief and development agency. The practicum generally involves voluntary work with an agency, exposing the participant to new cultural, social, and/or economic situations. Students integrate theory with practice through seminar participation, reflective journals, and a final project.

**NOTE:** Students must complete both this course and IDS-3195(3) to fulfill their 6 credit hour Practicum requirement.

**PREREQUISITES:** IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3). Permission of Menno Simons College Practicum Director AND minimum cumulative grade point of average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and IDS-3198(6). This is a limited enrolment course and is generally only available to students in overseas placements.

**IDS-3195(3) PRACTICUM IN INTERNATIONAL DEVELOPMENT STUDIES (AV)** The practicum allows students to ground their academic learning with experiential learning within the auspices of an overseas relief and development agency. The practicum generally involves voluntary work with an agency, exposing the participant to new cultural, social, and/or economic situations. Students integrate theory with practice through seminar participation, reflective journals, and a final project.

**NOTE:** Students must complete both this course and IDS-3194(3) to fulfill their 6 credit hour Practicum requirement.

**PREREQUISITES:** IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3). Permission of Menno Simons College Practicum Director AND minimum cumulative grade point of average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and IDS-3198(6). This is a limited enrolment course and is generally only available to students in overseas placements.

**IDS-3196(1.5) PRACTICUM IN INTERNATIONAL DEVELOPMENT STUDIES (AV)** The practicum allows students to ground their academic learning with experiential learning within the auspices of a local or overseas relief and development agency. The practicum generally involves voluntary work with an agency, exposing the participant to new cultural, social, and/or economic situations. Students integrate theory with practice through seminar participation, reflective journals, and a final project.

**NOTE:** Students must complete both this course and IDS-3197(1.5) to fulfill their 3 credit hour Practicum requirement.

**PREREQUISITES:** IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3). Permission of Menno Simons College Practicum Director AND minimum cumulative grade point of average of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and IDS-3199(3). This is a limited enrolment course.

**IDS-3197(1.5) PRACTICUM IN INTERNATIONAL DEVELOPMENT STUDIES (AV)** The practicum allows students to ground their academic learning with experiential learning within the auspices of a local or overseas relief and development agency. The practicum generally involves voluntary work with an agency, exposing the participant to new cultural, social, and/or economic situations. Students integrate theory with practice through seminar participation, reflective journals, and a final project.

**NOTE:** Students must complete both this course and IDS-3196(1.5) to fulfill their 3 credit hour Practicum requirement.

**PREREQUISITES:** IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3). Permission of Menno Simons College Practicum Director AND minimum cumulative grade point of average

of 2.75.

**RESTRICTIONS:** Students may not hold credit in both this course and IDS-3199(3). This is a limited enrolment course.

**IDS-3198(6) PRACTICUM IN INTERNATIONAL DEVELOPMENT STUDIES (AV)** The practicum allows students to ground their academic learning with experiential learning within the auspices of an overseas relief and development agency. The practicum generally involves voluntary work with an agency, exposing the participant to new cultural, social and/or economic situations. Students integrate theory with practice through seminar participation, and academic assignments.

**PREREQUISITES:** IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3). Permission of Menno Simons College Practicum Director AND minimum cumulative grade point of average of 2.75.

**RESTRICTIONS:** This is a limited enrolment course and is generally only available to students in overseas placements.

**IDS-3199(3) PRACTICUM IN INTERNATIONAL DEVELOPMENT STUDIES (AV)** The practicum allows students to ground their academic learning with experiential learning within the auspices of a local or overseas relief and development agency. The practicum generally involves voluntary work with an agency, exposing the participant to new cultural, social and/or economic situations. Students integrate theory with practice through seminar participation, and academic assignments.

**PREREQUISITES:** IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3). Permission of Menno Simons College Practicum Director AND minimum cumulative grade point average of 2.75..

**RESTRICTIONS:** This is a limited enrolment course

**IDS-3901(3) HUMANITARIAN AID AND CONFLICT (Le2,S1)** The problems of providing humanitarian aid in complex emergencies, that is where need is created in part by armed conflict, are the focus of this course. In such settings, both material aid and intervention have multiple impacts. This course addresses the nature of contemporary armed conflicts and the role they play in generating complex emergencies, the forms of humanitarian aid provided in complex emergencies, and debates about the effectiveness and appropriateness of different kinds of aid. Through analysis of aid's impact on the conflict and its effectiveness at meeting human needs, we explore models of humanitarian aid provision that minimize negative impacts.

**PREREQUISITES:** IDS-2171(3) or CRS-3220(3), or permission of instructor

**CROSS-LISTED:** Conflict Resolution Studies CRS-3901(3).

**IDS-3910(3) PEACE THEORY AND PRACTICE (Le,S3)** This course investigates theories of peace. Theories of war and the practice of warfare have been studied a great deal; theories of peace and the practice of peace have been studied less. The course begins with attempts to define peace — a task as difficult as that of defining war and conflict—by drawing on key studies by peace research scholars like Galtung, Reardon and Elstain. The course is conducted in a modified seminar format (half the course in large group format, the remainder utilizing small group problem-based learning).

**PREREQUISITES:** CRS-1200(6) or IDS-1100(6) or permission of instructor.

**CROSS-LISTED:** Conflict Resolution Studies CRS-3910(3).

**IDS-3920(3) ACTION RESEARCH METHODS (Le1, S2)** This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the field of international development studies. The course will emphasize activities that are necessary to prepare the student to conduct research in the field. Issues in data collection and in the context of field work will be discussed. The following are some of the topics and techniques that will be dealt within the course: planning for research, random sampling and surveys, participatory rural appraisal, interviewing techniques, life history analysis, conducting

focus groups, integrating qualitative and quantitative method, and post-field work activities.

**PREREQUISITES:** IDS-1100(6) or CRS-1200(6), or permission of instructor.

**CROSS-LISTED:** Conflict Resolution Studies CRS-3920(3).

**IDS-4100(3) SENIOR SEMINAR IN INTERNATIONAL DEVELOPMENT STUDIES (S3,P)**

In this capstone seminar students compare cross-disciplinary and discipline-based approaches to various international development issues. They also explore solutions to the problem of integrating development theory and practice. Students articulate their own understanding of development on the basis of critical reflection on examples of successful and unsuccessful development. The seminar includes critical reflection on students' experiences with development issues in the classroom, the practicum, or in extra-curricular activities.

**PREREQUISITES:** IDS-2110(3) (or the former IDS-3110(3)), IDS-3101(3), IDS-3111(3), and IDS-3199(3), or permission of instructor.

**IDS-4110(6) DEVELOPMENT THEORY (S3)**

This honours seminar takes an interdisciplinary approach to the study of theories that have shaped the conceptualization and practice of development around the world. This includes critical attention to the nature of development theory, the processes through which theory is generated, and the context in which different theories have emerged and in which some became dominant. The seminar focuses on current versions of general development theories such as: modernization, structuralism, Marxism, dependency theory, neoclassical and neoliberal theory, alternative development, and post-development. Examples of current theories that focus on key development issues are also covered.

**PREREQUISITES:** IDS-2110(3) (or the former IDS-3110(3)), IDS-3111(3), IDS-3101(3), AND IDS-3199(3), or permission of instructor.

**IDS-4120(3) HONOURS THESIS (PV)** Students in this course will plan and carry out an original research project related to International Development Studies. This research project will result in the writing and oral presentation of an honours thesis whose length and format will be based on standards for submission to a scholarly journal. Students will also engage in consultation with a research advisor and participate in collegial support processes for their research project.

**PREREQUISITES:** IDS-2110(3) (or the former IDS-3110(3)), IDS-3101(3), IDS-3111(3), AND IDS-3199(3).

**Note:** Students are strongly encouraged to complete their Research requirements for the IDS Honours program before enrolling in this course.

**IDS-4182(3) SELECTED TOPICS IN INTERNATIONAL DEVELOPMENT STUDIES (Le1,S2)**

This course presents an in-depth study of a particular problem in

development, using theoretical and/or applied concepts. The nature and range of topics covered will depend upon the Instructor. Please see the IDS Program for a specific course description.

**PREREQUISITES:** IDS-2110(3) (or the former IDS-3110(3)) AND IDS-3111(3), or permission of the coordinator or the instructor.

**RESTRICTIONS:** Students may repeat this course for credit, provided the topic varies.

**IDS-4193(3) DIRECTED READINGS IN INTERNATIONAL DEVELOPMENT STUDIES (D)**

In this course, advanced readings and assignments in the area of International Development Studies are arranged between an individual student and instructor.

**PREREQUISITES:** IDS-2110(3), (or the former IDS-3110(3)), IDS-3101(3), IDS-3111(3), AND permission of the instructor.

**IDS-4910(3) CONFLICT AND CONSTRUCTION OF THE OTHER (S3)**

This seminar addresses a central question raised in post-colonial theory about the way humans construct and maintain an understanding of the Other. We ask the question, "Have scholars found the idea of the Other useful as a synthesizing concept?" This problem-based, interdisciplinary seminar considers particular sites of struggle in cultural, social, and individual contexts. Finally, we ask about the implications of this inquiry for our cultural, social, and individual circumstances.

**PREREQUISITES:** CRS-1200(6), CRS-2210(3) and CRS-3220(3) or IDS-1100(6), IDS-2110(3) (or the former IDS-3110(3)) and IDS-3111(3), or permission of instructor.

**CROSS-LISTED:** Conflict Resolution Studies IDS-3910(3).

**IDS-4920(3) PROGRAM PLANNING, MONITORING, AND EVALUATION (Le2,S1)**

Planning, monitoring, and evaluation are essential phases in the process of intervention in both International Development and Conflict Resolution Studies. This fourth-year course introduces students to the theory and applications of fundamentals of program design and implementation. Participants will examine elements of the project cycle including planning approaches, indicator analysis, performance reporting and review, and impact assessment. The possible roles of mediators, donors, clients, and field workers will be considered. The course will explore the formal mechanisms of development agencies and the way in which they can change the shape of the program. The course will provide the skills necessary for conceptualizing and implementing international or domestic projects; it will also provide an opportunity for the comparison of initiatives in International Development or Conflict Resolution.

**PREREQUISITES:** IDS-1100(6) or CRS-1200(6), or permission of instructor.

**CROSS-LISTED:** Conflict Resolution Studies CRS-4920(3).

# ITALIAN STUDIES (ITAL)

**Note: The department/program code ITAL replace the former code 21. Students cannot hold credit in ITAL-xxxx and the former 21.xxxx having the same course number (e.g., ITAL-1001(6) and 21.1001(6)).**

**Chair: Associate Professor G. Moulaison.**

## INTRODUCTION

Italian Studies is part of the Department of Modern Languages and Literatures. Italian Studies courses enable students to gain knowledge and competence in oral and written Italian while also learning to appreciate the richness and diversity of Italian culture. Previous knowledge of Italian is not required to enrol in ITAL-1001(6) Introductory Italian. Native speakers, including students who grew up in a family where Italian was a language of communication, are not eligible to take ITAL-1001(6) Introductory Italian.

## COURSE LISTINGS

Students registering for their first Italian Studies course are strongly encouraged to consult a departmental advisor. Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

ITAL-1001(6) Introductory Italian  
ITAL-2001(6) Intermediate Italian

## COURSE DESCRIPTIONS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

**ITAL-1001(6) INTRODUCTORY ITALIAN (Le3, La1)** This course is designed for students who have little or no previous knowledge of Italian and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension, and oral expression. To this end, one hour of language laboratory / small-group work supplements classroom work each week.

**RESTRICTIONS:** Native speakers of Italian or students who have standing in Italian 40S or equivalent are not eligible to take this course.

**ITAL-2001(6) INTERMEDIATE ITALIAN (Le3, La1)** The aim of this course is to enable students to increase their proficiency in the following skills: reading, writing, aural comprehension and oral expression. Students review and build on grammar essentials, discuss readings and related topics of current interest, write compositions, and practice the spoken language. One-hour of language laboratory / small-group work provides additional practice each week.

**PREREQUISITES:** Introductory Italian or Italian 40S or permission of the department.

# KINESIOLOGY AND APPLIED HEALTH (KIN)

**Note: The department/program code KIN replaces the former code 88. Students cannot hold credit in KIN-xxxx and the former 88.xxxx having the same course number (e.g., KIN-2200(3) and 88.2200(3)).**

**Chair: Professor: G. Bergeron;** Associate Professors: D. Fitzpatrick, F. Gutoski; Assistant Professor: M. Gregg; Lecturer: L. Nazer-Bloom; Instructors: E. Brown, D. Telles-Langdon, B. Trunzo; Coaches: D. Crook, L. McKay.

## DEGREES/PROGRAMS OFFERED

3-Year BA, 4-Year BA, 4-Year BSc

## MISSION

Our mission is to provide an environment where students in Kinesiology and Applied Health can pursue their potential through our commitment to excellence in teaching, research, and community service.

## INTRODUCTION

Kinesiology and Applied Health at the University of Winnipeg is designed to develop an understanding of research and practice in physical activity, fitness, exercise, and sport. The courses focus on the what, why, and how of human physical activity in four main areas of concentration, namely Teaching, Kinesiology, Coaching and Athletic Therapy.

The Bachelor of Arts or Bachelor of Science degrees with a major in Kinesiology focus on areas related to health and fitness, motor behaviour, sport science, sport and exercise psychology, sport management, or athletic therapy. The curriculum in Athletic Therapy is fully accredited by the Canadian Athletic Therapists' Association.

The Coaching area of concentration enables an intense study of a specific sport. This course of study will meet the knowledge requirements of the National Coaching Certification Program.

A Bachelor of Education and a Bachelor of Arts degree with a major in Kinesiology will prepare students to teach physical education at the early, middle, or senior years level, as well as provide them with an understanding of coaching in the school system.

Courses such as Exercise Physiology, Physical Growth and Motor Development, Biomechanics, Sport Injuries, Sport Psychology, Program Planning in Sport and Physical Activity, Principles of Coaching, and various activity courses provide the student with a balance of offerings.

An interdisciplinary approach of combining Kinesiology courses with those in other academic departments, such as Business and Administration or Developmental Studies, offers students flexibility in designing their own course of study.

Graduates of Kinesiology and Applied Health are most likely to be employed in the school system, with amateur or professional sport organizations, in private business, with institutions and agencies, and in public community sport, fitness, and physical recreation programs, or child care settings. Additionally, upon completion of the initial degree, students may pursue graduate studies in areas related to Physical Education or Kinesiology at other universities.

## REQUIREMENTS FOR A 3-YEAR BA IN KINESIOLOGY AND APPLIED HEALTH

<b>ADMISSION REQUIREMENT</b>	Students are advised to consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 48 credit hours/Maximum 48 credit hours.
Double Major:	Minimum 48 credit hours in Kinesiology and Applied Health and specified number of credit hours in the other department/program.

## KINESIOLOGY MAJOR - General

Required Courses:

KIN-1101(3) Introduction to Kinesiology  
KIN-2200(3) Issues in Sport or KIN-2305(3) Issues in Health  
KIN-2304(3) Scientific Principles of Fitness and Conditioning

9 credit hours from:

KIN-2202(3) Prevention and Care of Sport Injuries  
KIN-2204(3) Introduction to Human Physiology  
KIN-2301(3) Human Anatomy

KIN-2501(3) Nutrition for Health and Wellness  
KIN-3106(3) Exercise Physiology  
KIN-3201(3) Biomechanics

6 credit hours from:

KIN-2207(3) Physical Growth and Motor Development  
KIN-3103(3) Adapted Physical Activity  
KIN-3208(3) Physical Activity and Aging  
KIN-4207(3) Motor Learning and Control

3 credit hours from:

KIN-2105(3) Sport Psychology  
KIN-3105(3) Psychological Skills in Sport and Life  
KIN-3305(3) Physical Activity: Promotion and Adherence

Choose 21 additional credit hours from any course offerings in Kinesiology and Applied Health, for a total of 48 credit hours.

## REQUIREMENTS FOR A 4-YEAR BA IN KINESIOLOGY

**ADMISSION REQUIREMENT** Students are advised to consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Social Science: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Major: Minimum 60 credit hours/Maximum 66 credit hours.  
Cognate Courses: Minimum 18 credit hours/Maximum 24 credit hours of ancillary courses  
Maximum total of cognate and major courses is 84 credit hours combined.

Required Courses:

**KIN-1101(3)** Introduction to Kinesiology or  
**KIN-1200(3)** Principles of Coaching  
**KIN-2200(3)** Issues in Sport or  
**KIN-2305(3)** Issues in Health  
**KIN-2204(3)\*** Human Physiology or  
**BIOL-1112(6)** Human Anatomy and Physiology  
**KIN-2301(3)\*** Human Anatomy  
**KIN-3106(3)\*** Exercise Physiology  
**KIN-3201(3)\*** Biomechanics  
**KIN-2105(3)** Sport Psychology or  
**KIN-3105(3)** Psychological Skills in Sport and Life or  
**KIN-3305(3)** Physical Activity: Promotion and Adherence  
**KIN-4207(3)** Motor Learning and Control

\*any 2 will fulfil the science requirement within the Bachelor of Arts degree.

Choose a minimum of 36 additional credit hours from other Kinesiology courses, for a total of 60 credit hours from Kinesiology. A minimum of 18 total credit hours of Kinesiology courses must be at the 3000 or 4000 level.

Statistics Requirement Choose 3 credit hours from:  
**GEOG-2309(3)\*\*** Statistical Techniques in Environmental Analysis  
**PSYC-2101(3)\*\*** Introduction to Data Analysis  
**SOC-2125(3)\*\*** Introduction to Quantitative Research Methods  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I

\*\* Courses with prerequisites

Research Design and Methods Requirement

Choose 3 credit hours from:

**PSYC-2102(3)\*\*** Introduction to Research Methods  
**SOC-2126(3)\*\*** Introduction to Research Design and Qualitative Research



**IDS-3920(3)\*\*** Action Research Methods  
**CJ-2101(3)\*\*** Research Methods in Criminal Justice  
**WGS-3200(6)\*\*** Feminist Research Methodologies Seminar  
 \*\* Courses with prerequisites

## REQUIREMENTS FOR A 4-YEAR BA IN KINESIOLOGY (SPORT COACHING)

**ADMISSION REQUIREMENT** Students are advised to consult with a member of the Department in planning course of study.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**  
 Degree: Minimum 60 credit hours  
 Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**  
 Humanities: 12 credit hours in Humanities  
 Science: 6 credit hours in Science  
 Social Science: 12 credit hours in Social Science  
 Writing: Minimum 3 credit hours of Academic Writing.  
 Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
 Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
 Major: Minimum 60 credit hours/Maximum 66 credit hours.  
 Cognate Courses: Minimum 18 credit hours/Maximum 24 credit hours of ancillary courses.  
 Maximum total of cognate and major courses is 84 credit hours combined.

**Required Courses:**

**KIN-1200(3)** Principles of Coaching  
**KIN-2100(3)** Leadership in Sport: Emerging Perspectives  
**KIN-2101(3)** Program Planning in Sport  
**KIN-2105(3)** Sport Psychology  
**KIN-2200(3)** Issues in Sport  
**KIN-2202(3)** Prevention and Care of Sport Injuries  
**KIN-2204(3)** Introduction to Human Physiology **or**  
**BIOL-1112(6)** Human Anatomy and Physiology  
**KIN-2301(3)** Human Anatomy  
**KIN-2304(3)** Scientific Principles of Fitness and Conditioning  
**KIN-2501(3)** Nutrition for Health and Wellness  
**KIN-3105(3)** Psychological Skills in Sport and Life  
**KIN-3106(3)** Exercise Physiology  
**KIN-3201(3)** Biomechanics  
**KIN-3304(3)** Advanced Resistance Training  
**KIN-4200(3)** Advanced Seminar in Coaching  
**KIN-4207(3)** Motor Learning and Control  
**KIN-4502(3)** Drugs and Ergogenic Aids in Sport

Choose a minimum of 9 additional credit hours from other Kinesiology courses, for a total of 60 credit hours from Kinesiology.

A minimum of 18 total credit hours of Kinesiology courses must be at the 3000 or 4000 level.

**Statistics Requirement**

Choose at least 3 credit hours from:

**GEOG-2309(3)\*\*** Statistical Techniques in Environmental Analysis (prereq. GEOG-1102(3) or GEOG-1103(3) or GEOG-1201(3) or GEOG-1202(3) or permission)  
**PSYC-2101(3)\*\*** Introduction to Data Analysis (prereq. PSYC-1000(6))  
**SOC-2125(3)\*\*** Introduction to Quantitative Research Methods (prereq. SOC-1101(6) or permission of department chair)  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I  
 \*\* Courses with prerequisites

**Research Design and Methods Requirement**

Choose 3 credit hours from:

**PSYC-2102(3)\*\*** Introduction to Research Methods (prereq. PSYC-1000(6), PSYC-2101(3))  
**SOC-2126(3)\*\*** Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)  
**IDS-3920(3)\*\*** Action Research Methods (prereq. IDS-1100(6) or CRS-1200(6) or permission)  
**CJ-2101(3)\*\*** Research Method in Criminal Justice (prere. CJS-1101(6))

**WGS-3200(6)\*\*** Feminist Research Methodologies Seminar  
(prereq. WOM-1232(6) or permission of Programme Coordinator)

*\*\*Courses with prerequisites*

## REQUIREMENTS FOR A 4-YEAR BSc IN KINESIOLOGY (EXERCISE SCIENCE)

**ADMISSION REQUIREMENT** Students are advised to consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 48 credit hours/Maximum 78 credit hours.  
Double Major: Minimum credit hours in Kinesiology and Applied Health and specified number of courses in other major.  
Prerequisites: Chemistry 40S and Pre-Calculus or Applied Mathematics 40S are required.

### Kinesiology Required Courses:

**KIN-1101(3)** Introduction to Kinesiology or **KIN-1200(3)** Principles of Coaching  
**KIN-2200(3)** Issues in Sport or **KIN-2305(3)** Issues in Health  
**KIN-2301(3)** Human Anatomy  
**KIN-2304(3)** Scientific Principles of Fitness and Conditioning  
**KIN-2501(3)** Nutrition for Health and Wellness  
**KIN-3106(3)** Exercise Physiology  
**KIN-3201(3)** Biomechanics  
**KIN-4201(3)** Ergonomics of the Musculoskeletal System or **KIN-4106(3)** Advanced Level Course in Exercise Physiology.  
**KIN-4207(3)** Motor Learning and Control  
**KIN-2105(3)** Sport Psychology or **KIN-3105(3)** Psychological Skills in Sport and Life or **KIN-3305(3)** Physical Activity: Promotion and Adherence

Choose a minimum of 9 additional credit hours from Kinesiology and Applied Health science courses:

**KIN-2202(3)** Prevention and Care of Athletic Injuries  
**KIN-3304(3)** Advanced Resistance Training  
**KIN-3505(3)** Pathology in Sport Medicine  
**KIN-4106(3)** Advanced Level Course in Exercise Physiology.  
**KIN-4201(3)** Ergonomics of the Musculoskeletal System  
**KIN-4301(3)** Applied Anatomy  
**KIN-4502(3)** Drugs and Ergogenic Aids in Sport

Choose an additional minimum 9 credit hours from any other Kinesiology and Applied Health course, for a minimum total of 48 credit hours from Kinesiology and Applied Health. Students may select up to an additional 30 credit hours in Kinesiology and Applied Health to a maximum of 78 credit hours. A minimum of 18 total credit hours of Kinesiology and Applied Health courses must be at the 3000 or 4000 level.

Statistics Requirement

Choose at least 3 credit hours from:

**GEOG-2309(3)\*\*** Statistical Techniques in Environmental Analysis  
(prereq. GEOG-1102(3) or GEOG-1103(3) or GEOG-1201(3) or GEOG-1202(3) or permission)  
**PSYC-2101(3)\*\*** Introduction to Data Analysis (prereq. PSYC-1000(6))  
**STAT-1201(6)** Introduction to Statistical Analysis  
**STAT-1501(3)** Elementary Biological Statistics I

*\*\* Courses with prerequisites*

Research Design and Methods Requirement

Choose 3 credit hours from:

**BIOL-3492(3)** Quantitative and Theoretical Biology (prereq. BIOL-2301(3) and BIOL- 2403(3))  
**PSYC-2102(3)** Introduction to Research Methods (prereq. PSYC-2101(3) or STAT-1501(3))  
**SOC-2126(3)** Introduction to Research Design and Qualitative Research  
(prereq. SOC-1101(6) or permission of department chair)

Science Course Requirement (Non-Kinesiology and Applied Health)

Required:

- CHEM-1111(3)** Introduction to Chemical Properties of Matter  
**CHEM-1112(3)** Basic Principles of Chemical Reactivity  
**\*BIOL-1115(3)** Cells and Cell Processes and **BIOL-1116(3)** Evolution and Ecology and **KIN 2204(3)**  
Introduction to Human Physiology  
or  
**\*BIOL-1112(6)** Human Anatomy and Physiology

Choose a minimum of 18 additional credits from non-Kinesiology and Applied Health science courses for a total of 30 credits of non-Kinesiology science. These can be selected from any course that fulfills the Science Requirement, with the exception of BIOL-1102(6), BIOL-1103(6), HIST-2900(6).

NOTE: The course choices for meeting the Statistics Requirement and the Research Design and Methods Requirement (as outlined above), with the EXCEPTION of GEOG 2309(3) and with the EXCEPTION of SOC 2126(3), may be used as part of this 18 credit hours.

\*Students wishing to double major in Biology or take other Biology courses are normally required to take BIOL-1115(3) and BIOL-1116(3). The Human Anatomy and Physiology course may only be used as a prerequisite for the following upper level courses in Biology:

- BIOL-2301(3)** Genetics  
**BIOL-3202(3)** Histology  
**BIOL-3221(3)** Cell Biology  
**BIOL-3303(3)** Molecular Genetics and Genomics (prereq. BIOL-2301(3))  
**BIOL-3602(3)** Comparative Animal Physiology I  
**BIOL-3603(3)** Comparative Animal Physiology II (prereq. BIOL-3602(3))  
**BIOL-3561(6)** Biology of Human Sex and Reproduction  
**BIOL-4502(3)** Molecular Cell Biology (prereq. BIOL-2301(3), BIOL-3221(3), CHEM-3502(3), CHEM-3503(3), coreq. BIOL-3303(3))  
**BIOL-4601(3)** Ecological Animal Physiology (prereq. CHEM-1111(3), CHEM-1112(3), and any one of BIOL-2111(6), BIOL-3602(3) and BIOL-3603(3), or CHEM-3502(3) and CHEM-3503(3))

## REQUIREMENTS FOR A 4-YEAR BSc IN KINESIOLOGY (ATHLETIC THERAPY)

<b>ADMISSION REQUIREMENT</b>	Students are advised to consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Major:	Minimum 75 credit hours/Maximum 78 credit hours.
Required Courses:	
<b>KIN-1101(3)</b>	Introduction to Kinesiology
<b>BIOL-1112(6)</b>	Human Anatomy & Physiology
<b>PSY-1000(6)</b>	Introductory Psychology
<b>BUS-1201(3)</b>	Introduction to Business I
<b>KIN-2202(3)</b>	Prevention and Care of Sport Injuries
<b>KIN-2301(3)</b>	Human Anatomy
<b>KIN-2304(3)</b>	Scientific Principles of Fitness and Conditioning
<b>KIN-2500(3)</b>	Practicum I- AT: Field/Clinical
<b>KIN-2501(3)</b>	Nutrition for Health and Wellness
<b>KIN-2503(3)</b>	Athletic Taping & Splinting Techniques
<b>KIN-3106(3)</b>	Exercise Physiology
<b>KIN-3107(3)</b>	Therapeutic Modalities in Sport Medicine

<b>KIN-3201(3)</b>	Biomechanics
<b>KIN-3304(3)</b>	Advanced Resistance Training
<b>KIN-3500(6)</b>	Practicum II- AT: Field
<b>KIN-3501(3)</b>	Assessment of Upper and Lower Body Sport Injuries
<b>KIN-3502(3)</b>	Rehabilitation of Upper and Lower Body Sport Injuries
<b>KIN-3503(3)</b>	Massage Techniques in Sport
<b>KIN-3504(3)</b>	Sport First Responder
<b>KIN-3505(3)</b>	Pathology in Sport Medicine
<b>KIN-4301(3)</b>	Applied Anatomy
<b>KIN-4500(6)</b>	Practicum III - AT: Clinical
<b>KIN-4501(3)</b>	Sports Injuries of the Spine
<b>KIN-4502(3)</b>	Drugs and Ergogenic Aids in Sport

Additional Kinesiology electives:

At least one of:

<b>KIN-2305(3)</b>	Issues in Health
<b>KIN-3105(3)</b>	Psychological Skills in Sport and Life

At least one of:

<b>KIN-3103(3)</b>	Adapted Physical Activity
<b>KIN-3208(3)</b>	Physical Activity and Aging
<b>KIN-4207(3)</b>	Motor Learning and Control

The Canadian Athletic Therapists Association (CATA) requires all athletic therapy certification candidates to have completed 1200 hours of internship. The three Practicum courses (KIN-2500(3), KIN-3500(6), KIN-4500(6)) will account for approximately 600 internship hours.

Statistics Requirement

Choose at least 3 credit hours from:

<b>PSYC-2101(3)</b>	Intro to Data Analysis (prereq. PSYC-1000(6))
<b>STAT-1201(6)</b>	Introduction to Statistical Analysis
<b>STAT-1501(3)</b>	Elementary Biological Statistics I

Research Design and Methods Requirement

<b>PSYC-2102(3)</b>	Introduction to Research Methods (prereq. PSYC-2101(3) or STAT-1501(3))
<b>SOC-2126(3)</b>	Introduction to Research Design and Qualitative Research (prereq. SOC-1101(6) or permission of department chair)

## BEd TEACHING MAJOR AND MINORS IN KINESIOLOGY

**KINESIOLOGY MAJOR - Teaching Stream** Required courses:

<b>KIN-2202(3)</b>	Prevention and Care of Injuries
<b>KIN-2301(3)</b>	Human Anatomy
<b>KIN-2304(3)</b>	Scientific Principles of Fitness and Conditioning
<b>KIN-2305(3)</b>	Issues in Health
<b>KIN-3103(3)</b>	Adapted Physical Activity
<b>KIN-3305(3)</b>	Physical Activity: Promotion and Adherence
<b>KIN-3105(3)</b>	Psychological Skills in Sport and Life <b>or</b>
<b>KIN-2105(3)</b>	Sport Psychology

minimum of 6 credit hours from:

<b>KIN-2203(3)</b>	Growth and Development Through Physical Activity (early/middle years)
<b>KIN-2206(3)</b>	Movement Education (early/middle years)
<b>KIN-2207(3)</b>	Physical Growth and Motor Development (all years)
<b>KIN-2302(3)</b>	Teaching Individual Physical Activities (middle/senior years)
<b>KIN-2303(3)</b>	Teaching Team Physical Activities (middle/senior years)

minimum of 9 **additional** credit hours from:

<b>KIN-1103(3)</b>	Basketball 1 (middle/senior years)
<b>KIN-1108(3)</b>	Volleyball 1 (middle/senior years)
<b>KIN-1109(3)</b>	Instructing Sport and Physical Activities (middle/senior years)
<b>KIN-1200(3)</b>	Principles of Coaching (all years)
<b>KIN-2203(3)</b>	Growth and Development through Physical Activity (early/middle years)
<b>KIN-2206(3)</b>	Movement Education (early/middle years)
<b>KIN-2207(3)</b>	Physical Growth and Motor Development (all years)
<b>KIN-2302(3)</b>	Teaching Individual Physical Activities (middle/senior years)
<b>KIN-2303(3)</b>	Teaching Team Physical Activities (middle/senior years)
<b>KIN-3304(3)</b>	Advanced Resistance Training (senior years)

12 additional credit hours from any course offerings in Kinesiology and Applied Health, for a total of 48 credit hours.

#### **KINESIOLOGY TEACHABLE MINOR (Senior and Middle Years)**

Required courses:

- KIN-2302(3)** Teaching Individual Physical Activities
- KIN-2303(3)** Teaching Team Physical Activities
- KIN-2304(3)** Scientific Principles of Fitness and Conditioning
- KIN-2305(3)** Issues in Health
- KIN-3103(3)** Adapted Physical Activity

3 credit hours from:

- KIN-3305(3)** Physical Activity: Promotion and Adherence
- KIN-3105(3)** Psychological Skills in Sport and Life
- KIN-2105(3)** Sport Psychology

#### **KINESIOLOGY TEACHABLE MINOR (Early and Early/Middle Years)**

Required courses:

- KIN-2304(3)** Scientific Principles of Fitness and Conditioning
- KIN-3103(3)** Adapted Physical Activity

9 credit hours from:

- KIN-2203(3)** Growth and Development Through Physical Activity (early/middle years)
- KIN-2206(3)** Movement Education (early/middle years)
- KIN-2207(3)** Physical Growth and Motor Development (all years)
- KIN-2305(3)** Issues in Health

3 credit hours from:

- KIN-3305(3)** Physical Activity: Promotion and Adherence
- KIN-3105(3)** Psychological Skills in Sport and Life
- KIN-2105(3)** Sport Psychology

#### **GENERAL INFORMATION**

**Note:** Students should be aware that Kinesiology and Applied Health courses are offered as part of the Interdisciplinary Majors in Business and Administration, Developmental Studies and Criminal Justice. Students interested in pursuing a double major might be interested in these programs and should consult the calendar entries for these areas of study. See Course Descriptions for prerequisites.

Courses in the Department of Kinesiology and Applied Health are scheduled on a rotation basis. Since faculty members are responsible for multiple courses, a given course may not be scheduled annually. Every effort is made to offer all courses for timely access by students. Contact the Department to express interest in a particular course or in knowing when it will be next available.

## **COURSE LISTINGS**

KIN-1101(3)	Introduction to Kinesiology	KIN-2302(3)	Teaching Individual Physical Activity
KIN-1103(3)	Coaching & Teaching Basketball I	KIN-2303(3)	Teaching Team Physical Activities
KIN-1108(3)	Coaching & Teaching Volleyball I	KIN-2304(3)	Scientific Principles of Fitness & Conditioning
KIN-1109(3)	Instructing Sport and Physical Activities (middle/senior years)	KIN-2305(3)	Issues in Health
KIN-1200(3)	Principles of Coaching	KIN-2500(3)	Practicum I: Field/Clinical
KIN/CLAS-2060(3)	Sport in the Ancient World	KIN-2501(3)	Nutrition For Health And Wellness
KIN-2100(3)	Leadership in Sport: Emerging Perspectives	KIN-2503(3)	Athletic Taping And Splinting Techniques
KIN-2101(3)	Program Planning In Sport	KIN-3103(3)	Adapted Physical Activity
KIN-2103(3)	Coaching & Teaching Basketball II	KIN-3104(3)	Philosophy of Sport
KIN-2104(3)	Outdoor Recreation And Education	KIN-3105(3)	Psychological Skills In Sport and Life
KIN-2105(3)	Sport Psychology	KIN-3106(3)	Exercise Physiology
KIN-2108(3)	Coaching & Teaching Volleyball II	KIN-3107(3)	Therapeutic Modalities in Sport Medicine
KIN-2200(3)	Issues In Sport	KIN-3201(3)	Biomechanics
KIN-2202(3)	Prevention And Care of Sport Injuries	KIN-3206(3)	Directed Studies
KIN-2203(3)	Growth And Development Through Physical Activity	KIN-3208(3)	Physical Activity and Aging
KIN-2204(3)	Introduction to Human Physiology	KIN-3304(3)	Advanced Resistance Training
KIN-2206(3)	Movement Education	KIN-3305(3)	Physical Activity: Promotion and Adherence
KIN-2207(3)	Physical Growth and Motor Development	KIN-3500(6)	Practicum II: Field
KIN-2301(3)	Human Anatomy	KIN-3501(3)	Assessment of Upper And Lower Limb Sport Injuries

KIN-3502(3) Rehabilitation of Upper And Lower Limb Sport Injuries  
 KIN-3503(3) Massage Techniques in Sport  
 KIN-3504(3) Sport First Responder  
 KIN-3505(3) Pathology in Sport Medicine  
 KIN-4200(3) Advanced Seminar in Coaching  
 KIN-4201(3) Ergonomics of the Musculoskeletal System  
 KIN-4206(3) Directed Studies  
 KIN-4207(3) Motor Learning and Control  
 KIN-4301(3) Applied Human Anatomy

KIN-4500(6) Practicum III: Clinical  
 KIN-4501(3) Sports Injuries of the Spine  
 KIN-4502(3) Drugs and Ergogenic Aids in Sport

#### **COURSES OFFERED IN OTHER DEPARTMENTS**

GEOG-2407(3) Recreation Geography  
 GEOG-4407(3) Advanced Recreation Geography  
 SOC-2000(3) Sociology Sport  
 SOC-2001(3) Sociology Leisure

## **COURSE DESCRIPTIONS**

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

### **KIN-1101(3) INTRODUCTION TO KINESIOLOGY (Le3)**

This course is an introduction to the study of human movements, considering knowledge, theory, and application related to physical activity and sport. Human movement is examined from various perspectives, including exercise physiology, biomechanics, motor learning, sport psychology, sport ethics, and sport sociology. This course also includes a review of kinesiology-based career options.

### **KIN-1103(3) COACHING AND TEACHING BASKETBALL I (Le3)**

This course offers an introduction to the coaching and teaching of fundamental and one-on-one basketball skills. Students will be given the opportunity for peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.

### **KIN-1108(3) COACHING AND TEACHING VOLLEYBALL I (Le3)**

This course offers an introduction to the coaching and teaching of basic volleyball skills and rules. Students will be given the opportunity for peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.

### **KIN-1109(3) INSTRUCTING SPORT AND PHYSICAL ACTIVITIES (Le3)**

This course focuses on knowledge and strategies for instructing sport and physical activity. The target sport or physical activity varies. Topics include terminology, rules, offensive and defensive strategies and tactics, and basic skills of selected sport or activity. Learning outcomes, lesson and unit planning, practice preparation, and skill instruction are covered. Students are expected to be physically active in class and conduct in-class peer teaching. This course may be repeated for credit when the topic varies.

**RESTRICTIONS:** Students with standing in the former KIN-2110: Soccer may not receive credit for KIN-1109: Soccer.

### **KIN-1200(3) PRINCIPLES OF COACHING (Le3)**

This course provides a thorough introduction to the coaching process emphasizing the theory and techniques of instruction, preparation and programming. This course will meet the knowledge requirements of the National Coaching Certification Program.

### **KIN-2060(3) SPORT IN THE ANCIENT WORLD (Le3)**

The course examines the origin and historical development of sport in Greece and Rome, its religious and political

implications, and the nature of events and contests. Particular attention is given to intellectual and popular attitudes toward sport and the contribution made by Greece and Rome in this area to Western civilization.

**CROSS-LISTED:** Classics CLAS-2060(3).

### **KIN-2100(3) LEADERSHIP IN SPORT: EMERGING PERSPECTIVES (Le3)**

This course explores the origins and development of leadership theory and also discusses emerging contemporary leadership frameworks and their relevance to practitioners in sport. Conclusions about effective leadership are developed resulting from a review of the most recent research in sport and other related disciplines, and students generate a personal leadership framework enabling them to pursue their future leadership roles with clarity and confidence.

### **KIN-2101(3) PROGRAM PLANNING IN SPORT (Le3,LaV)**

This course examines the planning process as it relates to the delivery of sport programs. Special emphasis is given to needs assessment, program design, planning and periodization, risk management formative and summative evaluation, effective sponsorship, fundraising, and program promotion.

### **KIN-2103(3) COACHING AND TEACHING BASKETBALL II (Le3)**

This course focuses on the coaching and teaching of basketball team offensive and defensive skills. Game strategies, practice and game preparation will also be examined. Students will be given the opportunity to assist coaches in the public school setting as well as to participate in peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.

**PREREQUISITES:** KIN-1103(3) or permission of instructor.

### **KIN-2104(3) OUTDOOR RECREATION AND EDUCATION (Le3,La1)**

This course views the outdoors as a laboratory for multi-disciplinary approach to learning. The course focuses on the inter-relationships of skills and knowledge in the areas of recreation, education and the environment. Field trips and other outdoor experiences will be an important aspect of the course.

### **KIN-2105(3) SPORT PSYCHOLOGY (Le3)**

This course examines the latest research and practice in sport psychology. The psychological effects and contributing factors related to each issue/topic are examined to determine the implications for those involved in sport and related roles and fields. This course also explores the needs

of individual participants and the nature of group processes, as well as issues relating to the enhancement of performance, health and well-being.

**KIN-2108(3) COACHING AND TEACHING VOLLEYBALL II (Le3)** This course focuses on the coaching and teaching of volleyball team offensive and defensive skills. Game strategies and practice preparation will also be examined. Students will be given the opportunity to participate in peer teaching and coaching. This course will meet the knowledge requirements of the National Coaching Certification Program.

**PREREQUISITES:** KIN-1108(3) or permission of instructor.

**KIN-2200(3) ISSUES IN SPORT (Le3)** This course focuses on political, ethical, social and cultural issues related to sport organization, implementation, or participation. Students are challenged to assess current issues such as fair play, drug abuse, human rights, etc. and develop perspectives and strategies based on an appreciation of historical, philosophical, and moral considerations.

**PREREQUISITES:** A minimum of 30 credit hours (1<sup>st</sup> year standing) including one of KIN-1101(3) or KIN-1200(3).

**KIN-2202(3) PREVENTION AND CARE OF SPORT INJURIES (Le3,La2)** This course examines techniques and strategies for the prevention and immediate care of athletic injuries. As a requirement of the course, students must obtain certification in Standard First Aid and CPR Basic Rescuer. This course can be used toward the Science requirement. Students completing the course have the opportunity to certify in Level I and II of the Provincial Athletic First Aider Program. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-2301(3).

**KIN-2203(3) GROWTH AND DEVELOPMENT THROUGH PHYSICAL ACTIVITY (Le3,LaV)** This course involves the study of child growth and development through physical activity. Methods of optimizing the stimulus for affective, cognitive, perceptual-motor, and physical growth and development are explored. Leadership and programming issues in youth sports, schools, day-care, and recreational settings are discussed.

**KIN-2204(3) INTRODUCTION TO HUMAN PHYSIOLOGY (Le3,La2)** The purpose of this course is to acquaint the student with the fundamental mechanisms of human physiology. Biological control systems, cellular physiology and the integration of body functions form the main content of the course. Emphasis will be placed on the circulatory, respiratory, nervous, endocrine, muscular and digestive systems. This course can be used toward the Science requirement.

**RESTRICTIONS:** Students cannot receive credit for KIN-2204(3) and Biology BIOL-1103(6), or KIN-2204(3) and Biology BIOL-1112(6).

**Note:** This course is primarily intended for Kinesiology students pursuing a degree in Arts or Education.

**KIN-2206(3) MOVEMENT EDUCATION (Le3,LaV)** This course focuses upon the theory and practice of movement education, and its application to contemporary physical activity programs. There is a particular emphasis on instructional and management strategies effective for the development of motor skills, games, gymnastics, fitness and dance activities for children.

**KIN-2207(3) PHYSICAL GROWTH AND MOTOR DEVELOPMENT (Le3)** This course reviews knowledge and

practice pertaining to physical growth, biological maturation, and motor development and their interrelationship in human performers. Particular emphasis is placed on the assessment and the development of basic movement skills through programming strategies for individuals and large groups.

**KIN-2301(3) HUMAN ANATOMY (Le3,La2)** This course involves a study of the human anatomical systems and their integration. Special emphasis is placed on the skeletal, articular and muscular systems. As well, the course investigates the analysis of movement. This course can be used toward the Science requirement.

**KIN-2302(3) TEACHING INDIVIDUAL PHYSICAL ACTIVITIES (Le2,LaV)** This course is designed to develop basic knowledge in the instruction of selected individual and dual sports/activities, appropriate in middle and senior years youth physical education programs, in schools or other settings. Principles of instruction, skill development, basic rules, and strategies of play are studied. Information on growth and motor development, motor learning and control, exercise physiology, and biomechanics related to instruction are also examined.

**KIN-2303(3) TEACHING TEAM PHYSICAL ACTIVITIES (Le2,LaV)** This course is designed to develop basic knowledge in the instruction of selected team sports and activities, appropriate in middle and senior years youth physical education programs, in schools, or other settings. Principles of instruction, skill development, basic rules, and strategies of play will be studied. This course will also examine information on current organizational, administrative, management practices and trends as they relate to physical education curriculum, unit, and lesson planning will also be examined.

**KIN-2304(3) SCIENTIFIC PRINCIPLES OF FITNESS AND CONDITIONING (Le3,La2)** In this course students understand and apply physiological principles to sport, fitness, physical activity, health, and physical education. Students also evaluate existing conditioning methods and develop skills in fitness assessment and exercise prescription. This course meets the knowledge requirement of the Manitoba Fitness Council's Fitness Theory Course. This course can be used toward the Science requirement.

**KIN-2305(3) ISSUES IN HEALTH (Le3)** This course introduces the student to contemporary topics and issues in health and wellness. Issues are drawn from areas such as mental, emotional, physical, social, spiritual, and occupational health, for example, sexual health concerns, body image and stress management. This course prepares students to participate in health promotion in the school or community by developing the knowledge necessary to make responsible health decisions.

**KIN-2500(3) PRACTICUM I FIELD/CLINICAL (V)** The purpose of this course is to provide the student with insights into field and clinical responsibilities of athletic therapy. The student is assigned as an assistant to a health care provider in both field and clinical settings. The student is introduced to the application of theoretical knowledge about the prevention and on-field and clinical management of sport injuries. This practicum provides approximately 100 internship hours toward certification by the Canadian Athletic Therapists Association. This course can be used toward the Science requirement.

**Co-REQUISITES:** KIN-2503(3) and KIN-3504(3) and permission of instructor.

**KIN-2501(3) NUTRITION FOR HEALTH AND WELLNESS**

**(Le3)** This course introduces the student to nutrition information, especially as it contributes to informed decision-making. Students develop an understanding of the importance of appropriate food choices by focusing on the role of nutrition in optimal health, physical activity and disease prevention. Topics include the major nutrients, Canadian nutritional standards and guidelines. This course is particularly useful for students who intend to become physical education teachers, coaches, and athletic therapists. This course can be used toward the Science requirement.

**KIN-2503(3) ATHLETIC TAPING AND SPLINTING TECHNIQUES**

**(Le3, LaV)** In this course, the student studies the theoretical bases and learn the application of various taping and splinting techniques in sport. The student develops proficiency in the advanced techniques of taping the foot, ankle, knee, hip and upper limb. The student is also introduced to techniques in splinting and bracing including foot orthotics, knee braces, and specialized splints.

**PREREQUISITES:** A minimum grade of B in KIN-2202(3) and KIN-2301(3) or permission of instructor.

**KIN-3103(3) ADAPTED PHYSICAL ACTIVITY**

**(Le2,LaV)** This course discusses relevant topics such as diversity, adaptation, inclusion, and the interaction of person, task and environment variables in facilitating physical activity for persons with disabilities. While the focus is on school physical education programs, the course has application to other environments, such as fitness, recreation, sport, and institutional settings. Students are required to volunteer in an out-of-class physical activity program for people with disabilities (minimum of 8 hours) and submit a typed report their experiences.

**KIN-3104(3) PHILOSOPHY OF SPORT**

**(Le3)** This course examines how such philosophical concepts as idealism, realism, pragmatism, and existentialism relate to and influence sport within a culture. Special attention is given to this relationship as it pertains to the North American educational system.

**KIN-3105(3) PSYCHOLOGICAL SKILLS IN SPORT AND LIFE**

**(Le3,LaV)** This course involves the study of theories and practices pertaining to psychological skill assessment, development and monitoring. Modern mental preparation techniques will be analyzed and implications for performance and satisfaction enhancement in sport and life discussed.

**KIN-3106(3) EXERCISE PHYSIOLOGY**

**(Le3,La3)** This course examines the physiological response of the human body to the stress of acute and chronic exercise. Emphasis is placed on the neuromuscular and cardio-respiratory systems with special attention to the application of physiological principles of training. Laboratory work will illustrate specific physiological effects of exercise stress. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-2204(3) or BIOL-1112(6) or permission of instructor.

**KIN-3107(3) THERAPEUTIC MODALITIES IN SPORT MEDICINE**

**(Le3)** This course involves a study of the principles of various modalities utilized in an athletic therapy clinic for the rehabilitation and reconditioning of sports injuries. It deals with the physiology of healing and how this process can be facilitated with the use of

therapeutic modalities including ice, heat, muscle stimulation, ultrasound, and lasers. This course can be used toward the Science requirement.

**PREREQUISITES:** A minimum grade of B in KIN-2301(3), KIN-2202(3), and KIN-3505(3) or permission of the instructor.

**KIN-3201(3) BIOMECHANICS**

**(Le3,La2)** This course employs mechanical and neuromuscular principles in the qualitative and quantitative analysis of human movement. Laboratory work examines two-dimensional kinematics and kinetics. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-2301(3).

**RESTRICTION:** Students may not hold credit for this course and the former KIN-2201(3).

**KIN-3206(3) DIRECTED STUDIES**

**(D)** Students wishing to pursue topics of special interest at an advanced level may do so in consultation with and under the supervision of a faculty member.

**PREREQUISITES:** Permission of the Department.

**KIN-3208(3) PHYSICAL ACTIVITY AND AGING**

**(Le3)** The course introduces students to various theories, concepts, topics, and issues associated with the effects of physical activity on adult development and aging. Course content includes a brief review of the nature of aging; physical activity patterns and preferences of older adults; the impact of the aging process on selected systems of the body; the impact of physical activity on aging adults; the impact of physical activity on disease states in older adults; and physical activity program design and delivery for older populations. Students are required to participate in a community practicum experience related to adult development, aging and physical activity.

**KIN-3304(3) ADVANCED RESISTANCE TRAINING**

**(Le3,LaV)** This course examines the principles of resistance training from anatomical, biomechanical and physiological bases. Topics to be covered include: teaching specific exercise techniques, spotting and participant safety, program design, testing and monitoring, and physiological adaptations to training. The course has a large practical component, in which students are expected to acquire and demonstrate their expertise in the topic areas. This course will meet the knowledge requirement of the Manitoba Fitness Council's Resistance Training Course. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-2301(3) and KIN-2304(3).

**KIN-3305(3) PHYSICAL ACTIVITY: PROMOTION AND ADHERENCE**

**(Le3)** This course examines theory and practices that promote the adoption of physical activity and health behaviour, as well as strategies to foster adherence. Topics include effective individual and community intervention design, counselling in the fitness profession and the dose-response relationship to adherence of physical activity. Issues related to obesity, exercise addiction and physical activity across the lifespan are also discussed.

**KIN-3500(6) PRACTICUM II: FIELD**

**(V)** The purpose of this course is to provide on-field experience in athletic therapy under the supervision of a certified athletic therapist or approved health professional. The student will learn to apply the theoretical knowledge of injury prevention, pre-game preparation, trauma management, injury assessment, treatment and rehabilitation in a field setting. The practicum will provide approximately 250 internship hours toward certification by the Canadian Athletic Therapists Association. This course can be used toward the Science requirement.

**PREREQUISITES:** Minimum Grade of B in KIN-2500(3), KIN-



2503(3), KIN-3504(3) **AND** permission of instructor

**KIN-3501(3) ASSESSMENT OF UPPER AND LOWER LIMB SPORT INJURIES (Le3, La2)** This course presents the theoretical and practical knowledge necessary for the recognition of athletic injuries to the appendicular skeleton. Students will study orthopaedic assessment techniques as well as history taking, record keeping, and assessment protocols. This course can be used toward the Science requirement.

**PREREQUISITES:** A minimum grade of B in KIN-2301(3) and KIN-2202(3) or permission of instructor.

**KIN-3502(3) REHABILITATION OF UPPER AND LOWER LIMB SPORT INJURIES (Le3, La2)** This course presents the theoretical and practical knowledge necessary for the treatment of athletic injuries to the appendicular skeleton. Students will study rehabilitation protocols, including pain and inflammation management, range of motion, strength and reintegration to physical activity. This course can be used toward the Science requirement.

**PREREQUISITES:** A minimum grade of B in KIN-2304(3), KIN-3201(3) and KIN-3501(3) or permission of instructor.

**KIN-3503(3) MASSAGE TECHNIQUES IN SPORT (Le3, LaV)** In this course the student learns the theoretical basis and technical application of sport massage. The course examines the basic components of sport massage, pre- and post- event massage techniques, and the role of massage in the rehabilitation of athletic injuries.

**PREREQUISITES:** A minimum grade of B in KIN-2301(3) or permission of instructor.

**KIN-3504(3) SPORT FIRST RESPONDER (Le3, LaV)** In this course, students study the essentials of emergency care and develop the skills required to effectively respond to a medical emergency, particularly as it relates to the sport environment. Topics include field evaluation of traumatic injuries, primary and secondary survey, airway management, and neurological, internal and orthopaedic injuries.

**PREREQUISITES:** A minimum grade of B in KIN-2202(3) or permission of instructor.

**KIN-3505(3) PATHOLOGY IN SPORT MEDICINE (Le3)** This course introduces the student to pathological manifestations occurring during illness and injury. Topics include the cellular and vascular events that occur after an injury, the inflammatory and healing process, as well as the many systemic and organically based illnesses and injuries that may be complicating factors when treating athletic injuries. This course can be used toward the Science requirement.

**PREREQUISITES:** BIOL-1112(6) or KIN-2204(3) and KIN-2301(3) or permission of instructor.

**KIN-4200(3) ADVANCED SEMINAR IN COACHING (Le3, LaV)** This course is designed to integrate the theoretical and technical components of coaching. Students will discuss and prepare annual and quadrennial plans for their sport.

**PREREQUISITES:** KIN-1200(3), KIN-2101(3), KIN-2105(3), KIN-2501(3), KIN-3106(3), KIN-3201(3) and KIN-3304(3).

**Co-REQUISITES:** KIN-4207(3).

**RESTRICTIONS:** Students may not hold credit for this course and the former 88.3200(3).

**KIN-4201(3) ERGONOMICS OF THE MUSCULOSKELETAL SYSTEM (Le3)** This course focuses on the applied biomechanics of the musculoskeletal system, with specific

emphasis on the role that effective and efficient ergonomics can play in the prevention of both acute and chronic injuries of the musculoskeletal system that occur as a result of abnormal, altered, or inefficient anatomical biomechanics. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-4301(3).

**KIN-4206(3) DIRECTED STUDIES (D)** Students pursue topics of special interest at an advanced level in consultation with, and under the supervision of a faculty member. Content and approach vary depending upon instructor and student interests.

**PREREQUISITES:** Permission of the Department.

**KIN-4207(3) MOTOR LEARNING AND CONTROL (Le3)** This course investigates contemporary theories, topics and issues in motor learning and motor control. Relevant theoretical concepts are applied to teaching, coaching and other physical activity settings. Various theories of motor learning and control are studied with an emphasis on Dynamic Systems Theory. The course studies the conditions and underlying processes associated with motor skill learning. Specific topics include the nature of motor learning and control; measurement and motor performance; structuring a practice environment; effective instructional conditions; transfer of learning; feedback; the controversy over abilities; and underlying neuromuscular processes in motor skill learning. This course can be used toward the Science requirement.

**RESTRICTIONS:** Students may not hold credit for this course and the former 88.3207(3).

**KIN-4301(3) APPLIED HUMAN ANATOMY (Le3)** The course focuses on the functional aspects of human anatomy. Topics include applied neuroanatomy surface anatomy, arthrokinematics, muscular synergies in movement and palpatory skills. The course is particularly useful for students interested in Athletic Therapy, personal fitness training and other related medical fields. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-2301(3), KIN-3201(3) AND KIN-2204(3) or BIO-1112(6).

**KIN-4500(6) PRACTICUM III: CLINICAL (V)** The purpose of this course is to gain advanced clinical experience in athletic therapy under the direct supervision of a certified athletic therapist or approved health professional. The student applies the theoretical knowledge of trauma management, injury assessment, treatment and rehabilitation in clinical settings. This practicum provides approximately 250 internship hours toward certification by the Canadian Athletic Therapists Association. This course can be used toward the Science requirement.

**PREREQUISITES:** Minimum Grade of B in KIN-2500(3), KIN-3502(3) **AND** permission of instructor.

**KIN-4501(3) SPORTS INJURIES OF THE SPINE (Le3, La2)** The student studies injuries incurred to the cervical, thoracic and lumbar spine including joints, ligaments, discs and surrounding musculature. The brain and skull are also studied. Topics include anatomy, mechanisms of injury, signs and symptoms, assessment techniques, treatment and rehabilitation. This course can be used toward the Science requirement.

**PREREQUISITES:** A minimum grade of B in KIN-3501(3) and KIN-3502(3) or permission of instructor.

**KIN-4502(3) DRUGS AND ERGOGENIC AIDS IN SPORT (Le3)** This course examines the historical and contemporary issues and the physiological effects of the use and abuse of

drugs and ergogenic aids in sport. Topics include the physiological effects of performance enhancing drugs such as anabolic steroids, stimulants, beta blockers, herbal supplements, creatine, and blood doping. The student is introduced to national and international guidelines for banned substances and testing protocols. Discussion also includes the common prescription and non-prescription

drugs used in sport. The moral and ethical aspects of drugs and ergogenic aids in sport are emphasized throughout the course. This course can be used toward the Science requirement.

**PREREQUISITES:** KIN-3106(3)

# INTERDISCIPLINARY LINGUISTICS (LING)

**Coordinator: G. Fulford;** Faculty: Professors: P. Greenhill, Z. Izydorczyk, M. McIntyre, L. Rodriguez; Associate Professors: J. Cahill, K. Malcolm, T. Whalen; Assistant Professor: L. Edmund

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**4-Year BA**

**Honours BA Linguistics**

## INTRODUCTION

Linguistics courses examine the complexities of language use in daily communication in various social and cultural contexts. A better understanding of how language encodes meaning helps students write, read and speak with greater confidence, fluency, and power. A better understanding of how the cultural context influences and is influenced by linguistic choices enables students to extend their range of and success with subtle forms of expression.

Through a 3-Year BA, 4-Year BA, or Honours BA, students investigate written and spoken, literary and non-literary texts from relevant theoretical perspectives. Many Linguistics courses are taken in departments such as Anthropology, English and Modern Languages and Literatures, and are cross-listed as Linguistics courses, hence the interdisciplinary nature of the program.

## REQUIREMENTS FOR A 3-YEAR BA IN INTERDISCIPLINARY LINGUISTICS

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Program Coordinator in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Linguistics and specified number of credit hours in the other department/program.
Required Courses:	Minimum 15 credit hours from LIST A. Minimum 15 credit hours from LIST B.
Combined Major:	Minimum 48 credit hours from two (2) different Majors with not less than 18 credit hours from each major subject.
Prescribed Courses:	Introduction to Linguistics LING-1001(3) 6 credit hours from LING-2000 series, and 3 credit hours LING-2101

## Course Levels

### First-Year Course:

The Introduction to Linguistics course **LING-1001(3)** should be taken in the first year if possible. This course introduces and prepares students for 2000-level linguistics courses.

### Upper-Level Courses:

In the Interdisciplinary Linguistics Program, 2000-level courses are often taken in the second year, 3000 in the third year of studies, and 4000 in the fourth year. If the second digit from the left is a 0, the course is considered the linguistics branch (e.g. 2001-2010); if the second digit from the left is a 1, the course is considered the language and culture branch (e.g. 2101); if the second digit from the left is a 2, the course focus is determined by the instructor (e.g. 4204); if the second digit from the left is a 3, the course is delivered in French; if the second digit from the left is 4, the course is delivered in German.

Students registering in 2000-, 3000-, 4000-level courses must consult with the Program Coordinator. All students must have their major programs approved by the Coordinator.

While 4000-level courses are part of the Honours program, some students in the general program may be qualified to take them. Students who wish to take 4000-level courses must meet performance and prerequisite or co-requisite requirements. Qualified general students may apply to take 4000-level courses by completing an Honours application form and getting the written approval of the Program Coordinator.

## REQUIREMENTS FOR A 4-YEAR BA IN INTERDISCIPLINARY LINGUISTICS

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Coordinator in planning their studies. Minimum 30 credit hours completed previously.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours in the Major subject.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the program.
Required courses:	
2000 and 3000 levels	Minimum 18 credit hours from LIST A and 18 credit hours from LIST B.
4000 levels	Minimum 12 credit hours from LIST A and LIST B
Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject
Prescribed Courses:	Introduction to Linguistics LING-1001(3) 6 credit hours from LING-2000 series 3 credit hours LING-2101 6 credit hours LING-3001

### Additional Information:

Qualified students may substitute 4000-level courses for 2000 and 3000-level courses.  
To qualify for 4000-level courses, students must have a 3.0 GPA (B) in major courses and permission of the Coordinator. Students lacking the requisite 3.0 GPA should consult the Coordinator regarding eligibility to take 4000-level courses.

## REQUIREMENTS FOR AN HONOURS BA IN INTERDISCIPLINARY LINGUISTICS

<b>ADMISSION REQUIREMENT</b>	
Entry into the program after completing a minimum of 30 credit hours.	
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.	
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.	
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).	
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours are at the 4000 level
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>HONOURS REQUIREMENT</b>	
Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject.
2000 or 3000 levels	Minimum 39 credit hours in the interdisciplinary linguistics courses from List A (21 credit hours) and LIST B (18 credit hours)
4000 level	Minimum 15 credit hours of courses at the 4000 level from List A and/or LIST B.

## ADDITIONAL REQUIREMENTS

Minimum 6 credit hours in the study of a second language from the Classics (Greek or Latin), Modern Languages and Literatures (French, German, Spanish, Italian), English (Old English), Religious Studies (Arabic, Biblical Hebrew, Chinese, Japanese), or Education (Cree, Ojibwe) Departments.

Double Honours: Minimum 36 credit hours in each Honours Subject  
Minimum 24 credit hours at the upper level (3000 and 4000 level courses)  
Minimum 15 credit hours of courses at the 4000 level from List A and/or LIST B.

Required courses: Textual Analysis LING-3001(6), Varieties of English LING-2101(3) (underlined below)

**COGNATE COURSES:** There are additional courses offered by the following departments/programs which are relevant to Majors in Interdisciplinary Linguistics: Anthropology, Classics, Education, Modern Languages and Literatures, Philosophy, Psychology, Sociology, Rhetoric, Writing and Communications and Women's and Gender Studies. Students should consult with Program Coordinator or designate.

### Additional Information:

Honours Students must consult with the Program Coordinator or designate in planning their curriculum and completing the required Honours form **at each registration**.

For Students not in the Honours Program: Minimum 3.0 GPA (B) in Honours Subject courses (students lacking the requisite 3.0 GPA should consult the Program Coordinator regarding eligibility to take 4000-level Honours courses).  
Permission of the Program Coordinator or designate.

## GENERAL INFORMATION

In the following descriptions of Interdisciplinary Linguistics Program courses, these terms are used:

**PREREQUISITE:** A course which students must have taken before they can enter another course.

**COREQUISITE:** A course that must be taken during the same session as another course.

**COGNATE:** A course from a related department.

**CROSS-LISTED:** A cross-listed course is available as part of a major in more than one department or program.

For the following courses there are additional **prerequisites**; please check the course descriptions:

LING-2301(3) Phonetics  
LING-3002(3) Discourse Analysis  
LING-3101(3) Institutional Discourse  
LING-3301(3) French Lexicology  
LING-3302(3) French Morphology & Syntax  
LING-4301(3) French Lexicography  
LING-4302(3) Syntax of Modern French

For prerequisites for 4000-level courses, see individual course descriptions following.

### 4000-Level Courses

Minimum 3.0 GPA (B) in major courses (students lacking the requisite 3.0 GPA should consult the Program Coordinator or designate concerned regarding eligibility to take 4000-level courses). Permission of the Program Coordinator or designate is required for each 4000-level course.

## COURSE LISTINGS

### LIST A *Basic Courses*

<i>In English</i>			
LING-1001(3)	Introduction to Linguistics	LING-4101(3)	Topics in Language and Culture
LING-2001(3)	Phonetics and Phonology	LING-4201(3)	Special Studies I
LING-2002(3)	Morphology	LING-4202(6)	Special Studies II
LING-2003(3)	Syntax	LING-4203(3)	Tutorial Apprenticeship
LING-2004(3)	Semantics: Philosophical Foundations	LING-4204(3)	Research Apprenticeship
LING-2101(3)	Varieties of English		<i>In French</i>
LING-3001(6)/(3)	Textual Analysis	LING-2301(3)	French Phonetics
LING-3002(3)	Discourse Analysis	LING-3301(3)	French Lexicology
LING-3101(3)	Institutional Discourse	LING-3302(3)	French Morphology and Syntax
LING-3201(3)	Special Studies	LING-4301(3)	French Lexicography
LING-4001(2)	History of Linguistics	LING-4302(3)	Syntax of Modern French
LING-4002(3)	Contemporary Linguistics Theory		<i>In German</i>
LING-4003(3)	Topics in Linguistics	LING-2401(3)	German Phonetics
LING-4004(3)	Honours Thesis	LING-3401(3)	German Lexicology

**LIST B****Interdisciplinary Applications  
In English**

ANTH-2400(3)	Method and Theory in Linguistic Anthropology
ANTH-3400/4400(3)	Applied Linguistic Anthropology
CLAS-2800(3)	Greek and Latin in Today's English
CRS -2252(3)	Conflict and Communication
PSYC-2620(3)	Psycholinguistics
RHET -2139(3)	Rhetorics of Visual Representations
WGS -2001(3)	Gender and Folklore
PHIL -2372(3)	Philosophy of Language
ANTH-3113(3)	Algonquian Ethnography
ENGL-3812(6)	A History of the English Language
PSYC-3480(3)	Interpersonal Communication
SOC -3209(6)	Mass Communication and Popular Culture

RHET-3151(3)	Critical Studies of Discourse
RHET-3153(3)	Studies in the Rhetorics of Gender
ANTH-4103(3)	Structuralism and Semiotics
ANTH-4113(3)	Algonquian Ethnography

**In French**

FREN-3301(3)	A History of the French Language
FREN-3111(6)	Comparative Stylistics and Translation
FREN-3202(3)	Regional Varieties of French
FREN-3205(3)	Studies in Bilingualism

**In German or Spanish**

GERM-3404(3)	A History of the German Language
SPAN-3301(3)	A History of the Spanish Language

Please Note: The French courses listed have *no relation* to the English courses listed on the same line beside them.

## COURSE DESCRIPTIONS

**LING-1001(3) INTRODUCTION TO LINGUISTICS (Le3)**

This course introduces students to the nature of human language and linguistic research. The aim is familiarize students with the structural and interpretive properties of language by focusing on the following core areas: morphology (word structure), syntax (sentence structure) and phonology (sound structure). Other topics covered include language acquisition, language variation and language change. Several global languages will be used for illustration.

**LING-2001(3) PHONETICS AND PHONOLOGY (Le3)** The course describes all English consonant and vowel sounds in terms of their place and manner of articulation. It also identifies how sounds are organized into syllables and words by studying the concepts of phonemes, allophones, and phonological rules. Although the focus is on English phonology, the course refers to other languages to illustrate key concepts.

**RESTRICTIONS:** This course may not be taken by students with credit in ENG-2803(3).

**CROSS-LISTED:** ENG-2803(3)

**LING-2002(3) MORPHOLOGY (Le3)** This course introduces students to the concepts and methods of word analysis. Students investigate the nature of morphemes (smallest units of meaning), their different types and functions, and the different ways they are organized into words. The course explores the process of word formation through derivation and compounding as well as grammatical uses of inflectional morphemes. Based largely in English, both lectures and exercises also draw on various other languages to highlight key morphological features and constructs.

**RESTRICTIONS:** This course may not be taken by students with credit in ENG-2803(3).

**CROSS-LISTED:** ENG-2805(3)

**LING-2003(3) SYNTAX (Le3)** Syntax is the study of the arrangement of words into groups, clauses and sentences. In this course students use morphological, syntactic, semantic, and lexical criteria to define traditional parts of speech, in order to understand how these parts of speech combine in different types of groups or phrases, which in turn form a variety of clauses and sentence types. Form and function, or class and structure, are introduced from the perspective of systemic functional and communication linguistics. Then, these descriptive frameworks are

contrasted with transformational generative models and others.

**RESTRICTIONS:** This course may not be taken by students with credit in ENG-2802(3).

**CROSS-LISTED:** ENG-2802(3)

**LING-2004(3) SEMANTICS: PHILOSOPHICAL FOUNDATIONS (Le3)**

This course offers an introduction to the basic concepts and methods in the analysis of natural language meaning. Students examine current approaches and assess their merit. Approaches to be covered may include structuralist semantics, cognitive semantics, referential semantics, and radical pragmatics.

**CROSS-LISTED:** ENG-2806(3), PHIL-2374(3)

**LING-2101(3) VARIETIES OF ENGLISH (Le3)** The course examines how language encodes cultural dialects from different regions and time periods within various social and cultural contexts. Selected British, American, and Canadian dialects are studied from specific historical and contemporary periods. Social factors such as age, gender, ethnicity, class, socio-economic, educational, political, and religious factors are considered from a sociolinguistic perspective.

**CROSS-LISTED:** ENG-2804(3)

**LING-2301(3) PHONETICS (Le3)** This course presents the theory and practice of the main aspects of French phonetics and phonology, its practical applications (e.g. the use of pronunciation dictionaries), and material realizations in standard French. Theory will cover the physiology of speech, the International Phonetic Alphabet, as it relates to French, and phonetic transcription. Orthoepy (the relationship between pronunciation and orthography) will be stressed. Practice will emphasize correcting the student's oral performance in French.

**Restrictions:** Students who obtained credit in the former FREN-2201(3) are not permitted to take this course.

**PREREQUISITES:** FREN-2109(3).

**CROSS-LISTED:** ANTH-2022(3)

**LING- 2401 GERMAN PHONETICS (Le3)** This course presents the theory and practice of German phonetics and phonology, its practical applications (e.g. the use of pronunciation dictionaries), and its material realizations in standard German. The theory covered includes the physiology of speech, the International Phonetic Alphabet as

it relates to German, and phonetic transcription. Emphasis is placed on orthoepy (the relationship between pronunciation and orthography) and on correcting the student's oral performance in German.

**PREREQUISITES:** GERM-2109(3)

**CROSS-LISTED:** GERM-2202(3)

**LING-3001(6)/(3) TEXTUAL ANALYSIS (Le3)** This course examines the principles and methods of textual analysis as a language-centred approach to literary and non-literary discourse. Various texts are analyzed using six descriptive linguistic tools, namely sounding (phonology), seeing (graphology), wording (lexis), arranging (syntax), meaning (semology and semantics), and connecting (cohesion). Textual analysis considers the effect of writers' choices to create different reader responses to literary elements such as developing characters, building suspense, creating humour, and achieving particular rhetorical purposes.

**RESTRICTIONS:** Students may not get credit for this and ENG-3800(3).

**CROSS-LISTED:** ENG-3800(6) Stylistics

**LING-3002(3) DISCOURSE ANALYSIS (Le3)** In this course students are introduced to phasal analysis, as well as several other advanced forms of analyses that discourse analysts use in their explanation of spoken discourse. In addition, students read articles throughout the term written by many of the internationally renowned discourse analysts and relevant to the analyses they are learning.

**PREREQUISITES:** LING-3001(6) or Permission of Instructor.

**RESTRICTIONS:** Students may not get credit for this and ENG-3801(3).

**LING-3101(3) INSTITUTIONAL DISCOURSE (Le3)**

Students are introduced to issues involved in the research being done by linguists, text analysts, discourse analysts, and sociolinguists concerning various types of institutional discourse. They are required to carry out a research project on a register of their choice. Experimental investigations and contemporary research focus on medical, scientific, legal, business, financial, political, classroom, and media discourse.

**PREREQUISITES:** LING-2101(3).

**LING-3201(3) SPECIAL STUDIES (D)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way. The course proposal follows departmental guidelines and receives approval from the Programme Coordinator.

**PREREQUISITES:** LING-2101(3). Permission of the Instructor.

**LING-3301(3) FRENCH LEXICOLOGY (Le3)** This course focuses on the French lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g. acronyms, derivatives), to identify their basic components (e.g. prefixes, suffixes) and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.

**PREREQUISITES:** 6 credit hours in 2000-level French Studies language courses, or permission of instructor.

**CROSS-LISTED:** FREN-3203(3)

**LING- 3302(3) FRENCH MORPHOLOGY AND SYNTAX (Le3)**

In this course, students acquire fundamental linguistic concepts through the analysis of modern French. The distributional properties of French morphemes and their syntactic and semantic roles are discussed. The structures of syntagms and sentences are analysed and described. Practical exercises allow students to apply the concepts presented.

**RESTRICTIONS:** Students who have received credit for 20.3201(3) may not receive credit for this course

**PREREQUISITES:** 6 credit hours in 2000-level French Studies language courses, or permission of instructor.

**CROSS-LISTED:** FREN-3204(3)

**LING-3401(3) GERMAN LEXICOLOGY (Le3)** This course focuses on the German lexicon, its forms and formation. Students learn to distinguish different structural types of words (e.g. acronyms, derivatives), to identify their basic components (e.g. prefixes, suffixes) and to recognize the mechanisms involved in their formation. Through the study of synonyms and antonyms, students explore the semantic relationships between words. The hierarchical structure of the lexicon is examined. Course work emphasizes practical strategies for vocabulary enrichment and mastery.

**PREREQUISITES:** 12 credit hours in 2000 level German Studies, including GERM-2109(3), or permission of the instructor.

**CROSS-LISTED:** GERM-3403(3)

**LING-4001(3) HISTORY OF LINGUISTICS (S3)** In this course students explore the history of linguistics from Panini, Plato, and Aristotle before the common era, through the centuries until the nineteenth sixties. Theorists considered may include Thrax, Priscian, Sweet, Jespersen, Humboldt, Malinowski, Bloomfield, Sapir, and Saussure.

**PREREQUISITES:** LING-3001(3) and LING-2011(3) or Permission of Instructor.

**RESTRICTIONS:** Students may not get credit for this course and ENG 4801(3).

**LING-4002(3) CONTEMPORARY LINGUISTIC THEORY (S3)**

In this course students explore several contemporary linguistic theories such as Gregory and Malcolm's communication linguistics; Halliday's systemic functional linguistics; Pike's tagmemics; Lamb's stratificational linguistics; and Chomsky's transformational generative grammar as well as its development in government binding theory. In addition certain theories are introduced which explore the relationship between linguistics, society and culture. Examples include pragmatics, sociolinguistics, the ethnography of communication, and linguistic anthropology.

**PREREQUISITES:** LING-3001(3) and LING-2011(3) or Permission of Instructor.

**RESTRICTIONS:** Students may not get credit for this course and ENG-4800(3).

**LING-4003(3) TOPICS IN LINGUISTICS (S3)** This course offers upper level instruction in a variety of linguistically related topics. The specific focus of the course varies from year to year with instructor. It may, for instance, focus on the work of an important linguist, a particular linguistic theory, or advanced studies in areas of syntax, lexicography, phonology etc.

**PREREQUISITES:** LING-2001(3), LING-2002(3), LING-2003(3), LING-2004(3), LING-3001(6).

**LING-4004(3) HONOURS THESIS (D)** In this course students engage in a summative investigation of a topic of their choice. They choose texts to analyze, undertake the analysis and apply relevant research methods, and research library databases as appropriate. They write an academic research paper, submit an abstract to the Student's Linguistic Colloquium, and finally revise their paper for presentation. Through the process, students meet with a supervising professor to determine primary objectives, establish a schedule of work and assignments, and evaluate all of the steps in the process.

**PREREQUISITES:** LING-2101(3), LING-3001(6).

**LING-4101(3) TOPICS IN LANGUAGE, CULTURE AND COMMUNICATION (S)**

This course offers instruction in current issues related to the interrelationship between language, culture and communication. The specific focus of the course varies from year to year with instructor.

**PREREQUISITES:** LING-2101(3) and LING-3001(6), or permission of instructor.

**LING-4201(3) SPECIAL STUDIES I (D)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Program Coordinator.

**PREREQUISITES:** Permission of Instructor.

**LING-4202(6) SPECIAL STUDIES II (D)** Students interested in advanced study in a specific area should consult the professor with whom they propose to work. Special Studies courses are offered only in exceptional circumstances, and/or only when students can satisfy program requirements in no other way, and only where the course proposal follows departmental guidelines and receives approval from the Program Coordinator.

**PREREQUISITES:** Permission of Instructor.

**LING-4203(3) TUTORIAL APPRENTICESHIP (D)** This course provides opportunities for experiencing and exploring learning and teaching strategies in designated university linguistics and culture courses. Students may assist by 1) offering individual support and instruction for students facing challenges with course material, 2) leading groups of advanced or remedial students within the class when appropriate, and 3) designing class materials including exercises and answer keys. Students meet regularly with the supervising professor in order to discuss and evaluate teaching strategies and materials.

**PREREQUISITES:** Permission of Instructor.

**LING-4204(3) RESEARCH APPRENTICESHIP (D)** In this course students reflect on how research issues influence their study of linguistics and culture. Students meet with instructors who have similar research interests in one-to-one tutorials and seminars to discuss common research questions and practices. They may consider a range of issues, including various recording, transcribing and analyzing strategies for real data. They may also consider how the analysis of key periodicals, critical studies and professional associations define a particular research topic, and constrain how various research topics and explorations are communicated. The course supports the development of research skills for work in the field of Linguistics and Culture.

**PREREQUISITES:** Permission of Instructor.

**LING-4301(3) FRENCH LEXICOGRAPHY (Le3)** This course addresses the theoretical and practical issues of dictionary design, compilation, and use. Through a chronological survey of French dictionaries, the different types of modern French dictionaries are analysed and compared (e.g. monolingual vs. bilingual, printed dictionaries vs. CD-ROMS). The macro- and microstructure of dictionaries (e.g. nomenclature, definitions, examples) are examined in detail. Practical exercises include special problems presented by lexicography in the Canadian context.

**PREREQUISITES:** Any of the following courses: FREN-3111(6), FREN-3202(3), FREN-3203(3) or FREN-3204(3) and permission of the Department Chair.

**CROSS-LISTED:** FREN-4204(3)

**LING-4302(3) SYNTAX OF MODERN FRENCH (Le3)** This course provides an intensive study of modern French syntax. It includes an introduction to distributional categories; a functionalist investigation of word roles (e.g. caractérisation, complément interne) and verbal structures (e.g. diathèse); a detailed study of typical French forms (e.g. impersonal), functions (e.g. aspects) and tenses. It focuses on grammaticality and sentence analysis. Simple sentence types and complex subordinate clauses are examined, and

transformational rules as they apply to the French language. Examples are drawn from literary and non-literary sources. Course work combines sentence comprehension, syntactic description and regular exercises in sentence production.

**PREREQUISITES:** FREN-2109(3), a minimum of one 3-credit hour language course in French Studies at the 3000-level and permission of the Department Chair.

**CROSS-LISTED:** FREN-4112(3)



# MATHEMATICS (MATH)

**Note:** The department/program code MATH replaces the former codes 32. Students cannot hold credit in MATH-xxxx and the former 32.xxxx having the same course number (e.g., MATH-1101(6) and 32.1101(6)).

**Chair: Professor J. Currie;** Professors: O.R. Oellermann, T. Visentin; Associate Professors: V. Linek, A. Stokke, R. Stokke; Instructors: J. Babb, B. Bector.

## DEGREES/PROGRAMS OFFERED

3-Year BA  
3-Year BSc  
4-Year BA  
4-Year BSc  
BSc Honours

## INTRODUCTION

*Mathematics is the supreme intellectual achievement and the most original creation of the human spirit* - Morris Kline.

*Mathematics is the Queen and servant of the Sciences* - Karl Friedrich Gauss.

*Mathematics is just more and more complicated ways of saying 'Pigs is pigs'* - Bertrand Russell.

The scope of Mathematics ranges from Computer Science to Philosophy, from Physics to Finance. Mathematics emphasizes precision and logic, but also creativity and problem solving. Students heading for Law or Medicine are well-served by a first degree in Mathematics. Other graduates move into the financial sector or high technology. Some graduates choose to go on to advanced degrees, not only in Mathematics, but also in Statistics, Computer Science, Meteorology or Physics.

The department offers 3-Year and 4-Year BA and BSc degrees, and the Honours BSc. It features one of the highest levels of research activity in the University, and offers students a unique glimpse into the ongoing creation of Mathematics.

## REQUIREMENTS FOR A 3-YEAR BA/BSc IN MATHEMATICS

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Department Chair/Honours Advisor in planning their program. Students who have not obtained a grade of at least C in <b>MATH-1101(6)</b> Introduction to Calculus are advised not to proceed in a Mathematics major.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours.
Major:	Minimum 18 credit hours.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major	Minimum 36 credit hours/Maximum 54 credit hours.
Double Major	Minimum 36 credit hours in Mathematics and specified number of credit hours in the other department/program.
Required courses:	
<b>MATH-1101(6)</b>	Introduction to Calculus
<b>MATH-1401(3)</b>	Discrete Mathematics
<b>MATH-2101(6)</b>	Intermediate Calculus
<b>MATH-2201(6)</b>	Linear Algebra
	Minimum six (6) credit hours at the 3000 level.
Combined Major:	Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.
Prescribed courses:	To be determined in consultation with the Department.

Students intending to major in Mathematics are strongly advised to take MATH-1401(3) Discrete Mathematics in their first year. It is a prerequisite for most second and third year courses in Mathematics.

Students majoring in Mathematics are strongly advised to take both **MATH-2101(6)** Intermediate Calculus and **MATH-2201(6)** Linear Algebra in their second year, since several third year courses have these as prerequisites.

Students are encouraged to take more than 36 credit hours in Mathematics.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses.

## REQUIREMENTS FOR THE 4-YEAR BA/BSc IN MATHEMATICS

<b>ADMISSION REQUIREMENT</b>	36 credit hours previously completed towards a BA/BSc in Mathematics. Students must consult with the Department Chair/Honours Advisor in planning their program.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	Degree: 60 credit hours Major: 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Sciences (BA only):	12 credit hours
Writing:	3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single:	Minimum 48 credit hours/Maximum 72 credit hours.
Double Major:	Minimum 48 credit hours in each Major as specified by the department/program.
Cognate (BA only):	Minimum 18 credit hours/Maximum 36 credit hours. Consult the Department for acceptable cognate courses. Maximum Major and Cognate Courses: 84 credit hours combined.
Required courses:	
<b>MATH-1101(6)</b>	Introduction to Calculus
<b>MATH-1401(3)</b>	Discrete Mathematics
<b>MATH-2101(6)</b>	Intermediate Calculus
<b>MATH-2201(6)</b>	Linear Algebra
<b>MATH-3101(6)</b>	Advanced Calculus & Analysis
<b>MATH-3202(3)</b>	Group Theory
<b>MATH-4101(3)</b>	Complex Analysis
<b>MATH-4202(3)</b>	Rings and Fields

Students who have not obtained a grade of at least C in **MATH-1101(6)** Introduction to Calculus are advised not to proceed in a Mathematics major.

Students intending to major in Mathematics are strongly advised to take **MATH-1401(3)** Discrete Mathematics in their first year. It is a prerequisite for most second and third year courses in Mathematics.

Students majoring in Mathematics are strongly advised to take both **MATH-2101(6)** Intermediate Calculus and **MATH-2201(6)** Linear Algebra in their second year, since several third year courses have these as prerequisites.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses.

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.

Prescribed courses: To be determined in consultation with the Department.

## REQUIREMENTS FOR AN HONOURS BSc IN MATHEMATICS

<b>ADMISSION REQUIREMENT</b>	60 credit hours previously completed in a BA or BSc of which at least 21 credit hours are in Mathematics. Students must consult with the Department Chair/Honours Advisor in planning their program.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
Graduation GPA Requirement:	To graduate with a BSc Honours, students must have a minimum GPA of 3.0 in all Honours subject courses which will be calculated on all course attempts and a 2.75 GPA in all Non-Honours courses which will be calculated as for the general degree (i.e., F's are not included and, in the case of repeated courses, only the highest grade will be used).
<b>RESIDENCE REQUIREMENT</b>	Minimum 60 credit hours. Minimum 30 credit hours, including minimum 18 credit hours in upper level courses (3000/4000) of which a minimum of 9 credit hours are at the 4000 level.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### HONOURS SUBJECT REQUIREMENT

Single Honours: Minimum 66 credit hours/Maximum 72 credit hours in the Honours subject.  
Minimum 30 credit hours in upper-level courses (3000/4000) of which a minimum of 12 credit hours must be at the 4000 level not including MATH-4402(3) and not including course that are cross-listed with Statistics.

Required courses:

<b>MATH-1101(6)</b>	Introduction to Calculus
<b>MATH-1401(3)</b>	Discrete Mathematics
<b>MATH-2101(6)</b>	Intermediate Calculus
<b>MATH-2201(6)</b>	Linear Algebra
<b>MATH-3101(6)</b>	Advanced Calculus & Analysis
<b>MATH-3202(3)</b>	Group Theory
<b>MATH-4101(3)</b>	Complex Analysis
<b>MATH-4202(3)</b>	Rings and Fields

Students who have not obtained a grade of at least C in **MATH-1101(6)** Introduction to Calculus are advised not to proceed in a Mathematics major.

Students intending to major in Mathematics are strongly advised to take **MATH-1401(3)** Discrete Mathematics in their first year. It is a prerequisite for most second and third year courses in Mathematics.

Students majoring in Mathematics are strongly advised to take both **MATH-2101(6)** Intermediate Calculus and **MATH-2201(6)** Linear Algebra in their second year, since several third year courses have these as prerequisites.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses.

### GENERAL INFORMATION

#### Prerequisites

Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

#### Degree Credit for Introductory Courses

Students are reminded that a maximum of 6 credit hours at the 0000-level may be counted towards the degree. Credit towards the degree will not be granted for both **MATH-1201(3)** Linear Algebra I and **MATH-2201(6)** Linear Algebra or both **MATH-2203(3)** Linear Algebra II and **MATH-2201(6)** Linear Algebra. Credit towards the degree will not be granted for both **MATH-1102(3)** Basic Calculus (Terminal) and **MATH-1101(6)** Introduction to Calculus.

## COURSE LISTINGS

Courses are listed in numerical sequence: Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term, as certain courses may not be available in each term. Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

MATH-1101(6)	Introduction to Calculus	MATH-3403(3)	Mathematical Logic
MATH-1102(3)	Basic Calculus (Terminal)	MATH/STAT-3412(3)	Introduction to Operations Research
MATH-1201(3)	Linear Algebra I	MATH/STAT-3611(3)	Mathematical Statistics I
MATH-1401(3)	Discrete Mathematics	MATH/STAT-3612(3)	Mathematical Statistics II
MATH-2101(6)	Intermediate Calculus	MATH-3701(3)	Numerical Methods
MATH-2102(3)	Differential Equations I	MATH-3703(6)	Mathematical Modelling
MATH-2103(3)	Differential Equations II	MATH-4001(6)	Directed Readings in Mathematics
MATH-2201(6)	Linear Algebra	MATH-4003(3)	Topics in Mathematics
MATH-2202(3)	Applied Algebra	MATH-4004(3)	Directed Readings in Mathematics
MATH-2203(3)	Linear Algebra II	MATH-4101(3)	Complex Analysis
MATH/PHIL-2305(3)	Philosophy and Mathematics	MATH-4202(3)	Rings and Fields
MATH-2501(3)	Introduction to Number Theory	MATH-4401(3)	Advanced Graph Theory and Combinatorial Optimization
MATH-2701(3)	Linear Optimization	MATH-4402(3)	Networks and Their Applications
MATH-2801(6)	Fundamentals of Computing	MATH-4403(3)	Set Theory
MATH/PHIL-2901(3)	History of Calculus	MATH-4601(3)	Introduction to Topology and Analysis
MATH-2902(3)	Mathematics Prior to 1640	MATH-4602(3)	Real Analysis
MATH-2903(3)	Mathematics for Early/Middle Years Teachers	MATH-4603(3)	Topology
MATH-3101(6)	Advanced Calculus and Analysis	MATH-4604(3)	Introduction to Differential Geometry
MATH-3202(3)	Group Theory		
MATH-3401(3)	Graph Theory		
MATH-3402(3)	Combinatorics		

# COURSE DESCRIPTIONS

## **MATH-1101(6) INTRODUCTION TO CALCULUS (Le3,La2)**

This course covers calculus of a function of one variable. Topics covered include limits, continuity, differentiation and integration of elementary functions (algebraic, exponential, logarithmic, trigonometric, and inverse trigonometric), indeterminate forms and Hospital's Rule, and improper integrals. Applications covered include maximization and minimization problems, related rates, curve sketching, area, volume, and arc length.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or permission of the instructor or Department Chair.

**NOTE:** A grade of at least C in this course is required to take MATH-2101(6).

**RESTRICTIONS:** A student may not receive credit for both MATH-1101(6) and MATH-1102(3).

## **MATH-1102(3) BASIC CALCULUS (TERMINAL) (Le3,La2)**

This course covers a portion of the calculus of a function of one variable. Topics covered include: limits, continuity, differentiation and integration of elementary functions (algebraic, exponential, logarithmic). Applications covered include: maximizing and minimizing problems, curve sketching, and area.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**RESTRICTIONS:** A student may not receive credit for both MATH-1102(3) and MATH-1101(6).

**NOTE:** Students intending to take senior courses in Mathematics, Statistics, Physics, Chemistry, or similar scientific and technical areas should not take MATH-1102(3) (which is a terminal course). Such students should take MATH-1101(6).

**MATH-1201(3) LINEAR ALGEBRA I (Le3)** This is an introduction to fundamental results concerning vectors, matrices, systems of linear equations, and determinants, and an introduction to vector spaces.

**PREREQUISITE:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**RESTRICTIONS:** A student may not receive credit for both MATH-1201(3) and MATH-2201(6).

**Note:** This course is not intended for mathematics majors.

**MATH-1401(3) DISCRETE MATHEMATICS (Le3)** This course includes the study of permutations and combinations, the binomial theorem, basic set theory and logic, functions, relations, partial orders, and mathematical induction. This course is primarily intended for students planning to major in Mathematics.

**PREREQUISITE:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**MATH-2101(6) INTERMEDIATE CALCULUS (Le3)** This course covers limit theory, infinite series, and calculus of functions of several variables.

**PREREQUISITE:** A grade of at least C in MATH-1101(6).

**COREQUISITES:** MATH-1201(3) or MATH-2201(6).

**NOTE:** Mathematics majors are strongly advised to take MATH-2101(6) in their second year of studies.

**MATH-2102(3) DIFFERENTIAL EQUATIONS I (Le3)** This is an introduction to differential equations including the following topics: solution of first order equations, reduction techniques, and solution of nth order linear differential equations. Most applications considered will be from Physics.

**PREREQUISITE:** MATH-1101(6).

**COREQUISITES:** MATH-1201(3) or MATH-2201(6).

**MATH-2103(3) DIFFERENTIAL EQUATIONS II (Le3)** This course covers further concepts and methods of solving differential equations. The contents include: Laplace transform method, power and Frobenius series solutions, matrix methods for systems of linear differential equations, and an introduction to partial differential equations including the method of separation of variables.

**PREREQUISITE:** MATH-2102(3).

**COREQUISITES:** MATH-2101(6) plus one of MATH-2201(6) or MATH-2203(3) (formerly MATH-2221(3)).

**RESTRICTIONS:** A student may not receive credit for both MATH-2103(3) and the former MATH-2112(3).

**MATH-2201(6) LINEAR ALGEBRA (Le3)** This course introduces fundamental results on vectors, matrices, systems of linear equations and determinants. It also covers finite dimensional vector spaces; linear transformations and matrices; change of bases; eigenvalues and eigenvectors; diagonalization; inner products; and the Gram-Schmidt process.

**PREREQUISITE:** MATH-1101(6).

**RESTRICTIONS:** A student may not receive credit for both this course and MATH-1201(3) or MATH-2203(3) and the former MATH-2221(3).

**MATH-2202(3) APPLIED ALGEBRA (Le3)** This course will introduce students to modern applications of algebraic structures. It begins with a study of the fundamental properties of finite fields and their relationship with geometry. The course continues by studying such applications as error-correcting codes, cryptography, design of experiments and fast arithmetic.

**PREREQUISITES:** MATH-1201(3) and MATH-1401(3) or permission of instructor.

**RESTRICTIONS:** A student may not receive credit for both MATH-2202(3) and the former MATH-2301(3).

**MATH-2203(3) LINEAR ALGEBRA II (Le3)** This course covers finite dimensional vector spaces; linear transformations and matrices; change of bases; eigenvalues and eigenvectors; diagonalization; and inner products.

**PREREQUISITES:** MATH-1201(3) and MATH-1101(6).

**RESTRICTIONS:** A student may not receive credit for both this course and MATH-2201(6) and the former MATH-2221(3).

## **MATH-2305(3) PHILOSOPHY AND MATHEMATICS (Le3)**

Historically, philosophers have been intrigued by mathematics. Some philosophers, such as Pythagoras, Descartes and Frege, have made fundamental contributions to mathematics while mathematicians and physicists such as Heisenberg, Einstein and Hawking have noticed that contemporary aspects of their disciplines have raised ancient philosophical questions anew. Are mathematical proofs "certain"? Is mathematics independent of empirical experience? Can mathematics be reduced to logic? Does mathematics describe reality? This course examines such questions and the answers offered in the history of philosophy.

**CROSS-LISTED:** Philosophy PHIL-2305(3).

**NOTE:** This course may NOT be used to fulfil the Science Requirement.

## **MATH-2501(3) INTRODUCTION TO NUMBER THEORY (Le3)**

This course explores properties of integers, linear Diophantine equations, Fermat's Theorem, congruences, and quadratic residues.

**PREREQUISITES:** MATH-1401(3) and an additional 3 credit hour or 6 credit hour course in Mathematics.

**MATH-2701(3) LINEAR OPTIMIZATION (Le3)** Topics for this course will be selected from the Simplex algorithm, game theory, sensitivity analysis, duality theory, and efficient implementations of Simplex.

**PREREQUISITES:** MATH-2203(3) (formerly MATH-2221(3)), MATH-2201(6) or permission of instructor.

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-4702(3) or MATH-4702(6).

**MATH-2801(6) FUNDAMENTALS OF COMPUTING (Le3)** This course covers stored program computers (machine language, programming, flow charts), programming techniques (subroutines, floating point arithmetic, data handling), compilers and monitors (syntax and semantics, assembler), and numerical and non-numerical applications.

**COREQUISITES:** MATH-1101(6) or MATH-1102(3) and MATH-1201(3), or permission of instructor.

**MATH-2901(3) HISTORY OF CALCULUS (Le3)** This course gives an overview of the main ideas of Calculus, together with their historical development. It will investigate issues such as the definition of Calculus; how and when it developed; what problems inspired its creation; and how it changed the way mathematicians and others think about mathematical knowledge. Readings of original sources in English translation may range from Babylonian mathematical tablets, through Euclid and the Greeks, past Galileo, Leibniz and Newton, to Cauchy, Riemann and Robinson.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**CROSS-LISTED:** Philosophy PHIL-2901(3).

**NOTE:** This course can be used to fulfil either the Science Requirement or the Humanities Requirement.

**MATH-2902(3) MATHEMATICS PRIOR TO 1640 (Le3)** This course examines selected topics in mathematics and traces their development in the Old World prior to 1640. It focuses on the theory and methodologies of algebra, number theory, trigonometry, and combinatorics. As well, the course reviews geometry and number systems. Students are expected to solve problems and prove certain theorems.

**PREREQUISITES:** Consumer Mathematics 40S or Applied Mathematics 40S or Pre-Calculus Mathematics 40S.

**MATH-2903(3) MATHEMATICS FOR EARLY/MIDDLE YEARS TEACHERS (Le3, La2)** This course is for students planning to become elementary teachers who wish to gain a more thorough understanding of the mathematics underpinning many of the topics taught in the K-8 curriculum. Topics include discrete mathematics (logic, sets, proof techniques), number theory (numeration systems, Euclidean algorithm, prime factorization), Euclidean geometry (Euclid's axioms, congruence, Pythagorean Theorem) and combinatorics (counting and probability, Pascal's triangle).

**PREREQUISITES:** Consumer Mathematics 40S or Applied Mathematics 40S or Pre-Calculus Mathematics 40S.

**RESTRICTIONS:** This course may not be used towards the major requirement for a degree in Mathematics.

**MATH-3101(6) ADVANCED CALCULUS AND ANALYSIS (Le3)** This course studies construction of the reals, uniform convergence and sup-norms, Stone-Weierstrass theorem, theory of integration, Fourier analysis, line and surface integrals, Green's, Gauss' and Stoke's theorems.

**PREREQUISITE:** MATH-1401(3), MATH-2101(6) and MATH-2201(6) or MATH-2203(3) (or the former MATH-2221(3)).

**MATH-3202(3) GROUP THEORY (Le3)** This course studies symmetry groups of regular polygons and Platonic solids, permutations and permutation groups; abstract groups, Cosets, Homomorphisms, Subgroups, Normal subgroups and quotient groups; isomorphism theorems, Sylow theorems, classification of finitely generated Abelian groups; group actions and counting with Burnside's lemma.

**PREREQUISITES:** MATH-1401(3) and MATH-2201(6) or MATH-2203(3) or the former MATH-2221(3).

**RESTRICTIONS:** A student may not receive credit for this course and MATH-4201(6) and the former MATH-3201(6).

**MATH-3401(3) GRAPH THEORY (Le3)** This course includes the following topics: graph isomorphism, shortest path problem, Euler tours, trees, graph colourings and bipartite matchings.

**PREREQUISITES:** MATH-1401(3) or permission of instructor.

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-2011(3).

**MATH-3402(3) COMBINATORICS (Le3)** This course includes the following topics: generating functions and recurrence relations, the principle of inclusion and exclusion, symmetric groups, finite fields, and combinatorial designs.

**PREREQUISITES:** MATH-1401(3) plus one of MATH-1101(6) or MATH-1102(3).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-2022(3).

**MATH-3403(3) MATHEMATICAL LOGIC (Le3)** This course will introduce the student to mathematical logic. Course topics will include propositional calculus, first order logic, completeness, compactness, decidability, Gödel's Incompleteness theorem and models.

**PREREQUISITES:** MATH-1401(3) plus one of MATH-3401(3) (formerly MATH-2011(3)), MATH-3402(3) (formerly MATH-2022(3)), MATH-2203(3) (formerly MATH-2221(3)), MATH-2201(6), or MATH-2501(3).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3401(3).

**MATH-3412(3) INTRODUCTION TO OPERATIONS RESEARCH (Le3)** This course provides a practical introduction to the formulation and solution of some economics and industrial problems using Operations Research models. It emphasizes model-building and problem-solving using computer packages. Topics covered are chosen from linear programming, transportation, assignment and transshipment problems, network models, integer programming, nonlinear programming, decision making, inventory models, and queuing theory.

**PREREQUISITES:** MATH-1201(3), MATH-2201(6) or ECON-3201(3), or permission of instructor.

**CROSS-LISTED:** Statistics STAT-3412(3)

**MATH-3611(3) MATHEMATICAL STATISTICS I (Le3)** The course provides students with a firm foundation in probability theory, which is necessary for a complete understanding of any advanced statistics. Topics include counting, joint and conditional distributions, random variables, and special distributions.

**PREREQUISITES:** STAT-1201(6), or both STAT-1501(3) and STAT-1601(3), and MATH-2101(6).

**RESTRICTIONS:** A student may not receive credit for this course and the former STAT-2701(3) or the former STAT-3201(3).

**CROSS-LISTED:** Statistics STAT-3611(3).

**MATH-3612(3) MATHEMATICAL STATISTICS II (Le3)** In this course students study the continuous probability distributions and their general properties, distributions of functions of random variables, sampling distributions, including t and F, and an introduction to estimation and theory of hypotheses testing.

**PREREQUISITES:** MATH/STAT-3611(3) (formerly STAT-3201(3)) (or the former STAT-2701(3)).

**RESTRICTIONS:** A student may not receive credit for this course and the former STAT-3201(6) or STAT-3202(3).

**CROSS-LISTED:** Statistics STAT-3612(3).

**MATH-3701(3) NUMERICAL METHODS (Le3, LaV)** Methods for finding roots of functions, numerical differentiation and numerical integration, interpolation and polynomial approximation, solving systems of equations, and solving the initial value problem in

ordinary differential equations are studied in this course. Computer programming is used to implement the relevant numerical algorithms.

**PREREQUISITES:** MATH-2102(3) and MATH-2101(6) and either MATH-1201(3) or MATH-2201(6).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3701(6).

**MATH-3703(6) MATHEMATICAL MODELLING (Le3)** A variety of deterministic models will be studied using techniques from calculus, linear algebra, and differential equations. Models will be selected from the following areas: physical sciences, life sciences, social sciences, and management sciences.

**PREREQUISITES:** MATH-2101(6), MATH-2203(3) (formerly MATH-2221(3)), and MATH-2103(3) (formerly MATH-2112(3)).

**MATH-4001(6) DIRECTED READINGS IN MATHEMATICS (D)**

This is a reading course available only to students in their third or fourth year. A topic is arranged by mutual written agreement between the student and a Supervisor. The student is required to meet the Supervisor weekly.

**PREREQUISITES:** A minimum GPA of 3.0 in all mathematics courses, at least one 3000-level course and written permission of the instructor and the Department Chair.

**MATH-4003(3) TOPICS IN MATHEMATICS (Le3)** This course covers an area in mathematics as selected by the instructor. Possible topics may be in algebraic combinatorics, functional analysis, Galois theory, representation theory, or advanced topics in combinatorics, graph theory, measure theory, or topology. Students should consult the instructor or the Department Chair for the current topic. This course may be repeated for credit when the topic varies.

**PREREQUISITES:** Permission of the instructor or the Department Chair.

**MATH-4004(3) DIRECTED READINGS IN MATHEMATICS (D)**

This is a reading course available only to students in their third or fourth year. A topic is arranged by written agreement between the student and a Supervisor.

**ADDITIONAL REQUIREMENTS:** At least one 3000-level course in Mathematics. Written permission of the Instructor and Department Chair is required.

**MATH-4101(3) COMPLEX ANALYSIS (Le3)** This course studies construction of the complex numbers from the reals, Cauchy's theorems, Laurent Series, evaluating line integrals by means of residues, Cauchy-Riemann equations, conformal mapping, harmonic functions, Riemann sphere, Riemann surfaces, analytic continuation and monodromy theorem.

**PREREQUISITES:** MATH-3101(6) and MATH-2201(6) or MATH-2203(3) or the former MATH-2221(3) or permission of instructor.

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3102(3).

**MATH-4202(3) RINGS AND FIELDS (Le3)** This course is a study of field axioms, finite and infinite fields, integral domains, fraction fields, division rings, abstract rings, polynomial rings, PID's and UFD's, Galois Theory; solvability of cubic and quartic, unsolvability of the quintic and other classical mathematical problems.

**PREREQUISITES:** MATH-3202(3)

**RESTRICTIONS:** A student may not receive credit for this course and MATH-4201(6) and the former MATH-3201(6).

**MATH-4401(3) ADVANCED GRAPH THEORY AND COMBINATORIAL OPTIMIZATION (Le3)**

Topics covered in this course will be chosen from trees, connectivity, graph colourings, optimal matchings, packings and coverings, planar graphs, extremal graph theory, Ramsey theory, ordered sets.

**PREREQUISITE:** MATH-3401(3) (formerly MATH-2011(3)).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3013(3).

**MATH-4402(3) NETWORKS AND THEIR APPLICATIONS (Le3)**

This course will introduce the student to a variety of network problems with emphasis on algorithmic aspects of these topics. Topics covered will be chosen from algorithmic complexity, search techniques, trees, Steiner trees and distances in networks, PERT networks, network flows and their applications.

**PREREQUISITE:** MATH-3401(3) (formerly MATH-2011(3)).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3015(3).

**MATH-4403(3) SET THEORY (Le3)**

This course introduces concepts of set theory essential to modern mathematics. Topics include axioms for sets, infinite sets, cardinality, ordinal and cardinal numbers, and ordered sets.

**PREREQUISITES:** MATH-1401(3) plus one of MATH-3401(3) (formerly MATH-2011(3)), MATH-3402(3) (formerly MATH-2022(3)), MATH-2203(3) (formerly MATH-2221(3)), MATH-2201(6), or MATH-2501(3).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3402(3), the former MATH-3601(3), and the former MATH-2402(6).

**MATH-4601(3) INTRODUCTION TO TOPOLOGY AND ANALYSIS (Le3)**

In this course the basic concepts of topology are studied in the setting of metric spaces: open sets, convergence, continuity, connectedness, compactness, and completeness. The emphasis will be on Euclidean spaces, normed linear spaces, and function spaces, where the concepts of topology apply to mathematical analysis. Connections with and applications to analysis will be emphasized throughout, such as the monotone convergence theorem, the intermediate value property, the Heine-Borel property, Baire category, uniform boundedness, and the fixed-point property for complete metric spaces.

**PREREQUISITES:** MATH-3101(6).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3232(3) or MATH-3601(3).

**MATH-4602(3) REAL ANALYSIS (Le3)**

Topics covered in this course will include normed linear spaces, Banach spaces and  $L_p$  spaces, Lebesgue measure and integration. This course will also cover classical results such as the Stone-Weierstrass theorem and the Ascoli Theorem.

**COREQUISITE:** MATH-3101(6).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3602(3).

**MATH-4603(3) TOPOLOGY (Le3)**

This course is a study of topological spaces and their applications. Topics to be studied will include separation axioms, covering properties, product spaces, quotient spaces, filters, nets, convergence, compactness and connectedness.

**COREQUISITE:** MATH-3101(6)

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3602(3).

**MATH-4604(3) INTRODUCTION TO DIFFERENTIAL GEOMETRY (Le3)**

This course is a study of  $n$ -dimensional oriented surfaces in  $\mathbb{R}^{n+1}$ . Topics include tangent spaces, integral curves, geodesics, parallel transport, curvature, differential forms, and isometries.

**PREREQUISITES:** MATH-2101(6), MATH-2102(3), MATH-2103(3) (formerly MATH-2112(3)), MATH-4601(3) (formerly MATH-3232(3)), and one of MATH-2203(3) (formerly MATH-2221(3)) or MATH-2201(6).

**RESTRICTIONS:** A student may not receive credit for this course and the former MATH-3603(3).

# MENNONITE STUDIES (MENN)

**Note:** The department/program code MENN replaces the former code 33. Students cannot hold credit in MENN-xxxx and the former 33.xxxx having the same course number (e.g., MENN-1010(6) and 33.1010(6)).

**Chair:** Professor R. Loewen; Assistant Professor: H. Werner.

The establishment of the Chair in Mennonite Studies was made possible through the generous gifts of Dr. David Friesen, Q.C., his family, and the Federal Department of the Secretary of State.

## INTRODUCTION

The Chair in Mennonite Studies was established to give students an opportunity to study the rich heritage of the Mennonites and their contribution to society. Mennonite Studies is an Interdisciplinary Program, combining history, religion, culture, and literature as they relate to the Mennonites in the past and present. In the courses and seminars students seek to understand the once maligned and persecuted people, and consider the contributions they have made, and are making, to the development of the Christian religion, culture, literature, and art. The question of how the Mennonites seek to come to terms with the world around them is a major part of the Program's emphasis.

It is now possible to obtain a Bachelor's Degree with a major in Mennonite Studies by creating a Flexible Major in consultation with the Chair in Mennonite Studies. Course offerings are cross-listed with other Departments and counted towards the degree as electives, or can be counted towards the Major program of the cross-listed Department.

Students will find courses in Mennonite Studies a useful and informative addition to a liberal arts education. While the Program itself is not aimed at any particular vocational preparation, the background it provides will be especially relevant to students of Mennonite origin, and to students who intend to pursue work or further study in the area of multiculturalism and Mennonite-related fields. The courses also prepare students who intend to write MA and PhD theses dealing with Anabaptist-Mennonite subjects. Students increasingly choose some area of Mennonite Studies to pursue further scholarly work in such disciplines as Conflict Resolution Studies, History, Religious Studies, Sociology and Women's Studies.

## COURSE LISTINGS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

MENN/HIST-1010(6)	Mennonites and the Modern World	MENN/HIST-3111(3)	Conflict and Mennonites
MENN-2009(3)	Mennonites in Global Context	MENN/HIST-3114(3)	Latin America and the Mennonites
MENN-2101(3)	Mennonite Studies I	MENN/HIST-3116(3)	Mennonites and World Issues
HIST-2108(3)		MENN/IDS-3150(3)	Mennonite Community and Development
MENN-2102(3)	Mennonite Studies II	MENN-3201(3)	Mennonite Authors
HIST-2109(3)		MENN-3202(3)	The Mennonite Image in World Literature
MENN/HIST-2131(3)	History of Peace and Nonviolence	MENN/HIST-3541(3)	Mennonites in Canada
MENN-3000(6)	Special Topics in Mennonite Studies Luther,	MENN/HIST-4535(6)	Immigration and Ethnicity in Canada and the United States
MENN-3102(3)/	Zwingli and Radical Reformers		
HIST-3216(3)			
MENN/HIST-3108(3)	Gender and Mennonites		
MENN/HIST-3110(3)	Russia and the Mennonites		

## COURSE DESCRIPTIONS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

### **MENN-1010(6) MENNONITES AND THE MODERN WORLD (Le3)**

This course is a history of the ethnic identity and religious faith of the Mennonites from the sixteenth century to the present. Students will interpret the writings of the Mennonites, including their letters, memoirs, and diaries. These sources will show how Mennonites related to such modern phenomena as Protestantism, nationalism, capitalism, feminism, and global culture. The course will trace the Mennonites as they migrated from Europe to North America and as they established themselves in Asia, South America, and Africa.

**CROSS-LISTED:** History HIST-1010(6).

**MENN-2009(3) MENNONITES IN GLOBAL CONTEXT (Le3)** This course examines present-day Mennonites around the world. The diversification of Mennonite faith and practice by factors such as emigration, missionary activity, and social assimilation will be discussed. Special attention is given to the implications of this diversity for the development of Mennonite identity and mission.

**MENN-2101(3) MENNONITE STUDIES I (Le3)** This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention will be given to the interaction of religion and culture in the history of European Mennonites.

**CROSS-LISTED:** History HIST-2108(3), and accepted for credit by Religious Studies.

**MENN-2102(3) MENNONITE STUDIES II (Le3)** This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course will include a study of the origins and distinctive characteristics of particular Mennonite groups and conclude with a brief survey of Mennonites around the world.

**CROSS-LISTED:** History HIST-2109(3), and accepted for credit by Religious Studies.

**MENN-2131(3) HISTORY OF PEACE AND NONVIOLENCE (Le3)**

This course examines the history of pacifism, peace movements, and nonviolent solutions offered during specific times of conflicts. The scope of this course is global. Thus, the course contrasts Christian traditions of nonviolence with those of Hindu and Buddhist traditions. The major focus on the course is on the religious and secular visions of preserving peace in North America. For case studies, the course examines Mennonite communities that historically have embraced pacifism as a fundamental principle of social organization.

**CROSS-LISTED:** History HIST-2131(3).

**MENN-2322(3) ORIGINS AND CHARACTER OF ANABAPTISM (Le3)**

This course will introduce students to the beginnings of Anabaptism in sixteenth-century Europe in the context of the Reformation and Renaissance movements. It will explore the distinctive vision and understanding of the Christian way which characterized the early Anabaptists and seek to relate this to the development of Christian identity and mission in the contemporary world.

**MENN-3000(6) SPECIAL TOPICS IN MENNONITE STUDIES (NT)**

This tutorial is designed to enable students to follow an aspect of Mennonite Studies in depth. The topic should be selected in consultation with the Professor. Offered on an individual basis to advanced students at the discretion of the Chair in Mennonite Studies.

**MENN-3102(3) LUTHER, ZWINGLI AND RADICAL REFORMERS (Le3)**

This course deals with the relationship between the objectives and methods of the "mainline" reformers of the sixteenth century (mainly Luther and Zwingli) and those of the "radical" reformers (such as Thomas Müntzer, Andrew Carlstadt, and the Anabaptists), and assesses the historical results of this relationship.

**CROSS-LISTED:** History HIST-3216(3).

**MENN-3108(3) GENDER AND MENNONITES (Le3)**

This course will examine the role of women and of men in the evolving Mennonite society. It will trace these gender roles amongst the Radical Anabaptists of Western Europe, the agrarian Mennonite communities in Russia and North America, and the modern, urban centres in North America. The course will examine patriarchal structures of Mennonite households, churches, and communities, but also focus on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity will receive special attention. Gender will also be traced through the Mennonite life-cycle, commencing at childhood and tracked through times of youth, marriage, mid-age and retirement. The course will examine how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.

**CROSS-LISTED:** History HIST-3108(3).

**MENN-3110(3) RUSSIA AND THE MENNONITES (Le,S3)**

This lecture/seminar course deals with the history of the Mennonites in Imperial Russia and the Soviet Union from 1789 to 1989. Cultural, economic, and religious developments of the so-called 'Mennonite Commonwealth' in the nineteenth century and of the far-flung Mennonite communities in the Soviet Union during the twentieth century are emphasized and analyzed.

**RESTRICTIONS:** May not be taken by students with credit in the former MENN-3203.

**CROSS-LISTED:** History HIST-3110(3).

**MENN-3111(3) CONFLICT AND MENNONITES (Le3)** This course deals with the Anabaptist and Mennonite understanding and experience of pacifism throughout the centuries, with special emphasis on their dealings with nation-states, church schism, ethnic relations, and domestic abuse. **RESTRICTIONS:** Students may not hold credit for both this course and the former MENN-2103(3).

**CROSS-LISTED:** History HIST-3111(3).

**MENN-3114(3) LATIN AMERICA AND THE MENNONITES (Le,S3)**

This lecture/seminar course is a study of the founding and development of Mennonite communities in Central and South America. The focus is on problems European and Canadian Mennonites faced (and still face) in their attempt to establish an existence and identity in a predominantly Latin world. The course contrasts these conservative Mennonites to the more radical communities composed of indigenous Latin American Mennonites. In particular, it compares the manner in which the two groups of Mennonites have responded to the social and economic issues of Latin America.

**RESTRICTIONS:** May not be taken by students with credit in the former MENN-3101.

**CROSS-LISTED:** History HIST-3114(3).

**MENN-3116(3) MENNONITES AND WORLD ISSUES (Le,S3)**

This lecture/seminar course studies Mennonite responses to the wider world, and examines changes that have taken place among Mennonites with regard to world issues over the course of history. These issues include: urbanization, environmentalism, poverty, mass culture, the communications revolution, the global economy and family life. An emphasis is placed on the Twentieth Century World.

**RESTRICTIONS:** Students with standing in MENN-3301(3) or HIST-3301(3) may not receive credit for MENN-3116(3) or HIST-3116(3).

**CROSS-LISTED:** History HIST-3116(3).

**MENN-3150(3) MENNONITE COMMUNITY AND DEVELOPMENT (S3)**

This course analyzes the experiences of the Mennonite community in service and peace work. It highlights the values, approach, and methods particular to Mennonite humanitarian work. The Mennonite tradition of holistic development emphasizes individual transformation (providing the tools for indigenous development) and social transformation (involving all peoples in creating local, national, and global systems that are just). The work of Mennonite organizations such as the Mennonite Central Committee and the Mennonite Economic Development Agency, of ecumenical organizations such as the Canadian Foodgrain Bank and InterChurch Action, and of inter-organizational groups such as SEED Winnipeg will provide examples for student reflection and analysis.

**PREREQUISITES:** IDS-1100(6) or the permission of instructor.

**CROSS-LISTED:** International Development Studies IDS-3150(3).

**MENN-3201(3) MENNONITE AUTHORS (Le3)**

This course introduces the student to the works of Mennonite authors who either write in English or whose writings are available in English translation. Works of the following authors, among others, will be studied: Hans Harder, Arnold Dyck, Fritz Senn, Rudy Wiebe, and contemporary Mennonite poets.

**MENN-3202(3) THE MENNONITE IMAGE IN WORLD LITERATURE (Le3)**

This course deals with selected German and non-German authors who have treated the Mennonites as a major theme in their fiction. The following authors, among others, will be studied: H.J.C. von Grimmelshausen, Gottfried Keller, Theodor Fontane, Cæsar von Arx, Friedrich Dürrenmatt, and Sandra Birdsell.

**MENN-3452(3) ANABAPTISM AND EVANGELICALISM (Le3)**

This course will seek to understand both Evangelicalism and Anabaptism in light of recent historiography. Considerable attention will be given to the development of fundamentalism and evangelicalism in the past century in order to provide a basis for understanding the distinctive and common elements of the two traditions.

**MENN-3541(3) MENNONITES IN CANADA (Le3)**

This course will survey major developments in Canadian Mennonite communities from 1786 to the present. It will trace the following themes: the Swiss American and Russian roots of Canadian Mennonites; community formation in Ontario and Western Canada; Anabaptism in everyday life (especially the way it was played out in the family); theological developments in the late nineteenth and early twentieth



centuries; the survival of Mennonite faith distinctives in the urban and socially-integrated Canadian society since World War II. Special emphasis will be placed on establishing the unique features of Canadian Mennonite experience.

**CROSS-LISTED:** History HIST-3541(3).

**MENN-4535(6) IMMIGRATION AND ETHNICITY IN CANADA AND THE UNITED STATES (S3)** This research seminar examines the history of immigration to North America between 1860 and 1960. The course focuses on the nature of migration patterns and the adaptation of immigrants to the new world, especially the rise of ethnic identities. The course discusses the similarities and differences in the Canadian and American immigrant experience.

**CROSS-LISTED:** History HIST-4535(6).

# MODERN LANGUAGES AND LITERATURES FRENCH STUDIES (FREN), GERMAN STUDIES (GERM), ITALIAN STUDIES (ITAL), SPANISH STUDIES (SPAN)

**Note:** The department/program codes FREN, GERM, ITAL and SPAN replace the former codes 20, 26, 21, and 22 respectively. Students cannot hold credit in FREN-xxxx and the former 20.xxxx, GERM-xxxx and the former 26.xxxx, ITAL-xxxx and the former 21.xxxx, and SPAN-xxxx and the former 22.xxxx having the same course number (e.g., FREN-1001(6) and 20.1001(6)).

**Chair:** Associate Professor G. Moulaison; Professors: E. Dawes (Associate Dean of Arts), K. Meadwell, J. Nnadi, L. Rodriguez, S. A. Viselli; Associate Professor: L. Dietrick; Assistant Professor: J. Machín-Lucas; Instructor III: A. Rusnak; Instructor II: M. Ruiz.

## DEGREES/PROGRAMS OFFERED

3-Year BA  
4-Year BA  
Honours BA

## INTRODUCTION

The Department of Modern Languages and Literatures offers a variety of courses and programming, including the 3-year BA (in French, in German, and in Spanish), the 4-year BA (in French and in German), and the Honours BA (in French).

Students can begin study of any of our languages without previous knowledge. Departmental advisors are available to assist students in the selection of their courses. Departmental advising is strongly encouraged for all students registering for the first time in one of our courses. Students can study language, linguistics and literature in a variety of courses at different levels.

In addition to registering in our on-campus programs, students in French Studies and German Studies can benefit from study-abroad programs at the Université de Perpignan and the Université de Bordeaux 3 in France, and at the Universität Bamberg in Germany.

For specific information about courses and programs in French Studies, German Studies, Italian Studies and Spanish Studies, please consult the appropriate calendar sections.

# MULTIDISCIPLINARY (MULT)

**Note: The department/program code MULT replaces the former code 01. Students cannot hold credit in MULT-xxxx and the former 01.xxxx having the same course number (e.g., MULT-1005(6) and 01.1005(6)).**

## INTRODUCTION

The University offers a variety of courses under the department designation "Multidisciplinary." These courses may or may not be proposed by individual departments or programs, but they typically are associated with existing departments or programs. This category of courses may also be used to designate transfer credits from faculties or programs at other institutions with no counterpart among University of Winnipeg departments or programs. There is currently one permanent multidisciplinary course in the university curriculum.

## COURSE LISTINGS

MULT-1005(6)      Concepts in Science

## COURSE DESCRIPTIONS

**MULT-1005(6) CONCEPTS IN SCIENCE (Le6)** This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component. The course fulfills the Science requirement.

**CROSS-LISTED:** Biology BIOL-1005(6) and Physics PHYS-1005(6).

# PHILOSOPHY (PHIL)

**Note: The department/program code PHIL replaces the former code 35. Students cannot hold credit in PHIL-xxxx and the former 35.xxxx having the same course number (e.g., PHIL-1001(6) and 35.1001(6)).**

**Chair: B. Savickey;** Associate Professors: J. Forsey, J.R. Muir, S. Tomsons.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**4-Year BA**

**Honours BA**

## INTRODUCTION

The Department of Philosophy at the University of Winnipeg has a long and successful commitment to an historical approach to philosophical education, which is distinctive among Manitoba's universities. Reading texts by many authors from every period in history, and from many parts of the world, allows students to understand both a diversity of answers to philosophical questions, and the historical origins of our contemporary self-understanding.

The Department offers 3-Year, 4-Year, and Honours BA programs. Philosophy courses provide an excellent theoretical adjunct to majors in other departments. Acquiring the skills and insights of Philosophy is of practical importance for most careers and fields of knowledge. Philosophy is a complement to more specialized fields of education, law, government, research planning, policy-making, administration, and counselling. The Philosophy degree also leads naturally to graduate studies.

## REQUIREMENTS FOR A 3-YEAR BA IN PHILOSOPHY

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Philosophy and specified number of credit hours in the other department/program.
Required courses:	
6 credit hours of an introductory course	
3 credit hours of each of the following historical periods: Classical, Medieval, Early Modern (17 <sup>th</sup> or 18 <sup>th</sup> Century), 19 <sup>th</sup> Century, 20 <sup>th</sup> Century	
3 credit hours of one of the following: Aesthetics, Moral Philosophy	
6 credit hours of electives	
Suggested Program of Study:	
Students are advised to take a minimum of 6 credit hours at the 3000 or 4000 level to provide advanced seminar experience; students who think they may wish to pursue an Honours degree at a later date will find the transition smoother if they have previously completed a 4000-level course. Students are required to consult with the department advisor to apply for a 4000-level course.	
Combined Major:	Minimum 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.
Prescribed courses:	<b>PHIL-1001(6)</b> Introduction to Philosophy OR <b>PHIL-1002(6)</b> Values and the Human Condition, OR <b>PHIL-1301(6)</b> Introduction to Logical Reasoning Other required courses depend on the second major area and will be determined in consultation with the Department.

**NOTE: Only 6 credit hours at the 1000 level may be taken for degree credit.**

## REQUIREMENTS FOR A 4-YEAR BA IN PHILOSOPHY

<b>ADMISSION REQUIREMENT</b>	Students must consult with the department advisor in planning their studies. Minimum 30 credit hours completed previously.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	Minimum 48 credit hours in each Major subject as specified by the department/program.
Cognates:	Minimum of 18 credit hours/Maximum of 36 credit hours ancillary courses. Maximum total of cognate and major courses is 84 credit hours combined.
Required courses:	
6 credit hours of an introductory course	
3 credit hours of each of the following historical periods: Classical, Medieval, Early Modern (17 <sup>th</sup> or 18 <sup>th</sup> Century), 19 <sup>th</sup> Century, 20 <sup>th</sup> Century	
3 credit hours of Moral Philosophy	
3 credit hours of Aesthetics	
6 credit hours of Logic	
6 credit hours of Metaphysics and/or Epistemology	
9 credit hours of electives	
Ancillary Courses:	
Minimum 30 credit hours ancillary courses including the following:	
12 credit hours in Philosophy	
18 credit hours from other Departments.	
Students are advised to take a Minimum of 12 credit hours at the 3000 or 4000 level to gain seminar experience.	
Students are required to consult with the department advisor in planning their curriculum.	
Combined Major:	Minimum 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	<b>PHIL-1001(6)</b> Introduction to Philosophy OR <b>PHIL-1002(6)</b> Values and the Human Condition, OR <b>PHIL-1301(6)</b> Introduction to Logical Reasoning Other required courses depend on the second major area and will be determined in consultation with the Department.
<b>NOTE: Only 6 credit hours at the 1000 level may be taken for degree credit.</b>	

## REQUIREMENTS FOR AN HONOURS BA IN PHILOSOPHY

<b>ADMISSION REQUIREMENT</b>	
Entry into the program after completing a minimum of 30 credit hours.	
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.	
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.	
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).	
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at 4000 level.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject.  
Minimum 30 credit hours in Honours Subject courses at the upper level (3000 and 4000), with a minimum 21 credit hours at the 4000 level.

Double Honours: Minimum 36 credit hours in each Honours subject.  
Minimum 30 credit hours in Honours courses in the Philosophy component of the double Honours at the upper level (3000 and 4000).  
Minimum 21 credit hours at the 4000 level. For the requirements of the other Honours subject consult the department involved.

#### Required courses:

##### Single Honours:

- 6 credit hours of an introductory course
- 3 credit hours of each of the following historical periods: Classical, Medieval, Early Modern (17<sup>th</sup> and 18<sup>th</sup> Century), 19<sup>th</sup> Century, 20<sup>th</sup> Century
- 3 credit hours of Moral Philosophy
- 3 credit hours of Aesthetics
- 6 credit hours of Logic
- 6 credit hours of Metaphysics and/or Epistemology
- 6 credit hours Honours Thesis
- 9 credit hours of electives

##### Double Honours:

The pattern of study should approximate Single Honours distribution.

**Students are also required to take PHIL-4800(6), Honours Thesis.**

Single Honours: 12 credit hours from Group A History, 6 credit hours of which must be taken from the following courses: PHIL-2002(3), PHIL-2003(3), PHIL-2004(3), PHIL-2005(3), PHIL-2010(3).

Recommended Courses: Students intending to proceed to graduate studies are advised to take **PHIL-2302(6)** Logic.

Suggested Pattern of Study: **PHIL-2302(6)** Logic OR **PHIL-1301(6)** Introduction to Logical Reasoning, (no more than 6 credit hours at the 1000 level may be elected), 12 credit hours from Group A History, 6 credit hours from Group B Value Problems, 6 credit hours from Group C Knowledge Problems, minimum 24 additional credit hours in Philosophy.

Double Honours: 12 credit hours from Group A History, 6 credit hours of which must be taken from the following courses: PHIL-2002(3), PHIL-2003(3), PHIL-2004(3), PHIL-2005(3), PHIL-2010(3). The pattern of study should approximate Single Honours distribution. Students must also take **PHIL-4800(6)**, Honours Thesis.

Directed Individual Study: Acceptance to **PHIL-4700(3)** Directed Individual Study requires permission of the departmental advisor based on a demonstrated ability to do independent work. A preliminary plan for study must be submitted in writing to the faculty advisor and the departmental advisor by the end of the first week of term. Students should consult their advisor well in advance of that deadline.

Students may enter the Honours program after Year 1 of their studies.

Students are advised that 3000- and 4000-level courses are offered in rotation and certain courses may not be offered in each session.

Students are required to consult the Department Honours Advisor in planning their curriculum.

## GENERAL INFORMATION

### Prerequisites

3000- and 4000-level courses normally require completion of a previous Philosophy course at a lower level. Courses at the 2000 level do not generally require a prerequisite.

### First Philosophy Course Selection

Students in Year 2 of their studies are advised to begin their studies in Philosophy with one of the Introductory courses.

**Only 1 (one) 1000-level course may be elected for degree credit.**

Students in Year 2 or more of their studies taking their first Philosophy course may begin with a 2000-level course.

### Humanities Requirement

**PHIL-2302(6)** Logic does **not** fulfil the Humanities Requirement.

Credit for Logic courses received by transfer from other institutions does **not** fulfil the Humanities requirement.

### Cross-Listed Courses

Students who wish to take more than one of the following cross-listed courses for credit towards the Major must obtain approval from the Department Chair.

<b>PHIL/CLAS-2011(6)</b>	Genesis of Western Humanism
<b>PHIL/MATH-2901(3)</b>	History of Calculus
<b>PHIL/POL-2200(6)</b>	Social and Political Philosophy
<b>PHIL/MATH-2305(3)</b>	Philosophy and Mathematics

**Advanced Level Courses:** 3000-level courses are open to all students who have completed a minimum of 12 credit hours in Philosophy.

**Honours Level Courses:** Honours courses are open to students who have completed a minimum of 15 credit hours in Philosophy, 9 of which must be at a 2000-level or higher, who have maintained a B or better in Philosophy, and who have written permission of the Honours Advisor.

## COURSE LISTINGS

The Philosophy Department has organized its courses according to historical periods and the five branches of philosophy (metaphysics, epistemology, logic, moral philosophy and aesthetics). These divisions correspond to the degree requirements outlined above, and are provided to help students plan a balanced program of study.

### Introductory Courses

PHIL 1001(6)	Introduction to Philosophy
PHIL 1002(6)	Values and the Human Condition
PHIL 1301(6)	Introduction to Logical Reasoning

### Classical

PHIL 2002(3)	History of Philosophy: Classical
PHIL 3504(3)	Plato and Before
PHIL 3505(3)	Aristotle and After

### Medieval

PHIL 2012(3)	History of Philosophy: Medieval Latin
PHIL 3502(3)	History of Philosophy: Medieval Arabic and Hebraic

### Early Modern

PHIL 2003(3)	History of Philosophy: Early Modern
PHIL 3507(3)	17 <sup>th</sup> Century Philosophy
PHIL 3508(3)	18 <sup>th</sup> Century Philosophy

### Nineteenth Century

PHIL 2004(3)	History of Philosophy: 19 <sup>th</sup> Century
PHIL-2005(3)	History of Philosophy: Recent Anglo-American
PHIL 2010(3)	History of Philosophy: Existentialism
PHIL 3509(3)	19 <sup>th</sup> Century Philosophy

### Twentieth Century Philosophy

PHIL 2005(3)	History of Philosophy: Recent Anglo-American
PHIL 2010(3)	History of Philosophy: Existentialism
PHIL 3510(3)	Anglo-American Philosophy
PHIL 3511(3)	Postmodern Philosophy

### Logic

PHIL 2302(6)	Logic
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### Moral Philosophy

PHIL 2201(6)	Moral Philosophy
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### Aesthetics

PHIL 2219(3)	Philosophy of Art
PHIL 2220(3)	Philosophy of Literature

### Metaphysics/Epistemology

PHIL 2211(3)	Philosophy of History
PHIL 2234(3)	Philosophy of Nature
PHIL 2251(3)	Philosophy of the Natural Sciences
PHIL 2252(3)	Philosophy of the Social Sciences
PHIL 2264(3)	Philosophy of Mind
PHIL 3304(3)	Philosophy of Language
PHIL 3100(3)	Epistemology
PHIL 3101(3)	Metaphysics
PHIL-3512(3)	Philosophy of Mind

### Electives

PHIL-CLAS 2011(6)	The Genesis of Western Humanism
PHIL-POL 2200(6)	Social and Political Philosophy
PHIL 2202(3)	Ethics in Medicine and Law
PHIL 2207(3)	Philosophy of Law
PHIL 2208(3)	War and Peace
PHIL 2232(3)	Philosophy of Religion
PHIL 2233(3)	Environmental Ethics
PHIL 2264(6)	Philosophy of Mind
PHIL 2281(6)	Philosophy of Education
PHIL 2291(3)	History of Education Ideas
PHIL-MATH 2305(3)	Philosophy and Mathematics
PHIL-MATH 2901(3)	History of Calculus
PHIL 3215(6)	Philosophy and Social Reality
PHIL 3301(6)	Argumentation
PHIL 3304(3)	Philosophy of Language
PHIL 3500(3)	Philosophical Perspectives
PHIL 3501(3)	Philosophical Perspectives

### Honours Seminars

PHIL 4117(3)	Topics in Continental Philosophy
PHIL 4204(3)	Topics in Moral Philosophy
PHIL 4266(3)	Topics in Epistemology
PHIL 4267(3)	Topics in Metaphysics
PHIL 4277(3)	Topics in Analytic Philosophy
PHIL 4501(3)	Topics in Aesthetics
PHIL 4502(3)	Special Topics Honours Seminar
PHIL 4503(3)	Topics in the History of Philosophy
PHIL 4504(3)	Topics in Social and Political Philosophy
PHIL 4700(3)	Directed Individual Study
PHIL 4800(6)	Honours Thesis

Courses listed in more than one group may only be counted once for degree requirements. All 4000-level courses in the Philosophy department are seminar courses. 4000-level courses may be repeated when topics vary.

## COURSE DESCRIPTIONS

**Note:** Only one of PHIL-1001(6), PHIL-1002(6), and PHIL-1301(6) may be taken for degree credit.

### **PHIL-1001(6) INTRODUCTION TO PHILOSOPHY (Le3)**

This course is an introduction to some basic philosophical problems and to methods appropriate for discussing them. Central issues in ethics, religion, logic, knowledge, science, and metaphysics will be examined. Typical questions are the following: Are humans selfish by nature? Is there a rational way of justifying moral judgements and standards? What is the meaning of life? What are the principles of correct reasoning? Is knowledge the same thing as perception? Is there a difference between the way the world appears to us and the way the world really is? What are space and time? Is free will compatible with determinism?

### **PHIL-1002(6) VALUES AND THE HUMAN CONDITION (Le3)**

This course introduces the student to philosophical reasoning through an examination of the ways in which we understand human life and of the values which animate ways of living. Possible topics include conceptions of what it is to be a human being, proposals for achieving the good life, the problem of freedom, the aims of education, creativity, death, the existence of God, and the meaning of life.

### **PHIL-1301(6) INTRODUCTION TO LOGICAL REASONING (Le3)**

This course will cover the principle of rational thinking and the application of logical methods to the analysis of arguments. The stress will be on the practical goal of using logical evaluation as an aid to clear thinking. Arguments for analysis will come from everyday life, academic disciplines, and the philosophical tradition.

**RESTRICTIONS:** Students may NOT receive credit for both this course and PHIL-2301(3).

### **GENERAL INTEREST COURSES**

Open to all students beyond the first year and without prerequisites unless indicated.

### **PHIL-2002(3) HISTORY OF PHILOSOPHY: CLASSICAL (Le3)**

This course is the study of a limited but representative selection of classical philosophers, especially Plato and Aristotle. The readings will focus on a variety of philosophical problems. The contributions of the different thinkers will be critically evaluated and the influence of earlier thinkers on subsequent philosophical thought will be explored.

### **PHIL-2003(3) HISTORY OF PHILOSOPHY: EARLY MODERN (Le3)**

This course is the study of a limited but representative selection of modern philosophers from the time of Descartes to the time of Kant. The readings will focus on a variety of philosophical problems. The contributions of the different thinkers will be critically evaluated and the influence of earlier thinkers on subsequent philosophical thought will be explored.

### **PHIL-2004(3) HISTORY OF PHILOSOPHY: 19th CENTURY CONTINENTAL (Le3)**

This course offers a representative selection of Continental philosophers and themes from the 19th century. The philosophers may include such figures as Hegel, Schopenhauer, Comte, Marx, Kierkegaard, Nietzsche, and Bergson. Possible themes are the idea of historical development, the competing claims of the sciences and the humanities, the attack on reason and objectivity, the assertion of the primacy of the will, and the analysis of the human condition.

### **PHIL-2005(3) HISTORY OF PHILOSOPHY: RECENT ANGLO-AMERICAN (Le3)**

This course examines a limited but representative selection of English-speaking philosophers and themes from the 19th and 20th centuries. The philosophers may include Mill, Bradley, James, Dewey, Royce, Collingwood, and Russell. Possible themes are theories of meaning and truth, the relation between perception and reality, the controversy between science and religion, and values in a social context.

### **PHIL-2010(3) HISTORY OF PHILOSOPHY: EXISTENTIALISM (Le3)**

This course explores characteristic existentialist themes including notions of human freedom, anxiety, self-deception, authenticity, and the limits of meaning and knowledge. We consider such representative thinkers as Kierkegaard, Nietzsche, Heidegger, Sartre, de Beauvoir, and Camus.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-2010(3) and the former PHIL-2007(6).

### **PHIL-2011(6) THE GENESIS OF WESTERN HUMANISM (Le3)**

This course is a study of the rise of humanistic thought in response to the needs and vicissitudes of life in the Greco-Roman world. Primary source material in translation will be used to obtain an understanding of the contribution made by various individuals: e.g., Protagoras, Socrates, Plato, Isocrates, Aristotle, Epicurus, Lucretius, Cicero, Seneca, Epictetus, and Marcus Aurelius.

**CROSS-LISTED:** Classics CLAS-2011(6).

### **PHIL-2012 HISTORY OF PHILOSOPHY: MEDIEVAL LATIN (Le3)**

This course examines selected philosophical works in the Latin traditions from the time of Augustine to the end of the 14<sup>th</sup> century. Topics in moral and political philosophy, logic and metaphysics, epistemology, philosophy of science, and philosophical theology may be discussed. The influence of earlier Arabic and Hebraic thinkers on subsequent Latin philosophical thought is explored.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-2012 and the former PHIL-3503.

### **PHIL-2200(6) SOCIAL AND POLITICAL PHILOSOPHY (Le3)**

This course is a critique of attempts to give



ethical justification for social institutions and practices. Why should I obey the state? When is disobedience justified? Are there any inalienable and absolute human rights? What are the conditions and limits of liberty? Why and when is it moral to punish? Is free enterprise consistent with principles of justice? Is it ever right to engage in war? Readings will include the work of some of the following: social contract theorists, utilitarians, Hegelians, Marxists, existentialists, and analytic philosophers.

**Note:** Students may not receive credit for both PHIL-2200(6) AND the former PHIL-2205(6).

**CROSS-LISTED:** Politics POL-2200(6).

**PHIL-2201(6) MORAL PHILOSOPHY (Le3)** This course will examine representative moral ideas and standards of human conduct, with some consideration of their practical relevance. Topics that may be considered are the nature of morality, conceptions of the good life, virtues and vices, the justification of moral standards, moral relativity and scepticism, the bearing of behavioural studies on moral judgment and the validation of standards, and the question of freedom and moral responsibility. Readings will be selected from both classical and contemporary sources.

**PHIL-2202(3) ETHICS IN MEDICINE AND THE LAW (Le3)** This course will examine biomedical ethical issues emerging in therapy, research, public policy, and law. Topics might include issues such as euthanasia, abortion, medical experimentation, the definition of death, and the distribution of expensive and scarce medical resources.

**PHIL-2207(3) PHILOSOPHY OF LAW (Le3)** Typical problems are the nature and function of law, the relations between law and morality, and the examination of legal concepts and legal reasoning. There will be some discussion of the actual function of law in society.

**PREREQUISITES:** An introductory Philosophy course or permission of instructor.

**PHIL-2208(3) WAR AND PEACE (Le3)** This is a study of the ethical issues connected with war and the securing of peace, as articulated in the writings of major philosophers such as Plato, Aristotle, Aquinas, Hobbes, Kant, James, Russell, and Camus, and perhaps selected political and military thinkers such as Machiavelli and Clausewitz. Relevant moral theories such as the ethics of non-violence, the idea of a holy war, the theory of the just war, and the doctrine of deterrence will be critically examined both in their historical context and in the context of the nuclear age.

**PHIL-2211(3) PHILOSOPHY OF HISTORY (Le3)** The course will include an examination of topics such as the following: significant answers to the question, "What is history," the relation between fact and value judgment in understanding history, the relevance of historical understanding for structuring our insight into the human condition, the meaning of world history as a whole, and theories of historical explanation.

**PHIL-2219(3) PHILOSOPHY OF ART (Le3)** Through reading key theorists in the history of aesthetics, this course examines some of the fundamental problems in the philosophy of art, including those of the definition

and purpose of art, the nature of beauty, the sources of genius and originality, the problem of forgery, and the possible connection between art and the moral good.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-2219(3) and the former PHIL-2221(6).

**PHIL-2220(3) PHILOSOPHY OF LITERATURE (Le3)**

This course examines some of the philosophical problems posed by literature, i.e., the nature and function of literature, problems of interpretation and criticism, the place of authors' intentions in reading and understanding texts, and the possible role of literature in moral life.

**PHIL-2232(3) PHILOSOPHY OF RELIGION (Le3)**

This course is a philosophical examination of basic problems of religion and theology. Topics are selected from the nature and main forms of religion, the existence and nature of God, the claims of mystical and religious experience, the relation of religion and science, the relation of religion and morality, the problem of evil, human destiny, revelation and faith, and the nature of religious language.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-2232(3) and the former PHIL-2231(6).

**PHIL-2233(3) ENVIRONMENTAL ETHICS (Le3)**

The course will examine principles and problems related to our responsibilities for the world in which we live. Typical topics may include the following: the implications of ecology for ethics, our obligations to future human generations, the varieties of value which might be found in the world of nature, and tensions between ideals of liberty and justice under conditions of scarcity.

**Note:** A required course for the Environmental Studies degree.

**PHIL-2234(3) PHILOSOPHY OF NATURE (Le3)**

This course considers hypotheses about the nature of things as suggested by recent developments in the physical and biological sciences coupled with philosophical speculation. How have modern theories of evolution, relativity, genetics, biochemistry, quantum mechanics, electromagnetism, and nuclear physics altered our understanding of the origins and nature of the cosmos? In the light of scientific theory and speculation on such topics, the course reassesses philosophical theories about space, time, matter, and life.

**PHIL-2251(3) PHILOSOPHY OF THE NATURAL SCIENCES (Le3)**

Key issues in understanding and evaluating the enterprise of natural science form the subject matter. Questions dealt with might include the following: Is there a scientific method? Can scientific theories be tested against experience? What are the criteria for the acceptability of scientific theories? Is induction reliable? What are the "laws of nature" and how can they be known? Is a true scientific theory simply a useful tool in our search for power over nature, or does it also provide us with an accurate description of the world we live in?

**PHIL-2252(3) PHILOSOPHY OF THE SOCIAL SCIENCES (Le3)**

The course will be concerned with understanding the social sciences and psychology,

with special emphasis on methodological issues. Possible topics are the following: theory construction in the human sciences, the influences of ideologies upon the methods and findings of these disciplines, the problem of objectivity, types of explanation, and the relation between explaining, predicting, and engineering human behaviour. Is it reasonable to look for laws of human behaviour on the basis of which we can engage in utopian social planning?

**PHIL-2264(3) PHILOSOPHY OF MIND (Le3)** This course is a consideration of philosophical problems concerning the mind, such as the nature of mental activity (consciousness, perception, thinking), personal identity, the relation of mind and body, and our knowledge of other minds. The bearing of psychology on these philosophical reflections will be considered.

**PHIL-2281(6) PHILOSOPHY OF EDUCATION (Le3)** This course is an examination of traditional and modern philosophical perspectives on the educational and learning process as applied to current practices.

**PHIL-2291(3) HISTORY OF EDUCATIONAL IDEAS (Le3)** This course is a study of the development and implications of educational ideas from Plato to the present.

**Note:** A Support Course for the Education Program.

**PHIL-2302(6) LOGIC (Le3)** This course studies the fundamentals of logic including (i) the basic elements of formal logic--the classical logic of propositions and quantifiers and topics in some non-classical approaches, and (ii) the applied study of practical logic--the evaluation and analysis of informal reasoning. Historical and Philosophical matters will be included.

**Note:** This course may NOT be used to fulfil the Humanities Requirement.

**PHIL-2305(3) PHILOSOPHY AND MATHEMATICS (Le3)** Historically, philosophers have been intrigued by mathematics. Some philosophers, such as Pythagoras, Descartes and Frege, have made fundamental contributions to mathematics while mathematicians and physicists such as Heisenberg, Einstein and Hawking have noticed that contemporary aspects of their disciplines have raised ancient philosophical questions anew. Are mathematical proofs "certain"? Is mathematics independent of empirical experience? Can mathematics be reduced to logic? Does mathematics describe reality? This course examines such questions and the answers offered in the history of philosophy.

**Cross-Listed:** Mathematics MATH-2305(3).

**Note:** This course may NOT be used to fulfil the Science Requirement.

**PHIL-2372(3) PHILOSOPHY OF LANGUAGE (Le3)** This course focuses upon the theory of signs, symbols, and meaning in language. Does meaning lie in a relation between the language sign and an object in the world, in an internal state of consciousness, or in the pragmatic context of language use? Attention will be given to various kinds and functions of language: descriptive and evaluative discourse, the language of logic and mathematics, argumentation and reasoning in natural language. Through a study of natural

language and computer languages the course will ask what if anything is distinctively human in our use of language and other symbol systems.

**PHIL-2901(3) HISTORY OF CALCULUS (Le3)** This course gives an overview of the main ideas of Calculus, together with their historical development. It will investigate issues such as the definition of Calculus; how and when it developed; what problems inspired its creation; and how it changed the way mathematicians and others think about mathematical knowledge. Readings of original sources in English translation may range from Babylonian mathematical tablets, through Euclid and the Greeks, past Galileo, Leibniz and Newton, to Cauchy, Riemann and Robinson.

**PREREQUISITES:** Pre-Calculus Math 40S or Applied Math 40S.

**Cross-Listed:** Mathematics MATH-2901(3).

**Note:** This course can be used to fulfil either the Science Requirement or the Humanities Requirement.

#### **ADVANCED COURSES**

3000-level courses are open to all students who have completed a minimum of 6.0 credit hours in Philosophy.

**PHIL-3100(3) EPISTEMOLOGY (Le3)** This course examines problems of knowledge. Topical investigations may include skepticism; knowledge and its relation to thought; experience, truth, and inference; subjectivity and objectivity; relativism and absolutism; and realism versus antirealism.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3100(3) and the former PHIL-2261(6).

**PHIL-3101(3) METAPHYSICS (Le3)** This seminar course examines problems of metaphysics. Topical investigations may include causation and determinism; necessity and possibility; identity and persistence, including personal identity; essence and essentialism; freedom and agency; ontology; substances and events; realism and antirealism; and the nature of time.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3101(3) and the former PHIL-2261(6).

**PHIL-3215(6) PHILOSOPHY AND SOCIAL REALITY (Le3)** This course is an enquiry into the relationship between the individual and society as seen by some historically important Western philosophers. The examination of this relationship discloses the extent to which theories of knowledge, reality, values, and society are interdependent.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**PHIL-3301(6) ARGUMENTATION (Le3)** This course studies the principles and techniques of the critical interpretation and evaluation of argumentation. Topics studied include normative rules of reasoned discussions useful to resolve conflicts of opinion, and violations of such rules, i.e. informal fallacies and

other faults of argumentation.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**PHIL-3303(3) PHILOSOPHY OF LANGUAGE (Le3)**

This course focuses on the theory of signs, symbols, and meaning in language. Does meaning lie in a relation between language sign and an object in the world, in an internal state of consciousness, or in the pragmatic context of language use? Attention is given to various kinds and functions of language: descriptive and evaluative discourse, the language of logic and mathematics; and argumentation and reasoning in natural language. Through a study of natural language and computer languages, the course asks what, if anything, is distinctively human in our use of language and other symbols systems.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3304 and the former PHIL-2372.

**PHIL-3500(3) PHILOSOPHICAL PERSPECTIVES (Le3)**

This course studies historical works by selected philosophers. Each course coherently focuses on an important thinker, a movement or school of thought, their predecessors and historical impact, and with comparisons to other thinkers strikingly similar or opposed in doctrine. The course avoids excessive specialization, but is built around the conviction that one good way to get breadth of philosophical insight is to move deeply into the spirit and world view of the great philosophers. For details on the topic to be studied, please contact the Philosophy Department.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**PHIL-3501(3) PHILOSOPHICAL PERSPECTIVES**

**(Le3)** This course studies historical works by selected philosophers. Each course coherently focuses on an important thinker, a movement or school of thought, their predecessors and historical impact, and with comparisons to other thinkers strikingly similar or opposed in doctrine. The course avoids excessive specialization, but is built around the conviction that one good way to get breadth of philosophical insight is to move deeply into the spirit and world view of the great philosophers. For details on the topic to be studied, please contact the Philosophy Department.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**PHIL-3502(3) HISTORY OF PHILOSOPHY: MEDIEVAL,**

**ARABIC AND HEBRAIC (Le3)** This course examines the medieval Arabic and Hebraic interpretations of Greek thought, and the philosophical dialogue between Islamic and Jewish philosophers, with particular emphasis on questions of the nature of philosophy, politics and theology. Authors include al-Kindi, Averroes, al-Ghazali, ibn Tufayl, Avicenna, al-Farabi and Maimonides.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**PHIL-3504(3) PLATO AND BEFORE (Le3)**

Ancient Greek works of speculative and critical thought concerning the nature of reality, truth, beauty, goodness, knowledge, and human existence provide the material for

study, with the greatest portion of time spent on the dialogues of Plato. Students are encouraged to develop their own reflections on fundamental issues in response to the works read.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3504 and the former PHIL-4112.

**PHIL-3505(3) ARISTOTLE AND AFTER (Le3)**

Aristotle is the dominant figure in this course, but some attention is paid to philosophical developments in the Hellenistic and Medieval periods. This course is normally taken after PHIL-3504 but may be taken by students having some familiarity with the writings of Plato.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy. Students who have not taken PHIL-3504 are encouraged to consult with the department prior to registration.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3505 and the former PHIL-4113.

**PHIL-3507(3) 17<sup>th</sup> CENTURY PHILOSOPHY (Le3)**

This course is a systematic study of leading philosophical thinkers of the 17<sup>th</sup> century, such as Descartes, Hobbes, Spinoza, Locke, Leibniz, and Berkeley.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3507 and the former PHIL-4114.

**PHIL-3508(3) 18<sup>th</sup> CENTURY PHILOSOPHY (Le3)**

This course is a systematic study of leading philosophical thinkers of the 18<sup>th</sup> century, such as Burke, Smith, Rousseau, Bentham, and Kant.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3508 and the former PHIL-4115.

**PHIL-3509(3) 19<sup>th</sup> CENTURY PHILOSOPHY (Le3)**

This course is a systematic study of leading 19<sup>th</sup> century European philosophers such as Hegel, Schopenhauer, Feuerbach, Nietzsche, Schiller, and Fichte.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3509 and the former PHIL-4116.

**PHIL-3510(3) ANGLO-AMERICAN PHILOSOPHY (Le3)**

This course is a systematic study of leading 20<sup>th</sup> century Anglo-American philosophers such as Moore, Russell, Wittgenstein, Dewey, Carnap, Quine, Brandom, Rorty, McDowell, and Arendt. Topics may include common sense philosophy; logical atomism; logical positivism; logical analysis; Oxford Linguistic Philosophy; pragmatism; and naturalism.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3510 and the former PHIL-4118.

**PHIL-3511 POSTMODERN PHILOSOPHY (Le3)**

This course consists of an overview of the sorts of challenges that have been posed to the philosophical tradition since the Second World War, regarding

epistemological and linguistic certainty, ethical and political normativity and justification, the ideals of reason, truth, and progress. Possible thinkers to be studied include: Heidegger, Adorno, Horkheimer, Derrida, Foucault, and Rorty.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3511 and the former PHIL-4119.

**PHIL-3512 PHILOSOPHY OF MIND (Le3)** This course examines key problems and developments in the philosophy of mind. Topics may include the mind-body problem; supervenience and reductionism; the nature of consciousness; theories of reference; subjectivity and self-knowledge; mental content and the nature of intentionality. Issues arising from cognitive science, neuroscience, and artificial intelligence may also be addressed.

**PREREQUISITES:** A minimum of 12 credit hours in Philosophy.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-3513 and the former PHIL-4276.

### **HONOURS COURSES**

Honours courses are open to all students who have completed a minimum of 15 credit hours in Philosophy, 9 of which must be at the 2000 level or higher, who have maintained a B or better in Philosophy, and who have written permission of the Honours Advisor.

**PHIL-4117(3) TOPICS IN CONTINENTAL PHILOSOPHY (S3)** This course is a systematic study of a problem, set of problems, or key figure(s) in contemporary continental philosophy. Possible themes include: the Foucault-Habermas debate; Derrida and/or Levinas' critique of Husserl; problems in contemporary continental ethics; the scope of hermeneutics; phenomenological method; theories of the self. Possible thinkers to be discussed include: Husserl, Heidegger, Gadamer, Habermas, Levinas, Derrida, and Foucault.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-4117 and the former PHIL-4131.

**PHIL-4204(3) TOPICS IN MORAL PHILOSOPHY (S3)** This course is a systematic study of a problem or set of problems in contemporary moral philosophy. Possible topics include comparison of normative theories (e.g. deontology, utilitarianism, and virtue ethics), freedom and moral responsibility, relativism, the nature of moral agency, and the nature and justification of moral judgements. The emphasis is on recent debates in moral philosophy; however, some reference is made to the historical roots of contemporary moral problems.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-4204(3) and the former PHIL-4202(6).

**PHIL-4266(3) TOPICS IN EPISTEMOLOGY (S3)** This course involves a systematic study of a problem or set of problems in epistemology. Topics may include knowledge and justification; foundationalism and coherentism; perception, introspection, and memory; and skepticism.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-4266(3) and the former PHIL-4265(6).

**PHIL-4267(3) TOPICS IN METAPHYSICS (S3)** This course involves a systematic study of a problem or set of problems in metaphysics. Topics may include the nature or categories of being; substance; modality; problems of space and time; and free will.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-4267(3) and the former PHIL-4265(6).

**PHIL-4277(3) TOPICS IN ANALYTIC PHILOSOPHY (S3)** This course is the study of a problem or set of problems in contemporary analytic philosophy. It may include works by Frege, Russell, Moore, Wittgenstein, Quine, Davidson, Putnam, and Sellars.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-4277(3) and the former PHIL-4275(6).

**PHIL-4501 TOPICS IN AESTHETICS (S3)** This course provides a systematic study of a problem or set of problems in philosophical aesthetics. Possible topics include: contemporary theories of art; the nature of beauty; problems in the interpretation of art. In a given year, the course may focus specifically on one art form, such as music, architecture, or film; it may be dedicated to a problem that crosses formal boundaries, such as expression, intention, or authenticity; or it may critically assess the work of a given aesthetic theorist or movement, such as the British 18<sup>th</sup> century or Formalism; Kant, Collingwood, or Danto.

**PHIL-4502 SPECIAL TOPICS HONOURS SEMINAR (S3)** This course provides a forum for the close study of an area of philosophy that may not be covered by our regular course offerings, or that may reflect the current research interests of our faculty. Topics may focus on a particular thinker or movement, a problem in philosophical method, or an emergent area of philosophical debate.

**PHIL-4503 TOPICS IN HISTORY OF PHILOSOPHY (S3)** This course involves a detailed critical investigation of a major figure, movement, or period within the history of philosophy, with particular attention to those not covered in the regular courses at the earlier levels. Topics may include, for example, Platonism, Aristotelian commentators, ancient neo-Platonists, 18<sup>th</sup> century British Empiricism, German Idealism, the Vienna Circle, or a systematic study of a particular thinker.

**PHIL-4504(3) TOPICS IN SOCIAL AND POLITICAL PHILOSOPHY (S3)** This course involves an investigation into contemporary problems or developments in social and political thought. Topics may include: classical political rationalism, Islamic political philosophy, multiculturalism, critiques of liberalism, contemporary Marxist debates, or problems of global justice and human rights. This course may equally concentrate on the work of a major figure, such as Taylor, Habermas, or Weil.

**PHIL-4700(3) DIRECTED INDIVIDUAL STUDY (D)** This course presents senior students with the opportunity for in-depth research and writing in a specific topic or problem area, selected by the student in consultation with a Faculty Advisor. The student will meet regularly with his/her Advisor to discuss the

research in progress, and will submit a substantial paper on the topic at the end of term.

**PREREQUISITES:** Permission of the departmental Honours Advisor. A preliminary plan must be submitted in writing to the Faculty Adviser and the departmental Honours Advisor by the end of the first week of term.

**RESTRICTIONS:** Only one Individual Study course may be taken for degree credit. Students may NOT receive credit for both PHIL-4700(3) and the former PHIL-4900(6) OR PHIL-4901(6).

**PHIL-4800(6) HONOURS THESIS (D)** To complete the Honours BA, students must undertake, normally in the final year of their study, a programme of research under the supervision of a member of the department. The thesis provides the student with the opportunity to design and complete an original research project on a subject of interest and relevance to the discipline. Students wishing to enrol in this course must first consult with the departmental Honours Advisor to determine a thesis topic. Submission of the student's final work is followed by an oral examination.

**PREREQUISITES:** Permission of the departmental Honours Advisor.

**RESTRICTIONS:** Students may NOT receive credit for both PHIL-4800(3) and the former PHIL-4900(6) OR PHIL-4901(6).

# PHYSICS (PHYS)

**Note: The department/program code PHYS replaces the former code 38. Students cannot hold credit in PHYS-xxxx and the former 38.xxxx having the same course number (e.g., PHYS-1301(6) and 38.1301(6)).**

**Chair: Professor R. Kobes;** Professors: S. Dannefaer, G. Kunstatter, Associate Professor: D. Vincent; Assistant Professors: C. Bidinosti, J. Martin, M. Martin; Instructors: I. Burley, D.G. Campbell, J.S. Klassen, V. Milosevic-Zdjelar.

## DEGREES/PROGRAMS OFFERED

**3-Year BSc**

**3-Year BSc (Computational Physics Stream)**

**3-Year BSc (Radiation Health and Safety Stream)**

**4-Year BSc**

**4-Year BSc (Chemical Physics Stream)**

**4-Year BSc (Computational Physics Stream)**

**4-Year BSc (Radiation Therapy Stream)**

**Honours BSc**

**Honours BSc (Chemical Physics Stream)**

**Honours BSc (Mathematical Physics Stream)**

**Honours BSc (Medical Physics Stream)**

## INTRODUCTION

Physics is the study of nature at its most fundamental level. Its purpose is to formulate theories that accurately account for the behaviour of observed phenomena at all levels, from the microscopic world of the atom to the vast reaches of the universe as a whole. In the process of trying to understand nature, physics often makes surprising discoveries that revolutionize the world. Such discoveries include lasers, the electronic processes underlying today's compact, high-speed computers and the nuclear processes behind medical imaging systems such as MRI's. Even the World Wide Web was developed by particle physicists as a graphics-based communications system to enable them to share information.

A degree in Physics can lead to careers in teaching at the school or university level and research in universities, government labs and high-tech industry. Physicists acquire skills that are also useful in a wide variety of other fields, such as engineering, health sciences and finance. Specialized streams in chemical, mathematical, and computational physics are available for those wanting to pursue studies in one of these cross-disciplinary fields.

Those students interested in Engineering may wish to consider the dual degree option offered in conjunction with the University of Minnesota. Under this program a student completes a 3 year B. Sc. Degree at the University of Winnipeg and then can obtain an Engineering degree after two years at the Institute of Technology at the University of Minnesota. Further details are available in the calendar, on the University of Winnipeg's web site, or from the Department of Physics office.

## GENERAL INFORMATION

### Prerequisites

Note that prerequisites may be waived in some circumstances; please consult the Department Chair.

### Course Offerings

**PHYS-1301(6)** Introduction to Physics does not involve Calculus and is offered for pre-medical, pre-dental, and arts students.

**PHYS-1501(6)** Modern Technology meets the Science Requirement and is aimed at liberal arts students who seek a qualitative approach to the understanding of current technology.

**PHYS-1701(6)** Astronomy, **PHYS-2705(6)** Cosmology, and **PHYS-2812(3)** The Physics of Music meet the Science Requirement and are intended for liberal arts students who desire a non-mathematical approach to the understanding of science.

**PHYS-2102(3) and PHYS-2103(3)** - Scientific Computing I and II - provides an introduction to the use of computers in science, and should be useful to anyone interested in gaining practical experience with a variety of programming languages.

### Physics Computing Practicum

Every upper-level Physics course (second year and up) will contain a Physics Computing component as part of its normal workload. The purpose of this program is to provide students with problem-solving skills using high level software packages and computer programming languages. All Physics graduates will thereby acquire technical expertise that should prove invaluable in today's world of ever-increasing computerization.

## GENERAL 3-YEAR BSc DEGREE REQUIREMENTS

<b>ADMISSION REQUIREMENT</b>	Students must consult with a Department advisor in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours.
Major:	Minimum 18 credit hours.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	Minimum 12 credit hours in Humanities.

Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

#### **MAJOR REQUIREMENT**

Single Major: Minimum 33 credit hours/Maximum 48 credit hours in Major subject.  
Double major: 33 credit hours in Physics and the specified number of credit hours in the other Department/ program.

### **GENERAL 4-YEAR BSc DEGREE REQUIREMENTS**

**ADMISSION REQUIREMENT** Students must consult with a Department advisor in planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours; that is, 90 credit hours meeting the requirements for the 3-Year BSc plus 30 additional credit hours.

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours.  
Major: Minimum 30 credit hours.

**GENERAL DEGREE REQUIREMENT**  
Humanities: Minimum 12 credit hours.  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### **GENERAL HONOURS BSc DEGREE REQUIREMENTS**

**ADMISSION REQUIREMENT** Students must have completed 30 credit hours.  
Students must consult and have the approval of the Department Chair or the Chair's designate when planning their studies.

**GRADUATION REQUIREMENT** 120 credit hours  
Graduation GPA Requirement: To graduate with a BSc (Honours), students must have a minimum GPA of 3.0 on all major (Physics) courses which will be calculated on all course attempts in the major, and a minimum GPA of 2.75 on all non-major courses which will be calculated as for the general degree.

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours.  
Major: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 12 credit hours are at the 4000 level.

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**HONOURS REQUIREMENT**  
Single Honours: Minimum 60 credit hours in the Major subject.  
Minimum 30 credit hours in upper-level (3000 and 4000) Honours subject courses of which a minimum of 12 credit hours must be at the 4000 level.

### **REQUIREMENTS FOR A 3-YEAR BSc IN PHYSICS**

**MAJOR REQUIREMENT**  
Single Major: Minimum 33 credit hours/Maximum 48 credit hours.  
Double Major: 33 or 36 credit hours in each Major subject or program, as specified.

Required courses:  
**MATH-1101(6)** Introduction to Calculus  
**PHYS-1101(6)** Foundations of Physics I (Minimum 2.0 GPA, C)  
**PHYS-2201(6)** Electricity & Magnetism  
**PHYS-2302(6)** Foundations of Physics II  
**PHYS-3301(6)** Quantum Mechanics I

**PHYS-3901(3)** Intermediate Physics Laboratory

A minimum of 6 credit hours from the following:

**PHYS-2102(3)** Scientific Computing I  
**PHYS-2103(3)** Scientific Computing II  
**PHYS-2105(3)** Mathematical Physics I  
**PHYS-2106(3)** Mathematical Physics II  
**PHYS-2503(3)** Medical Imaging  
**PHYS-3202(3)** Classical Mechanics I  
**PHYS-3203(3)** Classical Mechanics II  
**PHYS-3402(3)** Thermal Physics I  
**PHYS-3403(3)** Thermal Physics II  
**PHYS-4201(6)** Electromagnetic Theory  
**PHYS-4302(3)** Condensed Matter Physics  
**PHYS-4303(3)** Subatomic Physics  
**PHYS-4501(6)** Introduction to General Relativity  
**PHYS-4601(6)** Quantum Mechanics II

Recommended: Students are advised to include courses in the areas of Calculus and Differential Equations as part of their degree program. Students are advised to consult with the Department Chair before entering Year 2 of their studies.

Combined Major: Minimum of 48 credit hours from two (2) different majors with not less than 18 credit hours from each major subject.

Prescribed courses: Required courses depend on the second major area and will be determined in consultation with the department.

## REQUIREMENTS FOR A 3-YEAR BSc (COMPUTATIONAL PHYSICS STREAM)

Single Major: Minimum 66 credit hours in Applied Computer Science, Mathematics, and Physics, as per required course list.

Required Courses (36 credit hours):

**MATH-1101(6)** Introduction to Calculus  
**PHYS-1101(6)** Foundations of Physics I  
**PHYS-2102(3)** Scientific Computing I  
**PHYS-2103(3)** Scientific Computing II  
**PHYS-2201(6)** Electricity and Magnetism  
**PHYS-2302(6)** Foundations of Physics II  
**PHYS-3301(6)** Quantum Mechanics I

Plus either

**ACS-1903(3)** Programming Fundamentals I and  
**ACS-1904(3)** Programming Fundamentals II

OR

**ACS-1905(3)** Programming Fundamentals and  
**ACS-2947(3)** Data Structures and Algorithms

Plus at least 6 credit hours from

**PHYS-2105(3)** Mathematical Physics I  
**PHYS-2106(3)** Mathematical Physics II  
**PHYS-3202(3)** Classical Mechanics I  
**PHYS-3203(3)** Classical Mechanics II  
**PHYS-3402(3)** Thermal Physics I  
**PHYS-3403(3)** Thermal Physics II  
**PHYS-3901(3)** Intermediate Physics Laboratory  
**PHYS-4302(3)** Condensed Matter Physics  
**PHYS-4303(3)** Nuclear Physics  
**PHYS-4501(6)** Introduction to General Relativity  
**PHYS-4901(3)** Advanced Physics Laboratory

Plus at least 18 credit hours selected from

**MATH-3701(3)** Numerical Methods

Any courses from the Applied Computer Science 4-year B. Sc. Group I or Group II electives

## REQUIREMENTS FOR THE 3 YEAR BSc (RADIATION HEALTH AND SAFETY)

This program is being planned for full implementation in 2010/11, subject to final administrative approval. Please contact the department chair or designate for further information.

Note: the "CCMB" department code used below indicates courses taught through CancerCare Manitoba.

Major requirement: Minimum of 60 Credit Hours as per the courses listed below.



Required:

<b>MATH-1101(6)</b>	Introduction to Calculus
<b>BIOL-1112(6)</b>	Human Anatomy and Physiology
<b>STAT-1501(3)</b>	Elementary Biological Statistics I
<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>PHYS-2102(3)</b>	Scientific Computing I
<b>PHYS-2201(6)</b>	Electricity and Magnetism
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-2510(3)</b>	Radiation Biology (CancerCare course)
<b>PHYS-2540(3)</b>	Radiation Protection and Health Physics (CancerCare course)
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory

Plus at least 15 credit hours selected from

<b>PHYS-2105(3)</b>	Mathematical Physics I
<b>PHYS-2106(3)</b>	Mathematical Physics II
<b>PHYS-2103(3)</b>	Scientific Computing II
<b>PHYS-2502(3)</b>	Radiation and the Environment
<b>PHYS-2503(3)</b>	Medical Imaging
<b>PHYS-2520(3)</b>	Physics of Radiation Therapy (CancerCare course)
<b>CCMB-2530(3)</b>	Industrial, Therapy, and Imaging Apparatus (CancerCare course)
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II
<b>PHYS-3220(3)</b>	Medical Physics and Physiological Measurement (U of M course)
<b>STAT-1601(3)</b>	Elementary Biological Statistics II
	OR
<b>STAT-2001(3)</b>	Statistical Analysis for Chemists and Biologists

## REQUIREMENTS FOR A 4-YEAR BSc IN PHYSICS

### MAJOR REQUIREMENT

Single Major:	Minimum 54 credit hours/ Maximum 78 credit hours.
Double Major:	Minimum 54 credit hours in Physics and specified number of credit hours in the other Major.

Required courses:

<b>MATH-1101(6)</b>	Introduction to Calculus
<b>PHYS-1101(6)</b>	Foundations of Physics I (Minimum 2.0 GPA, C)
<b>PHYS-2201(6)</b>	Electricity & Magnetism
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory
<b>PHYS-4601(6)</b>	Quantum Mechanics II
<b>PHYS-4901(3)</b>	Advanced Physics Laboratory

A minimum of 18 credit hours from:

<b>PHYS-3202(3)</b>	Classical Mechanics I
<b>PHYS-3203(3)</b>	Classical Mechanics II
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II
<b>PHYS-4201(6)</b>	Electromagnetic Theory
<b>PHYS-4302(3)</b>	Condensed Matter Physics
<b>PHYS-4303(3)</b>	Subatomic Physics
<b>PHYS-4501(6)</b>	Introduction to General Relativity

Students must complete a special registration form available from the Department Chair before registering for the 66th credit hour. Students are strongly encouraged to take **PHYS-2105(3)** Mathematical Physics I and **PHYS-2106(3)** Mathematical Physics

Combined Major:	Minimum of 60 credit hours from two (2) different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	Required courses depend on the second major area and will be determined in consultation with the department.

## REQUIREMENTS FOR A 4-YEAR BSc (CHEMICAL PHYSICS STREAM)

### MAJOR REQUIREMENT

Single Major:	Minimum 96 credit hours in Chemistry, Mathematics and Physics as per Required Courses list.
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Required courses:

<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter
<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity

<b>CHEM-2102(3)</b>	Thermodynamics and Kinetics
<b>CHEM-2103(3)</b>	Atoms, Molecules and Spectroscopy
<b>CHEM-2401(3)</b>	Inorganic Chemistry I
<b>CHEM-3101(3)</b>	Physical Chemistry of Condensed Phases
<b>CHEM-3102(3)</b>	Quantum Chemistry and Spectroscopy
<b>CHEM-4101(3)</b>	Molecular Structure, Spectroscopy and Reactivity
<b>MATH-1101(6)</b>	Introduction to Calculus
<b>MATH-1201(3)</b>	Linear Algebra I
<b>MATH-2102(3)</b>	Differential Equations I
<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>PHYS-2201(6)</b>	Electricity and Magnetism
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory
<b>PHYS-4601(6)</b>	Quantum Mechanics II

Plus at least 3 credit hours selected from:

<b>CHEM-2202(3)</b>	Organic Chemistry I
<b>CHEM-2203(3)</b>	Organic Chemistry II
<b>CHEM-2302(3)</b>	Quantitative Chemical Analysis
<b>CHEM-3401(3)</b>	Inorganic Chemistry II: Coordination and Organometallic Chemistry

Plus 12 credit hours selected from the following:

<b>PHYS-3202(3)</b>	Classical Mechanics I
<b>PHYS-3203(3)</b>	Classical Mechanics II
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II
<b>PHYS-4302(3)</b>	Condensed Matter Physics
<b>PHYS-4303(3)</b>	Subatomic Physics
<b>PHYS-4001(6)</b>	Honours Thesis

Plus 12 credit hours selected from the following:

<b>PHYS-2102(3)</b>	Scientific Computing I
<b>PHYS-2103(3)</b>	Scientific Computing II
<b>PHYS-2105(3)</b>	Mathematical Physics I
<b>PHYS-2106(3)</b>	Mathematical Physics II
<b>MATH-2801(6)</b>	Fundamentals of Computing
<b>MATH-2101(6)</b>	Intermediate Calculus
<b>MATH-2103(3)</b>	Differential Equations II
<b>MATH-2203(3)</b>	Linear Algebra

## REQUIREMENTS FOR A 4-YEAR BSc (COMPUTATIONAL PHYSICS STREAM)

### MAJOR REQUIREMENT

Single Major:

Minimum 96 credit hours in Chemistry, Mathematics and Physics as per Required Courses list.

Required Courses (45 credit hours):

<b>MATH-1101(6)</b>	Introduction to Calculus
<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>PHYS-2102(3)</b>	Scientific Computing I
<b>PHYS-2103(3)</b>	Scientific Computing II
<b>PHYS-2201(6)</b>	Electricity and Magnetism
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory
<b>PHYS-4601(6)</b>	Quantum Mechanics II

Plus either

<b>ACS-1903(3)</b>	Programming Fundamentals I and
<b>ACS-1904(3)</b>	Programming Fundamentals II

OR

<b>ACS-1905(3)</b>	Programming Fundamentals and
<b>ACS-2947(3)</b>	Data Structures and Algorithms

Plus either

<b>PHYS-2105(3)</b>	Mathematical Physics I and
<b>PHYS-2106(3)</b>	Mathematical Physics II

OR

<b>MATH-1201(3)</b>	Linear Algebra I and
<b>MATH-2102(3)</b>	Differential Equations 1

Plus at least 12 credit hours selected from

<b>PHYS-3202(3)</b>	Classical Mechanics I
<b>PHYS-3203(3)</b>	Classical Mechanics II
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II

- PHYS-4001(6)** Honor's thesis
  - PHYS-4302(3)** Condensed Matter Physics
  - PHYS-4303(3)** Nuclear Physics
  - PHYS-4501(6)** Introduction to General Relativity
  - PHYS-4901(3)** Advanced Physics Laboratory
- Plus at least 27 credit hours selected from
- MATH-3701(3)** Numerical Methods
  - PHYS-2804(3)** Introduction to Digital Systems
- Any courses from the Applied Computer Science 4 year B. Sc. Group I or Group II electives

## REQUIREMENTS FOR THE 4 YEAR BSc (RADIATION THERAPY)

This program is being planned for full implementation in 2010/11, subject to final administrative approval. Please contact the department chair or designate for further information.

Note: the "CCMB" department code used below indicates courses taught through CancerCare Manitoba.

**Major requirement:** Minimum of 96 credit hours as per the courses listed below.

Required Courses (96 credit hours):

- BIOL-1112(6)** Human Anatomy and Physiology
  - STAT-1501(3)** Elementary Biological Statistics I
  - PHYS-1301(6)** Introduction to Physics
  - SOCI-1101(6)** Introduction to Sociology
  - STAT-1601(3)** Elementary Biological Statistics II
- OR
- STAT-2001(3)** Statistical Analysis for Chemists and Biologists
  - SOCI-3102(6)** Sociology of Medicine
  - KINE-2501(3)** Nutrition
  - PHIL-2202(3)** Ethics in Medicine and the Law
  - PHYS-2510(3)** Radiation Biology (CancerCare course)
  - PHYS-2520(3)** Physics of radiation therapy (CancerCare course)
  - CCMB-2530(3)** Industrial, therapy, and imaging apparatus (CancerCare course)
  - PHYS-2540(3)** Radiation protection and health physics (CancerCare course)
  - CCMB-2901(3)** Fundamentals of Care (CancerCare course)
  - CCMB-2902(3)** Clinical Radiation Oncology (CancerCare course)
  - CCMB-2903(3)** Treatment Planning & Dosimetry I (CancerCare course)
  - CCMB-2904(3)** Clinical Education I (CancerCare course)
  - CCMB-2911(3)** Fundamentals of Care in RT II (CancerCare course)
  - CCMB-2912(3)** Clinical Radiation Oncology II (CancerCare course)
  - CCMB-2913(3)** Treatment Planning & Dosimetry II (CancerCare course)
  - CCMB-3901(3)** Directed Studies I (CancerCare course)
  - CCMB-3903(3)** Directed Studies II (CancerCare course)
  - CCMB-3914/9** Clinical Education II (CancerCare course)
  - CCMB-3924/9** Clinical Education III (CancerCare course)
  - CCMB-4902(3)** Independent Studies (CancerCare course)

## REQUIREMENTS FOR AN HONOURS BSc IN PHYSICS

### HONOURS REQUIREMENT

Single Honours: Minimum 72 credit hours in the Major subject.  
 Minimum 30 credit hours in upper-level (3000 and 4000) Honours subject courses of which a minimum of 12 credit hours must be at the 4000-level.

Required courses:

- MATH-1101(6)** Introduction to Calculus
- MATH-2101(6)** Intermediate Calculus
- PHYS-1101(6)** Foundations of Physics I
- PHYS-2201(6)** Electricity & Magnetism
- PHYS-2105(3)** Mathematical Physics I
- PHYS-2106(3)** Mathematical Physics II
- PHYS-2302(6)** Foundations of Physics II
- PHYS-3202(3)** Classical Mechanics I
- PHYS-3203(3)** Classical Mechanics II
- PHYS-3301(6)** Quantum Mechanics I
- PHYS-3901(3)** Intermediate Physics Laboratory
- PHYS-4001(6)** Honours Thesis
- PHYS-4601(6)** Quantum Mechanics II
- PHYS-4901(3)** Advanced Physics Laboratory

Plus 18 credit hours from:

<b>PHYS-2102(3)</b>	Scientific Computing I
<b>PHYS-2103(3)</b>	Scientific Computing II
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II
<b>PHYS-4201(6)</b>	Electromagnetic Theory
<b>PHYS-4302(3)</b>	Condensed Matter Physics
<b>PHYS-4303(3)</b>	Subatomic Physics
<b>PHYS-4501(6)</b>	Introduction to General Relativity

In addition to the above, students must select a further 6 credit hours in Mathematics and 6 credit hours from Biology and/or Chemistry excluding **BIOL-1102(6)** Biology and Human Concerns and **CHEM-2801(6)** Chemistry and Society.

## REQUIREMENTS FOR THE HONOURS BSc (CHEMICAL PHYSICS STREAM)

### HONOURS REQUIREMENT

Single Honours: Minimum 96 credit hours in Chemistry, Mathematics and Physics as per Required Courses list.

Required courses:

<b>CHEM-1111(3)</b>	Introduction to the Chemical Properties of Matter
<b>CHEM-1112(3)</b>	Basic Principles of Chemical Reactivity
<b>CHEM-2102(3)</b>	Thermodynamics and Kinetics
<b>CHEM-2103(3)</b>	Atoms, Molecules and Spectroscopy
<b>CHEM-2401(3)</b>	Inorganic Chemistry I
<b>CHEM-3101(3)</b>	Physical Chemistry of Condensed Phases
<b>CHEM-3102(3)</b>	Quantum Chemistry and Spectroscopy
<b>CHEM-4101(3)</b>	Molecular Structure, Spectroscopy and Reactivity
<b>MATH-1101(6)</b>	Introduction to Calculus
<b>MATH-1201(3)</b>	Linear Algebra I
<b>MATH-2102(3)</b>	Differential Equations I
<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>PHYS-2201(6)</b>	Electricity and Magnetism
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory
<b>PHYS-4001(6)</b>	Honours Thesis
<b>PHYS-4601(6)</b>	Quantum Mechanics II

Plus at least 3 credit hours selected from:

<b>CHEM-2201(3)</b>	Organic Chemistry I
<b>CHEM-2203(3)</b>	Organic Chemistry II
<b>CHEM-2302(3)</b>	Quantitative Chemical Analysis
<b>CHEM-3401(3)</b>	Inorganic Chemistry II: Coordination and Organometallic Chemistry

Plus 6 credit hours selected from the following:

<b>PHYS-3202(3)</b>	Classical Mechanics I
<b>PHYS-3203(3)</b>	Classical Mechanics II
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II
<b>PHYS-4302(3)</b>	Condensed Matter Physics
<b>PHYS-4303(3)</b>	Subatomic Physics

Plus 12 credit hours selected from the following:

<b>PHYS-2102(3)</b>	Scientific Computing I
<b>PHYS-2103(3)</b>	Scientific Computing II
<b>PHYS-2105(3)</b>	Mathematical Physics I
<b>PHYS-2106(3)</b>	Mathematical Physics II
<b>MATH-2801(6)</b>	Fundamentals of Computing
<b>MATH-2101(6)</b>	Intermediate Calculus
<b>MATH-2103(3)</b>	Differential Equations II
<b>MATH-2203(3)</b>	Linear Algebra

## REQUIREMENTS FOR THE HONOURS BSc (MATHEMATICAL PHYSICS STREAM)

### HONOURS REQUIREMENT

Single Honours: Minimum 66 credit hours in Physics and 30 credit hours in Mathematics.

Required courses (75 credit hours):

<b>MATH-1101(6)</b>	Introduction to Calculus
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<b>MATH-1201(3)</b>	Linear Algebra I
<b>MATH-2101(6)</b>	Intermediate Calculus
<b>MATH-2102(3)</b>	Differential Equations I
<b>MATH-2103(3)</b>	Differential Equation II
<b>MATH-2203(3)</b>	Linear Algebra II
<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>PHYS-2105(3)</b>	Mathematical Physics I
<b>PHYS-2106(3)</b>	Mathematical Physics II
<b>PHYS-2201(6)</b>	Electricity and Magnetism
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory
<b>PHYS-4001(6)</b>	Honours Thesis
<b>PHYS-4201(6)</b>	Electromagnetic Theory
<b>PHYS-4601(6)</b>	Quantum Mechanics II

Plus at least 6 credit hours selected from:

<b>MATH-1401(3)</b>	Discrete Mathematics
<b>MATH-3101(6)</b>	Advanced Calculus and Analysis
<b>MATH-3202(3)</b>	Group Theory
<b>MATH-3402(3)</b>	Combinatorics
<b>MATH-3701(3)</b>	Numerical Methods
<b>MATH-4101(3)</b>	Complex Analysis
<b>MATH-4403(3)</b>	Set Theory
<b>MATH-4601(3)</b>	Introduction to Topology and Analysis
<b>MATH-4604(3)</b>	Introduction to Differential Geometry

Plus at least 15 credit hours selected from:

<b>PHYS-3202(3)</b>	Classical Mechanics I
<b>PHYS-3203(3)</b>	Classical Mechanics II
<b>PHYS-3103(3)</b>	Special Topics in Physics
<b>PHYS-3402(3)</b>	Thermal Physics I
<b>PHYS-3403(3)</b>	Thermal Physics II
<b>PHYS-4302(3)</b>	Condensed Matter Physics
<b>PHYS-4303(3)</b>	Subatomic Physics
<b>PHYS-4501(6)</b>	Introduction to General Relativity
<b>PHYS-4901(3)</b>	Advanced Physics Laboratory

## REQUIREMENTS FOR THE HONOURS BSc (MEDICAL PHYSICS)

**Honours requirement:** Minimum of 84 Credit Hours as per the courses listed below.

Required courses:

<b>BIOL-1112(6)</b>	Human Anatomy and Physiology
<b>STAT-1501(3)</b>	Elementary Biological Statistics I
<b>MATH-1101(6)</b>	Introduction to Calculus
<b>PHYS-1101(6)</b>	Foundations of Physics I
<b>PHYS-2201(6)</b>	Electricity & Magnetism I
<b>PHYS-2105(3)</b>	Mathematical Physics I
<b>PHYS-2106(3)</b>	Mathematical Physics II
<b>PHYS-2102(3)</b>	Scientific Computing I
<b>PHYS-2302(6)</b>	Foundations of Physics II
<b>PHYS-3103(3)</b>	Mechanics I
<b>PHYS-3301(6)</b>	Quantum Mechanics I
<b>PHYS-3901(3)</b>	Intermediate Physics Laboratory
<b>PHYS-4001(6)</b>	Honours Thesis
<b>PHYS-4601(6)</b>	Quantum Mechanics II
<b>PHYS-4901(3)</b>	Advanced Physics Laboratory

Plus at least 15 credit hours from:

<b>PHYS-2502(3)</b>	Radiation and the Environment
<b>PHYS 2503(3)</b>	Medical Imaging
<b>PHYS-2103(3)</b>	Scientific Computing II
<b>PHYS-3104(3)</b>	Mechanics II
<b>PHYS 3220(3)</b>	Medical Physics and Physiological Measurement (given through the University of Manitoba)
<b>PHYS-4302(3)</b>	Condensed Matter Physics
<b>PHYS-4303(3)</b>	Subatomic Physics
<b>PHYS-4501(6)</b>	Introduction to General Relativity
<b>PHYS-4201(6)</b>	Electromagnetic Theory
<b>STAT-1601(3)</b>	Elementary Biological Statistics II
	OR
<b>STAT-2001(3)</b>	Statistical Analysis for Chemists and Biologists

Strongly recommended electives:

**BIOL-1115(3)** Cells and Cellular Processes  
**BIOL-3202(3)** Histology

## COURSE LISTINGS

PHYS-1005(6)	Concepts in Science	PHYS-2812(3)	The Physics of Music
PHYS-1101(6)	Foundations of Physics I	PHYS-3103(3)	Special Topics in Physics
PHYS-1301(6)	Introduction to Physics	PHYS-3202(3)	Classical Mechanics I
PHYS-1501(6)	Modern Technology	PHYS-3203(3)	Classical Mechanics II
PHYS-1701(6)	Astronomy	PHYS-3301(6)	Quantum Mechanics I
PHYS-2102(3)	Scientific Computing I	PHYS-3402(3)	Thermal Physics I
PHYS-2103(3)	Scientific Computing II	PHYS-3403(3)	Thermal Physics II
PHYS-2105(3)	Mathematical Physics I	PHYS-3901(3)	Intermediate Physics Laboratory
PHYS-2106(3)	Mathematical Physics II	PHYS-4001(6)	Honours Thesis
PHYS-2110(3)	Statics	PHYS-4201(6)	Electromagnetic Theory
PHYS-2201(6)	Electricity and Magnetism	PHYS-4302(3)	Condensed Matter Physics
PHYS-2302(6)	Foundations of Physics II	PHYS-4303(3)	Subatomic Physics
PHYS-2502(3)	Radiation and the Environment	PHYS-4501(6)	Introduction to General Relativity
PHYS-2503(3)	Medical Imaging	PHYS-4601(6)	Quantum Mechanics II
PHYS-2705(6)	Cosmology: Science Fact to Science Fiction	PHYS-4901(3)	Advanced Physics Laboratory

## COURSE DESCRIPTIONS

As some senior courses are offered only in alternate years, students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

**PHYS-1005(6) CONCEPTS IN SCIENCE (Le6)** This course explores science at a qualitative level from this interdisciplinary viewpoint, with an aim to foster scientific literacy and develop critical thinking skills that are so crucial in today's society. Topics are drawn from biology, chemistry, geography, and physics, and range from the large - the universe, the earth, and ecosystems - to the small - cells, molecules, and atoms. Emphasis is placed on the unifying concepts running through such diversity, with activities and demonstrations forming an integral component. The course fulfills the Science requirement.  
**CROSS-LISTED:** BIOL-1005(6) and MULT-1005(6)

**PHYS-1101(6) FOUNDATIONS OF PHYSICS I (Le3,La3)** This calculus-based course provides students with a working knowledge of the basic concepts underlying modern physics. Topics covered include the following: Introduction to Newtonian mechanics with special emphasis on the principles of conservation (i.e., energy and momentum); applications of Newtonian mechanics, including the simple harmonic oscillator and harmonic waves on a string; gravity theory, including planetary/satellite motion, escape velocity, gravity as curved spacetime and black holes; postulates of special relativity and their consequences; geometric optics applied to mirrors, lenses, and optical instruments; electromagnetic phenomena, including interference and diffraction; quantum behaviour, wave-particle duality, the uncertainty principle, atomic physics with applications to the laser. This course is intended primarily for Physics majors but is also useful preparation for entrance exams for professional programs.

**PREREQUISITES:** Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**COREQUISITE:** Mathematics MATH-1101(6).

**PHYS-1301(6) INTRODUCTION TO PHYSICS (Le3,La3)** This is a non-calculus course intended for pre-medical, pre-dental, and arts students. Topics include the following: mechanics, electric and magnetic fields, electric circuits, light, optics, Bohr theory, radioactivity, and nuclear reactions.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**Note:** In order for a student with credit in course PHYS-1301(6)

to proceed to further courses in Physics he/she must have (a) permission of the Department and (b) standing in Mathematics MATH-1101(6) or MATH-1102(3).

**PHYS-1501(6) MODERN TECHNOLOGY (Le3)** Technology affects many aspects of our lives, and progress is rapid, exciting, and occasionally dangerous. This course, which satisfies the Science Requirement and is aimed at a liberal arts background, is geared towards achieving "technological literacy" in a "high-tech" world. After a qualitative examination of basic physics principles, topics such as energy, transportation, computers, medical technology, the environment, and space exploration will be discussed.

**PHYS-1701(6) ASTRONOMY (Le3)** This course is a science elective intended for the liberal arts student. There is no formal laboratory, but there will be periodic observations and demonstrations. The topics include the following: stellar astronomy and stellar evolution, the solar system and its evolution, galaxies, and theories of the universe. There will also be an introductory treatment of the composition of matter, the nature of light, the principles of optics, and the operation of telescopes and auxiliary instruments. This course fulfills the Science Requirement.

**PHYS-2102(3) SCIENTIFIC COMPUTING I (Le3)** This course explores the use of computers in analysing some common problems that arise in a scientific context, such as graphing, equation solving, and data and information analysis. Common programming constructions are introduced, such as variables, loops, conditionals, data structures, and subroutines, with examples drawn from symbolic manipulation programs, such as Maple, and scripting languages, such as Perl. Both a functional-based and an object-oriented approach to problems are used.

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-2101(6) may not receive credit for this course.

**PHYS-2103(3) SCIENTIFIC COMPUTING II (Le3)** This course introduces common programming constructs in the context of compiled languages, such as C and C++. The

critical importance of the use of data structures to represent information is emphasized, which naturally leads to an object-oriented approach to problem solving. The use of external libraries, such as those for numerical analysis, to solve more advanced problems are explored, with attention paid to checks that can be made on the reliability of the results. A cross-platform approach (eg, Windows, Unix) is used, as appropriate.

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-2101(6) may not receive credit for this course.

**CROSS-LISTED:** ACS-2103(3)

**PHYS-2105(3) MATHEMATICAL PHYSICS I (Le3)** This course provides a study of mathematical techniques commonly used in Physics. Topics covered include vector calculus, coordinate systems, complex variables, distributions, and introductory matrix algebra. The companion course Mathematical Physics II continues this study with further areas of interest. The MAPLE symbolic algebra computer program is introduced and then used throughout the course.

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-2104(6) may not receive credit for this course.

**PREREQUISITE:** PHYS-1101(6), MATH-1101(6).

**PHYS-2106(3) MATHEMATICAL PHYSICS II (Le3)** This course, which is a companion course to Mathematical Physics I, is a study of mathematical techniques commonly used in Physics. Topics covered include diagonalization of complex matrices, Fourier analysis, ordinary and partial differential equations, and special functions. The MAPLE symbolic algebra computer program is used throughout the course.

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-2104(6) may not receive credit for this course.

**PREREQUISITE:** PHYS-1101(6), MATH-1101(6)

**PREREQUISITE or COREQUISITES:** PHYS-2105(3), or permission of the department

**PHYS-2110(3) STATICS (Le3)** This course provides an introduction to systems in static equilibrium. Topics covered include statics of particles, equivalent systems of forces, equilibrium of rigid bodies, centroids and centers of gravity, and analysis of complicated structures.

**PREREQUISITE:** PHYS-1101(6), MATH-1101(6)

**PHYS-2201(6) ELECTRICITY AND MAGNETISM (Le3,La3)** Electrostatics, DC circuits, magnetic effects of a current, electromagnetic induction, properties of dielectric and magnetic materials, elements of AC circuit theory.

**PREREQUISITE:** PHYS-1101(6).

**PHYS-2302(6) FOUNDATIONS OF PHYSICS II (Le3,La3)**

This course contains a series of topics in physics which together with Foundations of Physics I, provide students with a broad understanding of physics. Topics include the following: rotation of rigid bodies, angular momentum, fluid mechanics, thermodynamics, special relativity, quantum mechanics, atomic physics, solid state physics, and nuclear physics.

**PREREQUISITE:** PHYS-1101(6).

**PHYS-2502(3) RADIATION AND THE ENVIRONMENT (Le3, La3)**

This course provides an overview of radiation in the environment and its effects on materials and living systems. Topics will include x-rays, ultraviolet, visible, infrared, microwave and radio-frequency emissions, acoustical and ultrasonic radiation, and alpha, beta and gamma radiation from radioactive source. Emphasis will be place on the applications of radiation in the real world, including health and environmental issues.

**PREREQUISITE:** Any course in Biology, Chemistry, or Physics.

**PHYS-2503(3) MEDICAL IMAGING** This course is an introduction to medical techniques, such as ultrasound, x-rays, CT scans, MRIs, and PET scans. The basics of how each technique works as well as what causes contrast in the images will be explored, both qualitatively and quantitatively, using

simple algebra and trigonometry. The suitability of each technique for imaging specific medical problems will be discussed.

**PREREQUISITE:** Any course in Biology, Chemistry, or Physics.

**PHYS-2705(6) COSMOLOGY: SCIENCE FACT TO SCIENCE FICTION (Le3)**

This course gives an introduction to the scientific study of the universe as a whole. It encompasses a description of astronomical phenomena on the very largest scales and a description of quantum physics on the very smallest scales. The most recent discoveries in physics will be discussed and applied to cosmological models that vary from the well-supported to the speculative. Modern aspects of physics, not usually encountered in elementary physics courses, will be covered. These topics include the following: the standard scenario for early universe evolution; the triumph of big bang cosmology; the hierarchical nature of galaxy formation and clustering; the speed-of-light constraint on space travel and communication; the paradoxical nature of quantum physics; the existence of antimatter; the success of the Special Theory of Relativity; the description of gravity using Einstein's General Theory of Relativity; the characteristics of neutron stars, black holes, wormholes, cosmic strings and other astrophysical oddities; and the logic of spacetime topology of higher dimensions, of parallel universes, and of time travel. Finally, the course will consider how human beings and extraterrestrial lifeforms fit into the overall scheme of things. Throughout, reference will be made to how certain aspects of these topics have been incorporated (correctly and incorrectly) into science-fiction books, television shows, and movies. Although the subjects discussed will be conceptually sophisticated, the presentation will require minimal mathematical knowledge. This course fulfils the Science Requirement.

**PHYS-2812(3) THE PHYSICS OF MUSIC (Le3)**

This course is an introduction to the physical underpinnings of the production, propagation and perception of the sounds that we interpret as music. After an overview of the fundamentals of both physics and music, we explore the nature and propagation of sound waves, the meaning of pure tones, and the question of how pure tones combine to form the harmonious complex waveforms produced by various musical instruments. Other topics include the workings of the human ear, and basic elements of concert hall acoustics. Finally, by studying elements of "fractal music", we examine some issues surrounding the question of what "is" music, compared to, say, a random collection of sounds.

**PREREQUISITE:** Students must have first-year standing in order to enrol in this course.

**PHYS-3103(3) SPECIAL TOPICS IN PHYSICS (SV3)**

This course examines a topic in physics chosen to meet student needs. The topic will vary from year to year. Please consult the Physics Department for the current topic.

**PREREQUISITE:** Permission of the department.

**PHYS-3202(3) - CLASSICAL MECHANICS I**

This course is a three dimensional vector treatment of Newtonian particle dynamics with an emphasis on conservation principles. Topics will include advanced problems in dynamics, including friction, rotation of rigid bodies and moments of inertia, and damped and forced oscillations.

**PREREQUISITES:** PHYS-1101(6)

Strongly recommended: PHYS-2105(3), PHYS-2106(3)

Restrictions: Students who have obtained credit in PHYS-3102(6) may not receive credit in this course.

**PHYS-3203(3) - CLASSICAL MECHANICS II**

This course is a continuation of the treatment of classical mechanics contained in PHYS-3202(3). Topics will include rotation of rigid bodies, central force fields,

especially gravity, and Kepler's laws, small vibrations, and normal modes. As well, the Lagrange and Hamiltonian formalisms will be introduced, including that involving constraints.

**PREREQUISITES:** PHYS-1101(6), PHYS-3202(3)

Strongly recommended: PHYS-2105(3), PHYS-2106(3)

**RESTRICTIONS:** Students who have obtained credit in PHYS-3102(6) may not receive credit in this course.

**PHYS-3301(6) QUANTUM MECHANICS I (Le3)** This course covers the following topics: special relativity, statistical distributions, wave properties of matter, quantum operators, probabilistic interpretation of wave-functions, and applications of the Schrodinger equation, including the treatment of the harmonic oscillator.

**PREREQUISITE:** PHYS-2302(6).

**RECOMMENDED:** Mathematics MATH-2102(3) and MATH-2112(3).

**STRONGLY RECOMMENDED:** PHYS-2105(3) and PHYS-2106(3).

**PHYS-3402(3) THERMAL PHYSICS I (Le3)** This course introduces the standard concepts of classical thermodynamics. It also prepares the student for a quantum statistical approach to what fundamentally underlies these laws of thermodynamics. Topics include the absolute temperature scale, heat, work internal energy, entropy, Carnot engines, as well as the three laws of thermodynamics. Elementary concepts in probability and statistics and the Boltzmann Hypothesis are also discussed.

**COREQUISITE:** PHYS-3301(6).

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-3401(6) may not receive credit for this course.

**PHYS-3403(3) THERMAL PHYSICS II (Le3)** This course develops the standard methodology of statistical mechanics which strives to derive all of the classical results of thermodynamics through quantum statistical analysis. Topics included are the microcanonical ensemble, the canonical ensemble, Boltzmann's Distribution, as well as the quantum mechanical description of heat and work. Other more advanced topics in statistical mechanics are discussed depending on time.

**PREREQUISITE:** PHYS-3402(3).

**COREQUISITE:** PHYS-3301(6).

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-3401(6) may not receive credit for this course.

**PHYS-3901(3) INTERMEDIATE PHYSICS LABORATORY (La3 both terms)** This course introduces students to instrumentation in the areas of atomic and nuclear physics. Students will set up and conduct several experiments as well as formulate and present reports on their work.

**PREREQUISITE:** PHYS-2302(6)

**RESTRICTIONS:** Students who have obtained credit in PHYS-3301(6) prior to September 2001 are **not** permitted to take this course.

**PHYS-4001(6) HONOURS THESIS (P)** This course is normally taken in the final year of the honours program. Students will undertake a research program in experimental or theoretical physics under the supervision of a faculty member. An essential component of the course is the oral and written presentation of the results. Students must consult with the Department Chair and the prospective supervisor before enrolling.

**PREREQUISITE:** Permission of the Department.

**PHYS-4201(6) ELECTROMAGNETIC THEORY (Le3)** This course will develop Maxwell's equations and apply them to problems of conductors, dielectrics, and magnetic materials.

**PREREQUISITES:** PHYS-2201(6); Mathematics MATH-2101(6).

**STRONGLY RECOMMENDED:** PHYS-2105(3) and PHYS-2106(3).

**PHYS-4302(3) CONDENSED MATTER PHYSICS (Le3)**

This course deals with the physics resulting from assembling a very large number of atoms to form a macroscopic piece of a solid. The main topics are: ordering of atoms to form crystal structures, and how the crystal structures vibrate; electronic characteristics of solid insulators, semiconductors and metals; magnetic properties of solids; and how defects significantly modify the physical characteristics of solids.

**COREQUISITE:** PHYS-3301(6).

**RECOMMENDED:** PHYS-2105(3) and PHYS-2106(3).

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-4301(6) may not receive credit for this course.

**PHYS-4303(3) SUBATOMIC PHYSICS (Le3)** In this course students are introduced to the very small world of the nucleus. First nuclear properties are reviewed, and then various models for forces between nucleons are presented. Radioactive decay/nuclear reactions and detectors are considered. Various applications of nuclear physics are discussed in the areas of power plants, condensed matter physics, and medical physics. Particle physics is considered to the extent that time permits.

**COREQUISITE:** PHYS-3301(6).

**RECOMMENDED:** PHYS-2105(3) and PHYS-2106(3).

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-4301(6) may not receive credit for this course.

**PHYS-4501(6) INTRODUCTION TO GENERAL RELATIVITY (Le3)**

This course will introduce the student to the modern theory of gravitation called General Relativity. The course begins with a thorough treatment of the role of Special Relativity in mechanics and electromagnetism using four-vectors and spacetime diagrams. A short introduction to tensor analysis will then be given. Following this, the Einstein equations will be formulated and the standard solutions will be analyzed. Using these solutions the experimental tests of General Relativity will be investigated as well as astrophysical and cosmological predictions.

**PREREQUISITE:** MATH-2101(6).

**RESTRICTIONS:** Students who have obtained credit in the former PHYS-3401(3) and PHYS-4501(3) are not permitted to take this course.

**Note:** In general, the student will be expected to have or be willing to acquire a high degree of mathematical literacy. Students should consult with the instructor.

**PHYS-4601(6) QUANTUM MECHANICS II (Le3)** This is an advanced course that describes the underlying structure of quantum mechanics and its applications. Topics include general formalism, spin and angular momentum, approximation methods, and scattering theory. Various interpretations of the formalism are also discussed with emphasis on conceptual issues. The basic theory is applied to several physical problems including the fine structure of the hydrogen atom and stimulated emission in lasers.

**PREREQUISITE:** PHYS-3301(6).

**PHYS-4901(3) ADVANCED PHYSICS LABORATORY (La3 both terms)** This laboratory course familiarizes students with advanced laboratory techniques and introduces research methodologies. A selection of experiments will be chosen from the areas of electromagnetism, atomic and nuclear physics, solid state physics, theoretical physics, quantum mechanics and classic experiments in physics.

**PREREQUISITES:** PHYS-2201(6) and PHYS-3901(3)

**COREQUISITES:** PHYS-4601(6)

**RESTRICTIONS:** Students who have obtained credit in any of PHYS-3401, PHYS-4201, PHYS-4301 and/or PHYS-4601 prior to September 2002 must consult with the chair of the department before enrolling in this course.



# POLITICS (POL)

Updated Dec. 2/09

**Note: The department/program code POL replaces the former code 41. Students cannot hold credit in POL-xxxx and the former 41.xxxx having the same course number (e.g., POL-1011(6) and 41.1011(6)).**

**Chair: Professor J. Huebner;** Professors: L. Axworthy, C.P. Leo, A.G. Mills, J. Silver; Associate Professors: J. Boucher, K.M. Gibbons, J. Grace, P. Ives; Assistant Professors: S. Arnold, L. DeRiviere, T. Narozhna, S. Sampert.

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

Honours BA

Master of Public Administration (MPA)

Certificate in Public Policy and Administration

Advanced Certificate in Public Policy and Administration

## INTRODUCTION

The study of politics involves an examination of power and authority in society. It analyzes how power is organized at both the level of the state and civil society. The discipline examines the historical, social and ideological forces that shape the state, democracy, political parties, social movements, and government policies. The study of politics has been divided into a number of separate though overlapping fields such as global politics, Canadian politics, political thought, public policy and administration, urban and community politics, and comparative politics.

The Department offers the 3-Year BA, 4-Year BA, and Honours degrees as well as a Master of Public Administration (MPA) in cooperation with the University of Manitoba. Students pursuing a major or an honours degree may also graduate with a Certificate in Public Policy and Administration. Students whose Major lies in a different area will find that courses in Politics complement such areas as Economics, History and Sociology, as well as such inter-disciplinary programs as Urban and Inner City Studies and Women's and Gender Studies.

Politics graduates enter such fields as the public service, the legal profession, teaching, business administration and political activity. In addition, graduate studies in Politics open up the doors for a university academic career.

## REQUIREMENTS FOR A 3-YEAR BA IN POLITICS

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours.  
Double Major: 30 credit hours in Politics and specified number of credit hours in the other department/program.  
Students may take a maximum of 6 credit hours of Directed Reading towards their major requirement.

Required courses:

**POL-1011(6)** Introduction to Politics, minimum 2.0 GPA.  
12 to 18 credit hours at the 2000 level in Politics.  
12 to 24 credit hours at the 3000 level in Politics.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Required course:

**POL-1011(6)** Introduction to Politics, minimum 2.0 GPA.

## REQUIREMENTS FOR A 4-YEAR BA IN POLITICS

**ADMISSION REQUIREMENT** Students must consult with the Department Advisor in planning their studies  
Students must have completed at least 30 credit hours in Politics

**GRADUATION REQUIREMENT** 120 credit hours

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Social Science: 12 credit hours in Social Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum 3 credit hours from each of 5 different subjects.

## MAJOR REQUIREMENT

Single Major: Minimum 48 credit hours/Maximum 66 credit hours.  
Minimum 6 credit hours from each of four Areas of Study.  
Double Major: 48 credit hours in each Major subject as specified by the departments.  
Cognates: Minimum of 18 credit hours, maximum of 36 credit hours in related courses from one of several departments.  
Maximum total of cognate and major courses is 84 credit hours combined.  
Students may take a maximum of 12 credit hours of Directed Reading towards the major requirement.

Required courses:

**POL-1011(6)** Introduction to Politics, minimum 2.0 GPA.

**POL-2400(6)** Canadian Politics

Minimum 18 credit hours at the 2000 level in Politics.

Minimum 24 credit hours at the 3000 level in Politics.

Maximum 18 credit hours at the 4000 level in Politics

Students who have obtained at least a 3.0 GPA in previous Politics courses may substitute a maximum of 18 credit hours at the 4000 level for 3000-level courses.

Students without the required 3.0 GPA must consult the department for permission to take 4000-level courses.

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.

Required courses:

**POL-1011(6)** Introduction to Politics, minimum 2.0 GPA.

**POL-2400(6)** Canadian Politics

Minimum 3 credit hours from each of four different Areas of Study.

# REQUIREMENTS FOR AN HONOURS BA IN POLITICS

## ADMISSION REQUIREMENT

Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.5 GPA (degree GPA) in non-Honours courses.

Students must consult with and have the approval of the Department Chair or the Chair's designate in planning their course of study.

## GRADUATION REQUIREMENT

120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses.

## RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.

## GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

## HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours / Maximum 78 credit hours  
Minimum 30 credit hours in 4000-level Honours courses.  
Minimum 6 credit hours from four of the five Areas of Study.

Double Honours: Minimum 36 credit hours in each Honours subject.  
Minimum 24 credit hours in 4000-level Honours courses in Politics.  
Minimum 6 credit hours from three of the five Areas of Study.  
Students are allowed a maximum of 12 credit hours of Directed Reading toward the Honours requirement.

Required courses:

**POL-1011(6)** Introduction to Politics, minimum 2.0 GPA.

**POL-2400(6)** Canadian Politics

Recommended courses:

Students planning to proceed to graduate studies are encouraged to take **POL-4225(6)** Scope and Methods of Political Science.

## CERTIFICATE IN PUBLIC POLICY AND ADMINISTRATION

Students graduating with a Major or an Honours degree may also graduate with a Certificate in Public Policy and Administration. In order to receive a Certificate students must complete a concentration of courses in the Public Policy and Administration field as part of their Politics program.

Students graduating with an Honours degree have the option of taking additional Honours level courses in the field of Public Policy and Administration and receiving an Advanced Certificate in Public Policy and Administration. Further program details may be obtained by contacting the Chair of the Department. Students must apply to graduate with a Certificate. Application forms are available at Student Services.

**Certificate Requirements** Requirements for the program are as follows:

### a) Certificate in Public Policy and Administration:

This option is available to Major and Honours students in Politics. However, it is expected that most Honours students will opt to pursue the Advanced Certificate option.

Total Credit Hours Required: 30 credit hours  
Gateway Courses: Minimum 6 credit hours from Category 1 (Gateway Courses)  
Elective Courses: Students must take a minimum 12 credit hours from Category 2 (Elective Courses)  
Additional Courses: The remaining 12 credit hours may be taken either through additional Elective courses, or, should the student have suitable grades and standing, through courses from the Honours list.

### b) Advanced Certificate in Public Policy and Administration

This option is only available to University of Winnipeg students pursuing an Honours BA.

Total Credit Hours Required: 42 credit hours  
Gateway Courses: Minimum 6 credit hours from Category 1 (Gateway Courses)  
Elective Courses: Minimum 12 credit hours from Category 2 (Elective Courses)  
Honours Courses: Minimum 12 credit hours from Category 3 (Honours Courses)  
Additional Courses: The remaining 12 credit hours can be taken through any combination of Elective or Honours courses from the following lists. Other courses may be substituted with permission of the Chair of the Department.

## COURSES

### Category 1: Gateway Courses

All Certificate students are required to **take a minimum 6 credit hours** from the following:

POL-2300(6) Public Administration OR  
POL-2305(3) Public Administration Micro AND  
POL-2310(3) Public Administration Macro

### Category 2: Electives

All Certificate students must take a **minimum 12 credit hours** from this category

#### Politics

##### Global Politics

POL-3110(3) International Organization  
POL-3115(3) Gender and Global Politics  
POL-3120(3) International Law

##### Political Thought

POL-2206(3) Research Project Design  
POL-3225(3) Quantitative Methods in Political Science

##### Law, Public Policy and Administration

POL-2315(6) The Legal Process  
POL-3300(3) Public Policy Process  
POL-3305(3) Special Topics in Public Policy  
POL-3310(3) Health Care and Environmental Policy  
POL-3315(6) The Legal System  
POL-3320(3) Women and the Law  
POL-3335(3) Law and Biomedical Ethics

##### Canadian and Comparative Politics

POL-2405(6) Women, Gender and Politics  
POL-2410(6) Human Rights and Civil Liberties in Canada  
POL-3400(3) Aboriginal Politics in Canada  
POL-3405(3) Aboriginal Politics in Manitoba  
POL-3411(3) Aboriginal People and the Law I  
POL-3415(3) Aboriginal People and the Law II  
POL-3439(3) Politics in Manitoba

POL-3450(3) The Politics of Environmental Sustainability

##### Civil and Community Politics

POL-2500(3) City Politics  
POL-2505(3) Issues in City Politics  
POL-3500(6) Globalization and City Politics  
POL-3510(3) Interest Groups and Social Movements  
POL-3515(6) Politics of the Labour Movement

##### Economics

ECON-1104(3) Introduction to Economic Theory  
ECON-1105(6) Introduction to Political Economy in Canada

##### Conflict Resolution Studies

CRS-1200(6) Introduction to Conflict Resolution Studies  
CRS-2252(3) Conflict and Communication  
CRS-2431(3) Negotiation Theory and Practice

##### International Development Studies

IDS-2160(3) Indigenous People and the Industrial State  
IDS-2443(3) Conflict and Development Issues in Indigenous Communities  
IDS-3110(3) Poverty Focused Development  
IDS-4920(3) Program Planning, Monitoring and Evaluation

**NOTE:** Where a prerequisite exists for a course, admission of a certificate student will depend on either i) the student having fulfilled that prerequisite or ii) the relevant department waiving the prerequisite.

### Category 3: Honours Courses

Students seeking the Advanced Certificate in Public Policy and Administration are required to take **at least 12 credit hours** from this list.

		POL-4315(3)	Strategic Planning in Organizations I
		POL-4320(3)	Strategic Planning in Organizations II
<u>Global Politics</u>			
POL-4110(3)	Seminar in International Organization	<u>Canadian and Comparative Politics</u>	
POL-4115(3)	Seminar in International Law	POL-4400(6)	Seminar in Canadian Politics
		POL-4405(6)	Seminar in Manitoba Politics
<u>Political Thought</u>		POL-4410(3)	Seminar in Women in Politics
POL-4225(6)	Scope and Methods in Political Science	POL-4415(6)	State and Economy
		<u>City and Community Politics</u>	
<u>Law, Public Policy and Administration</u>		POL-4505(6)	Politics of Urban Planning
POL-4301(6)	Administrative Theory		
POL-4305(3)	Administrative Law		
POL-4310(6)	Equity and Human Resources		

### Streams within the Certificate Program:

While generally students may construct their own program, the above course offerings can be divided into a number of streams that should prove attractive to different audiences. Possible streams might include the following:

#### Aboriginal Politics and Self-Government Policy

POL-3400(3)	Aboriginal Politics in Canada
POL-3405(3)	Aboriginal Politics in Manitoba
POL-3411(3)	Aboriginal People and the Law I
POL-3415(3)	Aboriginal People and the Law II

#### Law and Public Policy

POL-2315(6)	The Legal Process
POL-2410(6)	Human Rights and Civil Liberties in Canada
POL-3315(6)	The Legal System
POL-3320(3)	Women and the Law
POL-3335(3)	Law and Biomedical Ethics
POL-3411(3)	Aboriginal People and the Law I
POL-3415(3)	Aboriginal People and the Law II
POL-4305(3)	Administrative Law

#### Urban Politics

POL-2500(3)	City Politics
POL-2505(3)	Issues in City Politics
POL-3500(6)	Globalization and City Politics
POL-4505(6)	Politics of Urban Planning

#### Women and Public Policy

POL-2405(6)	Women, Gender and Politics
POL-3115(3)	Gender and Global Politics
POL-3320(3)	Women and the Law
POL-4310(6)	Equity and Human Resources
POL-4410(3)	Seminar in Women in Politics

## GENERAL INFORMATION

### Prerequisites

Except where otherwise indicated, there are no prerequisites for 2000-level and 3000-level courses in the Department of Politics, although for 3000-level courses a previous course in politics would be beneficial. Students enrolling in Honours-level courses in the Department of Politics must have credit for at least one politics course in the relevant Area. For example, students wishing to enrol in Seminar in Global Politics (POL-4100(3)) must have at least 3 credit hours in Area 1, Global Politics.

### Changing Degree Programs

Students in the Politics Major program, or who wish to enter the Politics Major Program, may transfer from one degree program to another provided requirements are met.

### Aboriginal Self Governance Program

The Politics Department is a major participant in the Aboriginal Self Governance Program. See *Aboriginal Self Governance*.

### Graduate Studies

The Politics Department participates in the Master of Public Administration program offered jointly by the Universities of Manitoba and Winnipeg.

Students are advised to consult the Graduate Studies brochure available from the Records Office for details. The Associate Chair of the MPA program is Dr. Linda DeRiviere of the Politics Department.

Courses available for graduate credit (7000 level) are included in the Politics Course Descriptions.

### Education Students

For Education students pursuing a Teachable Minor in Politics, the following courses are recommended: POL-1011(6) Introduction to Politics; POL-2100(6) Global Politics; POL-2400(6) Canadian Politics.

## COURSE LISTINGS

The Politics Department has organized its courses into five areas of specialization. Courses are listed in numerical sequence by Area of Study. Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term, or consult with the Politics Department Chair.

<b>INTRODUCTORY</b>	
POL-1011(6)	Introduction to Politics

### AREA 1

<b>GLOBAL POLITICS</b>	
POL-2100(6)	Global Politics
POL-3105(6)	Global Political Economy
POL-3110(3)	International Organization

POL-3115(3) Gender and Global Politics  
 POL-3120(3) International Law  
 POL-3125(3) International Relations of the Middle East  
 POL-3130(3) Canada in World Affairs  
 POL-3135(6) Human Security Issues  
 POL-4100(3) Seminar in Global Politics  
 POL-4105(3) Seminar in Global Political Economy  
 POL-4110(3) Seminar in International Organization  
 POL-4115(3) Seminar in International Law  
 POL-4120(3) Seminar in Canadian Foreign Policy  
 POL-4125(3) Seminar in Middle Eastern Politics

**AREA 2  
 POLITICAL THOUGHT**

POL/PHIL- Social and Political Philosophy  
 2200(6)  
 POL-2210(6) Canadian Political Thought  
 POL-2220(6) Politics and Film  
 POL-2225(6) The Idea of Democracy  
 POL-3200(6) Early Modern Political Thought  
 POL-3205(3) Reason and Revolution  
 POL-3210(3) Politics and Art  
 POL-3215(6) Varieties of Socialism  
 POL-3220(3) Politics of Post-Modernism  
 POL-3224(3) Research Project Design  
 POL-3225(3) Quantitative Methods in Politics  
 POL-3235(6) Politics of Love and Sex  
 POL-3250(3) Violence, Hegemony and the Rise of Mass  
 Politics  
 POL-3255(3) Liberals, Marxists and Anarchists  
 POL-3260(3) Liberalism and Social Democracy  
 POL-4200(3) Feminist Political Thought  
 POL-4215(6) Seminar in Political Thought  
 POL-4220(6) Liberty and Community in Modern Canadian  
 Political Thought  
 POL-4225(6) Scope and Methods of Politics  
 POL-4230(6) Marx's Capital I

**AREA 3  
 LAW, PUBLIC POLICY AND ADMINISTRATION**

POL-2300(6) Public Administration  
 POL-2305(3) Public Administration: Micro  
 POL-2310(3) Public Administration: Macro  
 POL-2315(6) The Legal Process  
 POL-2320(3) Government-Business Relations in Canada  
 POL-3300(3) Public Policy Process  
 POL-3305(3) Special Topics in Public Policy  
 POL-3310(3) Health Care and Environmental Policy  
 POL-3315(6) The Canadian Legal System  
 POL-3320(3) Women and the Law  
 POL-3335(3) Law and Biomedical Ethics  
 POL-4301(6) Administrative Theory  
 POL-4305(3) Administrative Law  
 POL-4310(6) Equity and Human Resources  
 POL-4315(3) Strategic Planning in Organizations I  
 POL-4320(3) Strategic Planning in Organizations II  
 POL-4380(6) Special Topics Seminar in Public  
 Administration  
 POL-4385(3) Special Topics in Public Administration  
 POL-7300(3) Theory and Practice of Public Administration I

POL-7305(3) Theory and Practice of Public Administration  
 II  
 POL-7320(3) Seminar in Public Policy Process  
 POL-7325(3) Seminar in Public Policy Issues  
 POL-7380(6) Special Topics Seminar in Public  
 Administration  
 POL-7385(3) Special Topics in Public Administration

**AREA 4  
 CANADIAN AND COMPARATIVE POLITICS**

POL/AG/UIC-2020(3) Colonization and Aboriginal Peoples  
 POL-2400(6) Canadian Politics  
 POL-2405(6) Women, Gender and Politics  
 POL-2410(6) Human Rights and Civil Liberties in Canada  
 POL-2415(6) The Politics of Racism  
 POL-3400(3) Aboriginal Politics in Canada  
 POL-3405(3) Aboriginal Politics in Manitoba  
 POL-3411(3) Aboriginal People and the Law I  
 POL-3415(3) Aboriginal People and the Law II  
 POL-3421(3) The Canadian Political Economy Tradition  
 POL-3436(6) United States Politics  
 POL-3439(3) Politics in Manitoba  
 POL-3445(3) Political Transformation in Post Cold-War  
 Central Europe  
 POL-3450(3) Sustainability and Environmental Politics  
 POL-3455(6) Politics and the Mass Media  
 POL-4400(6) Seminar in Canadian Politics  
 POL-4405(6) Seminar in Manitoba Politics  
 POL-4410(3) Seminar in Women in Politics  
 POL-4415(6) State and Economy  
 POL-4440(6) Seminar in Aboriginal Politics

**AREA 5  
 CITY AND COMMUNITY POLITICS**

POL-2010(3) Politics in the Inner City  
 POL-2500(3) City Politics  
 POL-2505(3) Issues in City Politics  
 POL-2510(6) Community Politics  
 POL-3500(6) Globalization and City Politics  
 POL-3505(6) Urban Politics Workshop  
 POL-3510(3) Interest Groups and New Social Movements  
 POL-3515(6) Politics of the Labour Movement  
 POL-3520(3) Community Democracy in a Global Age  
 POL-4505(6) Politics of Urban Planning  
 POL-4510(3) Law and the Politics of Social Change  
 POL-4515(6) Inner City Seminar  
 POL-7505(6) Politics of Urban Planning

**HONOURS THESIS AND DIRECTED READINGS**

POL-3600(6) Directed Readings  
 POL-3605(3) Directed Readings  
 POL-4600(6) Directed Readings  
 POL-4605(3) Directed Readings  
 POL-4610(6) Honours Thesis  
 POL-7331(6) Directed Readings in Public Administration  
 POL-7335(3) Directed Readings in Public Administration

**Note: The second digit is the area number.**

## COURSE DESCRIPTIONS

**POL-1011(6) INTRODUCTION TO POLITICS (Le3)** A study of the modern state with particular reference to the ideas, principles and institutions of democratic government; the democratic tradition, its origin and development; constitutions, federal and unitary; representative institutions; the law making process; civil liberties; public opinion, its formulation and expression through political parties and pressure groups; executive government and totalitarianisms; normative, empirical and behavioural theory may be used in treating these subjects.

**POL-2010(3) POLITICS IN THE INNER CITY (Le3)** This course introduces students to political problems and political strategies regarding the inner city. It includes an examination of City Hall, parliamentary politics of the provincial and

federal levels as it affects the inner city, and various electoral and non-electoral strategies that can be adopted to advance the interests of inner-city residents.

**POL-2020(3) COLONIZATION AND ABORIGINAL PEOPLES (Le3)** This course examines the Aboriginal colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Aboriginal peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.

**CROSS-LISTED:** AG-2020(3) AND UIC-2020(3).

**POL-2100(6) GLOBAL POLITICS (Le3)** An introductory study of the theory and practice of global politics, focussing on the problem of controlling force and securing order in International Affairs and including the historical attempt to realize collective security in the practice of the League of Nations and the United Nations. Special political, diplomatic, military and economic developments since the Second World War are also considered.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-2123(6).

**POL-2200(6) SOCIAL AND POLITICAL PHILOSOPHY (Le3)** A critique of attempts to give ethical justification for social institutions and practices. Why should one obey the state? When is disobedience justified? Are there any inalienable and absolute human rights? What are the conditions and limits of liberty? Why and when is it moral to punish? Is free enterprise consistent with principles of justice? Is it ever right to engage in war? Readings will include the work of some of the following: social contract theorists, utilitarians, Hegelians, Marxists, existentialists, and analytic philosophers.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-2205(6).

**CROSS-LISTED:** Philosophy PHIL-2200(6).

**POL-2220(6) POLITICS AND FILM (L3, La2)** Film is one of the most exciting and complex art forms. This course seeks to enrich students' experience and understanding of movies, to see them as complex cultural creations that embody political and social meanings and not simply as entertainment. Various theoretical approaches to film are examined as well as topics connected to the particular films viewed. Topics may include images of women in film, racial politics, the politics of Hollywood cinema, the slave in film, homosexuality in the movies, and conventions of realism.

**POL-2225(6) THE IDEA OF DEMOCRACY (L3)** Democracy is a political idea that we often take for granted. Yet democracy has always been and continues to be the subject of great controversy. For example, some of the founders of political theory -- Plato and Aristotle -- were fierce critics of democracy. This course examines the complex and controversial history of the idea of democracy. We look at some of the major thinkers who have grappled with the concept of democracy. In addition, the course may examine some of the political movements that have been identified with the idea of democracy, for example, trade unionism, socialism, feminism, and anti-globalization activism.

**POL-2300(6) PUBLIC ADMINISTRATION (Le3)** A general survey of the major areas of public administration. Basic terminology and concepts are introduced. The course begins with organization theories and proceeds to such areas as leadership, decision-making, communications, personnel administration, policy-planning and budgeting, and the relationship between public administration and politics.

**RESTRICTIONS:** May not be taken for credit by those holding credit for POL-2305(3), POL-2310(3) or the former POL-2326(6), POL-2327(3) or POL-2328(3).

**POL-2305(3) PUBLIC ADMINISTRATION: MICRO (Le3)** This course begins with an examination of the structures of public administration, to familiarize the student with how governmental machinery operates. It then proceeds to traditional and contemporary management theory and current issues such as employment equity and drug testing in the workplace. The final part of the course examines internal controls over the machinery, such as objective and subjective responsibility, central agencies, auditors and codes of ethics.

**RESTRICTIONS:** Students may not receive credit for both this course and POL-2300(6) or the former POL-2326(6), or POL-2327(3).

**POL-2310(3) PUBLIC ADMINISTRATION: MACRO (Le3)** This course begins with an examination of the major structures of public policy making, such as Cabinet, Privy Council Office, departments etc. It then proceeds to theories

of policy making, including budgeting, comparing, for example, public choice theory and neo-pluralist theory. Next are policy instruments such as spending and taxation, privatization, crown corporations, etc. The course ends with discussion of external oversight of policy making, such as Ombudsmen, media, courts and general public.

**RESTRICTIONS:** Students may not receive credit for both this course and POL-2300(6) or the former POL-2326(6), or POL-2328(3).

**POL-2315(6) THE LEGAL PROCESS (Le3)** The course is designed as an introduction to the law as a social institution. The aim is primarily to focus on law as a socio-political reality and examine fundamental questions about its role. The course will also provide factual knowledge about various aspects of law, both civil and criminal.

**RESTRICTIONS:** Students may not receive credit for both courses and the former POL-2440(6).

**POL-2320(3) GOVERNMENT-BUSINESS RELATIONS IN CANADA (Le3)** This course critically examines the relationship between business and government. State regulation of the economy is a significant element of public policy. Consequently, business and business groups are important political actors seeking to influence the shape and direction of public policy. This course examines that relationship and various mechanisms by which business seeks to influence the state.

**POL-2400(6) CANADIAN POLITICS (Le3)** This course offers a general introduction to the study of Canadian politics, including an analysis of political culture, political parties, federalism, continentalism, regionalism, and political institutions.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-2430(6).

**POL-2405(6) WOMEN, GENDER AND POLITICS (Le3)** This course examines the gendered nature of politics and the state and women's participation in politics. This will include examining explanations for the lack of women's participation in formal political institutions, their active participation in social movements and interest groups, and the ways in which different women, including women of colour, women with disabilities, rural women, lesbian women and others, participate in political life. The course will include Canadian, comparative and international examples

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-2429(6).

**POL-2410(6) HUMAN RIGHTS AND CIVIL LIBERTIES IN CANADA (Le3)** This course examines the concepts of human rights and civil liberties. It will incorporate a case study approach in some areas. The course will include an examination of several approaches and concepts of human rights and civil liberties. It also includes an emphasis on selected topics such as: biological rights, rights of children, criminal law in the civil rights context, aboriginal rights and equality rights. The course is very strongly oriented towards Canadian problems, laws and institutions.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-2450(6)

**POL-2415(6) THE POLITICS OF RACISM (Le3)** This course analyzes contradictions that emerge in the ideology and political practices of the liberal state in its approach to issues of racism. The concept of racism is introduced through an analysis of its individual, institutional, systemic and organized forms. Using documentation from cases in Canada, the United States, Germany, and other countries, the course examines state measures to combat racism, makes use of case studies of state facilitation of the aims of organized racism, and examines activist methods used to counter organized racism and its state facilitation. The intersection of the state and the field of racism is examined as well through analyses of cases involving state security and intelligence services.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-2431(3).

**POL-2500(3) CITY POLITICS (Le3)** This course is an introduction to political decision-making in cities, how it is organized and how citizens as well as local, provincial and national politicians and administrators operate both within the formal decision-making machinery and outside of it to help make the city what it is.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-2320(3) or POL-2325(6).

**POL-2505(3) ISSUES IN CITY POLITICS (Le3)** This course discusses such issues as central city decay, suburban sprawl, concentration of poverty, urban expressway development, and loss of neighbourhood identity. It also examines the political forces acting to cause problems, to neglect them, or to solve them. The focus is on the dynamics of city development and decay, and the political organization and action influencing those dynamics.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-2321(3) or POL-2325(6).

**POL-2510(6) COMMUNITY POLITICS (Le3, P)** This course examines several different forms of community political involvement, including neighbourhood or community organizing, electoral organizing, union organizing, and non-violent direct action. In each case students will be introduced to the relevant literature; in many cases this will be supplemented by guest speakers with practical experience. The course will also introduce students to some of the practical tools of effective citizen involvement in community politics. Some examples might include starting or working with a community media project; or using forms of popular culture such as music and theatre as political tools. There will be a strong but not exclusive emphasis on community politics in Winnipeg's inner city.

**RESTRICTIONS:** Students may not receive credit for both this course or the former POL-2410(6).

**POL-3105(6) GLOBAL POLITICAL ECONOMY (Le3)** This course will provide an introduction to the theories and methods of global political economy and a study of the application of these to areas such as militarization; north-south relations; globalization of production; trade and finance regimes; gender and ecological questions. **RESTRICTION:** Students may not receive credit for both this course and the former POL-3133(6).

**POL-3110(3) INTERNATIONAL ORGANIZATION (Le3)** This course will examine the origin, growth, activities and influence of modern international organizations in international security, economic, development and social issues. The course will focus on the United Nations, its significant specialized agencies, the European Union, other contemporary organizations, and the prospects of One World Government.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3134(3). Students with credit in either POL-4110(3) or the former POL-4134(3) need Instructor's permission to take this course.

**POL-3115(3) GENDER AND GLOBAL POLITICS (Le3)** This course examines a variety of feminist interventions in the area of International Relations or Global Politics. It will consider feminist analyses of conflict and cooperation, global political economy, international organizations and law, and foreign policy, together with feminist theoretical alternatives.

**RESTRICTIONS:** May not be taken for credit by those who have credit for the former POL-3135(3) or POL-3135(6).

**POL-3120(3) INTERNATIONAL LAW (Le3)** This course deals with the nature of international law in society, the universality of international law, the state and other international persons, sovereignty and equality, recognition of governments and states, civil war and intervention, war and neutrality.

**RESTRICTIONS:** Students with credit in POL-4115(3) or the former POL-4137(3) need Instructor's permission to take this course. May not be taken for credit by those with credit for the former POL-3137(3).

**POL-3125(3) INTERNATIONAL RELATIONS OF THE MIDDLE EAST (Le3)** This course studies historical and political forces leading up to the present political climate of the Middle East. The course will focus upon the political, economic, and social conditions which influence the conduct of politics in the Arab States, relations between the Arab states and Israel, and the policies of the Great Powers in that area.

**PREREQUISITES:** POL-2100(6) or the former POL-2123(6) or permission of instructor.

**RESTRICTIONS:** May not be taken for credit by those who have credit for the former POL-3140(3) or POL-3140(6).

**POL-3130(3) CANADA IN WORLD AFFAIRS (Le3)** This lecture/seminar course will explore differing explanations of Canadian actions in global politics and examine specific areas such as foreign economic and trade policies, military and security policies, and policies towards different regions of the world.

**RESTRICTIONS:** May not be taken by those with credit for the former POL-3142(3) or POL-3142(6).

**POL-3135(6) HUMAN SECURITY ISSUES (Le3)** This course critically explores human security issues from a theoretical perspective. It will also examine the practical challenges of peace building measures. The course will explore the meaning, significance, and interdependence of human security issues such as sustained economic growth, sustainable development, respect for human rights and basic freedoms, the primacy of the rule of law and good government. The premise of the course is that the critical examination of human security issues is key to the achievement of lasting global stability. Global security is as dependent on human security as it is on the more traditional areas such as arms control.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3143(6).

**POL-3200(6) EARLY MODERN POLITICAL THOUGHT (Le3)** This course will examine political thought of the 16<sup>th</sup> and 17<sup>th</sup> centuries. The ideas of thinkers such as Machiavelli, More, Bodin, Bacon, Locke, Hobbes, Harrington and Pufendorf will be studied. In addition, attention will be paid to the major cultural, economic, and political movements which shaped these centuries: the Renaissance, the Reformation, the Scientific Revolution, the decline of feudalism, and the rise of capitalism.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3233(6) or POL-3234(3).

**POL-3205(3) REASON AND REVOLUTION (Le3)** Reason and revolution are ideas central to contemporary politics. This course explores their roots in 18<sup>th</sup> century Europe. Enlightenment thinkers argue that society can be reorganized based on reason, freedom and equality. Counter-enlightenment thinkers argue that such attempts often degenerate into the type of violence and terror evident in the French Revolution. This course explores these issues in the writings of thinkers such as Immanuel Kant, Jean-Jacques Rousseau, Edmund Burke, Mary Wollstonecraft, Thomas Paine and others.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3235(3).

**POL-3210(3) POLITICS AND ART (Le3)** This course will examine political expression in the visual, performing and literary arts. The course treats various forms of art as cultural documents which provide insight into the political ideas and political culture of society.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3236(3).

**POL-3215(6) VARIETIES OF SOCIALISM (Le3)** The course will consist of an examination of theoretical perspectives and their adaptation to situations and cultural contexts. Investigation will range over African and Asian as well as European interpretations of socialism.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3238(6).

**POL-3220(3) POLITICS OF POST-MODERNISM (Le3)**

This course will examine a selection of the precursors, proponents and critics of post-modern political thought such as Nietzsche, Foucault, Rorty, Lyotard, Jameson, Butler, Habermas, Derrida and Baudrillard. This course will focus on the politics generated by post-modernism. Among the questions to be considered are: What is modernism? What is post-modernism? What are the potential effects of a post-modern perspective on political theory and political practices? How has post-modernism influenced feminism and new social movements more generally?

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3738(3).

**POL-3224(3) RESEARCH PROJECT DESIGN (Le3)**

This is a basic course in research design, intended for beginners. It includes, but is not limited to, research design and evaluation, measurement, sampling, data collection methods, elementary data analysis, research ethics, and reporting results.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-2206(3).

**POL-3225(3) QUANTITATIVE METHODS IN POLITICS (Le3)**

An introduction to quantitative methods of political inquiry, this course will examine and apply standard methods of data analysis. These include basic statistical techniques, the use of computer programs for analysing data and generating statistics, and the interpretation of statistical results. It is a follow up to the Project Design course.

**PREREQUISITES:** POL-2206(3) or the former POL-2247(3) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-3247(3) or POL-4247(6).

**POL-3230(6) CANADIAN POLITICAL THOUGHT (Le3)**

The course examines the historical development and political expression of major Canadian ideologies: conservatism, liberalism, socialism, English-Canadian nationalism, and nationalism in Quebec politics.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-2261(6).

**POL-3235(6) POLITICS OF LOVE AND SEX (L3)**

This course offers students the opportunity to study political thought through the prism of love and sex. Students are introduced to some of the central thinkers in the Western canon (such as Plato, Augustine, Rousseau, and Wollstonecraft). We consider the complexity and persistence of problems for human society related to love and sexuality. In addition, the course allows for a close examination of current controversies revolving around these human passions, such as gender relations, pornography, homosexual marriage, and prostitution.

**POL-3250(3) VIOLENCE, HEGEMONY AND THE RISE OF MASS POLITICS (Le3)**

The 20<sup>th</sup> Century has been called the age of extremes, one of the most violent in our world's history. It witnessed two world wars, the rise of fascism, the cold war, massive decolonization, universal suffrage and the advent of mass politics and globalization. This course explores political philosophies shaped during these events. Thinkers considered include Rosa Luxemburg, V.I. Lenin, Antonio Gramsci, Friedrich von Hayek, Isaiah Berlin, Hannah Arendt, members of the Frankfurt School and Frantz Fanon. We concentrate on problems faced by democracy in mass society; violence, nationalism, hegemony and freedom.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-4238(3) or POL-4210(3).

**POL-3255(3) LIBERALS, MARXISTS AND ANARCHISTS (Le3)**

The 19<sup>th</sup> century witnessed the birth of many of the political ideas that shape our world, from J.S. Mill's liberalism to Marx and Engel's communism, including Nietzsche and the Anarchists. This course places thinkers and movements such as these within their historical context and shows how their ideas are relevant in today's world.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-4237(3) or POL-4205(3).

**POL-3260(3) LIBERALISM AND SOCIAL DEMOCRACY (Le 3)**

This course examines the crucial revision of socialism to take account of freedom, the welfare state, democracy and regulation rather than public ownership. It will examine the ideas of Bernstein, Hobhouse, Crosland, Karlsson and Giddens. It deals with similar themes in the Canadian political context, especially the ideas of Frank Scott and Pierre Elliott Trudeau.

**POL-3300(3) PUBLIC POLICY PROCESS (Le3)**

The focus of this course is the interplay of politics and the public policy process, with concentration on theories of policy-making, actors in the policy process, and institutions and structures in the policy process. The role of interest groups, political parties, governmental organizations and the like are among the subjects to be examined.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-3331(3).

**POL-3305(3) SPECIAL TOPICS IN PUBLIC POLICY (Le3)**

The focus of this course will change from year to year, according to the interests of faculty and students. Its general purpose is to permit advanced undergraduate students to examine specific issues in public policy, especially those which are of contemporary interest but are not the subject of a routinely offered course.

**RESTRICTIONS:** The course may be repeated only when the topic varies.

**POL-3310(3) HEALTH CARE AND ENVIRONMENTAL POLICY (Le3)**

This course focuses on problems which occur in implementing and administering health and environmental policy change at the federal and provincial levels. The health care component emphasizes the regionalization of services delivery and the expansion of community based primary care. The environmental component emphasizes regulatory problems associated with existing legislation in environmental and population health areas.

**RESTRICTIONS:** Students may not receive credit for both this course and POL-3305(3) or the former POL-3332(3), or POL-3333(3).

**POL-3315(6) THE CANADIAN LEGAL SYSTEM (Le3)**

An examination of the structure and functioning of the legal system in Canada, including such topics as: the historical background of British and Canadian law; the Canadian constitution and its prescription for federal and provincial jurisdictions; the nature and limits of executive, legislative and judicial powers; the distinction between common law and statute law; the various fields of law, e.g., criminal, domestic, contract and torts; civil rights and human rights; the administration of justice.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3428(6).

**POL-3320(3) WOMEN AND THE LAW (Le3)**

This course will focus on a number of aspects relative to women and the law in Canada. The course will include the following: (1) women within the legal system, e.g., as judge, lawyer, victim and offender; (2) a study of the various laws which affect women either directly or indirectly, examination of existing legislation and review of case law; (3) discussion of various agencies (primarily those which are legislated) which influence the lives of women. Some areas of law which may be reviewed will include domestic, criminal, estates, labour, human rights, pensions and day care.

**RESTRICTIONS:** May not be taken for credit by those who have credit for the former POL-3429(3) or POL-3429(6).

**POL-3335(3) LAW AND BIO-MEDICAL ETHICS (Le3)**

This course emphasizes the relationship between biomedical ethics and law. In dealing with such topics as informed consent, definition of death, euthanasia, and reproductive choice, it raises relevant ethical issues and then relates these to such things as provisions in law, legal precedents, trends in judicial decisions and other legal constraints affecting bio-medical ethical matters.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3430(3).



**POL-3400(3) ABORIGINAL POLITICS IN CANADA (Le3)** This course examines the evolution of Canadian policy on aboriginal peoples, and in particular The Indian Act. It considers the development of aboriginal political organizations, and current struggles around land claims and self-government.

**RESTRICTIONS:** Students may not receive credit for this course and the former POL-3433(3).

**POL-3405(3) ABORIGINAL POLITICS IN MANITOBA (Le3)**

This course examines selected political issues of importance to aboriginal peoples in Manitoba. Topics may include self-government, northern development, urbanization, aboriginal women, land claims, Metis claims, and others.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3434(3).

**POL-3411(3) ABORIGINAL PEOPLE AND THE LAW I (Le3)**

This course begins with an examination of the constitutional status of Canadian native people, from the Royal Proclamation of 1763 to the Charter of Rights and Freedoms. It includes discussions of both federal and provincial powers and responsibilities in regard to native people and also of native government. Specific topics addressed will include, but not be limited to, native land rights, hunting, taxation, young offenders and child and family law.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3426(3).

**POL-3415(3) ABORIGINAL PEOPLE AND THE LAW II (Le3)**

This course focuses on initiatives undertaken to make the Canadian justice system more compatible with aboriginal cultures and needs. It includes, but is not limited to, issues such as cultural genocide, treaty rights, and extinction and socio-economic developments such as sentencing circles, mediation in child welfare, separate school boards, the Northern Flood Agreement and the creation of Nunavut.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3427(3).

**POL-3421(3) THE CANADIAN POLITICAL ECONOMY TRADITION (Le3)**

This course examines the distinctive political economy tradition that has emerged in Canada. Concepts studied will include, among others, class, gender, ethnicity, regionalism, dependency, staples, continentalism, and nationalism.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3425(3).

**POL-3436(6) UNITED STATES POLITICS (Le3)**

This course is a study of the United States' political system, including topics such as American political culture, political groups and parties, elections, formal political institutions and policies and trends.

**PREREQUISITES:** POL-1011(6) or POL-2300(6) or POL-2305(3) or POL-2400(6) or the former POL-2326(6), POL-2427(3), or POL-2430(6) or permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3437(6) or POL-3438(3).

**POL-3439(3) POLITICS IN MANITOBA (Le3)**

This course seeks to describe and explain changes in the political culture, political economy and political institutions of Manitoba. Topics may include different approaches to Manitoba politics; political parties in Manitoba; voting patterns in Manitoba; social class, ethnicity and cultures in Manitoba; federal-provincial relations and their impact upon Manitoba.

**RESTRICTIONS:** May not be taken for credit by those who have credit for POL-4405(6) or the former POL-3432(3) or POL-4430(6).

**POL-3445(3) POLITICAL TRANSFORMATION IN POST COLD WAR CENTRAL EUROPE (Le3)**

The collapse of Communism in 1989 was an event of world-historical importance. It ended the Cold War and, with the removal of Soviet hegemony allowed countries in central and eastern Europe to pursue political pluralism and economic markets. The transition has been a time of difficult adjustment. This course will examine the political economy of transition in

central Europe with special emphasis upon the process of transition in the Czech Republic.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3435(3).

**POL-3450(3) SUSTAINABILITY AND ENVIRONMENTAL POLITICS (Le3)**

In 1987 the concept of 'sustainable development' was popularized by the Brundtland Commission's Report. Since that time, the term has been used and abused in a great variety of contexts worldwide. The course will examine the measures and implications of this concept as it impinges on virtually every policy area in Canada. Specific areas to be examined may include, but will not be limited to, the following: Green politics and capitalism, Canadian Round Tables, values and sustainability, international impacts, urbanization, the welfare state, and the role of women.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3420(3).

**POL-3455(6) POLITICS AND THE MASS MEDIA (Le3)**

This course will study media ownership and organization patterns; it will examine the state of research on mass communications and investigate the role of the media in creating and shaping political awareness. Examples of topics which may be covered are: the media in the electoral process, the media in developing nations, propaganda, the "wired city" and its possible effects on the political process

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3424(6).

**POL-3500(6) GLOBALIZATION AND CITY POLITICS (Le3)**

This course studies the process of globalization and its impact on urban politics. The growing power and world-wide mobility of corporations and money mean that important questions affecting cities are being decided in distant capitals. At the same time, national, provincial and local governments, as well as local communities, are responding to these developments. The course examines these political struggles.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3325(6).

**POL-3505(6) URBAN POLITICS WORKSHOP (Le3)**

An interdisciplinary investigation of urban issues such as housing, transportation, welfare, planning and new community development, translating various analytical techniques into practical research terms conducted on an individual or group basis. There will be certain major areas of examination, e.g. housing and neighbourhood improvement, selected each year.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-3328(6).

**POL-3510(3) INTEREST GROUPS AND NEW SOCIAL MOVEMENTS (Le3)**

This course examines the roles of interest groups and social movements in influencing and shaping public policy. The course explores the concept of participation and representation by examining the organization of interests outside of mainstream political parties. The methods by which interest groups and social movements organize themselves, and, in particular, issues of democracy and accountability within these organizations, will be explored. Topics include theoretical perspectives on new social movements, as well as the experiences of workers' movements, women's movements, anti-poverty movements, environmental movements and the role of corporations and economic interest groups.

**POL-3515(6) POLITICS OF THE LABOUR MOVEMENT (Le3)**

This course is an introduction to the politics of the labour movement. The course includes a brief historical treatment of the trade union movement in Canada and its evolving relationship with political parties and the state. It examines the structure and operation of varying types of trade unions, the process of employee unionization, the workings of the Labour Board, the process of collective bargaining, grievance procedures, and the legal framework within which industrial relations are carried on. The course

considers the changing context for trade unionism in the 20<sup>th</sup> century and the challenges facing the labour movement in the 21<sup>st</sup> century.

**POL-3520(3) COMMUNITY DEMOCRACY IN A GLOBAL AGE (Le3)** Our democratic institutions, for the most part inherited from the 19<sup>th</sup> century, are challenged in the 21<sup>st</sup> century by global markets and corporate mobility. This course explores the effect of globalization on our democratic institutions. While globalization may undermine our democratic institutions, social movements increasingly demand new forms of democratic practice. This course explores the claims of social movements for local/direct democracy and possible solutions to the "crisis" of democracy.

**POL-3600(6) DIRECTED READINGS (D)** A directed reading is an individual course of study arranged in consultation with a departmental supervisor. It is open to third year General and third and fourth year Honours students. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.  
**PREREQUISITES:** Permission of the instructor.

**POL-3605(3) DIRECTED READINGS (D)** A directed reading is an individual course of study arranged in consultation with a departmental supervisor. It is open to third year General and third and fourth year Honours students. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.  
**PREREQUISITES:** Permission of the instructor.

**POL-4100(3) SEMINAR IN GLOBAL POLITICS (S3)** This course will involve an intensive study of selected contemporary issues in international relations. A part of the course will also focus on historical and contemporary methodological approaches to the study of international relations, and the application of some of these to an analysis of the problems of international order.  
**PREREQUISITES:** One 3 credit hour course in Area 1, Global Politics, or permission of instructor.  
**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4123(3), POL-4145(6) or 4145(3).

**POL-4105(3) SEMINAR IN GLOBAL POLITICAL ECONOMY (S3)** This course is a study of current topics and problems in the global political economy such as the intersection of political, military and economic structures and policies in the internationalization of production and the Third World debt crisis; links between militarization and production; regionalization of the global political economy; American hegemony in the global political economy; the role of Japan in the global political economy; Eastern Europe in the global political economy; and other topics to be determined in consultation with students.  
**PREREQUISITES:** One 3 credit hour course in Area 1, Global Politics, or permission of instructor.  
**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4133(3).

**POL-4110(3) SEMINAR IN INTERNATIONAL ORGANIZATION (S3)** This course is a study of international institutions and the processes of international cooperation. Special emphasis will be placed on the League of Nations; the United Nations Organization and its specialized agencies; and regional arrangements such as the European Economic Community, the Commonwealth and the North Atlantic Treaty Organization.  
**PREREQUISITES:** One 3 credit hour course in Area 1, Global Politics, or permission of instructor.  
**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4134(3).

**POL-4115(3) SEMINAR IN INTERNATIONAL LAW (S3)** This course is a study of current topics and problems in international law such as: the use of international law for resolving conflicts or creating security; the sources of

international law; environmental protection and management through international law; international human rights law; gender issues in human rights law; cultural relativism of international law; law of space; impact of technology on international law; and other topics to be determined in consultation with students.

**PREREQUISITES:** One 3 credit hour course in Area 1, Global Politics, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4137(3).

**POL-4120(3) SEMINAR IN CANADIAN FOREIGN POLICY (S3)** This course will examine specific areas of Canadian foreign policy. These may include, but are not limited to, policies related to trade and environment, development assistance, defence, refugees and immigration, or policies related to specific regions.

**PREREQUISITES:** One 3 credit hour course in Area 1, Global Politics, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4142(3) or POL-4142(6).

**POL-4125(3) SEMINAR IN MIDDLE EASTERN POLITICS (S3)** The course will involve an intensive study of selected contemporary issues in Middle Eastern politics both at the national and/or international levels.

**PREREQUISITES:** POL-3125(3) or the former POL-3140(3) or POL-3451(3) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4140(3) and POL-4140(6).

**POL-4200(3) FEMINIST POLITICAL THOUGHT (S3)** This course will be an inquiry into feminist political thought. It will consider both historical and contemporary writers of importance to feminist political theory. The basic aims of the course are two: first, to consider feminist political theory's critical perspective on the classical canon of political thought; and second, to discuss contemporary feminist political theories, including liberal, marxist, gynocentric and post-modern feminist thinkers.

**PREREQUISITES:** One 3 credit hour course in Area 1, Political Thought, or PHIL-2205(6) or WOM-3232(6), or permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4236(3).

**POL-4215(6) SEMINAR IN POLITICAL THOUGHT (S3)** This course examines a range of current issues in political theory. Topics covered may include issues related to globalization, debates about multiculturalism, civil society, and the viability of democracy and sovereignty in the 21<sup>st</sup> century.

**PREREQUISITES:** One 3 credit hour course in Area 2, Political Thought, or PHIL-2205(6) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4215(3) or POL-4240(3).

**POL-4220(6) LIBERTY AND COMMUNITY IN MODERN CANADIAN POLITICAL THOUGHT (S3)** This course will examine the confluence and tension of freedom and community in the thought of six modern Canadian thinkers: Woodsworth, Scott, Trudeau, Macpherson, Taylor and Grant. **PREREQUISITES:** One 3 credit hour course in Area 2, Political Thought, or PHIL-2205(6) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4239(6).

**POL-4225(6) SCOPE AND METHODS OF POLITICAL SCIENCE (S3)** The course offers an analysis of the interrelationship among philosophy, theory and method in contemporary Politics. Emphasis in the course will be placed on the development of theoretical principles of political inquiry and the critical analysis of a variety of theoretical approaches commonly employed in Politics, such as behaviouralism, systems theory, class analysis, socialization theory and others.

**PREREQUISITES:** One 3 credit hour course in Area 2, Political Thought, or PHIL-2205(6) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4246(6).

**POL-4230(6) MARX'S CAPITAL 1 (S3)** This course will be devoted to the careful study of volume I of Marx's *Capital*, the cornerstone of Marx's economic and political thought. Students also read a variety of commentators on *Capital*.

**POL-4301(6) ADMINISTRATIVE THEORY (S3)** An examination of the theoretical basis for the "administrative state", including such problems as the relationship of political values to administrative decisions, the role of the career civil service in governmental policy formation, the relationship between administrative officials and private interest groups, and the protection of individual rights against administrative abuses. Attention will be given to North American and European techniques and institutions designed to achieve democratic control of administrative action.

**PREREQUISITES:** One 3 credit hour course in Area 3, Law, Public Policy and Administration, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4338(6).

**POL-4305(3) ADMINISTRATIVE LAW (S3)** The general focus of this seminar is the administrative state and the citizen's legal relationship to it. While Canada is the primary concern, examples of administrative law in other countries will be included. Specific topics to be pursued will include the regulatory function of governments, rule-making and adjudicative bodies other than parliament and the courts, judicial oversight of administrative boards and tribunals, and the impact of administrative law on the civil and human rights of Canadians.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4339(6).

**POL-4310(6) EQUITY AND HUMAN RESOURCES (S3)** This course will examine the theory and practice of, and major public policy equity issues in, human resource administration. It will investigate human rights in relation to the personnel process. It will also analyse employment discrimination theory, U.S. and Canadian legislation and jurisprudence, contract compliance and compensation. The theory, legislation, planning and execution of these programs will be examined from a public and private sector organizational perspective. Topics may include human resource administration and the Charter, pay equity administration, sexual harassment, and human resource administration and government regulation.

**PREREQUISITES:** One 3 credit hour course in Area 3, Law, Public Policy and Administration, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4340(6).

**POL-4315(3) STRATEGIC PLANNING IN ORGANIZATIONS I (S3)** This course will examine the fundamentals of strategy, the balancing of ends and means. It will also explore the art and practice of strategy. The primary approach will be comparative analysis. It will examine the importance and significance of key strategic concepts such as strategic culture, the various uses of strategy in various environments, as well as the limits of strategic analysis. Many contemporary conditions in numerous environments require strategic analysis. An understanding of strategy will also assist in the understanding of the impact of policy in relation to policy outcomes.

**PREREQUISITES:** One 3 credit hour course in Area 3, Law, Public Policy and Administration, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4341(3).

**POL-4320(3) STRATEGIC PLANNING IN ORGANIZATIONS II (S3)** This course will examine the fundamentals of strategic planning in organizations. The primary approach will be comparative. It will explore the importance and significance of key concepts such as the limits of strategic planning in organizations, organizational culture and strategy, and the various uses and misuses of strategic planning in organizations. **PREREQUISITES:** POL-

4315(3) or the former POL-4341(3) or permission of instructor.

**POL-4380(6) SPECIAL TOPICS SEMINAR IN PUBLIC ADMINISTRATION (S3)** The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when topic varies.

**POL-4385(3) SPECIAL TOPICS IN PUBLIC ADMINISTRATION (S3)** The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when the topic varies.

**POL-4400(6) SEMINAR IN CANADIAN POLITICS (S3)** This seminar examines selected aspects of Canadian politics. These may include, but are not necessarily limited to political power, culture, ideologies, parties, institutions, political economy, the constitution, federalism, regionalism and Canada-US relations.

**PREREQUISITES:** POL-2400(6) or the former POL-2430(6) or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4420(6).

**POL-4405(6) SEMINAR IN MANITOBA POLITICS (S3)** This course analyzes selected aspects of the political process and of public administration in the Province of Manitoba. Topics may include political party organization and ideology; public sector management; the politics and administration of northern development, social welfare, education, health care, and other issues of provincial importance. A seminar format will be adopted, and public officials will be invited to offer insights built on practical experience.

**PREREQUISITES:** One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4430(6).

**POL-4410(3) SEMINAR IN WOMEN IN POLITICS (S3)** The course will be an examination of the role of women in politics. It will concentrate on a particular aspect of political life such as women in revolution, women and electoral politics, feminist politics.

**PREREQUISITES:** One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4431(3).

**POL-4415(6) STATE AND ECONOMY (S3)** This course is an interdisciplinary investigation into the nature of the relationship of the government to the economy in modern times. The course emphasizes the economic implications of government policy and is primarily concerned with Canada.

**PREREQUISITES:** One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and the former POL-4443(6).

**POL-4440(6) SEMINAR IN ABORIGINAL POLITICS (S3)** This seminar examines selected aspects of Aboriginal Politics. Topics may include issues of self-governance and band management, issues facing aboriginal people in urban settings, gender in aboriginal communities, social policy issues, resource management issues, the politics of aboriginal organizations, and land claim and treaty negotiations.

**PREREQUISITES:** One 3 credit hour course in Area 4, Canadian Politics or permission of the instructor.

**POL-4505(6) POLITICS OF URBAN PLANNING (S3)** This course is a study of the political objectives that can be achieved through urban planning as well as the political restraints upon planning. The course adopts a comparative perspective, looking at the politics of planning in selected countries. It also considers the involvement of various levels of government in urban planning.

**PREREQUISITES:** One 3 credit hour course in Area 5, City and Community Politics, or permission of instructor.

**RESTRICTIONS:** Students may not receive credit for both this course and POL-7505(6) or the former POL-4334(6) or POL-7335(6).

**POL-4510(3) LAW AND POLITICS OF SOCIAL CHANGE (S3)** This course examines the use of law as a means of advancing social change. The course explores the contradictory nature of law both as a force of social control and a vehicle for advancing claims that challenge the status quo. Specific topics include rights and rights discourse; the legalization of politics; the practice of public interest litigation; and the use of legal strategies by social movements. The course also examines a number of case studies, including such issues as abortion rights, pornography, environmental litigation, aboriginal rights, and homelessness and poverty. Although the focus of the course is on the Canadian experience, comparative material is also used.

**PREREQUISITES:** POL-2315(6), POL-3315(6) or the former POL-2440(6) or POL-3428(6).

**POL-4515(6) INNER CITY SEMINAR (S3)** This course seeks to explain the emergence and the character of inner cities, and to evaluate proposed solutions to inner city problems. Some attention is paid to the literature on American inner cities; we focus intensively on Winnipeg's inner city. The course features a 3 hour per week practicum requirement with an inner city community-based organization, and the conducting of original, primary research on an inner city topic.

**PREREQUISITES:** One 3 credit hour course in Area 5, Community Politics, or permission of instructor.

**POL-4600(6) DIRECTED READINGS (D)** A directed reading is an individual course of study arranged in consultation with a departmental supervisor. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.

**PREREQUISITES:** Permission of instructor and Department Chair.

**POL-4605(3) DIRECTED READINGS (D)** A directed reading is an individual course of study arranged in consultation with a departmental supervisor. The program of reading and consultation is arranged by the supervisor and the student. The student is required to write a major paper and take an oral examination based on it.

**PREREQUISITES:** Permission of instructor and Department Chair.

**POL-4610(6) HONOURS THESIS (P)** Students enrolled in this course will pursue a programme of independent research under the supervision of a faculty member. Students proposing to enrol in this course must consult a Department Honours advisor.

**PREREQUISITES:** Admission to the Honours programme; approval of the Honours Advisor.

**POL-7300(3) SEMINAR IN THEORY AND PRACTICE OF PUBLIC ADMINISTRATION I (S3)** The intent of this course is to provide insight into the exigencies of actual public administration. The course will be conducted on a topical basis within the framework of certain trends facing Canadian governments today. The course will attempt to utilize to the fullest extent possible the particular expertise of students in the program, faculty members, whether or not teaching in the program, and of both elected and appointed public officials.

The topics in POL-7300(3) will **not** duplicate POL-7305(3).

**RESTRICTIONS:** Students may not receive credit for both POL-7300(3) and the former POL-7333(3).

**POL-7305(3) SEMINAR IN THEORY AND PRACTICE OF PUBLIC ADMINISTRATION II (S3)** The intent of this course is to provide insight into the exigencies of actual public administration. The course will be conducted on a topical basis within the framework of certain trends facing Canadian governments today. The course will attempt to utilize to the fullest extent possible the particular expertise of students in the program, faculty members whether or not teaching in the program, and of both elected and appointed public officials. The topics in POL-7305(3) will **not** duplicate POL-7300(3).

**RESTRICTIONS:** Students may not receive credit for both POL-7305(3) and the former POL-7334(3).

**POL-7320(3) SEMINAR IN THE PUBLIC POLICY PROCESS (S3)** The focus of this seminar is on the process of formulating and carrying out policies in the Canadian political system. Various models of the policy-making process will be discussed and their applicability to the Canadian setting will be considered. The function and role of different participants will be examined and in particular the impact of political, social and economic environment and institutional structures on different policy outcomes will be examined.

**RESTRICTIONS:** Students may not receive credit for POL-7320(3) and the former POL-7351(3).

**POL-7325(3) SEMINAR IN PUBLIC POLICY ISSUES (S3)** This seminar is focussed on selected public policy areas and the issues pervading them.

**RESTRICTIONS:** Students may not receive credit for both POL-7325(3) and the former POL-7352(3).

**POL-7331(6) DIRECTED READINGS IN PUBLIC ADMINISTRATION (D)** The program of reading and consultation will be arranged between the Instructor and the student, and if taken for credit toward the Master of Public Administration (MPA) program will need the consent of the Joint Discipline Committee of that program. The student will be required to write a major paper and take an oral examination based on it.

**PREREQUISITES:** Permission of the instructor and Department, and of the Joint Discipline Committee for the MPA if taken for program credit.

**POL-7335(3) DIRECTED READINGS IN PUBLIC ADMINISTRATION (D)** The course will consist of a program of reading and consultation arranged between the student and the instructor. The student will be required to write a paper and take an oral examination based on it.

**PREREQUISITES:** Permission of the instructor and Department, and of the Joint Discipline Committee for the MPA if taken for MPA program credit.

**POL-7380(6) SPECIAL TOPICS SEMINAR IN PUBLIC ADMINISTRATION (S3)** The course will concentrate on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism; the regulatory process in Canada; the role of the Crown corporation; issue in health care policy; public administration in Manitoba; gender and public policy. The course may be repeated for credit when topic varies.

**POL-7385(3) SPECIAL TOPICS IN PUBLIC ADMINISTRATION (S3)** The course concentrates on a topic of primary relevance to students of public administration. Examples of such topics are the role of public bureaucracy in Canadian federalism, the regulatory process in Canada, the role of Crown corporations, issues in health care policy, public administration in Manitoba, and gender and public policy. The course may be repeated for credit when the topic varies.

**POL-7505(6) POLITICS OF URBAN PLANNING (S3)** This course is a study of the political objectives that can be achieved through urban planning as well as the political restraints upon planning. The course adopts a comparative

perspective, looking at the politics of planning in selected countries. It also considers the involvement of various levels of government in urban planning.

**RESTRICTIONS:** Students may not receive credit for both this course and POL-4505(6) or the former POL-4334(6) or POL-7335(6).

# PSYCHOLOGY (PSYC)

**Note:** The department/program code PSYC replaces the former code 44. Students cannot hold credit in PSYC-xxxx and the former 44.xxxx having the same course number (e.g., PSYC-1000(6) and 44.1000(6)).

**Chair:** Professor H. Bradbury; Professor Emeritus: R. Norton; Professors: J. Clark, B. Fehr, W. Josephson, M.C. McIntyre, G. Rockman, E. G. Schaefer, H. Strub, D.A. Williams; Associate Professors: B. Bolster, D. Bourassa, R. Broughton, K.L. Hansen, B.N. Kelly, P.M. Pearson, L.M. Sinclair, P. Trapnell; Assistant Professors: H. Aujla, S. Smith, C. Werhun; Instructors: M.K. Halldorson, K. Johns; Senior Scholars: G. Becker, M.K. Kerr; Adjunct Professors: D. Bailis; Laboratory Coordinator: B.W. Barske.

## DEGREES/PROGRAMS OFFERED

3-Year BA  
Honours BA

## INTRODUCTION

Psychology is the scientific study of the mind and behaviour. The Psychology Department offers programs to acquaint students with theory and research in the diverse areas of study examined by academic psychologists. Students are also exposed to laboratory methods of investigation. These programs prepare students for further study in psychology and related fields, for example, education, speech pathology, law, business, and human services. For more information on the Psychology Department see [www.uwinnipeg.ca/~psych/](http://www.uwinnipeg.ca/~psych/).

## REQUIREMENTS FOR A 3-YEAR BA IN PSYCHOLOGY

**ADMISSION REQUIREMENT** Students are advised, but not required to consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours.  
Minimum 6 credit hours at the 3000 level or above in Psychology.  
Double Major: 30 or 36 credit hours in each Major subject, as specified.  
Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Required courses:

**PSYC-1000(6)** Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** minimum 2.0 GPA (C)

**PSYC-2101(3)** Introduction to Data Analysis or equivalent STAT-1201(6), STAT-1501(3), or STAT-1601(3).

**PSYC-2102(3)** Introduction to Research Methods

Minimum of 3 credit hours from Entry Category A (Social Sciences), to be selected from:

**PSYC-2200(3)** Developmental Psychology I: Fundamentals

**PSYC-2300(3)** Personality Psychology

**PSYC-2400(3)** Social Psychology I

Minimum of 3 credit hours from Entry Category B (Natural Sciences), to be selected from:

**PSYC-2600(3)** Attention and Memory

**PSYC-2610(3)** Perception I

**PSYC-2800(3)** Fundamentals of Animal Learning

**PSYC-2900(3)** Physiological Psychology I

Advisory: Students who declared a major in Psychology prior to April 30, 2000 are not required to obtain 3 credit hours in each of the Entry Categories A and B above. Students with a 3.0 GPA (B) in Psychology courses are eligible to take 4000-level courses, but must receive permission from the Psychology Department's Honours Committee before registering for 4000-level courses. Students are advised that a 3-Year BA is not normally sufficient for admission to graduate studies. Students normally enrol in PSYC-2101(3) and PSYC-2102(3) in their 2<sup>nd</sup> year.

## GENERAL INFORMATION

Prerequisites: **PSYC-1000(6) Introductory Psychology** or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** is required for registration in all other Psychology courses. A grade of C or better in PSYC-1000 Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3)**, and a minimum 2.0 overall GPA (C) is required for acceptance to the Major program.

## REQUIREMENTS FOR AN HONOURS BA IN PSYCHOLOGY

The Honours program gives students of demonstrated ability an opportunity to deal more extensively and intensively with the subject matter of Psychology. Honours courses generally have smaller enrolments and give more emphasis to research than do general courses. Honours students must consult with an Honours Psychology advisor prior to each registration.

### ADMISSION REQUIREMENT

Entry into the program after completing a minimum of 30 credit hours.  
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours. Subject courses and 2.5 (C+) in Non-Honours Subject courses.  
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.  
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

### GRADUATION REQUIREMENT

Minimum 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours  
Honours: Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### HONOURS REQUIREMENT

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject.  
Minimum 30 credit hours in 4000-level Honours courses.  
Double Honours: Minimum 36 credit hours in each Honours subject.  
Minimum 24 credit hours in 4000-level Honours courses in the Psychology component of the double Honours. For the requirements of the other Honours subject, consult the department involved.

Required courses:

**PSYC-1000(6)** Introductory Psychology or a 3 credit introductory course transferred from another university as **PSYC-1000(3)**.  
**PSYC-2101(3)** Introduction to Data Analysis or equivalent STAT-1201(6), STAT-1501(3), or STAT-1601(3).  
**PSYC-2102(3)** Introduction to Research Methods  
**PSYC-4100(6)** Research Design and Data Analysis  
**PSYC-4040(6)** Honours Thesis

Minimum of 6 credit hours from Entry Category A (Social Sciences), to be selected from:

**PSYC-2200(3)** Developmental Psychology I: Fundamentals  
**PSYC-2300(3)** Personality Psychology  
**PSYC-2400(3)** Social Psychology I

Minimum of 6 credit hours from Entry Category B (Natural Sciences), to be selected from:

**PSYC-2600(3)** Attention and Memory  
**PSYC-2610(3)** Perception I  
**PSYC-2800(3)** Fundamentals of Animal Learning  
**PSYC-2900(3)** Physiological Psychology I

### Advisory:

All 4000-level courses are Honours courses and are ordinarily taken in the 3rd and 4th years.  
Honours students are advised to enrol in **PSYC-2101(3)** and **PSYC-2102(3)** in their 2nd year.  
Honours students should begin fulfilling their Entry Category requirement with a minimum of two 3 credit hour courses in their 2nd year.  
Honours students normally register for **PSYC-4100(6)** in their 3rd year.  
The Honours thesis course, **PSYC-4040(6)**, is normally taken during the last registration period.

## GENERAL INFORMATION

### Prerequisites

**PSYC-1000(6)** Introductory Psychology or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** is required for registration in all other Psychology courses. A grade of C or better in **PSYC-1000(6)** Introductory Psychology, or a 3 credit introductory course transferred from another university as **PSYC-1000(3)** and a minimum 2.0 overall GPA (C) is required for acceptance to the Major program.

## COURSE LISTINGS

### INTRODUCTION, HISTORY AND TOPICS

#### GENERAL COURSES

PSYC-1000(6) Introductory Psychology  
PSYC-3030(3) Historical Developments in Psychology  
PSYC-3050(3) Culture and Psychology

#### HONOURS COURSES

PSYC-4010(3) Advanced Reading and Research In Psychology I  
PSYC-4020(3) Advanced Reading and Research In Psychology II  
PSYC-4030(3) Psychological Issues in Historical Perspective  
PSYC-4040(6) Honours Thesis

#### METHODS

#### GENERAL COURSES

PSYC-2101(3) Introduction to Data Analysis\*  
PSYC-2102(3) Introduction to Research Methods\*

#### HONOURS COURSES

PSYC-4100(6) Intermediate Research Design and Data Analysis

#### DEVELOPMENTAL

#### GENERAL COURSES

PSYC-2200(3) Developmental Psychology I: Fundamentals  
PSYC-2210(3) Introduction to Educational Psychology  
PSYC-3200(3) Developmental Psychology II: Childhood  
PSYC-3220(3) Adult Psychology  
PSYC-3230(3) Adolescent Psychology

#### HONOURS COURSES

PSYC-4200(3) Topics In Developmental Psychology  
PSYC-4240(3) Social Development  
PSYC-4250(3) Cognitive Development  
PSYC-4260(3) Prenatal and Infant Development

#### PERSONALITY

#### GENERAL COURSES

PSYC-2300(3) Personality Psychology  
PSYC-3300(3) Empirical Approaches to Personality

#### HONOURS COURSES

PSYC-4300(3) Topics in Personality  
PSYC-4350(3) Freud: On Personality and Clinical Practice  
PSYC-4355(3) Freud: On Society and Culture

#### SOCIAL AND ORGANIZATIONAL

#### GENERAL COURSES

PSYC-2400(3) Social Psychology I  
PSYC-2410(3) Social Psychology II  
PSYC-2420(3) The Psychology of Sex and Gender  
PSYC-2430(3) Psychological Approaches to Social Issues  
PSYC-2440(3) Organizational Psychology I  
PSYC-2450(3) Organizational Psychology II  
PSYC-3450(3) Organizational Leadership and Decision Making  
PSYC-3470(3) Psychology and The Law  
PSYC-3480(3) Interpersonal Communication

#### HONOURS COURSES

PSYC-4400(3) Topics in Social Psychology  
PSYC-4410(3) Research Seminar in Social Psychology  
PSYC-4450(3) Advanced Organizational Psychology

#### COGNITION AND PERCEPTION

#### GENERAL COURSES

PSYC-2600(3) Attention and Memory\*  
PSYC-2610(3) Perception I\*  
PSYC-2620(3) Psycholinguistics\*  
PSYC-3600(3) Cognitive Processes

#### HONOURS COURSES

PSYC-4600(3) Topics in Human Learning And Memory  
PSYC-4610(3) Topics in Perception  
PSYC-4630(3) Topics in Cognitive Psychology

#### CLINICAL

#### GENERAL COURSES

PSYC-2700(3) Introduction to Clinical Psychology  
PSYC-3700(3) Abnormal Behaviour in Adults  
PSYC-3710(3) Abnormal Behaviour in Children And Adolescents  
PSYC-3720(3) Behaviour Modification  
PSYC-3740(3) Introduction to Family Processes

#### HONOURS COURSES

PSYC-4700(3) Topics in Abnormal Behaviour  
PSYC-4730(3) Biological Considerations in Clinical Psychology  
PSYC-4750(3) Psychological Testing  
PSYC-4760(3) Introduction to Counselling Theory  
PSYC-4770(3) Introduction to Interviewing

#### LEARNING, MOTIVATION, AND BEHAVIOUR GENETICS

#### GENERAL COURSES

PSYC-2800(3) Fundamentals of Animal Learning\*  
PSYC-3830(3) Genes, Evolution, and Behaviour

#### HONOURS COURSES

PSYC-4800(3) Topics in Animal Learning  
PSYC-4830(3) Genes, Evolution, and Behaviour

#### BIOPSYCHOLOGY

#### GENERAL COURSES

PSYC-2900(3) Physiological Psychology I\*  
PSYC-2920(3) Drugs and Behaviour  
PSYC-3900(3) Physiological Psychology II  
PSYC-3910(3) Human Neuropsychology  
PSYC-3920(3) Cognitive Neuroscience  
PSYC-3930(3) Mind, Brain and Body

#### HONOURS COURSES

PSYC-4900(3) Topics in Physiological Psychology  
PSYC-4920(3) Topics in Cognitive Neuroscience

\*These courses fulfill the University requirement for Science credit.



# COURSE DESCRIPTIONS

Courses in Psychology are organized into 10 areas (see Course Listings). Students are advised to sample courses broadly from these areas, and to consider gaining perspective on the historical development of their discipline by taking a history of psychology course. Consult the appropriate Timetable available from the Records Office for courses to be offered during the current term. Note that Introductory Psychology PSYC-1000(6) is a prerequisite for all other Psychology courses. Most 3000- and 4000-level courses have additional prerequisites or corequisites. Students are advised to carefully consider these requirements in planning their programs.

**PSYC-1000(6) INTRODUCTORY PSYCHOLOGY (Le3)** This course provides an introduction to the scientific analysis of behaviour and mental activity from the biological, social, and individual perspectives. Major topics include the following: perception, motivation, learning, memory, intelligence, personality, states of consciousness, social interaction, developmental processes, hereditary and environmental influences, abnormal psychology, therapeutic methods, and procedures for collecting and summarizing data. Students are expected to participate directly or indirectly in the Department's ongoing research program. This course is prerequisite for all other Psychology courses.

**RESTRICTIONS:** Students cannot receive credit for both PSYC-1000(6) and PSYC-1000(3) (transferred introductory course from another university).

**PSYC-2101(3) INTRODUCTION TO DATA ANALYSIS (Le3,La3)**

This lab course introduces basic data analytic techniques appropriate to experimental and non-experimental research designs. Topics include frequency distributions, descriptive statistics (e.g., mean, standard deviations), and inferential statistics (e.g., estimation and hypothesis testing for means, correlation and count data). The lab component provides an opportunity to develop computational and basic computer skills relevant to data analysis. This course is required for Majors and Honours students in Psychology.

**RESTRICTIONS:** Students cannot receive credit for both PSYC-2101(3) and (a) STAT-1201(6), (b) STAT-1501(3), or (c) STAT-1601(3).

**PSYC-2102(3) INTRODUCTION TO RESEARCH METHODS (Le3,La3)**

This lab course introduces basic research designs. Topics include observation and measurement, reliability and validity, balanced coverage of experimental and non-experimental design strategies, control of extraneous variables, generalizability, and research communication. The lab component provides an opportunity to apply knowledge to research experiences that sample from representative areas of psychology. This course is required for Majors and Honours students in Psychology.

**PREREQUISITE:** PSYC-2101(3) or STAT-1201(3) or STAT-1501(3) or STAT-1601(3).

**RESTRICTIONS:** Students with standing in the former PSYC-2100(3) may not receive credit for PSYC-2102(3).

**PSYC-2200(3) DEVELOPMENTAL PSYCHOLOGY I: FUNDAMENTALS (Le3)**

This course, along with PSYC-3200(3), serves as an introduction to developmental psychology. This course covers the following topics: historical and philosophical background (e.g., the nativist-empiricist conflict), theories of development, the biological foundations of early ontogeny (i.e., heredity, conception, prenatal development, and early post-natal development of the nervous system), developmental methodology, and the basics of human perceptual and cognitive development. This is the single 3 credit hour course prerequisite for more advanced courses in the developmental area.

**PSYC-2210(3) INTRODUCTION TO EDUCATIONAL PSYCHOLOGY (Le3)**

This course examines how the basic principles of psychology can be applied to educational research. Topics include heredity, environment, and maturation; motivation and learning; concept formation and creativity; teacher-student interactions; the school as a social system; and current technological advances in education.

**PSYC-2300(3) PERSONALITY PSYCHOLOGY (Le3)** This course introduces the various aspects of personality study. These may include (a) theories of personality, ranging from Freudian and revisionist Freudian perspectives to current formulations; (b) personality assessment from a psychometric perspective; and (c) past and present research on personality processes and individual differences.

**PSYC-2400(3) SOCIAL PSYCHOLOGY I (Le3)** This course emphasizes the social behaviour and cognitions of the individual in social context. Central topics dealt with from this perspective include social perception and impression formation; attitudes, beliefs, and values; prejudice and discrimination; and the formation and function of the social self. Other relevant topics include sex and gender roles and differences; moral judgment; social development, and social psychology applied to health, law, and justice. Theories and methodology relevant to this orientation and these topics will be examined.

**PSYC-2410(3) SOCIAL PSYCHOLOGY II (Le3)** This course emphasizes the social behaviour that emerges in groups of individuals in various interrelationships in social contexts. The theory and method necessary to understanding the principles governing this emergent social behaviour are stressed. Central topics include group dynamics; affiliation, attraction, and close relationships; interpersonal communication and transactions; aggression; prosocial behaviour and altruism; leadership; social change and conflict; and conformity and social control. Other relevant topics include organizational psychology and environmental psychology.

**PREREQUISITE:** PSYC-2400(3).

**PSYC-2420(3) THE PSYCHOLOGY OF SEX AND GENDER (Le3)**

This course examines whether and to what extent behaviours and attributes are gender-and/or sex-related. The psychological literature is examined for findings pertinent to the question of female-male differences and similarities, and for indications of socio-cultural and biological factors that may explain these findings. Current social beliefs and norms concerning sex and gender are examined in the light of existing data.

**PSYC-2430(3) PSYCHOLOGICAL APPROACHES TO SOCIAL ISSUES (Le3)**

This course examines issues of social importance in light of psychological theory and research findings. The issues to be considered will vary with offerings of the course, but will include topics such as the psychology of war and peace, the social psychology of mental health care, the social applications of psychometric testing, the psychology of economic behaviour, etc. The specific topics for a particular offering may be obtained in advance from the Department.

**PSYC-2440(3) ORGANIZATIONAL PSYCHOLOGY I (Le3)** This course is an introduction to the behaviour of individuals in organizations, focussing on research methods in industrial/organizational psychology, effects of individual personality and perception on organizational behaviour, communication in organizations, learning and motivation, job design, work stress, and career planning and development.

**RESTRICTION:** Students with standing in the former 81.2102(6) may not receive credit for PSYC-2440(3).

**PSYC-2450(3) ORGANIZATIONAL PSYCHOLOGY II (Le3)** This course covers topics related to group and organizational processes, including group dynamics, leadership, organizational conflict, power and organizational politics, organizational culture and socialization, organizational structure and design, and organizational development and change.

**PREREQUISITE:** PSYC-2440(3).

**RESTRICTION:** Students with standing in the former 81.2102(6) may not receive credit for PSYC-2450(3).

**PSYC-2600(3) ATTENTION AND MEMORY (Le3)** This course examines attentional and memory mechanisms from an information-processing perspective, in which the human is viewed as an active processor of information. Topics to be discussed include attention, coding and retrieval mechanisms, short and long term retention and organizational processes in attention and memory. Demonstrations illustrating major principles in attention and memory and exercises for improving memory skills are included.

**PSYC-2610(3) PERCEPTION I (Le3)** At the border between the physical world and the mind lie the senses. Exactly how the senses manage to gather information about the world is a difficult question that has long engaged physicists, physiologists, anatomists, psychologists, engineers, and computer scientists. This course surveys the results and theories of this interdisciplinary field. The course is valuable preparation for those interested in such areas as audiology, optometry, human factors engineering, medicine, and psychology.

**PSYC-2620(3) PSYCHOLINGUISTICS (Le3)** This course provides an examination of the various models and approaches to language behaviour, with particular emphasis on contemporary psycholinguistic theory and research. Topics include language acquisition, the physiological and cognitive processes mediating language behaviour, semantic considerations, symbolic behaviour, animal communication, and the cultural context of language. This course may be of particular interest to students anticipating graduate study in communication disorders and psycholinguistics.

**PSYC-2700(3) INTRODUCTION TO CLINICAL PSYCHOLOGY (Le3)** This course will provide a comprehensive introduction to the broad field of clinical psychology. There will be a focus on models of clinical psychology, clinical research and practice, clinical judgement, and ethical, professional, and political issues related to the discipline.

**PSYC-2800(3) FUNDAMENTALS OF ANIMAL LEARNING (Le3)** Contemporary approaches to the study of animal learning will be considered in order to highlight changes in perspectives occurring over the last fifteen years. Areas explored include animal cognition, evolutionary continuity of learning, and the application of learning principles to aid the understanding of clinical phenomena such as pain sensitivity and drug tolerance.

**PSYC-2900(3) PHYSIOLOGICAL PSYCHOLOGY I (Le3,La3)** This course is an introduction to the physiological determinants of behaviour. The development, structure, and function of the nervous and endocrine systems are considered in detail. Topics to be covered include the brain bases of sensory, motor, and cognitive processes.

**PSYC-2920(3) DRUGS AND BEHAVIOUR (Le3)** An examination of the physiological means through which drugs exert their effects on behaviour will constitute the core of this course. Topics covered include the assessment of behavioural drug effects, the basic structure and function of the nervous system and the general principles of pharmacology.

**PSYC-3030(3) HISTORICAL DEVELOPMENTS IN PSYCHOLOGY (Le3)** This course is concerned with the development of modern scientific psychology and the cultural, social and political backgrounds against which that development has occurred. The first part of the course deals with the major

emergent themes of psychology as science and profession. The second part will choose one of the broad divisions of modern psychology--cognitivism, social, developmental, personality, etc.--and trace major historical changes into the late twentieth century. The choice of specialized topics will vary from year to year.  
**PREREQUISITE:** PSYC-2102(3) or permission of instructor.

**PSYC-3050(3) CULTURE AND PSYCHOLOGY (Le3)** This course will examine research findings, theory, and methods related to the study of human behaviour and experience as a function of culture. Culture will be interpreted to include ethnicity and social class, but may also include other societal factors that have a similarly broad effect. We will examine the influence of culture on such domains as basic perceptual and cognitive processes, human development and family processes, and issues in social, personality, clinical, and abnormal psychology. Specific methodological and theoretical issues, such as proposals for indigenous theories and methods, will also be considered.

**PREREQUISITE:** At least 3 credit hours in Psychology beyond the 1000-level or permission of instructor.

**PSYC-3200(3) DEVELOPMENTAL PSYCHOLOGY II: CHILDHOOD (Le3)** This course complements PSYC-2200(3) as the second part of an introduction to developmental psychology. The emphasis here is on theory and research on children. Topics covered will include personality and social development, as well as areas of study that will vary from offering to offering of the course (e.g., perceptual and cognitive development beyond the basics offered in PSYC-2200(3), language, intelligence, abnormal development).

**PREREQUISITE:** PSYC-2200(3).

**RESTRICTIONS:** Students who completed PSYC-2200(3) prior to September 1, 1996 may not take this course for credit.

**PSYC-3220(3) ADULT PSYCHOLOGY (Le3)** This course examines theoretical views, research methodology, and research evidence pertaining to human functioning during adulthood and aging. In addition to examining basic processes such as memory and learning, attention will be given to such topics as job selection, marriage, retirement, life satisfaction, and death and dying.

**PREREQUISITE:** PSYC-2200(3).

**PSYC-3230(3) ADOLESCENT PSYCHOLOGY (Le3)** This course examines contemporary data and theory concerning the nature of adolescence. Topics to be covered include: definition and history of theory and research on adolescence; family power structure; parent-peer cross-pressure; sex role development; identification; cognitive development; and the youth culture.

**PREREQUISITE:** PSYC-2200(3).

**PSYC-3300(3) EMPIRICAL APPROACHES TO PERSONALITY (Le3)** This course focuses on controlled empirical studies of major personality variables and related mini-theoretical developments rather than on the grand theories of personality derived from clinical observation.

**PSYC-3450(3) ORGANIZATIONAL LEADERSHIP AND DECISION MAKING (Le3)** This course provides an in-depth survey of research and theory about leadership and decision making in organizations. Topics include trait, behavioral, situational and transformational models of organizational leadership, leadership as power and influence, and processes involved in the decision making of individuals and groups, both large and small, formal and informal.  
**PREREQUISITES:** PSYC-2410(3) or PSYC-2450(3).

**PSYC-3470(3) PSYCHOLOGY AND THE LAW (Le3)** This course will explore some of the ways in which psychological principles can be used to understand and change behaviour in legal settings. Topics to be discussed include: eyewitness testimony and identification, decision making in legal contexts, and the role of the psychologist as expert Advisor in the legal setting. Research on psychological factors in the legal system will receive special emphasis.

**PREREQUISITES:** PSYC-2600(3); or PSYC-2400(3) and PSYC-

2410(3); or declared Major in Criminal Justice Studies or permission of instructor.

**PSYC-3480(3) INTERPERSONAL COMMUNICATION (Le3)** This course emphasizes the multilevel communication processes that underlie and support social interaction and relationship formation and change. Special attention is given to the differences and connections between verbal and nonverbal communication and to the rules and rituals of social interaction in everyday life. The methodologies basic to the understanding of communication processes are also stressed.

**PREREQUISITES:** PSYC-2400(3) or permission of instructor.

**PSYC-3600(3) COGNITIVE PROCESSES (Le3)** This course examines the nature of higher-order cognitive processing such as memory, thinking, problem solving, creativity, and decision making. The role of language in such processes is examined, and the application of cognitive principles in real life discussed. Demonstrations illustrating major cognitive principles and exercises for improving cognitive skills are included.

**PREREQUISITES:** PSYC-2600(3) or permission of instructor.

**PSYC-3700(3) ABNORMAL BEHAVIOUR IN ADULTS (Le3)** This course will provide information important to the understanding of psychopathologies that occur in adulthood. Various perspectives (e.g., genetic/biological, social, etc.) and theories (e.g., behavioural, cognitive, psycho dynamic, etc.) of abnormal behaviour will be discussed. A major emphasis will be placed on current research in understanding psychopathology.

**PREREQUISITES:** PSYC-2102(3) or permission of instructor.

**PSYC-3710(3) ABNORMAL BEHAVIOUR IN CHILDREN AND ADOLESCENTS (Le3)** This course will provide information important to the understanding of psychopathologies that occur during childhood and adolescence. Various perspectives (e.g., genetic/biological, social, etc.) and theories (e.g., behavioural, cognitive, psycho dynamic, etc.) of abnormal behaviour will be discussed. A major emphasis will be placed on current research in understanding psychopathology that occurs during childhood and adolescence.

**PREREQUISITES:** PSYC-2200(3) or permission of instructor.

**PSYC-3720(3) BEHAVIOUR MODIFICATION (Le3)** This course deals with the application of the principles of conditioning theory to the teaching and modification of human behaviour.

**PSYC-3740(3) INTRODUCTION TO FAMILY PROCESSES (Le3)** This course will cover the theoretical aspects of family processes. Emphasis will be given to various theoretical formulations of family dynamics and treatment strategies. The use of family therapy for the treatment of various disorders will be discussed and compared to individual treatment approaches.

**PSYC-3830(3) / PSYC-4830(3) GENES, EVOLUTION, AND BEHAVIOUR (Le3)** This course examines behaviour from the point of view of genetic inheritance and evolution. Emphasis is placed on the ways in which genetic analysis can help us to understand the interplay between the environment and genes in the determination of behaviour. Topics include genetic defects and chromosomal anomalies, classical ethology, population genetics, heritability estimation, and that aspect of population ethology known as sociobiology. Course content is the same for PSYC-3830(3) and PSYC-4830(3). Additional in-depth work will be required for credit at the 4000 level.

**PREREQUISITE:** PSYC-1000(6). Students registering at the 4000 level must have the permission of the department.

**RESTRICTIONS:** Students may not receive credit for both PSYC-3830(3) and PSYC-4830(3).

**PSYC-3900(3) PHYSIOLOGICAL PSYCHOLOGY II (Le2,La2)** This course is a continued study of the structure and function of the nervous system with an emphasis on the physiological and neurological processes underlying regulatory, instinctual and social behaviour in animals and humans, and on brain systems involved

in learning and memory. Laboratories focus on research techniques in neuroscience, including neuroanatomy, histology, electrophysiology, and neuroimaging.

**PREREQUISITE:** PSYC-2900(3).

**PSYC-3910(3) HUMAN NEUROPSYCHOLOGY (Le3)** The course assumes basic knowledge of neuroanatomy and focuses on the understanding of neural function provided by a study of congenital malformation of structure, brain disease and behavioural loss. Topics include the following: developmental anomalies and associated behaviours; plasticity and recovery of function following insult or disease; localization of function; hemispheric specialization; epilepsy. Although not a prerequisite, Human Neuropsychology would be especially useful as a background for all the following courses: PSYC-2600(3), PSYC-3600(3) and PSYC-4600(3).

**PREREQUISITE:** PSYC-2900(3).

**PSYC-3920(3) COGNITIVE NEUROSCIENCE (Le2, La2)** This course provides an introduction to the field of cognitive neuroscience, the study of the neural substrates underlying cognitive functions. The course will examine the cognitive functions performed by all of the major brain areas, including memory, language, movement, emotion, and decision-making. Specific emphasis will be placed on understanding how different brain systems interact in order to support complex cognitive behaviours. The course is expected to provide a strong foundation in the converging fields of cognitive psychology and neuroscience; laboratories are expected to provide the research skills necessary to test the cognitive functions discussed during lectures.

**PREREQUISITE:** PSYC-2900(3).

**PSYC-3930(3) MIND, BRAIN AND BODY** This course explores the new fields of psychoneuroimmunology and Positive Psychology examining how the brain and the body are influenced by psychological phenomena. Conversely, bodily states can influence and even trigger disorders of the mind. The course focuses on the physical and psychological consequences of stress and adversity and on different means of maximizing resilience and minimizing harm. Important amongst the psychological means of promoting health are the techniques being developed as part of Positive Psychology. Positive Psychology fosters psychological and, reciprocally, physical health by promoting and strengthening positive (parasympathetic) emotions, fostering active engagement, and identifying meaningful activity.

**PREREQUISITE:** PSYC-2101(3) and PSYC-2102(3) or permission of the instructor. PSYC-2900(3) is highly recommended.

**PSYC-4010(3) ADVANCED READING AND RESEARCH IN PSYCHOLOGY I (P)** This course allows students to engage in specialized readings and/or research of their own choice under the direction of a member of the Department of Psychology. Normally only subject matter not covered in an available course will be selected. Prior to registering for this course, a student must select an Advisor, prepare an Instructor-approved course of study, and submit the course of study for review by the Psychology Honours Committee. Forms are available from the Department of Psychology outlining this procedure. Registration will not be accepted without the completed forms.

**PREREQUISITE:** PSYC-4100(6).

**PSYC-4020(3) ADVANCED READING AND RESEARCH IN PSYCHOLOGY II (P)** This course allows students to engage in specialized readings and/or research of their own choice under the direction of a member of the Department of Psychology. Normally only subject matter not covered in an available course will be selected. Prior to registering for this course, a student must select an Advisor, prepare an Instructor-approved course of study, and submit the course of study for review by the Psychology Honours Committee. Forms are available from the Department of Psychology outlining this procedure. Registration will not be accepted without the completed forms.

**PREREQUISITE:** PSYC-4010(3).

**PSYC-4030(3) PSYCHOLOGICAL ISSUES IN HISTORICAL PERSPECTIVE (Le3)** This course deals systematically with selected theoretical and methodological issues common to contemporary psychology and its recent history. In any given year, consideration will be restricted to one or two major issues to be dealt with at an advanced level. The issues selected will be made known to students in advance registration.

**PSYC-4040(6) HONOURS THESIS (Le2,LaV)** To complete the Honours degree each student must satisfactorily complete during his/her final year, a program of research under the supervision of at least two faculty members. Students wishing to enrol in this course should consult with the Department of Psychology.

**PREREQUISITES:** PSYC-4100(6) or permission of Psychology Honours Committee.

**PSYC-4100(6) INTERMEDIATE RESEARCH DESIGN AND DATA ANALYSIS (Le3,La3)** This lab course extends the basic research and data analysis methods introduced in 2101(3) and 2102(3). Topics in this course include intermediate research methods (e.g. computer-aided research design and literature search, construct validity), intermediate data analysis methods (e.g., analysis of variance and partial/multiple correlation techniques for selected experimental and non-experimental designs), and current issues in social science methodology. The lab component provides opportunities to design, execute, analyze, and report the results of behavioural research, and emphasizes the use of computers in research design and data analysis (e.g., the use of such statistical packages as BMDP, SAS, and SPSS). This course is required of all students in the Psychology Honours program.

**PREREQUISITE:** PSYC-2102(3).

**PSYC-4200(3) TOPICS IN DEVELOPMENTAL PSYCHOLOGY (Le3)** This course will examine selected topics in Developmental Psychology not covered by PSYC-4250(3) Social Development and PSYC-4250(3) Cognitive Development. The exact topic(s) covered will be determined by the instructor and may vary from year to year.

**PREREQUISITE:** PSYC-2200(3).

**PSYC-4240(3) SOCIAL DEVELOPMENT (Le3)** This seminar course examines theory and research concerning social development from birth to adolescence. It will include topics such as attachment, sense of self, peer relations, play, aggression, prosocial development, moral development, family and other socialization influences, and gender role development.

**PREREQUISITES:** PSYC-2200(3) and PSYC-2101(3).

**PSYC-4250(3) COGNITIVE DEVELOPMENT (Le3)** This course introduces the student to contemporary research in areas such as memory, language, and logical thinking, that comprise the psychological study of mental growth from birth to adulthood.

**PREREQUISITE:** PSYC-2102(3).

**PSYC-4260(3) PRENATAL AND INFANT DEVELOPMENT (S3)** This seminar course examines theory and research concerning prenatal and infant development. It will include topics such as genetic and environmental prenatal influences; the perinatal period; temperament; and infant physical, sensory, perceptual, cognitive, and social development.

**PREREQUISITES:** PSYC-2200(3) and PSYC-2101(3).

**PSYC-4300(3) TOPICS IN PERSONALITY (Le3)** This course will examine selected topics in personality theory and/or research. The exact topic(s) covered will be determined by the Instructor and may vary from year to year.

**PREREQUISITES:** PSYC-2300(3) or PSYC-3300(3).

**PSYC-4350(3) FREUD: ON PERSONALITY AND CLINICAL PRACTICE (Le3)** This course, together with its sequel (PSYC-4355(3)), presents most of Sigmund Freud's psychological writing as it appears in the definitive English text, *The Standard Edition*. This first half covers Freud's theory of personality, including his

concepts of the unconscious, infantile sexuality, the Oedipus complex, and dream interpretation. The course focuses on Freud's earlier writings and on the case studies of Dora, Little Hans, Rat Man, and Schreber.

**PSYC-4355(3) FREUD: ON SOCIETY AND CULTURE (Le3)** This course, the complement to PSYC-4350(3), is the second half of a survey of Sigmund Freud's work as it appears in the *The Standard Edition*. The concern here is with the social theories Freud developed during the second half of his career. The major writings covered will be *Totem and Taboo*, *The Future of an Illusion*, *Civilization and its Discontents*, *Group Psychology and the Analysis of the Ego*, *Moses and Monotheism*, and the case study of the Wolf Man. A principle theme of these works is the proposition that civilization relies, somewhat precariously, on a renunciation of instinct. While stressing the large titles listed above, the course follows the idea of instinctual ambivalence through various of Freud's shorter writings on sexuality (e.g., "Civilized sexual morality and modern nervous illness") and on literature and art (e.g., "Dostoevsky and parricide").

**PSYC-4400(3) TOPICS IN SOCIAL PSYCHOLOGY (Le3)** This course is designed for the student who has some background in social psychology and wants to become acquainted with ongoing areas of social psychological research. Several topics will be investigated in depth, and these may vary from year to year. Topics might include prejudice and attitude change, the effects of media, gender roles, interpersonal attraction, aggression, or others.

**PREREQUISITE:** PSYC-2410(3).

**PSYC-4410(3) RESEARCH SEMINAR IN SOCIAL PSYCHOLOGY (Le3)** This course is designed for the student who has some background in social psychology and methodology and wants to pursue some aspect of it in depth. Each year the course will focus on a particular broad theoretical or applied area of social psychology (e.g., social cognition, group processes, interpersonal relationships) and students will pursue individual projects from within that area. Through exposure to these individual projects and a core of assigned readings, students will attempt to develop an understanding of the theoretical and methodological issues that are important to the development of research in the chosen area of social psychology.

**PREREQUISITES:** PSYC-2410(3) and PSYC-4100(6) or permission of instructor.

**PSYC-4450(3) ADVANCED ORGANIZATIONAL PSYCHOLOGY (Le3)** This course focuses on current theory and research in a wide range of areas within the field of industrial/organizational psychology. Critical examination of methodology, instrumentation, logic and philosophy underlying current theories will be emphasized, as will applicability to a variety of organizational settings.

**PREREQUISITES:** PSYC-2450(3) and PSYC-2101(3) or permission of instructor.

**PSYC-4600(3) TOPICS IN HUMAN LEARNING AND MEMORY (Le3)** This course examines current research and theory in human learning and memory, with a particular emphasis on the historical development of issues in this area. The range of topics will vary depending on the interests of students.

**PREREQUISITES:** PSYC-2600(3) or permission of instructor.

**PSYC-4610(3) TOPICS IN PERCEPTION (Le3)** A research-based course consisting of lectures, demonstrations, and seminars on special topics relating to sensory and perceptual mechanisms in humans and non-humans. The range of topics will vary, depending on particular interests of students and current interests of the instructor.

**PREREQUISITES:** PSYC-2610(3); PSYC-3611(3) is also recommended.

**PSYC-4630(3) TOPICS IN COGNITIVE PSYCHOLOGY (Le3)**

This course examines a specific theoretical or applied topic in cognitive psychology. Sample topics might include: memory development, inhibitory mechanisms in cognition, cognitive psychology in education, and cognitive retraining after head injury. Please consult the Psychology Department for the current topic.

**PREREQUISITES:** PSYC-2600(3) or permission of instructor; PSYC-4100(6) is recommended.

**PSYC-4700(3) TOPICS IN ABNORMAL BEHAVIOUR (Le3)**

This is an advanced level seminar in abnormal psychology. The focus of the course will be on recent research related to theories and mechanisms of abnormal behaviour. Topics will include factors related to the development, maintenance, and treatment of abnormal behaviour in children and adults.

**PREREQUISITES:** PSYC-4100(6) or permission of instructor.

**PSYC-4730(3) BIOLOGICAL CONSIDERATIONS IN CLINICAL PSYCHOLOGY (Le3)**

This course will deal with the biological bases of several psychological disorders. In addition, the various psychotherapeutic and pharmacological treatments will be discussed and compared. Topics may include disorders such as alcoholism, anorexia nervosa, mania, depression, schizophrenia, Parkinsonism, Huntington's Chorea, Alzheimer's disease.

**PSYC-4750(3) PSYCHOLOGICAL TESTING (Le3)**

This course deals with the theory, construction, and use of psychological tests. Primary emphasis is given to exploring the basic concepts in testing and general ability tests.

**PSYC-4760(3) INTRODUCTION TO COUNSELLING THEORY (Le3)**

This course is an introduction to the theories and publications of the major contributors to counselling and psychology.

**PREREQUISITE:** PSYC-4100(6).

**PSYC-4770(3) INTRODUCTION TO INTERVIEWING (Le3)** This course is an introduction to the interview, focussing primarily on the therapeutic interview. Factors such as verbal and non-verbal communication, client expectations, and relationship variables will be examined.

**PREREQUISITE:** PSYC-4760(3).

**PSYC-4800(3) TOPICS IN ANIMAL LEARNING (Le3)** This course examines the mechanisms that underlie simple forms of learning in animals. Topics may vary from year to year.

**PREREQUISITES:** PSYC-2800(3) or permission of instructor.

**PSYC-4830(3) GENES, EVOLUTION, AND BEHAVIOUR see PSYC-3830(3)****PSYC-4900(3) TOPICS IN PHYSIOLOGICAL PSYCHOLOGY (Le3)**

This is an advanced seminar in physiological psychology. Topics are dependent upon the Instructor; students wanting more information are advised to check with the Psychology Department before enrolling.

**PREREQUISITE:** PSYC-3900(3).

**PSYC-4920(3) TOPICS IN COGNITIVE NEUROSCIENCE (Le3)**

This course provides a detailed survey of the emerging field of cognitive neuroscience. This interdisciplinary field examines the neural mechanisms contributing to cognitive, affective, and social processes. Topics may vary from year to year, and are discussed from neuroscience and behavioural perspectives with special emphasis on solving the research-design challenges associated with analyzing complex behaviours.

**PREREQUISITE:** PSYC-2900(3) and PSYC-3920

# RELIGIOUS STUDIES (REL)

**Note:** The department/program code REL replaces the former code 47. Students cannot hold credit in REL-xxxx and the former 47.xxxx having the same course number (e.g., REL-1001(6) and 47.1001(6)).

**Chair:** Professor P.L. Day; Professor *Emeritus:* K.M. Hamilton; Professor: A. Welter; Assistant Professor: M.F. Ruml; Instructor: Ludmila Zamah.

## DEGREES/PROGRAMS OFFERED

3-Year BA

4-Year BA

Honours BA

Pre-Master's Program

Joint Masters Program (see Graduate Studies)

## INTRODUCTION

The study of religion aims to understand religious thought and practices as aspects of the culture and society that produced them. It offers an opportunity to explore beliefs and ideas, philosophies and mythologies, rituals and symbols, etc., that shape the cultures and civilizations of the world both in historical perspective and as contemporary phenomena. In the process of this exploration, the Religious Studies program sensitizes students to the variety of traditions, commitments, and cultures which exist in our world, both globally and locally. It also provides an environment for students to thoughtfully reflect upon their own religious traditions and experiences as well as to think about issues and problems of modern life from a variety of perspectives.

The introductory courses are open to all students. They provide an opportunity to survey the diversity of religion in either the contemporary Canadian or the global context, or to explore the biblical roots of Judeo-Christian tradition. General interest courses are also offered at the 2000 level, and are open to all students without prerequisite. These courses do not presuppose previous knowledge or background and enable students to focus either on particular religious traditions (Aboriginal, Buddhist, Biblical, etc.) or on contemporary issues in religion (sexuality, technology, new religions, popular culture, etc.). Departmental faculty members have particular interests and strengths in the areas of religion and modern culture, mythology, Chinese and Japanese religions, Buddhist traditions, aboriginal traditions, Hebrew Bible/Old Testament, and gender studies. The Major program, leading to either a 3-Year BA, 4-Year BA, or a BA Honours degree, is designed to provide an opportunity to explore a variety of religious traditions and topics as well as to concentrate on areas of particular interest. The Department also participates in a Joint Masters Program in Religion with the University of Manitoba.

Graduates who are interested in fields where human interaction and/or multiculturalism are significant factors, such as education, mediation services, social work, international business and international development, employee relations, immigration services and certain areas of law and the justice system, benefit greatly from courses in Religious Studies.

## REQUIREMENTS FOR A 3-YEAR BA IN RELIGIOUS STUDIES

**ADMISSION REQUIREMENT** Students are advised to consult with the faculty advisor in planning their curriculum at the beginning of each registration session.

**GRADUATION REQUIREMENT** 90 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 30 credit hours/Maximum 48 credit hours.  
Double Major: 30 credit hours in Religious Studies and specified number of credit hours in the other department/program.  
Distribution: Minimum of 3 credit hours at the 2000 level in three (3) of the four (4) Areas of Study: "Historical Judaism, Christianity, and Islam", "Religion and Modern Western Culture", "Asian Religions and Culture", and "Aboriginal Religious Traditions".

Required courses:

One of

**REL-1001(6)** Religion and Identity in Contemporary Canada

**REL-1002(6)** Exploring Religion: the World's Religions

**REL-1003(6)** Exploring Religion: the Bible

**Note:** **REL-1005(3)** and **REL-1006(3)** at Canadian Mennonite University do not fulfil this requirement.

Maximum of 12 credit hours at the 1000-level.

Minimum 6 credit hours at the 3000 level in Religious Studies.

Combined Major: Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

One of

**REL-1001(6)** Religion and Identity in Contemporary Canada

**REL-1002(6)** Exploring Religion: the World's Religions

**REL-1003(6)** Exploring Religion: the Bible

Minimum of 3 credit hours at the 2000 level from three (3) of the four (4) Areas of Study:

Historical Judaism, Christianity, and Islam

Religion and Modern Western Culture

Asian Religions and Cultures

Aboriginal Religious Traditions

Minimum of 3 credit hours at the 3000 level or above.

Students are advised to inform the Department Chair of their intention to Major in Religious Studies; a Faculty Advisor will be mutually selected.

## REQUIREMENTS FOR A 4-YEAR BA IN RELIGIOUS STUDIES

**ADMISSION REQUIREMENT** Students must consult with the department advisor in planning their studies. Students must have completed at least 30 credit hours previously.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**

Degree: Minimum 60 credit hours

Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Social Science: 12 credit hours in Social Science

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level.

Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**

Single Major: Minimum 48 credit hours/Maximum 66 credit hours.

Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.

Cognates: Minimum of 18 credit hours/Maximum of 36 credit hours in related courses from one of several departments. The cognate requirement may be fulfilled in full or in part by

Religious Studies courses providing that the sum of Major and Cognate courses is at least 66 credit hours.

Maximum total of cognate and major courses is 84 credit hours combined.

Distribution: Minimum of 6 credit hours at the 2000 or 3000 level in three (3) of the four (4) Areas of

Study: "Historical Judaism, Christianity, and Islam", Religion and Modern Western

Culture", Asian Religions and Culture", and "Aboriginal Religious Traditions".

Required courses:

One of

**REL-1001(6)** Religion and Identity in Contemporary Canada

**REL-1002(6)** Exploring Religion: the World's Religions

**REL-1003(6)** Exploring Religion: the Bible

**Note:** **REL-1005(3)** and **1006(3)** at Canadian Mennonite University do not fulfil this requirement.

Maximum of 12 credit hours at the 1000 level.

Minimum 18 credit hours at the 3000 level or above in Religious Studies.

Combined Major: Minimum 60 credit hours from two (2) different majors with not less than 24 credit

hours from each major subject.

Prescribed courses:

One of

**REL-1001(6)** Religion and Identity in Contemporary Canada

**REL-1002(6)** Exploring Religion: the World's Religions

**REL-1003(6)** Exploring Religion: the Bible

Minimum of 3 credit hours at the 2000 level from three (3) of the four (4) Areas of Study:

Historical Judaism, Christianity, and Islam

Religion and Modern Western Culture

Asian Religions and Cultures

Aboriginal Religious Traditions

Minimum of 3 credit hours at the 3000 level or above and an additional 6 credit hours at the 3000 level or above is

recommended.

Individuals' programs will be structured to meet student needs and interests.  
Students planning to major in Religious Studies must consult with the Department Chair after completing 30 credit hours.

## REQUIREMENTS FOR AN HONOURS BA IN RELIGIOUS STUDIES

<b>ADMISSION REQUIREMENT</b>	Entry into the program after completing a minimum of 30 credit hours. Entry, continuing, and graduation minimum GPA is 3.0 (B) in Religious Studies courses and 2.5 (C+) in other courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Religious Studies courses. The minimum 2.5 GPA (C+) in all other courses will be calculated as for the general degree (i.e. F's are not included, and in the case of repeated courses, only the highest grade will be used). Students in the Honours program must have approval of the Department Chair.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 or 5000 level.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>HONOURS REQUIREMENT</b>	
<b>Single Honours:</b>	Minimum 54 credit hours/Maximum 78 credit hours in Religious Studies.
Required courses:	
One of	
REL-1001(6)	Religion and Identity in Contemporary Canada
REL-1002(6)	Exploring Religion: the World's Religions
REL-1003(6)	Exploring Religion: the Bible
<b>Note:</b>	REL-1005(3) and 1006(3) at Canadian Mennonite University do not fulfil this requirement. Maximum of 12 credit hours at the 1000 level.
Distribution Requirement:	Minimum of 6 credit hours at the 2000, 3000, 4000 level from three (3) of the four (4) Areas of Study: "Historical Judaism, Christianity and Islam", "Religion and Modern Western Culture", "Asian Religions and Culture", "Aboriginal Religious Traditions".
Advanced Level Course Requirement:	Minimum 36 credit hours in advanced level (3000, 4000, and 5000) courses, of which a minimum 15 credit hours are at the 4000 or 5000 level.
Requirement:	<b>Note:</b> All 3000 level courses are also offered at a 4000 level. Students may not receive credit for the same course at both a 3000 and a 4000 level except REL-3990(6)/4990(6), REL-3991(3)/4991(3), and REL-3999(6)/4999(6).
Language Requirement:	Minimum 6 credit hours in a second language (not for Religious Studies Honours credit). Students may receive Religious Studies Honours credit (a maximum of 12 credit hours) in approved languages for the study of religion. Languages currently approved are: biblical Hebrew, classical Greek, Latin, Arabic, Sanskrit, classical Chinese, Cree, Ojibway, Dakota. Students who wish to receive Religious Studies credit in other languages should consult the Department Chair.
<b>Double Honours:</b>	Minimum 36 credit hours in each Honours subject as specified in each department/program.
Required courses:	
One of	
REL-1001(6)	Religion and Identity in Contemporary Canada
REL-1002(6)	Exploring Religion: the World's Religions
REL-1003(6)	Exploring Religion: the Bible
<b>Note:</b>	REL-1005(3) and 1006(3) at Canadian Mennonite University do not fulfil this requirement.



Maximum of 12 credit hours at the 1000 level.

Distribution Requirement: Minimum of 6 credit hours at the 2000, 3000, 4000 level from each of the four (4) Areas of Study.

Advanced Level Course Requirement: Minimum 18 credit hours in advanced level (3000, 4000, and 5000) courses in Religious Studies of which a minimum 15 credit hours are at the 4000 level.

**Note:** All 3000 level courses are also offered at a 4000 level. Students may not receive credit for the same course at both a 3000 and a 4000 level except REL-3990(6)/4990(6), REL-3991(3)/4991(3), and REL-3999(6)/4999(6).

Language Requirement: Minimum 6 credit hours in a second language (not for Religious Studies Honours credit). Students may receive Religious Studies Honours credit (a maximum of 12 credit hours) in approved languages for the study of religion. Languages currently approved are: biblical Hebrew, classical Greek, Latin, Sanskrit, classical Chinese, Cree, Ojibway, Dakota. Students who wish to receive Religious Studies credit in other languages should consult the Department Chair.

For the required courses in the second Honours subject, consult the department involved.

## REQUIREMENTS FOR THE PRE-MASTER'S PROGRAM

Students wishing to prepare for entry into a program of graduate studies in Religious Studies may do so by completing a BA Honours Program, a 4-Year BA degree program, or by taking courses equivalent to a pre-master's year from the University of Manitoba and the University of Winnipeg Religious Studies Departments.

Students wishing to pursue this option are advised to consult with the Department Graduate Chair, Dr. Albert Welter.

## GENERAL INFORMATION

### Prerequisites

Most courses below the 3000 level have no course prerequisites. They are open to all students.

One 1000-level 6 credit hour course is required for entry to the Major program.

**Note:** REL-1005(3) and REL-1006(3) offered at Canadian Mennonite University do not fulfil this requirement.

### Humanities Requirement

All Religious Studies courses **except** REL-2001(6) and REL-2007(6) may be used to fulfill the Humanities Requirement.

### Language Courses

6 credit hours (3-year BA) or 12 credit hours (4-year BA or Honours BA) in approved language study (biblical Hebrew, classical Greek, Latin, Arabic, Sanskrit, classical Chinese, Cree, Ojibway, Dakota, and Japanese) may be counted toward a Major in Religious Studies. Hebrew is taught on a rotating basis by the Department of Religious Studies (University of Winnipeg), Faculty of Theology (University of Winnipeg), Canadian Mennonite University, Department of Religion (University of Manitoba), and William and Catherine Booth College. Greek is taught in the Faculty of Theology (University of Winnipeg) Classics Department (University of Winnipeg), and Canadian Mennonite University. Classical Chinese is offered through the Religious Studies Department on the basis of student interest. Sanskrit is available at the University of Manitoba, depending on student interest. Cree and Ojibway are available at the University of Winnipeg and the University of Manitoba. Dakota is available at Brandon University.

### Graduate Studies

The Department offers a joint MA degree with the Department of Religion at the University of Manitoba. See Graduate Studies for details. Interested undergraduate Religious Studies majors should consult with Dr. Albert Welter, the Department Graduate Chair, so that their undergraduate program can be structured to meet the joint MA admission requirements.

### Courses in Other Departments

Students may include a maximum of 6 credit hours from the following toward the Major, providing the Major Distribution Requirement is met.

#### Anthropology Classics

**ANTH-2108(3)** Myth, Magic and Shamanism.

**CLAS-2701(6)** Introduction to Classical Mythology, **CLAS-2702(3)** Religion in Greece and Rome

#### History

**HIST-3612(3)\*** Religion in American History

**HIST-3831(3)** Islamic Art & Architecture

#### Mennonite Studies

**MENN-2009(3)** Mennonites in Global Context; **MENN-2101(3)** Mennonite Studies I; **MENN-2102(6)**, Mennonite Studies II; **MENN-2322(3)** Origins and Character of Anabaptism; **MENN-3452(3)** Anabaptism and Evangelicalism

#### Philosophy

**PHIL-2232(3)** (or the former PHIL-2231(6)) Philosophy of Religion

\* Does not fulfil the major requirements of one course at the 3000 level or above.

## COURSE LISTINGS

### INTRODUCTORY COURSES

Majors are required to take one 6 credit hour introductory course.  
 Maximum of 2 introductory courses may be taken for credit.  
 REL-1001(6) Religion and Identity in Contemporary Canada  
 REL-1002(6) Exploring Religion: the World's Religions  
 REL-1003(6) Exploring Religion: the Bible

### AREAS OF STUDY

**Note:** Courses are offered on rotation.  
**Note:** 2000-level courses are open to all students, without prerequisite.  
**Note:** Except where otherwise indicated the 3000-level courses are open to students who have completed successfully at least 6 credit hours in Religious Studies, or who have received the consent of the instructor.  
**Note:** All 3000-level courses are also offered at a 4000 level. Students may not receive credit for the same course at both a 3000 and a 4000 level except REL-3990(6)/4990(6), REL-3991(3)/4991(3), and REL-3999(6)/4999(6). Students registering at the 4000 level must have departmental permission.

#### Historical Judaism, Christianity, and Islam

REL-2001(6) Elementary Biblical Hebrew  
 REL-2010(6) Introduction to Modern Standard Arabic  
 REL-2121(3) Origins of Rabbinic Judaism  
 REL-2125(3) Modern Biblical Interpretation  
 REL-2127(3) Major Biblical Themes  
 REL-2131(3) Apocalyptic Literature  
 REL-2211(3) Studies in the Synoptic Gospels  
 REL-2213(3) Jesus in John  
 REL-2302(3) The Age of Renaissance and Reformation  
 REL-2305(3) Early and Medieval Christianity  
 REL-2702(3) Women in Islam  
 REL-2710(3) Classical Islam  
 REL-3120(3)/4120(3) The Prophets in Israel's Culture  
 REL-3125(3)/4125(3) Biblical Myths, Legends and Folktales  
 REL-3157(3)/4157(3) Women in Ancient Israel  
 REL-3701(3)/4701(3) Issues in the Interpretation of the Qur'an  
 REL-3710(3)/4710(3) The Bible and the Qur'an  
 REL-3712(3) Islamic Art & Architecture  
 REL-3990(6)/4990(6) Readings in Religion  
 REL-3991(3)/4991(3) Readings in Religion  
 REL-3999(6)/4999(6) Languages for Religious Studies  
 REL-4100(3) Topics in Historical Judaism, Christianity, and Islam

#### Religion and Modern Western Culture

REL-2304(3) Crises of Faith in Contemporary Society  
 REL-2401(3) Religion and Popular Culture  
 REL-2402(3) Fundamentalisms in Global Perspective  
 REL-2404(3) Religion and Culture: Religions in Encounter and Change  
 REL-2405(3) Religion and Culture: The Multifaith Society

REL-2407(3) Contemporary Religion from a Social Scientific Perspective  
 REL-2507(3) Sexuality in the Religious Context  
 REL-2508(3) Images of Power: The Technological and the Religious Imaginations  
 REL-2511(3) Religion and Society: The Critique of Development  
 REL-2513(3) Health, Healing and Spirituality in Cross-Cultural Perspective  
 REL-2515(3) Ecology and Religion  
 REL-2601(3) Contemporary Jewish Life  
 REL-2607(3) New Religions in North America  
 REL-2711(3) Contemporary Islam  
 REL-271(3) Muslims in Canada  
 REL-3504(3)/4504(3) The Problem of Evil  
 REL-3512(3)/4512(3) Religious Quest in the Modern Age  
 REL-3551(3)/4551(3) Religion and Social Change  
 REL-3601(3)/4601(3) Stories Lives: Contemporary Spiritual Biographies and the Construction of Identity  
 REL-3602(3)/4602(3) Rituals and Rites of Passage in Contemporary Society  
 REL-3990(6)/4990(6) Readings in Religion  
 REL-3991(3)/4991(3) Readings in Religion  
 REL-3999(6)/4999(6) Languages for Religious Studies  
 REL-4400(3) Topics in Religion and Modern Western Culture

#### Asian Religions and Cultures

REL-2007(6) Introduction to Classical Chinese  
 REL-2020(6) Introduction to Japanese Language  
 REL-2030(6) Introduction to Chinese Language  
 REL-2703(3) Religions of India  
 REL-2704(3) Buddhist Traditions in India and Southeast Asia  
 REL-2707(3) Chinese Religions  
 REL-2708(3) Religion in Japanese Life  
 REL-2709(3) Women in Asian Religions  
 REL-2718(3) Buddhist Traditions in East Asia  
 REL-2901(3) Art in Non-Christian Religions  
 REL-3020(6) Intermediate Japanese Language  
 REL-3030(6) Intermediate Chinese  
 REL-3707(3)/4707(3) Zen Buddhism  
 REL-3708(3)/4708(3) Topics in Buddhist Culture and Society  
 REL-3990(6)/4990(6) Readings in Religion  
 REL-3991(3)/4991(3) Readings in Religion  
 REL-3999(6)/4999(6) Languages for Religious Studies  
 REL-4700(3) Topics in Asian Religions and Cultures

#### Aboriginal Religious Traditions

REL-2715(3) African Religions  
 REL-2801(3) Introduction to Aboriginal Spirituality  
 REL-2802(3) Aboriginal and Christian Encounter  
 REL-2803(3) Aboriginal Sacred Narratives

REL/IDS- 2804(3) Global Perspectives on Aboriginal Societies, Spiritualities and the Environment  
 REL-3802(3)/ 4802(3) Aboriginal Healers  
 REL-3803(3)/ 4803(3) Aboriginal Women's Teachings  
 REL-3804(3)/ 4804(3) Aboriginal Spirituality: Research Methods  
 REL-3990(6)/ 4990(6) Readings in Religion  
 REL-3991(3)/ 4991(3) Readings in Religion  
 REL-3999(6)/ 4999(6) Languages for Religious Studies  
 REL-4800(3) Topics in Aboriginal Religious Traditions

### Pre-master's Courses

Open to all students accepted in a graduate program, students with a Bachelor's degree, and advanced undergraduates with a 3.0 GPA in Religious Studies.

Permission of Chair or Graduate Chair must be received to enrol.

REL-5001(3) Method and Theory in the Study of Religion I: Social Scientific Approaches  
 REL-5002(3) Method and Theory in the Study of Religion II: Textual Interpretation  
 REL-5990(6) Advanced Individual Study in Religion  
 REL-5991(3) Advanced Individual Study in Religion

## COURSE DESCRIPTIONS

**REL-1001(6) RELIGION AND IDENTITY IN CONTEMPORARY CANADA (Le3)** This course introduces students to the religious diversity inherent in contemporary Canadian life. It considers the ways different religious traditions influence and are influenced by the multicultural and pluralistic nature of Canadian society. It encourages students to reflect on the ways individual believers and their religious communities are affected by social forces such as popular culture, politics, globalization, and the economy.

**REL-1002(6) EXPLORING RELIGION: THE WORLD'S RELIGIONS (Le3)** Religion is a universal phenomenon that varies in meaning from culture to culture. This course examines the ways religion is understood in different cultures, introducing basic concepts used in the academic study of religion (e.g., sacred and profane, myth and history, symbol and ritual, etc.) through a survey of the major world religious traditions (e.g., Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, Taoism, and the religions of indigenous peoples of North and South America). The teachings of individual traditions, how these teachings developed over time, and differences in interpretation will be examined against the background of the culture that produced them.

**REL-1003(6) EXPLORING RELIGION: THE BIBLE (Le3)** The meaning of the Bible is seldom self-evident. It has been interpreted in different and sometimes contradictory ways by various faith communities, within both Judaism and Christianity, who look to the Bible as an authoritative religious guide. The course seeks to explain why the Bible has been interpreted differently by various religious groups living in different times and places. It does so by introducing students to modern biblical scholarship, which sees the Bible against the background of the historical, political, cultural and intellectual contexts in which the biblical texts were written and interpreted.

**REL-2001(6) ELEMENTARY BIBLICAL HEBREW (Le4)** This course will introduce students to the fundamentals of biblical Hebrew grammar and vocabulary. Selected prose texts in the Hebrew Bible will be read and translated.

**REL-2007(6) INTRODUCTION TO CLASSICAL CHINESE (Le3)** This course introduces students to Classical Chinese language grammar, style, and the use of traditional characters, through the reading of excerpts from traditional

Chinese literature, the basis from which all forms of the Classical Chinese writing system, in Japan and Korea as well as China, developed. Special attention is given to texts from ancient China's intellectual and religious traditions, Confucianism and Daoism (Taoism). The course assumes no prior knowledge of Chinese, and is intended for non-native speakers of Chinese.

**RESTRICTIONS:** Native Chinese speakers must have permission of Instructor.

**REL-2010(6) INTRODUCTION TO MODERN STANDARD ARABIC (Le3/La3)** This course is designed to introduce Modern-Standard Arabic to students who have little or no prior knowledge of the language. Students learn the Arabic alphabet, master basic concepts of case and agreement, learn how to form *idāfah* constructions, and form simple nominal and verbal sentences. Vocabulary and additional grammatical concepts are discussed and integrated into classroom exercises and homework assignments. Near the end of the course students are introduced to classical Arabic for studying historical religious texts.

**PREREQUISITES:** Permission from the Instructor or Department Chair.

**RESTRICTIONS:** Arabic speakers and persons with more than the most rudimentary prior knowledge of Arabic are not permitted to take this course.

**REL-2020(6) INTRODUCTION TO JAPANESE LANGUAGE (Le3)** This courses introduces students to the modern Japanese language. The aim of this course is to provide a solid base in vocabulary, grammar, and pronunciation through speaking, listening, writing and reading exercises. Students are introduced to the Japanese syllabary (*hiragana and katakana*) and basic Japanese characters (*kanji*). In addition to providing the basis for further research for Religious Studies students interested in Asian religions, the course is of interest to a variety of students from various disciplines interested in acquiring basic Japanese language skills.

**NOTE:** This course does not fulfill the Non-Western distribution requirement for Religious Studies majors enrolled before 2005-06.

**PREREQUISITES:** Permission from the Instructor .

**RESTRICTIONS:** Native speakers of Japanese or students who have standing in Japanese 40S or equivalent are not eligible to take this course.

Students may not receive credit for both this course and

the former REL-2720(6).

**REL-2030(6) INTRODUCTION TO CHINESE LANGUAGE (Le3/La3)** This course introduces students to the modern standard Chinese language (Mandarin). The aim of the course is to provide a solid base in vocabulary, grammar, and pronunciation through speaking, listening, writing and reading exercises. In addition to providing the basis for further research for Religious Studies students interested in Asian religions, the course is of interest to a variety of students from various disciplines interested in acquiring basic Chinese language skills.

**RESTRICTIONS:** This course is not intended for Chinese native speakers, including speakers of dialects other than Mandarin. Students may not receive credit for both this course and the former REL-2730(6).

**REL-2121(3) ORIGINS OF RABBINIC JUDAISM (Le3)** This course will trace the religious history of Jews and Judaism from the period of Ezra and Nehemiah (400 BCE) through the formative period of Rabbinic Judaism in the last centuries BCE to the time of the Mishna (200 CE) and Talmudim (600 CE).

**REL-2125(3) MODERN BIBLICAL INTERPRETATION (Le3)** This course begins with a study of contemporary hermeneutical theory, and proceeds to demonstrate modern approaches to reading and understanding biblical texts (interpretation), including the historical, literary, feminist, and social-scientific approaches.

**RESTRICTIONS:** Students may not receive credit for both this course and REL-1003(6).

**REL-2127(3) MAJOR BIBLICAL THEMES (Le3)** This course will examine biblical texts on various themes such as creation, salvation, law and covenant, priesthood and kingship, death and human destiny.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-3155(3).

**REL-2131(3) APOCALYPTIC LITERATURE (Le3)** This course will begin with a general introduction to apocalypse as a unique literary genre and will examine some of the problems of reading and interpreting apocalyptic writings in the light of their ancient contexts. This will be followed by an analysis of selected biblical and extra-biblical apocalyptic texts.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-2010(3).

**REL-2211(3) STUDIES IN THE SYNOPTIC GOSPELS (Le3)** This course seeks to understand the origin of the three Synoptic Gospels of the New Testament - Matthew, Mark and Luke - and the relationship among them. The study also involves a close examination of the distinctive character of these Gospels according to their literary and theological presentations of Jesus.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-2211(6).

**REL-2213(3) JESUS IN JOHN (Le3)** This course analyses the literature of the Fourth Gospel and the Johannine Epistles in their respective contexts. The intention is to discover the implication of the Johannine ways of presenting Jesus to the first communities of readers in their social settings.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-2122(3).

**REL-2302(3) THE AGE OF RENAISSANCE AND REFORMATION (Le3)** With the disintegration of the medieval synthesis, a spiritual revolution swept Europe, precipitating profound changes in religious life and thought.

This course will examine the impact of the Reformation/Renaissance on Western religious consciousness, focusing on such seminal figures as Erasmus, Luther, Calvin, and Ignatius.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-2202(3).

**REL-2304(3) CRISES OF FAITH IN CONTEMPORARY SOCIETY (Le3)** This course explores the five major contemporary critiques of religion, all of which have their roots in the writings of 19<sup>th</sup> and 20<sup>th</sup> Century critics of religion. Students will learn about the original historical contexts of the interpretations of religion advanced by Karl Marx, Sigmund Freud, Emile Durkheim, Max Weber, and Friedrich Nietzsche. The main concern of the course is to examine how these five powerful critiques shape the ways contemporary North Americans understand religion.

**REL-2305(3) EARLY AND MEDIEVAL CHRISTIANITY (Le3)** This course introduces students to the religious and social changes that took place within the Christian tradition in the first fifteen centuries of the Common Era. Students explore the varieties of Christianity that emerged in this period in response both to theological debates within the church and to political forces in Europe, Africa and the Middle East. This course examines the changing relations between the church and imperial powers, as well as the development of monastic orders, mystical piety, the sacramental system, and the papacy. In addition, several key figures (such as Augustine and Aquinas) and key debates (such as the nature of sin and the trinity) are discussed.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-2311(3) or REL-2300(3) or REL-2301(3).

**REL-2401(3) RELIGION AND POPULAR CULTURE (Le3)** This course considers the place of religion in North American popular culture. It explores how elements of popular culture (e.g., radio and television programs, compact discs, films, videos, and fashion) influence the ways many people conceive of religion and its role in their lives. Through this exploration, students will develop critical skills necessary to analyze ambiguous cultural phenomena, examining both the ways religious traditions are depicted in popular culture, and how religions respond to the values and beliefs implicit in popular culture itself.

**REL-2402(3) FUNDAMENTALISMS IN GLOBAL PERSPECTIVE (Le3)** Fundamentalism is one of the most prominent religious phenomena in contemporary cultures and around the world. This course will explore a variety of so-called "fundamentalist" religious movements in contemporary Judaism, Christianity, and Islam. What do these groups have in common, and what distinguishes them from each other? It will also consider how appropriate the term "fundamentalist" is for understanding these groups and individuals and what the implications of this "fundamentalist" label are for them. Several "fundamentalist" religious movements will be discussed in order to understand their relationship with "modernity" and "pluralism", the two traditions to which fundamentalists seem to be responding.

**REL-2404(3) RELIGION AND CULTURE: RELIGIONS IN ENCOUNTER AND CHANGE (Le3)** Significant changes have occurred in Canada since the 1960s increase in immigration and the implementation of the federal policy of official multiculturalism. This course addresses the enormous consequences of these changes for religious groups in Canada and equips students to understand some of the ways in which groups and individuals(e.g., Sikhs, Jews, Muslims, Christians,

Buddhists, Hindus, and Aboriginals) negotiate their identities through a dialogue between ancient religious resources and the surrounding pluralistic *milieux*.

**REL-2405(3) RELIGION AND CULTURE: THE MULTIFAITH SOCIETY (Le3)** The course focuses on the ways Canadian institutions both reflect and have responded to religious pluralism. While French and British Christians dominated this country for hundreds of years, contemporary Canada is characterized by increasing multiculturalism. The less restrictive policies Canada adopted towards non-European immigrants in the 1960s have transformed the status and place of religion in major institutions such as universities, government, and the media. The course encourages students to reflect critically on the place of religion in a society, the Christian and "euro-centric" foundations of which have been challenged by growing non-Christian and/or non-European communities.

**REL-2407(3) CONTEMPORARY RELIGION FROM A SOCIAL SCIENTIFIC PERSPECTIVE (Le3)** This course will introduce students to the ethnographic approach to religious phenomena, as well as the range of social scientific theories with which ethnography is associated. The distinguishing feature of ethnographic research is the way it involves the observer in the everyday lives of the people he or she is studying. This course explores several recent examples of participant observation research in the context of North American religious groups. As well, the course considers the relevance of the work of scholars such as Malinowski, Levy-Bruhl, Turner, and Geertz for the ethnographic study of contemporary religious life.

**REL-2507(3) SEXUALITY IN THE RELIGIOUS CONTEXT (Le3)** This course will observe patterns in the interpretation and regulation of human sexual relations in one or more of the major religious traditions, and will explore the implications of changes in these relationships in the modern world for those whose cultures are informed by those traditions. Included will be the implications of feminist movements for contemporary religions.

**REL-2508(3) IMAGES OF POWER: THE TECHNOLOGICAL AND THE RELIGIOUS IMAGINATIONS (Le3)** This course begins in the realization that every act of world construal is fundamentally an act of imagining, with social-institutional causes and consequences. It examines ways in which, beginning in the seventeenth century, experimental science, possessive individualism, global capitalism, mass media, militarism, and environmentalism challenged the traditional religious imagination and presented different paths for society to follow.

**REL-2511(3) RELIGION AND SOCIETY: THE CRITIQUE OF DEVELOPMENT (Le3)** The course will examine the rise of a secular, capitalist, technological world order in Western Europe and North America, and its impact upon the rest of the world. The contribution of Christianity to this new world order, together with its increasing marginalization, will be noted. The responses of the affected cultures and religions, in particular their critique of Western imperialism and its visions of development, and their alternative proposals, will be examined. The role of religion as a factor which inhibits or encourages social change, in different contexts, will be a main theme.

**RESTRICTIONS:** Students may not receive credit for both this course and the former REL-2512(3).

**REL-2513(3) HEALTH, HEALING AND SPIRITUALITY IN CROSS-CULTURAL PERSPECTIVE (Le3)** This course examines the role which spirituality plays in health and the practice of healing, exploring how different ideas about healing and spirituality are rooted in distinct cultural perspectives. Topics covered will include comparisons of the relationship between religious beliefs, the process of healing, and the practice of medicine in the history and current experience of different cultures, both Western and Non-Western.

**REL-2515(3) ECOLOGY AND RELIGION (L3)** This course explores the relationship between the religious beliefs and perceptions about nature in the context of Western, Eastern, and indigenous cultures. A critical examination is offered of the ways in which Christian perceptions of nature have influenced the development of western science and technology. As well, the course provides a survey of some contemporary scholarly attempts to relate ecology and religion.

**REL-2601(3) CONTEMPORARY JEWISH LIFE (Le3)** This course will examine the beliefs, trends, and institutions operative in modern Jewish communities, particularly in North America, Europe, and Israel. Contemporary Judaism will be seen in both its religious and cultural aspects.

**REL-2607(3) NEW RELIGIONS IN NORTH AMERICA (Le3)** This course will survey alternative religious movements which have recently arisen in North America, some as mission enterprises from elsewhere, others as spiritual responses from within the North American situation. Winnipeg and Manitoba groups will be emphasized. The aim of the course will be to understand the groups on their own terms, and to begin to think about how we might respond to and evaluate these movements.

**REL-2702(3) WOMEN IN ISLAM (Le3)** We explore in this course the status and roles of Muslim women from the perspectives of the basic Islamic texts (The Qur'an and the Prophetic Traditions). Specific themes include rights and equality, marriage and divorce, seclusion and dress codes, religious, economic and socio-political participation. Explications and applications of these themes by Traditional Muslim scholars (exegetes, jurists) over several generations are analyzed. The course also reviews a few outstanding women in Islamic History and addresses the intellectual and social activities of some modern Muslim women.

**REL-2703(3) RELIGIONS OF INDIA (Le3)** This course explores the diversity of religious expression in India against the background of Indian culture. The focus will be on the origins and historical development of Indian ideas and practices. These are represented in the dominant tradition of Hinduism, as well as other important traditions originating in India (Buddhism, Jainism, and Sikhism), emphasizing continuities, patterns, and distinct developments.

**REL-2704(3) BUDDHIST TRADITIONS IN INDIA AND SOUTHEAST ASIA (Le3)** The course examines Buddhist beliefs and practices, focusing on the life and teachings of Gautama, the historical founder, the interpretation of his message in the Theravada tradition, and the development of the Mahayana tradition in India. Special attention is given to examining the scriptural literature upon which these traditions are based and the spread of Theravada traditions to Sri Lanka and Southeast Asia.

**REL-2707(3) CHINESE RELIGIONS (Le3)** This course is a study of the basic beliefs and practices of the Chinese as informed by the three major Chinese traditions: Confucian, Taoist (Daoist), and Buddhist. The course will examine the development of each of these traditions, as well as their blending into a comprehensive set of beliefs and practices that shaped the common understanding and practice of Chinese religion. The effect of Communism on Chinese religious life will also be examined.

**REL-2708(3) RELIGION IN JAPANESE LIFE (Le3)** This course examines the religious life of the Japanese people, as informed by traditions deriving from the native Shinto religion of Japan, the adapted traditions of Buddhism and Confucianism, and the impact of Westernization and modernization on traditional beliefs and practices.

**REL-2709(3) WOMEN IN ASIAN RELIGIONS (Le3)** The course examines the experiences of women in several Asian cultures (e.g., Indian, Chinese, Japanese), and in several religious traditions (e.g., Hinduism, Buddhism, Confucianism, Daoism). The course is intended as a comprehensive introduction to women's experience in both pre-modern and modern contexts, with attention to how women are perceived and perceive themselves in religious and cultural roles.

**REL-2710(3) CLASSICAL ISLAM (Le3)** This course focuses on the religious tradition of Islam from its inception through the medieval period. The message and the style of the Qur'an are examined, and Muhammad's life and experience as a prophet are traced. The fundamental beliefs and major practices of Islam are critically explored. The course also examines the emergence of religious, political and legal institutions in the early centuries of Islam. In addition, attention is given to theological, philosophical and mystical interpreters of Islamic ethos, with particular reference to specific scholarly interpretations from different regions of the Islamic world.

**REL-2711(3) CONTEMPORARY ISLAM (Le3)** This course explores Islam as a faith and way of life in the modern context. Examples of Muslim approaches to modernity in general are examined, and modern interpretations of selected Qur'anic themes are studied. Themes such as gender equality and the freedom of women, and their implications for contemporary Islam, are discussed. The course traces the activities and opinions of Muslim organizations from the Muslim world. In addition, it assesses the current status of Islam in North America.

**RESTRICTIONS:** Students cannot receive credit for both this course and the former REL-2701(3).

**REL-2713(3) MUSLIMS IN CANADA (Le3)** This course provides an historical overview of the Muslim community in Canada. The rise and development of Islamic institutions, organizations, associations, and forms of leadership are examined. In addition, Islamic identity, religious lifestyle, Islamic education, and the range of challenges facing Muslims living in Canada are discussed.

**REL-2715(3) AFRICAN RELIGIONS (Le3)** Africans have, for long, practiced several closely related but diverse religions. This course surveys African Religions taking into account this religious plurality. Certain themes, including, cosmology and mythology, monotheism and polytheism, divinity and experience, rituals, etc., are discussed. Selected African Religions are introduced, briefly, highlighting these themes according to geographical

locations (mainly in the sub-Sahara). Detailed treatment of one or more religions from each region is provided. For current concerns, this course critically studies selected works by scholars of African religions on various topics (from theory and method to roles of women).

**REL-2718(3) BUDDHIST TRADITIONS IN EAST ASIA (Le3)** This course traces the historical development of Mahayana (Great Vehicle) Buddhism in East Asia, focusing on the founding of East Asian Buddhist traditions in China, and their transmission to Korea and Japan. The course introduces the major beliefs and practices associated with East Asian Buddhism, the schools, figures, and texts that form the traditions that have flourished in East Asian countries. In addition to Chinese Buddhist developments, the course examines the adaptation of Chinese Buddhist traditions in Korea and Japan.

**REL-2801(3) INTRODUCTION TO ABORIGINAL SPIRITUALITY (Le3)** This course provides an introduction to the plurality of Aboriginal religious traditions in North America and the diversity, complexity, and vitality of these traditions. Included in the course content is an understanding of traditional ceremonies, cosmology or worldview, creation stories and other narrative forms, cultural values, healers, and medicine. Special attention is given to Anishinaabe, Omushkego, and Dakota traditions.

**REL-2802(3) ABORIGINAL AND CHRISTIAN ENCOUNTER (Le3)** This course explores Aboriginal Spirituality in the context of the encounter between Christianity and the traditional religions of the Aboriginal peoples of Canada and the United States from first contact to the present. Topics include missionary societies, residential schools, historical and contemporary responses to the Christian tradition, issues related to Aboriginal identity and issues arising out of the Aboriginal and Christian encounter. Special attention is given to Anishinaabe, Omushkego and Dakota traditions.

**RESTRICTIONS:** Students cannot receive credit for both this course and REL-2805(3).

**REL-2803(3) ABORIGINAL SACRED NARRATIVES (Le3)** In Aboriginal traditions, storytelling is an important means by which cultural values, traditional knowledge and worldviews are taught. In this course, students are introduced to the vast corpus of sacred narratives found in Aboriginal religious traditions in the Americas. Narratives are examined to identify mythic themes/story types, human and non-human characters, cultural values, and traditional teachings. Aboriginal and academic concepts are used to understand the importance and meaning of sacred narratives. Methodological and interpretive issues in the study of myth are explored.

**REL-2804(3) GLOBAL PERSPECTIVES ON ABORIGINAL SOCIETIES, SPIRITUALITIES AND THE ENVIRONMENT (Le3)** This course explores the spiritual traditions of aboriginal cultures throughout the world. For example, we examine the role of elders and shamans in various aboriginal societies, their understandings of the environment in which they live, and their various expressions of spirituality. The course discusses the recognition of aboriginal rights at the United Nations and its implications for preserving land, cultures and spiritualities. Finally, students reflect on the effect of development on Indigenous lands and how that is affecting aboriginal societies and their traditional belief

systems.

**CROSS LISTED:** International Development Studies IDS-2804(3).

**REL-2901(3) ART IN NON-CHRISTIAN RELIGIONS (Le3)**

This course explores the intrinsic links within non-Christian religious traditions between beliefs and social systems and the art produced in those contexts. We examine different traditions, regions, and eras, in religions such as Buddhism, Hinduism, Islam, Judaism, and Aboriginal Spirituality, and media such as architecture, decorative arts, painting, and sculpture. Students explore art's implicit and explicit messages about the religious beliefs of its producing society, the function of art in particular religions, and how one "reads" religious art. We investigate the impact of social, economic, and power structures on religious art, and the role of patronage in art production.

**CROSS LISTED:** History HIST-2802(3).

**REL-3020(6) INTERMEDIATE JAPANESE LANGUAGE**

**(Le3/La1)** In this course, students extend their knowledge of Japanese grammar and vocabulary in communicative and academic contexts through assignments, group work, and exercises in speaking, listening, writing, and reading. Students are expected to be able to read and write hiragana, katakana, and some kanji, and to have mastered pronunciation and basic Japanese grammar. In addition to providing the basis for further research for students in Religious Studies who are interested in Asian religions, this course is of interest to elementary students of Japanese who wish to improve their Japanese language skills.

**PREREQUISITES:** REL-2020(6) or equivalent.

**RESTRICTIONS:** Native Speakers of Japanese are not eligible to take this course.

**REL-3030(6) INTERMEDIATE CHINESE (Le3, La1)** This course is a continuation of Introduction to Chinese Language (Mandarin), and is a study of Chinese in its spoken and written forms with more vocabulary, more advanced grammatical structures and written characters. Equal emphasis is given to speaking, listening, reading, and writing. However, special attention is given to texts from ancient China's intellectual and religious traditions, Confucianism and Daoism (Taoism). Chinese dictionary usage is also addressed. In addition to providing the basis for further research for Religious Studies students interested in Asian religions, this course is of interest to a variety of students who wish to improve their Chinese language skills.

**PREREQUISITES:** This course is open to students who have taken Introduction to Chinese Language (REL-2030(6), the former REL-2730(6)), or whose Chinese language ability meets the expectation of this introductory course. Students without the prerequisite REL-2030(6) or REL-2730(6) must get permission from the instructor.

**RESTRICTIONS:** This course is not intended for native Chinese speakers, including speakers of dialects other than Mandarin.

**REL-3120(3) / REL-4120(3) THE PROPHETS IN ISRAEL'S CULTURE (S3)**

This course is a study of the biblical prophetic literature in its social and religious context, paying attention to the prophets' perspectives on social, political, theological, and moral concerns.

**PREREQUISITES:** Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3120(3) and REL-4120(3). Students may not receive credit for both this course and the former REL-3121(3) or REL-3122(3).

**REL-3125(3) / REL-4125(3) BIBLICAL MYTHS, LEGENDS AND FOLKTALES (S3)** This seminar course begins by surveying major cross-cultural approaches to the study of myths, legends, and folktales. These approaches are then applied to biblical stories such as the Garden of Eden, flood, ancestor stories, and exodus traditions.

**PREREQUISITES:** REL-1003(6) or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3125(3) and REL-4125(3).

**REL-3157(3) / REL-4157(3) WOMEN IN ANCIENT ISRAEL (S3)**

This course examines the roles and status of women in ancient Israelite culture and religion. Topics to be treated include women in myth and other genres of traditional narrative, the female life-cycle, and women in law, politics, priesthood, and prophecy.

**PREREQUISITES:** One of: REL-1003(6), REL-2111(6), REL-2125(3), 95.1232(6), or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3157(3) and REL-4157(3).

**REL-3504(3) / REL-4504(3) THE PROBLEM OF EVIL (S3)**

In this seminar, we explore some of the ways Christians, Jews, and Muslims have conceptualized evil and responded to the problem of evil throughout history. In order better to understand this perennial religious problem, we consider selections from ancient scriptures, philosophical explanations, theological responses to catastrophes such as the Holocaust, and the depictions of evil in North American popular culture.

**PREREQUISITES:** 6 Credit hours in Religious Studies or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3504(3) and REL-4504(3).

**REL-3512(3) / REL-4512(3) RELIGIOUS QUEST IN THE MODERN AGE (S3)**

Students in this course explore contemporary literature against the cultural and political background that produced these kinds of fiction. Students examine the ways in which these books rely on traditional explicitly religious themes as well as broader modern and post-modern concerns such as the question of selfhood, the search for freedom, the grappling with death, and the search for meaning. Authors may include Joseph Conrad, Franz Kafka, Dionne Brand, Arundhati Roy, Shauna Singh Baldwin, Albert Camus, Carol Shields, Rohinton Mistry, Umberto Eco, Yann Martel, Joy Kogawa, Jonathan Franzen, and Margaret Atwood.

**PREREQUISITES:** 6 credit hours in Religious Studies or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3512(3) and REL-4512(3). Students may not receive credit for both this course and the former REL-3511(6).

**REL-3551(3) / REL-4551(3) RELIGION AND SOCIAL CHANGE (S3)**

This is a study of the role of religion in promoting or restricting social change in two contexts: first, where a traditional religion and society exist; second, where the traditional relationship between religion and society has been significantly influenced by external religious, ideological, or social factors.

**PREREQUISITES:** Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3551(3) and REL-4551(3).

**REL-3601(3) / REL-4601(3) STORIED LIVES: CONTEMPORARY SPIRITUAL BIOGRAPHIES AND THE CONSTRUCTION OF IDENTITY (S3)**

This course presents the current social scientific reflection on the "life history" as a means of understanding individuals and contextualizing the larger notions of "religious traditions" and "culture". Specifically, it considers the ways people construct and maintain their religious identities by weaving their own experiences into a narrative which includes other individuals and institutions. In addition to considering this method theoretically, students have an opportunity to employ this tool in the context of fieldwork.

**PREREQUISITES:** Students registering at the 4000 level must have Departmental permission. 6 credit hours in Religious Studies or Permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for both REL-3601(3) and REL-4601(3).

**REL-3602(3) / REL-4602(3) RITUALS AND RITES OF PASSAGE IN CONTEMPORARY SOCIETY (S3)**

This course will allow students to explore the nature and role of rituals and rites of passage in contemporary society. We will spend most of our time engaged in a collective exploration of common rituals (communion, puja), and rites of passage (weddings, funerals, bar/bat mitzvah) as they are found in North America. We will reflect upon the structures, meanings, and purposes of the events we discuss. We will also consider the ways the rituals and rites of passage we examine are related to the surrounding culture.

**PREREQUISITES:** Students registering at the 4000 level must have Departmental permission. 6 credit hours in Religious Studies or permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for both REL-3602(3) and REL-4602(3).

**REL-3701(3) / REL-4701(3) ISSUES IN THE INTERPRETATION OF THE QUR'AN (S3)**

In this seminar, some of the issues pertaining to Qur'anic interpretation (exegesis) are discussed. After gaining an understanding of the book as a scripture, the history and the development of its exegetical venture is traced. Approaches of both classical and modern Muslim commentators on the Qur'an are explored. The Orientalists' approach to the Qur'an and its interpretation is also examined. For practical concerns, this course deals with the interpretation of the Qur'an in a broader context. Examples include the Qur'anic commentaries on Moses and Jesus.

**PREREQUISITE:** REL-1002(6) or REL-2701(3) or REL-2702(3) or REL-2710(3) or REL-2711(3) or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3701(3) and REL-4701(3). Students cannot receive credit for this course and the former REL-3701(3) Topics in Islam.

**REL-3707(3) / REL-4707(3) ZEN BUDDHISM (S3)** This course examines the history of Zen (Chinese Chan) Buddhism against the background of East Asian culture and its Buddhist heritage. The course features an examination of classical Zen texts (in translation), contrasting traditional interpretations with those of contemporary scholars.

**PREREQUISITES:** One of REL-1002(6), REL-2703(3), REL-2704(3), REL-2707(3), REL-2708(3) or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3707(3) and REL-4707(3).

**REL-3708(3) / REL-4708(3) TOPICS IN BUDDHIST CULTURE AND SOCIETY (S3)**

This course explores topics of contemporary interest regarding the study of Buddhism and society, examining major issues facing Buddhism in the Asian context, focusing on aspects of the institutional, social, and political role played by Buddhism. May be taken for credit more than once, with permission of instructor. Topics may include: Buddhism and Tibetan identity in the struggle for Tibetan autonomy in China, the Buddhist monastic institution and its role in society, and debates over the interpretation of Buddhism in modern Asian countries.

**PREREQUISITES:** One of REL-1002(6), REL-2704(3), REL-2705(3), REL-2707(3), REL-2708(3), REL-2709(3), REL-2718(3), or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3708(3) and REL-4708(3).

**REL-3710(3) / REL-4710(3) THE BIBLE AND THE QUR'AN (S3)**

This course utilizes an interdisciplinary approach to explore the relationship between the Bible and the Qur'an. Themes (such as creation, prophecy, divine law, rituals and holy war) common to both texts, are examined in the context of the interpretation of these themes by Jewish, Christian and Muslim scholars (such as Jacob Neusner, William Brinner, F. E. Peters, Charles Adams and Raji al-Faruqi).

**PREREQUISITES:** REL-1002(6) or REL-2701(3) or REL-2702(3) or REL-2710(3) or REL-2711(3) or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3710(3) and REL-4710(3).

**REL-3712(3) ISLAMIC ART AND ARCHITECTURE (Le,S3)**

This course examines Islamic art and architecture from the rise of Islam in the seventh century to the nineteenth century, concentrating on the period 1250-1800. The course also considers cross-cultural influences and contrasts between the Islamic world and Europe. Topics include the 'reluctance' towards figural imagery, regional mosque architecture, and book illumination. Dynasties include Timurid, Safavid, Ottoman, Mamluk, and Mughal.

**CROSS LISTED:** HIST-3831

**REL-3802(3) / REL-4802(3) ABORIGINAL HEALERS (S3)**

This course focuses on the religious/spiritual leaders who are often referred to as medicine men/women or shamans. These individuals primarily function as healers but may also serve as Elders, prophets, priests, philosophers, intellectuals, mystics, artists, poets, and musicians, among other roles. This course examines the historical and contemporary place of these highly respected persons in Aboriginal religious traditions.

**PREREQUISITES:** One of REL-2801(3), REL-2802(3), REL-2803(3), or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3802(3) and REL-4802(3). Students may not receive credit for both this course and REL-2808(3).

**REL-3803(3) / REL-4803(3) ABORIGINAL WOMEN'S TEACHINGS (S3)**

Aboriginal worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings," are specific to Aboriginal women. In addition, due to historical circumstances, the importance of women in worldview and ceremony has often been overlooked or



sublimated in the written sources. This course examines the teachings, ceremonies, and issues related to Aboriginal women. Written sources by and about Aboriginal women and Aboriginal women's teachings are examined and local Aboriginal women Elders and traditional people are invited to speak to the class as oral sources.

**PREREQUISITES:** One of REL-2801(3), REL-2802(3), REL-2803(3), or permission of the instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3803(3) and REL-4803(3).

**REL-3804(3) / REL-4804(3) ABORIGINAL SPIRITUALITY: RESEARCH METHODS (S3)** This course focuses on research methods and sources for the study of Aboriginal spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Aboriginal spirituality and research with Elders and Aboriginal people are examined. Guidelines established by the Social Sciences and Humanities Research Council related to the development of an "Aboriginal Research Paradigm, or a decolonizing approach to research and scholarship" are discussed. During the term, students develop their own research projects in consultation with the professor.

**PREREQUISITES:** One of REL-2801(3), REL-2802(3), REL-2803(3) or permission of instructor. Students registering at the 4000 level must have Departmental permission.

**RESTRICTIONS:** Students may not receive credit for both REL-3804(3) and REL-4804(3).

**REL-3990(6) / REL-4990(6) READINGS IN RELIGION (D)** This course will provide individual directed study of a specialized subject at an advanced level.

**PREREQUISITES:** Permission of Department Chair.

**REL-3991(3) / REL-4991(3) READINGS IN RELIGION (D)** This course will provide individual directed study of a specialized subject at an advanced level.

**PREREQUISITES:** Permission of Department Chair.

**REL-3999(6) / REL-4999(6) LANGUAGES FOR RELIGIOUS STUDIES (T)** This course will provide an individual tutorial program in a language required by an advanced student in connection with ongoing study in a specialized religious field.

**PREREQUISITES:** Permission of Department Chair.

**REL-4100(3) TOPICS IN HISTORICAL JUDAISM, CHRISTIANITY, OR ISLAM (S3)** This course studies specific topics in Historical Judaism, Christianity, or Islam at an advanced level. Students should consult the department regarding potential offerings in a given year.

**PREREQUISITES:** Permission of Department Chair.

**REL-4400(3) TOPICS IN MODERN WESTERN CULTURE (S3)** This course studies specific topics in Religions and Modern Western Culture at an advanced level. Students should consult the department regarding potential offerings

in a given year.

**PREREQUISITES:** Permission of Department Chair

**REL-4700(3) TOPICS IN ASIAN RELIGIONS AND CULTURES (S3)** This course studies specific topics in Asian Religions and Cultures at an advanced level. Students should consult the department regarding potential offerings in a given year.

**PREREQUISITES:** Permission of Department Chair.

**REL-4800(3) TOPICS IN ABORIGINAL RELIGIOUS TRADITIONS (S3)** This course studies specific topics in Aboriginal Religious Traditions at an advanced level. Students should consult the department regarding potential offerings in a given year.

**PREREQUISITES:** Permission of Department Chair.

**REL-5001(3) METHOD AND THEORY IN THE STUDY OF RELIGION I: SOCIAL SCIENTIFIC APPROACHES (S3)** This course examines the problem of method in Religious Studies, discussing Religion as a field of study, its definition, development, and relation to other disciplines. Students examine classic social scientific approaches to the study of religion: sociological, anthropological, psychological, as well as feminist and post-modernist methods. Along with REL-5002(3), this course fulfills the method and theory requirement for the Joint Masters Program in Religion.

**PREREQUISITES:** Open to Honours, Pre-masters or Masters students, or with the permission of Chair or Graduate Chair.

**REL-5002(3) METHOD AND THEORY IN THE STUDY OF RELIGION II: TEXTUAL INTERPRETATION (S3)** This course introduces the problem of method in Religious Studies, especially as it relates to the study and interpretation of religious texts. Texts are examined from the perspective of various possible hermeneutical interpretations, taking into account literary, contextual, and historical concerns, as well as doctrinal and ideological considerations. Students consider both traditional religious and post-traditional ways of interpreting texts, gaining appreciation for how historical and ideological forces shape the interpretation of religious texts. Along with REL-5001(3), this course fulfills the method and theory requirement for the Joint Master Program in Religion.

**PREREQUISITES:** Open to Honours, Pre-masters or Masters students, or with the permission of Chair or Graduate Chair.

**REL-5990(6) ADVANCED INDIVIDUAL STUDY IN RELIGION (D)** This course will provide individual, directed study of a specialized topic for students beyond the undergraduate level.

**REL-5991(3) ADVANCED INDIVIDUAL STUDY IN RELIGION (D)** This course will provide individual, directed study of a specialized topic for students beyond the undergraduate level.

# RHETORIC, WRITING, AND COMMUNICATIONS (RHET)

**Note:** The department/program code RHET replaces the former code CAW or 18. Students cannot hold credit in RHET-xxxx and the former CAW.xxxx or 18.xxxx having the same course number [e.g., RHET-1105(3) and CAW-1105(3) and 18.1105(3)].

**Chair:** Associate Professor J. Kearns; Associate Professors: J. McLeod Rogers, C. Taylor, B. Turner, T. Whalen; Assistant Professors: R. Byrnes, J. Clary-Lemon, T. Tachino; Instructors: V. Baseley, J. Freeman, B. Nolan, S. Page.

## DEGREES/PROGRAMS OFFERED

**3-YEAR BA in RHETORIC AND COMMUNICATIONS**

**4-YEAR BA in RHETORIC AND COMMUNICATIONS**

**JOINT COMMUNICATIONS DEGREE/DIPLOMA (UW/RRC)**

## INTRODUCTION

The Department of Rhetoric, Writing, and Communications teaches both practical communicative skills and critical thinking about communicative texts and contexts. To prepare first-year students for success in university, our introductory courses provide instruction in academic writing. To prepare more advanced students for careers in communications and for participatory citizenship, our upper-level courses combine practical instruction in writing and public speaking with attention to the history, theory, and analysis of rhetoric and communication. The Department also houses the Tutoring Centre and Computer Writing Lab, both offering a range of resources for students to develop their writing abilities and prepare assignments.

In addition to discipline-specific writing courses at the introductory level (please see Course Listings for more information), the Department offers a 3-Year or 4-Year BA with a Major in Rhetoric and Communications. This program emphasizes the interpretation, evaluation, production, and precise editing of messages for a range of audiences, media, and purposes. Students in the Major practice writing in a variety of genres and read contemporary non-fiction, analyze visual and verbal arguments, trace the impact of print and electronic media on western culture, and—through the study of theory and close attention to textual practices—examine how ideology is embodied in discourse. Students with a BA in Rhetoric and Communications can enter graduate studies in such fields as Communications, Composition, Media Studies, and Rhetoric. They are also well prepared for public- and private-sector careers that depend on advanced analytical and communicative skills, especially in writing.

Also available is a 4-Year Degree/Diploma in Communications, offered jointly by the University of Winnipeg and Red River College. The Degree/Diploma balances a well-rounded liberal arts education with applied and workplace training to prepare students for careers in Journalism, Public Relations, Advertising, or Broadcast Production.

Requirements for the 3-Year and 4-Year BA and for the Joint Program in Communications are described below.

Students interested in either the Rhetoric and Communications Major or the Joint Degree/Diploma Program should contact the Department (786-9117) for basic information. Students are also encouraged to seek advice from faculty members about appropriate courses. A number of courses at the 2000-level or above may be taken for credit toward a major in English, or counted toward any degree as electives.

## REQUIREMENTS FOR A 3-YEAR BA IN RHETORIC AND COMMUNICATIONS

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department of Rhetoric, Writing, and Communications in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 30 credit hours / Maximum 48 credit hours in the Major subject.
Double Major:	30 credit hours in Rhetoric and Communications and specified number of credit hours in the other department/program.
Required Courses and Course Distribution for Single and Double Majors:	
Year 1:	6 credit hours from the First-Year Group.
Years 2 and 3:	Minimum 24/Maximum 42 credit hours. Three foundational 3 credit-hour courses (RHET-2131(3), RHET-2135(3), RHET-2137(3), for a total of 9 credit hours), and the remaining credits from the four course groups, including at least one course from each group (see below).

Combined Major: Minimum 48 credit hours from two different Majors with not less than 18 credit hours from each major subject.

Required Courses for a Combined Major:  
 RHET-2131(3), RHET-2135(3), RHET-2137(3)  
 RHET-3329(3) if other Major Area is in the Humanities or Social Sciences  
**OR**  
 RHET-3310(3) if other Major Area is in the Natural Sciences, OR another course relevant to the rhetoric of Science

## Course Groups

### First-Year Courses

Students taking the Rhetoric and Communications Major are required to take 3 credit hours of Academic Writing and 3 credit hours in English at the first-year level.

#### *Academic Writing* (3 credit hours)

Three credit hours of Academic Writing at the first-year level are required. Please note that there are no exemptions from this requirement for students majoring in Rhetoric and Communications. If a student takes RHET-1110(6) Academic Writing: Extended, only 3 credit hours will be counted towards the Major (although all 6 credit hours will count towards the degree). Students can choose one of the following Academic Writing designations:

RHET-1105(3)	Academic Writing: Humanities
RHET-1105(3)	Academic Writing: Links with the Disciplines
RHET-1105(3)	Academic Writing: Multidisciplinary
RHET-1105(3)	Academic Writing: Natural Sciences
RHET-1105(3)	Academic Writing: Social Sciences
RHET-1110(6)	Academic Writing: Extended
RHET-1110(6)	Academic Writing: Extended (EAL)

#### *English* (3 credit hours)

Students must also select 3 credit hours from the English courses listed here. If a student takes ENGL-1001(6), only 3 credit hours will be counted towards the Major (although all 6 credit hours will be counted towards the degree).

ENGL-1000(3)	English 1A
ENGL-1003(3)	English 1B
ENGL-1001(6)	English 1

### Upper Level Courses

The 3-year BA Degree requires all students taking a Major in Rhetoric and Communications to complete a minimum of 24/ maximum of 42 credit hours in upper level courses in the Major. Nine (9) of these credit hours must be met by taking the following foundation courses:

#### *Required Foundation Courses* (9 credit hours)

RHET-2131(3)	Professional Style & Editing
RHET-2135(3)	Rhetorical Criticism
RHET-2137(3)	Contemporary Communication Theories

Students must select the remaining 15 to 33 credit hours from 2000 and 3000 level courses below. Students must take at least 3 credit hours from each of the following four groups. Please note that most of these courses will be offered at least once every other year.

#### *Group One: Rhetoric* (minimum 3 credit hours required)

RHET-3138(3)	Modern Rhetorical Theory
RHET-3139(3)	Rhetorics of Visual Representation
RHET-3150(3)	Studies in the Rhetoric of Nonfiction
RHET-3152(3)	Rhetoric and the World Wide Web
RHET-3153(3)	Studies in the Rhetorics of Gender

#### *Group Two: Written and Oral Communication* (minimum 3 credit hours required)

EDUC-2601(3)	Introduction to Information Technology for Educators
RHET-2145(3)	Theories and Practices of Oral Communication
RHET-2246(3)	Revolutions in Communication
RHET-2505(1)	Tutoring Academic Writing
RHET-2510(1)	Tutoring with Technology
RHET-2520(1)	Tutoring Second Language Learners
RHET-3236(3)	Orality and Literacy
RHET-3250(3)	Composition Studies
RHET-3255(3)	Narrative Thinking and Writing

#### *Group Three: Specialized Communication* (minimum 3 credit hours required)

EDUC-4600(3)	Critical Literacy for Empowerment
RHET-2350(3)	Reading and Writing Online
RHET-3310(3)	Communicating Science
RHET-3320(3)	Forms of Inquiry in Written Communication
RHET-3329(3)	Rhetoric in the Humanities and Social Sciences
RHET-3330(3)	Investigative Journalism
RHET-3340(3)	Strategies for Technical and Professional Communication

*Group Four: Media, Communication, and Society* (minimum 3 credit hours required)

POL-3455(6)	Politics and the Mass Media
RHET-2246(3)	Revolutions in Communication
RHET-3151(3)	Critical Studies of Discourse
RHET-3420(3)	Rhetorics of Identity
SOC-3209(6)	Mass Communication and Popular Culture

**Notes:** <sup>1</sup>Students are advised that SOC-3209(6) Mass Communication and Popular Culture has a prerequisite.

<sup>2</sup>Though it is listed in Group Two and Group Four, RHET-2246(3) Revolutions in Communication cannot be used to meet group requirements for both.

#### *Additional Courses*

Students can also select from the following courses. RHET-2530(3) counts toward the Major but does not meet Group Requirements. RHET-3132(3) and RHET-3133(6) may or may not meet Group Requirements depending on course content. Please contact the Chair of the Department or Major advisor.

RHET-2530(3)	Rhetorical Grammar
RHET-3132(3)	Directed Readings in Rhetoric and Composition
RHET-3133(6)	Directed Readings in Rhetoric and Composition

## REQUIREMENTS FOR A 4-YEAR BA IN RHETORIC AND COMMUNICATIONS

**ADMISSION REQUIREMENT** Students must consult with a member of the Department of Rhetoric, Writing, and Communications in planning their course of study.

**GRADUATION REQUIREMENT** 120 credit hours

#### **RESIDENCE REQUIREMENT**

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

#### **GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Social Sciences: 12 credit hours  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum five different subjects

#### **MAJOR REQUIREMENT**

Single Major: Minimum 48 credit hours / Maximum 66 credit hours in the Major subject.  
Cognates: Minimum 24 credit hours / Maximum 30 credit hours from related Departments.

#### Required Courses:

Year 1: 6 credit hours from the First-Year Group.  
Years 2, 3 and 4: Minimum 42/maximum 60 credit hours. Four foundational 3 credit-hour courses (for a total of 12 credit hours), and the remaining credits from the four course groups, including at least one course from each group (see below).

Combined Major: Minimum 60 credit hours from two different Majors with not less than 24 credit hours from each major subject.

Required Courses: RHET-2131(3), RHET-2135(3), RHET-2137(3)  
RHET-3329(3) if other Major Area is in the Humanities or Social Sciences

#### **OR**

RHET-3310(3) if other Major Area is in the Natural Sciences, OR another course relevant to the rhetoric of Science

#### **Course Groups**

##### **First-Year Courses**

Students taking the Rhetoric and Communications Major are required to take 3 credit hours of Academic Writing and 3 credit hours in English at the first-year level.

##### *Academic Writing* (3 credit hours)

Three credit hours of Academic Writing at the first-year level are required. Please note that there are no exemptions from this requirement for students majoring in Rhetoric and Communications. If a student takes RHET-1110(6) Academic Writing: Extended, only 3 credit hours will be counted towards the Major (although all 6 credit hours will count towards the degree). Students can choose one of the following Academic Writing designations:

RHET-1105(3)	Academic Writing: Humanities
RHET-1105(3)	Academic Writing: Links with the Disciplines
RHET-1105(3)	Academic Writing: Multidisciplinary

RHET-1105(3)	Academic Writing: Natural Sciences
RHET-1105(3)	Academic Writing: Social Sciences
RHET-1110(6)	Academic Writing: Extended
RHET-1110(6)	Academic Writing: Extended (EAL)

*English (3 credit hours)*

Students must also select 3 credit hours from the English courses listed here. If a student takes ENGL-1001(6), only 3 credit hours will be counted towards the Major (although all 6 credit hours will be counted towards the degree).

ENGL-1000(3)	English 1A
ENGL-1003(3)	English 1B
ENGL-1001(6)	English 1

**Upper Level Courses**

The 4-year BA Degree requires all students taking a Major in Rhetoric and Communications to complete a minimum of 42/ maximum of 60 credit hours in upper level courses in the Major. Students must take the following foundation courses totalling 12 credit hours of the upper level requirement:

*Required Foundation Courses (12 credit hours)*

RHET-2131(3)	Professional Style & Editing
RHET-2135(3)	Rhetorical Criticism
RHET-2137(3)	Contemporary Communication Theories
RHET-3320(3)	Forms of Inquiry in Written Communication

Students must select the remaining 30-48 credit hours from the following four groups and must take 3 credit hours from each group. Please note that most of these courses will be offered at least once every other year.

*Group One: Rhetoric (minimum 3 credit hours required)*

RHET-3138(3)	Modern Rhetorical Theory
RHET-3139(3)	Rhetorics of Visual Representation
RHET-3150(3)	Studies in the Rhetoric of Nonfiction
RHET-3152(3)	Rhetoric and the World Wide Web
RHET-3153(3)	Studies in the Rhetorics of Gender

*Group Two: Written and Oral Communication (minimum 3 credit hours required)*

EDUC-2601(3)	Introduction to Information Technology for Educators
RHET-2145(3)	Theories and Practices of Oral Communication
RHET-2246(3)	Revolutions in Communication
RHET-2505(1)	Tutoring Academic Writing
RHET-2510(1)	Tutoring with Technology
RHET-2520(1)	Tutoring Second Language Learners
RHET-2601(3)	Introduction to Information Technology for Educators
RHET-3236(3)	Orality and Literacy
RHET-3250(3)	Composition Studies
RHET-3255(3)	Narrative Thinking and Writing

*Group Three: Specialized Communication (minimum 3 credit hours required)*

EDUC-4600(3)	Critical Literacy for Empowerment
RHET-2350(3)	Reading and Writing Online
RHET-3310(3)	Communicating Science
RHET-3329(3)	Rhetoric in the Humanities and Social Sciences
RHET-3330(3)	Investigative Journalism
RHET-3340(3)	Strategies for Technical and Professional Communication

*Group Four: Media, Communication, and Society (minimum 3 credit hours required)*

POL-3455(6)	Politics and the Mass Media
RHET-2246(3)	Revolutions in Communication
RHET-3151(3)	Critical Studies of Discourse
RHET-3420(3)	Rhetorics of Identity
SOC-3209(6)	Mass Communication and Popular Culture

**Notes:** <sup>1</sup>Students are advised that SOC-3209(6) Mass Communication and Popular has a prerequisite.

<sup>2</sup>Though it is listed in Group Two and Group Four, RHET-2246(3) Revolutions in Communication cannot be used to meet group requirements for both.

*Additional Courses*

Students can also select from the following courses. RHET-2530(3) counts toward the Major but does not meet Group Requirements. RHET-3132(3) and RHET-3133(6) may or may not meet Group Requirements depending on course content. Please contact the Chair of the Department or Major advisor.

RHET-2530(3)	Rhetorical Grammar
RHET-3132(3)	Directed Readings in Rhetoric and Composition
RHET-3133(6)	Directed Readings in Rhetoric and Composition

**Cognates (minimum 24 credit hours required)**

Students taking a 4-year Major in Rhetoric and Communications are required to complete a minimum 24 credit hours/maximum 30 credit hours in cognate courses. Cognate courses address important topics in communications or in closely related areas of study not covered by the Department of Rhetoric, Writing, and Communications. Please note that the following is only a partial list of courses that will qualify as cognates for the Major. Students should also consult with a faculty member when planning their program.

CRS-2252(3)	Conflict and Communication	FREN-2110(3)	Intermediate Written Expression
CRS-2431(3)	Negotiation Theory and Practice	PHIL-1301(6)	Introduction to Logical Reasoning
EDUC-2601(3)	Introduction to Information Technology for Educators	PHIL-2002(3)	History of Philosophy: Classical
EDUC-2611(2)	Information Technology Skills for Educators	PHIL-2372(3)	Philosophy of Language
ENGL-2802(3)	Syntax	PHIL-3301(6)	Argumentation
ENGL-2803(3)	Phonetics and Phonology	PSYC-2620(3)	Psycholinguistics
ENGL-2804(3)	Varieties of English	PSYC-3450(3)	Organizational Leadership and Decision Making
ENGL-3800(6)	Stylistics	PSYC-3480(3)	Interpersonal Communication
ENGL-3812(6)	A History of the English Language	REL-3601(3)	Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity
FREN-2109(3)	Normative Grammar		

## JOINT COMMUNICATIONS DEGREE/DIPLOMA (UW/RRC)

The University of Winnipeg offers a combined degree/diploma program in Communications in cooperation with Red River College. Generally, students begin at the University of Winnipeg, completing at least 60 credit hours before proceeding to Red River, where they take the two-year Creative Communications Program. The final 12 credit hours of University of Winnipeg courses must be taken during these two years at Red River College if the student wishes to graduate within four years; otherwise, these credit hours may be completed before or after attending Red River College. Students are granted block transfer of 48 credit hours for their Creative Communications Diploma and granted a B.A. in Communications once they have received their diploma and completed the prescribed 72 credit hours of study at the University of Winnipeg.

### APPLICATION PROCEDURES

Applications to the University of Winnipeg alone do not constitute applications to the Joint Communications Program. Students **must apply separately** to Red River College for admission to Creative Communications **at the same time** as they apply to the University of Winnipeg. In their applications to each institution, students must indicate their interest in the Joint Communications Program. If a student who has applied at both institutions begins the first year at UW in September 2009 and the application to Red River College is successful, the student will begin the Red River College part of the Program in September 2011. (If unsuccessful, students may reapply to Red River College during their years at the University of Winnipeg.) For more information please contact:

University of Winnipeg: Lois Martin, Admissions (786-9741)  
 Red River College: Beth Shoenut (949-8306); bshoenut@rrc.mb.ca

### GRADUATION REQUIREMENT 120 credit hours

Students must complete 72 credit hours of University of Winnipeg courses or the equivalent; at least 60 credit hours of these courses must be completed at the University of Winnipeg to satisfy the residency requirement. Students are granted transfer credit for a maximum of 48 credit hours for the Creative Communications Diploma completed at Red River College.

### RESIDENCE REQUIREMENT 60 credit hours

### GENERAL DEGREE/DIPLOMA REQUIREMENT

Science: 6 credit hours in Science. This 6 credit hour requirement can be fulfilled by a number of courses.  
 Writing: 3 credit hours in Academic Writing (RHET-1105(3)). This 3 credit hour course is offered throughout the year in a variety of time slots. Please note that there are no exemptions from this course for Communications students. For more information please contact Cathleen Hjalmeron, Department Assistant (RHET) at 786-9117, or Dr. Judith Kearns, Chair (RHET) at 786-9848.  
 Social Science: 12 credit hours in Social Science. This requirement can be fulfilled by a number of courses.  
 Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Students may include a maximum of 6 credit hours below the 1000 level in this category.  
 Distribution: Minimum three (3) credit hours from each of five (5) different subject areas.

#### Required Courses:

**ENGL-1001(6)** English I, OR **ENGL-1000(3)** English IA AND **ENGL-1003(3)** English IB. These options for 6 credit hours of English I are offered by the English Department either from September through April or, in condensed 12-week form, in the Spring term (May-July). For more information, please contact the Department Assistant, English Department, at 786-9292, or Dr. Murray Evans, Chair, English Department, at 786-9294.

#### 3 credit hours from the following list:

RHET-2131(3) Professional Style and Editing  
 RHET-2530(3) Rhetorical Grammar  
 RHET-3340(3) Strategies for Technical and Professional Communication

#### 3 credit hours from the following list:

RHET-2135(3) Rhetorical Criticism  
 RHET-3152(3) Rhetoric and the World Wide Web

RHET-3151(3) Critical Studies of Discourse

An additional 6 credit hours from courses offered by the Department of Rhetoric, Writing, and Communications (may include courses from the above lists).

A minimum of 18 credit hours of courses in a related subject area. All relevant courses offered by the Department of English satisfy this requirement. Courses may also be selected from **one** of the following clusters:

**Cluster One: Human Relations**

PSYC-2400(3)	Social Psychology I	RHET-2137(3)	Contemporary Communication Theories
PSYC-2410(3)	Social Psychology II	RHET/WGS-	Studies in Rhetorics of Gender
PSYC-3480(3)	Interpersonal Communication	3153(3)	
CRS-2252(3)	Conflict and Communication		

**Cluster Two: Marketing and Business**

HIST-2120(3)	History of Modern Business Enterprise	BUS-3271(3)	Marketing Research
HIST-2521(3)	Canadians at Work	BUS-4901(3)	Business Strategy
BUS-2103(3)	Organizational Behaviour	RHET-2137(3)	Contemporary Communication Theories
BUS-3230(3)	Advertising	RHET-3320(3)	Forms of Inquiry in Written Communication
BUS-3240(3)	Consumer Behaviour		

**Cluster Three: Performance and Production**

THFM-2410(6)	History of Film	THFM-2801(6)	Theoretical Production I
THFM-2310(6)	Filmmaking I	THFM-2803(3)	Intro to Light & Sound
THFM-3310(6)	Filmmaking II	RHET-3139(3)	Rhetoric of Visual Representation
THFM-2502(6)	Voice & Diction	RHET-2145(3)	Theories and Practices of Oral Communication
THFM-2611(3)	Introduction to Screenwriting		

**Cluster Four: Politics, Ethics, Culture**

HIST-2505(3)	Survey History of Canada, 1939- present	WGS-2260(3)	Girls, Women, and Popular Culture
HIST-3544(6)	History of Winnipeg	ENGL-2180(6)	Types of Popular Literature
PHIL-2202(6)	Ethics in Medicine and Law		Other relevant courses in English, History, Politics
POL-3455(6)	Politics and the Mass Media	RHET-3151(3)	Critical Studies of Discourse
		RHET-3401(3)	Rhetoric of the Public Sphere

**Note:** Students are encouraged to select from within their chosen cluster at least 3 credit hours of courses offered by the Department of Rhetoric, Writing, and Communications (RHET).  
Some of the courses listed above have prerequisites; please check individual Calendar listings.

**SUMMARY OF THE RED RIVER COLLEGE CREATIVE COMMUNICATIONS PROGRAM**

The Creative Communications Program at Red River College comprises four streams: Public Relations, Advertising, Broadcast Production, and Journalism. This program requires two terms each year of full-time course work and takes two years to complete. The program at Red River College generally accepts no more than 75 applicants per year. Courses in the first year of the Creative Communications Program include introductions to journalism, advertising, public relations, and electronic publishing; broadcast media; current events; style in journalism; and business communication. The second year of the Program provides further experience with broadcast media and requires practicums in public relations, advertising, broadcast production, and journalism.

**Note:** Students who have already fulfilled first-year requirements and/or who have completed the Creative Communications Diploma from RRC should contact Dr. Judith Kearns, Chair, Department of Rhetoric, Writing, and Communications, at 786-9848, for further information about upper-level courses and requirements.

**GENERAL INFORMATION**

**WRITING REQUIREMENT**

University of Winnipeg students who are required to take a writing course (see *Degree and Major Requirements* for all Arts and Science Degree Programs) may enrol in any one of a variety of sections of Academic Writing, which is offered in both 6 credit hour and 3 credit hour versions. Students who believe their ability as writers would benefit from the extended practice offered by the 6 credit hour course are encouraged to register in Academic Writing: Extended. These students may wish to consult with Academic Advisors about their decision.

All EAL students who feel that they would benefit from extra attention paid to language learning should enrol in an EAL section of this course.

**ADDITIONAL INFORMATION**

**Academic Writing may not be used to meet the Humanities requirement.** All upper level courses offered by the Department of Rhetoric, Writing, and Communications (with the exception of RHET-2530(3) Rhetorical Grammar) may be used to meet the Humanities requirement.

Students intending to transfer to the University of Manitoba should know that Academic Writing: Multidisciplinary, Academic Writing: Humanities, and Academic Writing: Links with the Disciplines fulfil the U of M requirement of 3 credit hours of Written English. However, Academic Writing does not fulfil the first-year English requirement for the U of M professional programs in Dentistry or Medicine, nor the Approved Arts Elective for Pharmacy.

Students registered in courses in Rhetoric, Writing, and Communications who do not attend class in the first week of the term risk losing their places to students on the waiting list.

## COURSE LISTINGS

### First Year Group

The Department of Rhetoric, Writing, and Communications offers multiple sections of its first-year courses in Academic Writing. Each section teaches rhetorical and compositional skills essential to all writing, such as the discovery of topics and theses, the arrangement of ideas, the assessment of audience and purpose, and the practice of writing recursively through revising multiple drafts. Problems with sentence construction, grammar, and punctuation are addressed as the need arises. Academic Writing is required for all students in the Rhetoric and Communications Major and the Joint Program in Communications.

**Note:** Only one 1000-level Academic Writing course may be used as credit toward graduation.

### INTRODUCTORY

#### 3 CREDIT HOUR COURSES

The options available to students taking the 3 credit hour version of Academic Writing fall into three general categories:

- Sections designed to prepare students for major fields of study (Academic Writing in the Humanities, the Social Sciences, and the Natural Sciences);
- Sections linked to introductory courses in specific disciplines (Academic Writing: Links with the Disciplines);
- Sections which take a multidisciplinary rather than a discipline-specific perspective (Academic Writing: Multidisciplinary and Academic Writing: Online).

The specific content and approach of each section vary

#### We also offer the following 6 credit hour versions of Academic Writing:

RHET-1110(6) Academic Writing: Extended  
RHET-1110(6) Academic Writing: Extended (EAL)

### RHETORIC AND COMMUNICATION COURSES

The Department of Rhetoric, Writing, and Communications offers the following courses:

RHET-2131(3) Professional Style and Editing  
RHET-2135(3) Rhetorical Criticism  
RHET-2137(3) Contemporary Communication Theories  
RHET-2145(3) Theories and Practices of Oral Communication  
RHET-2246(3) Revolutions in Communications  
RHET-2350(3) Reading and Writing Online  
RHET-2505(1) Tutoring Academic Writing  
RHET-2510(1) Tutoring with Technology  
RHET-2520(1) Tutoring Second Language Learners  
RHET-2530(3) Rhetorical Grammar  
RHET-3132(3) Directed Readings in Rhetoric and Composition  
RHET-3133(6) Directed Readings in Rhetoric and Composition  
RHET-3138(3) Modern Rhetorical Theory

according to the interests and expertise of individual instructors and according to students' needs.

Further information about these courses is available in the descriptions below. Students are advised to consult the Department or Academic Advisors for more details about individual sections of Academic Writing.

**Note: Information about prerequisites, corequisites, and restrictions for all sections of the 3 credit hour version of Academic Writing follows the description of the different options.**

RHET-3139(3) Rhetorics of Visual Representation  
RHET-3150(3) Studies in the Rhetoric of Nonfiction  
RHET-3151(3) Critical Studies of Discourse  
RHET-3152(3) Rhetoric and the World Wide Web  
RHET-3236(3) Orality and Literacy  
RHET-3250(3) Composition Studies  
RHET-3255(3) Narrative Thinking and Writing  
RHET-3310(3) Communicating Science  
RHET-3320(3) Forms of Inquiry in Written Communication  
RHET-3329(3) Rhetoric in Humanities and Social Sciences  
RHET-3330(3) Investigative Journalism  
RHET-3340(3) Strategies for Technical and Professional Communication  
RHET-3420(3) Rhetorics of Identity

The following course is cross-listed with Women's Studies:  
RHET-3153(3) Studies in the Rhetorics of Gender

## COURSE DESCRIPTIONS

### NOTE: FOR ALL SECTIONS OF RHET-1105(3)

**RESTRICTIONS:** RHET-1105(3) may not be taken by students with standing in the former CAW-1105(3), CAW-1110(6), ENGL-1100(3), ENGL-1101(3), ENGL-1121(3), or ENGL-1122(3). Students with standing in the former ENGL-0100(3) (Fundamentals of Rhetoric) must register in a 3 credit hour version of Academic Writing in order to satisfy the writing requirement.

### RHET-1105(3) ACADEMIC WRITING: THE HUMANITIES

**(Le3)** Designed for students who are likely to major in a discipline in the Humanities, this course will focus on topics, forms of writing, and methods of research common to such fields as History, English, and Philosophy. Assignments may include summaries, reviews, critiques, and argumentative papers. Students will be introduced to the MLA conventions for documenting sources, and will learn to search scholarly literature through periodical indexes commonly used in the Humanities, such as the MLA International Bibliography, the

History Index, and the Humanities Index.

### RHET-1105(3) ACADEMIC WRITING: THE SOCIAL SCIENCES (Le3)

Students who are likely to major in a discipline in the Social Sciences may wish to enrol in this course, which focuses on topics, forms of writing, and methods of research common to such fields as Economics, Politics, and Sociology. Assignments may include summaries, literature reviews, and research papers. Students will be introduced to the APA conventions for documenting sources, and will learn to



search scholarly literature through periodical indexes commonly used in the Social Sciences, such as the Social Sciences Index, Abstracts in Anthropology, Psychological Abstracts, Sociological Abstracts, and PAIS International in Print.

**RHET-1105(3) ACADEMIC WRITING: THE NATURAL SCIENCES (Le3)** Designed for students who are likely to major in a discipline in the Natural Sciences, this course will focus on topics, forms of writing, and methods of research common to such fields as Biology, Chemistry, and Physics. Assignments may include summaries, critiques, research proposals, lab reports, and research papers. Students will be introduced to the number system for bibliographies and other conventions for documenting sources, and will learn to search scholarly literature through periodical indexes commonly used in the Natural Sciences, such as the General Science Index, the Index to Scientific and Technical Proceedings, and various computer indexes.

**RHET-1105(3) ACADEMIC WRITING: LINKS WITH THE DISCIPLINES (Le3)** Several sections of Academic Writing have been linked with introductory sections in disciplines such as History, Sociology, Administrative Studies, Biology, and Environmental Studies. Students who are registered in the discipline-specific courses are also enrolled in an Academic Writing course which concentrates on the texts, topics, methods of research, and forms of writing appropriate to that discipline. These links are managed in different ways from section to section; students may wish to consult information available at Registration.

**RHET-1105(3) ACADEMIC WRITING: MULTIDISCIPLINARY (Le3)** For students who are uncertain about their field of study, the Department of Rhetoric, Writing, and Communications offers several sections of Academic Writing which take a multidisciplinary rather than a discipline-specific perspective. The approach taken in each section (the nature of assignments, for instance, or the extent to which readings are incorporated into the course) will vary. Some recent versions of the course have focused on such areas as advertising, gender, and language. Other versions have asked students individually to identify academic topics of interest and to enrich their understanding of these topics through writing and research. Students are advised to consult material available at registration which describes the focus and approach of each section.

**RHET-1110(6) ACADEMIC WRITING: EXTENDED (Le3)** This course is designed to give students extensive opportunities to further develop their writing abilities. As in the 3 credit hour version of Academic Writing, students will learn the rhetorical and compositional skills essential to all writing. In addition, this 6 credit hour version of Academic Writing will give students intensive practice in such areas as generating, evaluating, and developing ideas logically, supporting arguments with evidence, and gathering and documenting information from a variety of sources. The approach taken in each section will vary. Students are advised to consult material available at registration which describes the focus and approach of each section.

**PREREQUISITES:** For ESL students, a score of 3.5 on writing component of CanTEST or TWE, or 5.5 on IELTS writing.  
**RESTRICTIONS:** May not be taken by students with standing in the former CAW-1105(3), CAW-1110(6), ENGL-0100(3), ENGL-1100(3), ENGL-1101(3), ENGL-1121(3), or ENGL-1122(3).

**RHET-1110(6) ACADEMIC WRITING: EXTENDED (EAL) (Le3)** This course pays special attention to the needs of EAL students. It is designed to give students extensive opportunities to develop their writing abilities. As in other versions of Academic Writing, students will learn the rhetorical and compositional skills essential to all writing. In addition, this course gives students extensive practice in such areas as generating, evaluating, and developing ideas logically, supporting arguments with evidence, and gathering and

documenting information from a variety of sources. The approach taken in each section varies. Students should consult material available at registration which describes the focus and approach of each section.

**PREREQUISITES:** A score of 3.5 on writing component of CanTEST or TWE, or 5.5 on IELTS writing.

**RESTRICTIONS:** May not be taken by students with standing in the former CAW-1105(3), CAW-1110(6), ENGL-0100(3), ENGL-1100(3), ENGL-1101(3), ENGL-1121(3), or ENGL-1122(3).

**RHET-2131(3) PROFESSIONAL STYLE AND EDITING (Le3)** This course teaches students to revise their prose, not for new ideas but for better phrasing of the ones they already have. Students will learn how to write in several prose styles and to edit each other's work professionally in terms of stylistic (rather than only grammatical) criteria. The course will include a number of short style exercises as well as longer essays, and a great deal of practice in editing. It will be a great help for anyone intending to write polished term papers or theses, not to mention business memos.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communication must complete RHET 1105(3) or 1110(6) before taking an upper-level RHET course.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption for the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-2135(3) RHETORICAL CRITICISM (Le3)** This course is recommended for students whose interests extend beyond the kinds of literature traditionally studied in English courses. The emphasis will be on non-literary texts and on language used to persuade – on media talk and advertising copy; on political speeches, campaigns, and editorials; on popular and professional essays. For the rhetorical critic, such uses of language are considered worthy of close analysis not because they have lasting aesthetic value, but because they reveal cultural values and social trends. Students in this course will examine a variety of nonfiction in order to develop the perspective of rhetorical criticism, which views language acts as responses to historical circumstances, addressed to particular audiences and motivated by particular goals. Contemporary, written texts will comprise the bulk of the reading in the course, but speeches and pre-modern texts may also be considered. In addition, students will be encouraged to suggest other readings (including magazine and newspaper articles) that are suitable for rhetorical analysis.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-2137(3) CONTEMPORARY COMMUNICATION THEORIES (Le3)** Communication theories explain the way human beings interact verbally, at levels ranging from the interpersonal to the organizational. In this course, students are introduced to some of the major contemporary theories and practices pertaining to individual and group communication. These theories include (but are not limited to) social construction, symbolic interactionism, cultural criticism, dramatism, hermeneutics, standpoint theory, ethics, relational theories, and gender-based approaches. Readings are drawn from contemporary North American and European theorists. A variety of written and oral assignments invite students to apply their understanding of these theories to practical, even everyday communicative situations.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this

course.

**RHET-2145(3) THEORIES AND PRACTICES OF ORAL COMMUNICATION (Le3)** The goals of this course are twofold: to develop students' critical analysis of others' speeches and to improve their own speaking skills (in both speech design and delivery). This course covers such topics as speech organization and purpose, audience attitude, paralinguistic communication, intonation patterns, and rhetorical strategies of persuasion and debate. A course which bridges praxis and theory, it includes performative and analytical components: students will deliver speeches in class and submit written work. **PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-2246(3) REVOLUTIONS IN COMMUNICATION (Le3)** This course provides students with an historical overview of communication, focussing particularly on those periods in which human relations were dramatically influenced by a shift from one communicative medium to another. After briefly considering the early use of pictorial symbols, the emergence of language, and the development of writing, the course examines some of the profound social changes effected in the western world by the fifteenth-century invention of the printing press. Finally, we focus on the revolutionary impact of twentieth-century communicative technologies: radio, telephone and then the computer and the Internet, the effects of which are so wide-ranging that we have only begun to assess them. **PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-2350(3) READING AND WRITING ONLINE (Le3)** This course is designed as an introduction to reading and writing texts on the World Wide Web. Just as computers have become the tools of choice for composition, so networks have become a medium of choice for publication. Students will learn the effects of the following contexts on writing: real time, synchronous communication (MOOs, chat software); anytime asynchronous communication (E-mail, discussion lists); and various web publications. Emphasis will be on reader awareness in evaluating the credibility of material in the on-line environment, and on creating web pages that demonstrate knowledge of the conventions of both hypertext and visual design. **PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-2505(1) TUTORING ACADEMIC WRITING (LeV)** This one credit hour course is designed to provide background in composition theory and principles of peer tutoring. One of the outcomes of this course is that students will be considered for employment as tutors in the Department of Rhetoric, Writing, and Communications. The course introduces students to such topics as the composing process, methods of writing assessment, the rhetorical norms and expectations of different disciplines, and the ethical responsibilities of the tutor in a peer relationship. Students will learn to assess and comment on samples of student writing. Some attention will be paid to the special needs of ESL students. **PREREQUISITES:** Grade of B or better in RHET-1105(3) or in any upper-level course offered by the Department or permission of instructor. **RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3301(3), EDUC-3302(3), EDUC-3303(3), or EDUC-3305(3).

**RHET-2510(1) TUTORING WITH TECHNOLOGY (LeV)** Tutoring with Technology builds on the peer tutoring principles of RHET-2505(1). In this course, students will become familiar with the hardware and software in the Computer Writing Lab and will learn how these resources can be used for both face-to-face and on-line tutoring. The following topics will assist prospective tutors in understanding and applying technology to the peer tutoring process: word processing functions for revising and editing essay drafts; invention and revision software; asynchronous on-line tutoring (e-mail); synchronous on-line tutoring (MOO); accessing and citing on-line writing, library, and research resources; and joining discussion lists. Students who wish to take this course should have some basic computer knowledge and have a minimum keyboarding speed of 25 words per minute. **PREREQUISITES:** RHET-2505(1). **RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3301(3), EDUC-3302(3), EDUC-3303(3), or EDUC-3305(3).

**RHET-2520(1) TUTORING SECOND LANGUAGE LEARNERS (LeV)** This course builds on the peer tutoring principles of RHET-2505(1) and prepares students for tutoring second language learners. It will introduce aspects of second language acquisition and will address topics such as language register, grammar and academic styles, first language interference, paraphrase, plagiarism, and citation. Cultural differences in learning styles will be considered, as well as affective elements of second language learning. Students will also analyze sentences to increase their own awareness of English sentence grammar and style. **PREREQUISITES:** RHET-2505(1). **RESTRICTIONS:** May not be taken by students with standing in the former EDUC-3301(3), EDUC-3302(3), EDUC-3303(3), or EDUC-3305(3).

**RHET-2530(3) RHETORICAL GRAMMAR (Le3)** This course sharpens students' ability to edit efficiently at the sentence and paragraph levels. Through close analysis of examples, students first acquire a vocabulary for discussing grammar, syntax, and error that refines their understanding of English sentence structures. With these tools, students can identify structural flaws more precisely and thoroughly and better distinguish between errors and stylistic choices. The relationship between sentences – cohesion, unity, and emphasis – is then considered, and students are briefly introduced to fundamentals of style. Hands-on and skills-centred, this course includes many editing exercises. **PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-3132(3) DIRECTED READINGS IN RHETORIC AND COMPOSITION (Le3)** This course provides students with the opportunity to undertake research in Rhetoric and/or Composition in their particular areas of interest. Students will arrange a program of reading and individual study in consultation with an appropriate instructor. **PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-3133(6) DIRECTED READINGS IN RHETORIC AND COMPOSITION (Le3)** This course provides students with the opportunity to undertake research in Rhetoric and/or Composition in their particular areas of interest. Students will arrange a program of reading and individual study in consultation with an appropriate instructor. **PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption

for the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RHET-3138(3) MODERN RHETORICAL THEORY (Le3)** In what circumstances should we be persuaded by an argument? Will the quality of public debate decline as our society becomes increasingly pluralistic? How have the electronic media changed the way in which public debates are conducted? What are the connections among language, thought, and culture? These and similar questions about the exchange of ideas in society are the kinds of questions that interest rhetorical theorists. In this course, we will focus particularly on topics that have been at the centre of rhetorical theory for the past thirty years: the claim that all uses of language are to some degree rhetorical; the changing perception of how we persuade others and the recognition that various communities value diverse kinds of argumentation; the theory that rhetoric is a means by which both the individual and the community discover knowledge; the connections between rhetorical theories and theories of literary criticism. Works by the following authors are likely to be considered (though the texts selected will vary from term to term): James Berlin, Wayne Booth, Kenneth Burke, James Kinneavy, Karen Burke Le Fevre, Chaim Perelman, Ann Berthoff, and Richard Weaver.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RESTRICTIONS:** May not be taken by students with credit in RHET-2138(3).

### **RHET-3139 (3) RHETORICS OF VISUAL REPRESENTATION**

**(Le3)** This course provides a systematic and comprehensive account of the grammar and rhetoric of visual design. By looking at the formal structures of design – colour, perspective, arrangement, and materiality – students examine the ways in which images communicate meaning. This course draws on a considerable range of examples to demonstrate the differences and the similarities between the grammar of language and that of visual communication. Given the influence and sophistication of visual texts and their relative neglect in scholarship, visual critique is important and necessary.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RESTRICTIONS:** May not be taken by Students with credit in RHET-2139(3).

### **RHET-3150(3) STUDIES IN THE RHETORIC OF NONFICTION**

**(Le3)** This course examines nonfiction as a creative, constructive art, one that is fact-based but also draws on a wide range of literary and rhetorical resources to entertain, inform, and persuade readers. Since nonfiction encompasses a variety of genres – travel and adventure literature, memoir and biography, nature writing, the personal essay, the polemical essay, and New Journalism, to name just a few – the focus in any given year will depend on the instructor's interests and selection of readings. But whatever the focus, the course considers each text as both rhetorical and literary, taking into account the context of its writing and intended audience, its author's purposes, its central ideas, its structure, and its style.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

### **RHET-3151(3) CRITICAL STUDIES OF DISCOURSE (Le3)**

Critical studies of discourse enable us to identify the ways that culturally prominent systems of value-laden language produce the forms and limits of probable (and even possible) thoughts and values. For example, patriotic discourses operate to legitimate the power of some groups in our culture, while making it seem equally logical to deny the rights of others. In this course, students learn techniques developed in the field of rhetorical studies for contributing to social change by recognizing, analyzing, and challenging the terms of discourse. Course assignments emphasize analysis of personal and public texts as speech acts that provide insight into the workings of the larger discourse in which they participate.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

### **RHET-3152(3) RHETORIC AND THE WORLD WIDE WEB**

**(Le3)** The World Wide Web has become an integral part of our lives as students, researchers, consumers, and communicators. This course introduces theories and strategies for evaluating and assessing the Web as a rhetorical and social space.

Readings and assignments invite students to analyze web page design and content from a variety of theoretical perspectives, as well as evaluate the impact of the Web on communication practices. In addition to rhetorical theory, critical perspectives may include hypertext and cognition, visual and design literacy, cyberfeminism, and online interpersonal relations. This course may also be offered online.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

### **RHET-3153(3) STUDIES IN THE RHETORICS OF GENDER**

**(Le3)** This course focuses on issues growing from the complex interaction of gender and language use, with a particular focus on written texts. Beginning with an overview of research on the relationship between gender and communicative behaviour, including feminist critiques of language, it considers such topics as the following: the rhetorics of women's movement and of contemporary men's movements; verbal (and, to a lesser extent, visual) constructions of masculinity and femininity in advertising and the media; innovative uses of language which resist and subvert prevailing conceptions of appropriate communicative behaviour; and the rhetoric of public debates over issues such as abortion and reproductive technologies, in which gender is a central factor.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**CROSS-LISTED:** Women's Studies WGS-3153(3).

### **RHET-3236(3) ORALITY AND LITERACY (Le3)**

About 2700 years ago, Greeks began using the alphabet. A number of scholars believe that human consciousness changed dramatically when hitherto purely "oral" people became literate, and especially that literacy made abstract thought far more convenient and far more common. They argue that "oral" people think and interact and conceive themselves differently than literate ones, and that literacy led to a new sense of independent selfhood, and inevitably to democracy. A few believe that electronic media are renewing orality in Western cultures, and that we can blame such problems as the literacy crisis on radio and television. The course will examine these

and related arguments in the work of such scholars as Albert Lord, Eric Havelock, Walter Ong, Jack Goody and Neil Postman.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communication must complete RHET 1105(3) or 1110(6) before taking an upper-level RHET course.

**RESTRICTIONS:** May not be taken by students with credit in RHET-2136(3).

**RHET-3250(3) COMPOSITION STUDIES (Le3)** This course introduces the main theories, topics, and issues in the field of composition, including theories of the composing process; writing pedagogy; the place of the writer in the university; the relationships among writing, gender, culture, and race; and the effect of new communicative technologies on the composing process. Students rehearse many of the processes and techniques considered in the course, and they may be required to carry out a data-based research project in composition, involving systematic observation and analysis of the composing process.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

### **RHET-3255(3) NARRATIVE THINKING AND WRITING (Le3)**

Students in this course consider narrative as a way of thinking or mode of knowing, rather than as a method of transcription. They focus on the narrative methodologies of autobiographical criticism and ethnography by examining texts that represent early and recent examples of each. Working with autobiographical criticism, students consider how feminist theory has been instrumental in the development of criticism that foregrounds the connection between self and text. Turning to ethnography, students examine changes in the relationship between observer and field. In addition to considering these issues as readers of narrative, students are asked to write narratives that engage issues requiring analysis and to reflect on how narration both enables and inhibits the development of ideas.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RESTRICTIONS:** May not be taken by Students with credit for RHET-2150(3).

**RHET-3310(3) COMMUNICATING SCIENCE (Le3)** This course focuses on strategies and techniques for communicating scientific knowledge. It is designed not only for students in the natural sciences but also for students from other disciplines who are interested in popular science writing or who anticipate entering careers which call for science writing. Students examine a range of genres, from technical to popular, in order to recognize how scientists communicate new knowledge and to identify the conventions and styles of the sciences. Students practice writing several genres, each genre addressing a specialist or a non-specialist audience. Students practice writing several genres, each genre addressing a specialist or a non-specialist audience.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

### **RHET-3320(3) FORMS OF INQUIRY IN WRITTEN**

**COMMUNICATION (Le3)** This course examines the methods and methodologies of the research community that takes writing

as its subject—defining *method* as a technique of gathering evidence and *methodology* as the underlying theory and analysis of how research proceeds. We review how the community of researchers formed since the 1960's has relied upon diverse ways to make knowledge about writing and writing processes. Students examine qualitative approaches that are common or that are gaining prominence in this community, with emphasis on ethnography, case study and teacher research narrative. The influences of feminism, pluralism, and collaborative scholarship are also considered. Students will become familiar with these methods by reading theory and research and by conducting their own research project.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RESTRICTIONS:** May not be taken by students with credit in the former RHET-4320(3).

### **RHET-3329(3) RHETORIC IN THE HUMANITIES AND SOCIAL SCIENCES (Le3)**

This course assumes that there are as many academic rhetorics as there are academic disciplines. In every discipline, writing is a process of inquiry and argumentation, guided by the writer's trained sense of important problems and gaps in knowledge. However, the means of discovering such gaps and of seeking, selecting, and presenting information that might "fill" them vary significantly from one discipline to another. By reading representative texts and practising various academic genres, students in this course learn to recognize the norms of disciplinary rhetorics, develop the particular rhetorical abilities required in the broad discipline areas we call the Humanities and the Social Sciences, and refine skills considered essential to all academic writing. The main goal is to heighten students' awareness of academic expectations and increase their rhetorical flexibility.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RESTRICTIONS:** May not be taken by students with credit in ENGL-2110(3), ENGL-2181(3), ENGL/RHET-2130(3), or RHET-2129(3).

### **RHET-3330(3) INVESTIGATIVE JOURNALISM (Le3)**

This course provides an overview of the history, theory and practice of investigative journalism in Canada, placing the form in historical context and surveying its major practitioners in print and broadcast. The theoretical framework of investigative journalism is analyzed and parallels are drawn to social sciences. Students learn some practical tools of the investigative journalist, including search strategies, chronologies, computer-assisted reporting, online research methods, study and analysis of public records, and access-to-information methods. The ethics and legalities of investigative journalism are surveyed and case studies analyzed.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

### **RHET-3340(3) STRATEGIES FOR TECHNICAL AND**

**PROFESSIONAL COMMUNICATION (Le3)** Increasingly, workplaces are expecting university graduates to be not only good critical thinkers but good communicators, able to convey concepts clearly and effectively to a variety of audiences. This course provides an overview of ways to communicate in non-academic technical and professional settings. Each assignment will stress that a critical analysis of purpose, situation, context, and readership is essential for making effective, appropriate, and ethical choices as technical and professional communicators. Students will plan, draft, edit, and design

documents for a variety of audiences and situations. Assignments will include business correspondence, resumes, technical descriptions, instructions, documentation, public brochures, and a short report on a topic within each student's main disciplinary area. Uses and design of electronic correspondence and on-line information will also be discussed.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**RESTRICTIONS:** May not be taken by Students with credit in RHET-2140(3).

**RHET-3420(3) RHETORICS OF IDENTITY (Le3)** This course investigates the relationships between discourse and identity. Examining discursive constructions of representation, the course explores how discourse reflects, produces, and

reproduces "difference" topics such as race, gender, class, sexual orientation, and disability. It considers how communicative and suasive language shapes and privileges particular identities, and investigates how difference shapes literate practices in representations of the national, local, and academic. Drawing connections between intellectual institutions and social privilege, the course also explores power and identity politics, examining the reciprocal relationship between language and ideology.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 24 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

# SOCIOLOGY (SOC)

**Note: The department/program code SOC replaces the former code 50. Students cannot hold credit in SOC-xxxx and the former 50.xxxx having the same course number (e.g., SOC-1101(6) and 50.1101(6)).**

**Chair: Professor B. Edginton;** Professor Emeritus: D.A. Chekki; Professors: D.J. Cheal, P. Ghorayshi, J. Novek; Associate Professors: C. Fillmore, C. Goff, M. Owen, D. Smith, P. Stevenson; Assistant Professors: A. Failler, K. Kramar, H. Rimke, H. Rosenbaum; Instructors: K. Ducey, J. Franklin, H.-H. Loewen  
<http://www.uwinnipeg.ca/academic/as/sociology/index.html>

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**4-Year BA**

**Honours BA**

**Methods Certificate**

## INTRODUCTION

Sociology is a social science that focuses on the way people relate to one another. More precisely, sociologists focus on the investigation and analysis of the structure, function, and purpose of various types of groups and organizations, their social processes and ways of behaving and how they change over time. Sociology is a dynamic discipline and here at the University of Winnipeg is presented in a number of separate but overlapping fields: Culture and Society; Individual and Society; Criminology; Work and Technology; Family and Gender; Urban Community & Development; and Health and Society. The currency, variety, and depth of courses in these fields allows students to develop a sound understanding of how the social world works and how this knowledge can be applied to a wide variety of pursuits.

The Sociology Department offers 3-Year BA, 4-Year BA, and Honours degree programs. A student whose Major lies in a different area may still study Sociology as an elective. Courses in Sociology complement such areas as Politics, History, Psychology, Education, Criminal Justice, Women's and Gender Studies and Environmental Studies. Some interdisciplinary majors require certain Sociology courses as part of their programs.

An undergraduate degree in Sociology enables one to pursue a variety of vocations in such areas as social welfare, criminal justice, government, research, industrial relations and administration. Provincial and federal government offices hire a large number of persons with a Sociology background. And, of course, those who wish to go on to graduate studies may pursue a career in university teaching and research. Sociology can be of use to people in all lines of endeavour in helping them to understand themselves and others, and the systems in which we as humans find ourselves.

## REQUIREMENTS FOR A 3-YEAR BA IN SOCIOLOGY

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours.  
Double Major: 30 credit hours in Sociology and specified number of credit hours in the other department/program.  
Required courses:

**SOC-1101(6)** Introduction to Sociology  
**SOC-2114(6)** Sociological Theory  
**SOC-2125(3)** Introduction to Quantitative Research Methods (meets the University Science Requirement)  
**SOC-2126(3)** Introduction to Research Design and Qualitative Research

**Note:** These requirements apply to students who registered at the University of Winnipeg during or after the 1992-93 academic year.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

**SOC-1101(6)** Introduction to Sociology  
**SOC-2114(6)** Sociological Theory  
**SOC-2125(3)** Introduction to Quantitative Research Methods  
**SOC-2126(3)** Introduction to Research Design and Qualitative Research

Other required courses depend on the second major area.

## REQUIREMENTS FOR A 4-YEAR BA IN SOCIOLOGY

<b>ADMISSION REQUIREMENT</b>	Students must consult with the department advisor in planning their studies. Students must have completed at least 30 credit hours.
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 48 credit hours/Maximum 66 credit hours.
Double Major:	48 credit hours in each Major subject as specified by the department/program.
Cognates:	Minimum of 18 credit hours/Maximum of 36 credit hours in ancillary courses. Maximum total of cognate and major courses is 84 credit hours combined.
Required courses:	
<b>SOC-1101(6)</b>	Introduction to Sociology
<b>SOC-2114(6)</b>	Sociological Theory
<b>SOC-2125(3)</b>	Introduction to Quantitative Research Methods
<b>SOC-2126(3)</b>	Introduction to Research Design and Qualitative Research
Students must maintain a 2.0 GPA (C).	
Students must consult with the Departmental Chair in planning their curriculum; cognate courses will be chosen to complement the Sociology program.	
Combined Major:	Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.
Prescribed courses:	
<b>SOC-1101(6)</b>	Introduction to Sociology
<b>SOC-2114(6)</b>	Sociological Theory
<b>SOC-2125(3)</b>	Introduction to Quantitative Research Methods
<b>SOC-2126(3)</b>	Introduction to Research Design and Qualitative Research

## REQUIREMENTS FOR AN HONOURS BA IN SOCIOLOGY

<b>ADMISSION REQUIREMENT</b>	
Entry into the program after completing a minimum of 30 credit hours.	
Entry, continuing and graduation minimum GPA is 3.0 (B) in Honours Subject courses and 2.5 (C+) in Non-Honours Subject courses.	
The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours Subject courses.	
The minimum 2.5 GPA (C+) in all Non-Honours Subject courses will be calculated as for the general degree (ie., F's are not included, and in the case of repeated courses, only the highest grade will be used).	
<b>GRADUATION REQUIREMENT</b>	Minimum 120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including a minimum of 18 credit hours at the upper level (3000/4000) of which a minimum of 9 credit hours must be at the 4000 level.
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>HONOURS REQUIREMENT</b>	
Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject. Minimum 30 credit hours in 4000-level Honours courses.
Double Honours	Minimum 36 credit hours in each Honours subject Minimum 24 credit hours in 4000-level Honours courses in the Sociology component of the double

Honours. For the requirements of the other Honours subject, consult the department involved.

Required courses Single Honours:

- SOC-1101(6)** Introduction to Sociology
- SOC-2114(6)** Sociological Theory
- SOC-2125(3)** Introduction to Quantitative Research Methods
- SOC-2126(3)** Introduction to Research Design and Qualitative Research
- SOC-4405(6)** Honours Research Paper

Suggested Pattern of Study:

- Year 1: **SOC-1101(6)** Introduction to Sociology
- Year 2: **SOC-2114(6)** Sociological Theory, 6 additional credit hours at the 2000 or 3000 level in Sociology.
- Year 3: **SOC-2125(3)** Introduction to Quantitative Research Methods, **SOC-2126(3)** Introduction to Research Design and Qualitative Research, 12 credit hours at the 4000 level in Sociology.
- Year 4: **SOC-4405(6)** Honours Research Paper, 12 additional credit hours at the 4000 level in Sociology.
- Recommended: Single Honours students are strongly advised to include **SOC-4401(6)**, **SOC-4116(3)** and **SOC-4126(3)** in their Honours courses.

Double Honours:

- SOC-1101(6)** Introduction to Sociology
- SOC-2114(6)** Sociological Theory
- SOC-2125(3)** Introduction to Quantitative Research Methods
- SOC-2126(3)** Introduction to Research Design and Qualitative Research
- SOC-4405(6)** Honours Research Paper

Suggested Pattern of Study:

- Year 1: **SOC-1101(6)** Introduction to Sociology
- Year 2: **SOC-2114(6)** Sociological Theory, 6 additional credit hours at the 2000 or 3000 level in Sociology.
- Year 3: **SOC-2125(3)** Introduction to Quantitative Research Methods, **SOC-2126(3)** Introduction to Research Design and Qualitative Research, 12 credit hours at the 4000 level in Sociology.
- Year 4: **SOC-4405(6)** Honours Research Paper, 12 additional credit hours at the 4000 level in Sociology.
- Recommended: Double Honours students are strongly advised to include **SOC-2114(6)** Sociological Theory as preparation for **SOC-4401(6)** Seminar in Sociological Theory and to include **SOC-4401(6)**, **SOC-4116(3)** and **SOC-4126(3)** in their honours courses.

**Note:** 6 credit hours at the 4000 level may be taken in Year 2.

Maximum 12 credit hours at the 4000 level may be taken as Tutorials, not including **SOC-4405(6)** Honours Research paper.

## GENERAL INFORMATION

### Prerequisites

- SOC-1101(6)** Introductory Sociology is the prerequisite for registration in all Sociology courses at the 2000 level and higher, unless a prerequisite waiver is obtained.
- SOC-2107(3)** Criminological Theory is a prerequisite for all other criminology courses.

### Course Offerings

2000- and 3000-level courses may be either lecture, seminar or laboratory format, or some combination of these, depending on the orientation of the Instructor and the course enrolment. Usually they are lecture format.

4000-level courses are designed to offer the opportunity for in-depth discussion and analysis of issues and ideas on topics in which the Department members have special interest and expertise. Although 4000-level courses assume some prior experience with the subject under study, previous work experience, a keen interest in the topic or merely a strong desire to gain valuable experience from participating in a small group setting may be enough to outweigh lack of previous course experience. Students must consult with the Sociology Honours Advisor to receive program approval.

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses. (Students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses). Permission of the Department is required for each 4000-level course.

## METHODS CERTIFICATE

Sociology offers an 18 hour "Research Methods Certification" to students who graduate with SOC-2125(3), SOC-2126(3), plus 12 other methods credits from the following: SOC-3116(3), SOC-4116(3), SOC-4126(3) and SOC-4800(6). An average grade of B is required for the certificate.

## COURSE LISTINGS

The Sociology Department has organized its courses into seven areas of study. These divisions are provided as guidelines to areas of study available for concentration. Students can move freely between the areas of study if they do not want to develop a concentration.

Courses are listed in numerical sequence. Students are advised to consult with the Department for planning their curriculum and with the Timetable available from the Records Office for courses being offered in the upcoming session.

SOC-1101(6) Introduction to Sociology	SOC-3116(3) Applied Research Methods
SOC-2114(6) Sociological Theory	
SOC-2125(3) Introduction to Quantitative Research Methods	
SOC-2126(3) Introduction to Research Design and Qualitative Research	
	<b>AREA 1</b>
	<b>CULTURE AND SOCIETY</b>
	SOC-2105(6) Race, Ethnic and Aboriginal Relations



SOC-2110(6) Social Change  
 SOC-2113(3) Canadian Society  
 SOC-2307(3) Sociology of Youth  
 SOC-2308(3) Critical Social Issues  
 SOC-3209(6) Mass Communication and Popular Culture

**AREA 2**

**INDIVIDUAL AND SOCIETY**

SOC-1003(3) Introduction to Disability Studies I  
 SOC-1004(3) Introduction to Disability Studies II  
 SOC-2103(6) Sociology of the Family  
 SOC-2105(6) Race, Ethnic and Aboriginal Relations  
 SOC-2115(6) Sociology of Socialization and Development  
 SOC-2118(6) Sex and Gender Relationships  
 SOC-2201(3) Sociology of Aging  
 SOC-2307(3) Sociology of Youth  
 SOC-3118(6) Women in Society  
 SOC-3209(6) Mass Communication and Popular Culture  
 SOC-3101(6) Globalization and Social Justice: A Sociological Perspective  
 SOC/WGS-3212(6) Sociology of the Body  
 SOC-4408(6) Seminar in Socialization and Development  
 SOC-4410(6) The Life Cycle: Middle and Later Years

**AREA 3**

**CRIMINOLOGY**

SOC-1006(3) Beginnings in Law and Criminology  
 SOC-2107(3) Criminological Theory  
 SOC-2108(3) Social Regulation  
 SOC-2119(6) Sociology of Law  
 SOC-3123(3) Crime, Victimization, and Justice in Aboriginal Communities  
 SOC-3201(3) Sociology of Youth Justice  
 SOC-3203(3) Theories of Penalty  
 SOC-3205(3) Policing, Governance and Security  
 SOC-3208(3) Women: Crime and Social Justice  
 SOC-3210(6) Sociology of Mental Illness  
 SOC-3213(6) White Collar and Corporate Crime  
 SOC-4406(6) Seminar in Sociology of Law and Criminology

**AREA 4**

**WORK AND TECHNOLOGY**

SOC-2101(6) Social Inequality in the Era of Globalization  
 SOC-2104(3) Industrial Sociology  
 SOC-2109(3) Social Policy and Social Welfare  
 SOC-2204(3) Occupations and Professions  
 SOC-2501(3) Technology and Society  
 SOC/ENV-2502(3) Sociology of the Environment  
 SOC-3115(3) Political Sociology  
 SOC-3204(3) Economic Sociology  
 SOC-3213(3) White Collar and Corporate Crime

**AREA 5**

**FAMILY AND GENDER**

SOC-2103(6) Sociology of the Family

SOC-2115(6) Sociology of Socialization and Development  
 SOC-2118(6) Sex and Gender Relationships  
 SOC-2307(3) Sociology of Youth  
 SOC-3118(6) Women in Society  
 SOC-3128(3) Sociology of Sexuality  
 SOC-3208(3) Women: Crime and Social Justice  
 SOC-4408(6) Seminar in Socialization and Development  
 SOC-4412(6) Seminar in Sociology of the Family  
 SOC-4414(6) Seminar on Women in Society

**AREA 6**

**URBAN COMMUNITY & DEVELOPMENT**

SOC-2105(6) Race, Ethnic and Aboriginal Relations  
 SOC-2109(3) Social Policy and Social Welfare  
 SOC-2110(6) Social Change  
 SOC-2308(3) Critical Social Issues  
 SOC-2404(3) Sociology of Development and Underdevelopment  
 SOC-3101(6) Globalization and Social Justice: A Sociological Perspective  
 SOC-3104(6) Globalization and Societies in the World System  
 SOC-3113(6) Sociology of Cities and Urban Life  
 SOC-3115(3) Political Sociology  
 SOC-4413(6) Seminar in Race and Ethnic Relations

**AREA 7**

**HEALTH AND SOCIETY**

SOC-2000(3) Sociology of Sport  
 SOC-2201(3) Sociology of Aging  
 SOC-2202(3) Changing Patterns of Aging  
 SOC-2204(3) Occupations and Professions  
 SOC-2501(3) Technology and Society  
 SOC-3102(6) Sociology of Medicine  
 SOC-3210(6) Sociology of Mental Illness  
 SOC-4409(6) Seminar in the Sociology of Medicine  
 SOC-4410(6) The Life Cycle: Middle and Later Years

**HONOURS COURSES**

SOC-4101(6) Seminar in Social Stratification  
 SOC-4116(3) Seminar in Quantitative Research Methods  
 SOC-4126(3) Seminar in Qualitative Research Methods  
 SOC-4201(6) Selected Topics I  
 SOC-4202(6) Selected Topics II  
 SOC-4204(6) Tutorial  
 SOC-4205(3) Tutorial II  
 SOC-4401(6) Seminar in Sociological Theory  
 SOC-4405(6) Honours Research Paper  
 SOC-4406(6) Seminar in Sociology of Law and Criminology  
 SOC-4408(6) Seminar in Socialization and Development  
 SOC-4409(6) Seminar in the Sociology of Medicine  
 SOC-4410(6) The Life Cycle: Middle and Later Years  
 SOC-4412(6) Seminar in Sociology of the Family  
 SOC-4413(6) Seminar in Race and Ethnic Relations  
 SOC-4414(6) Seminar on Women in Society  
 SOC-4415(6) Sociology of Culture  
 SOC-4800(6) Research Field Placement

## COURSE DESCRIPTIONS

Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

**SOC-1003(3) INTRODUCTION TO DISABILITY STUDIES I (Le3)** This course addresses definitions of and approaches to disability, and the differences as a result of history and cultures. In addition, the course examines the ways in which disability is constructed in societies - including the media, workplaces service provision, families, and environmental

barriers. This course is designed to be of particular interest to people with disabilities, people with interest in providing disability services, educators, caregivers, therapists, and all people with an interest in disability issues.

**SOC-1004(3) INTRODUCTION TO DISABILITY STUDIES II (Le3)** This course examines social change in terms of disability rights movements. It looks at innovative contemporary as well as historic approaches of social change in the community and within wide-ranging institutions within the disability rights movement in a Canadian context. A specific focus is on daily and institutional sites where disability is visible including particular federal and provincial policies, social service provision and programming, and regulated local and community-based responses. Regional variations of social change within a Canadian context are fully explored. This online course is of particular interest to people with disabilities, people with interest in providing disability services, educators, caregivers, therapists, and all people with an interest in disability issues.

**SOC-1006(3) BEGINNINGS IN LAW AND CRIMINOLOGY (Le3)** This course introduces students to the relationship among law, crime and society. It examines a range of law and policy from both a historical and contemporary perspective. Students are introduced to classical and contemporary theories in the field, as well as research methods and disciplinary debates.

**SOC-1101(6) INTRODUCTION TO SOCIOLOGY (Le3)** This course provides an introduction to the study of society and to the discipline of sociology. Topics to be covered include methods, culture, socialization, groups, social processes, the community, social stratification, the major institutions -- the family, the economic, the political, the religious, and the educational -- and social change in its contemporary setting.

**SOC-1105(3) BEGINNING SOCIOLOGY IN EDUCATION (Le3)** This course provides an introduction to the study of society for students in Education. Topics covered include culture, socialization, groups, social processes, community, social stratification, and the major social institutions, with a special focus on education and contemporary social change. **Note:** This course is intended for Education students. **RESTRICTIONS:** This course cannot be counted toward a Sociology Major, nor can it serve as a prerequisite for entry into any other Sociology course. This course cannot be taken by students who already have credit for Introduction to Sociology (SOC-1101(6)).

**SOC-2000(3) SOCIOLOGY OF SPORT (Le3)** This course introduces various aspects of the study of sport. Using the major theoretical perspectives in sociology, the function of sport in contemporary society is examined. Contemporary issues in sport and society are also covered. **PREREQUISITE:** SOC-1101(6).

**SOC-2101(6) SOCIAL INEQUALITY IN THE ERA OF GLOBALIZATION (Le3)** Using historical and comparative material, this course examines the historical origins of various inequalities including class, gender, racial-ethnic and international stratification. A major emphasis is placed upon the dynamics of these inequalities in the era of globalization and what has been termed "globalization of poverty". **PREREQUISITE:** SOC-1101(6).

**SOC-2103(6) SOCIOLOGY OF THE FAMILY (Le3)** This course presents a systematic analysis of the form, patterns, and functions of marriage and the family in contemporary society. Various sociological approaches are used to study marriage and the family with an emphasis on comparative and cross-cultural studies. **PREREQUISITE:** SOC-1101(6).

**SOC-2104(3) INDUSTRIAL SOCIOLOGY (Le3)** This course focuses on the social relations of production and the organization of work in advanced industrialized countries. A major concern of the course is to promote understanding of the nature of conflict and harmony in industrial organizations.

Possible topics for discussion include the historical and comparative study of labour and management organizations, the hierarchical nature of the workplace, the divisions among the working class, the impact of technological development on the labour process, and the role of government in industrial relations. **PREREQUISITE:** SOC-1101(6).

**SOC-2105(6) RACE, ETHNIC AND ABORIGINAL RELATIONS (Le3)** This course systematically studies the interactions among people who differ racially and/or ethnically from one another. Theoretical explanations of resulting patterns are examined and evaluated. Primary emphasis is on Canadian material, with a special emphasis on Aboriginal peoples. **PREREQUISITE:** SOC-1101(6).

**SOC-2107(3) CRIMINOLOGICAL THEORY (Le3)** The problems of defining and explaining crime and deviant behaviour are considered as well as an analysis of the major theoretical trends in the field. The course is designed to introduce students to the intellectual history and development of major theories of crime and deviance and to provide those who wish to pursue their interest with the analytical tools required in the advanced courses in the field of criminology. **PREREQUISITE:** SOC-1101(6).

**SOC-2108(3) SOCIAL REGULATION (Le3)** This course introduces students to the study of discourses of social regulation, moral regulation, and governance in Canada. It focuses on the processes and practices of normalization by exploring practices of power that shape social conduct and individual behaviour around the concept of deviance. **PREREQUISITE:** SOC-2107(3).

**SOC-2109(3) SOCIAL POLICY AND SOCIAL WELFARE (Le3)** This course focuses on the policy context of social welfare with particular emphasis on Canada. How do Canada and other welfare states face up to the challenges posed by major socio-economic trends of today? The impact on welfare policies of globalization and such other important phenomena as family structure, gender roles, ethnic diversity, and an aging population is examined. Policies designed to deal with the challenges of poverty, social isolation, healthcare, homelessness, and disabilities are analyzed. Students are encouraged to apply sociological concepts and learn to analyze and judge particular policies. **PREREQUISITE:** SOC-1101(6). **NOTE:** This prerequisite will be waived for students majoring in Developmental Studies.

**SOC-2110(6) SOCIAL CHANGE (Le3)** This course analyzes the sources, patterns, and consequences of social and cultural change. The role of technological, socio-economic, political and other factors in processes of change at institutional and societal levels are investigated. Problems of accelerated rate of innovations and rapid social change and prediction and planning of change are examined within cross-national comparative perspectives. **PREREQUISITE:** SOC-1101(6).

**SOC-2113(3) CANADIAN SOCIETY (Le3)** This course provides an introduction to the study of the Canadian social structure and its major regional and cultural components such as the Prairies, French Canada and Native People. A variety of sociological perspectives are used in the analysis of the Canadian social structure. **PREREQUISITE:** SOC-1101(6).

**SOC-2114(6) SOCIOLOGICAL THEORY (Le3)** This course explores the origin and development of classical social theory and evaluates its contemporary relevance. Some theorists to be covered are Marx, Durkheim, Weber, Mead and Parsons. A major concern of the course is to familiarize students with various classical and contemporary theories and enhance

critical thinking. This course is required of all majors and honours students.

**PREREQUISITE:** SOC-1101(6).

**SOC-2115(6) SOCIOLOGY OF SOCIALIZATION AND DEVELOPMENT (Le3)**

Using several theoretical perspectives, this course investigates the processes of socialization and personality formation through this life cycle. Emphasis is placed on the content, stages and agencies of socialization in a variety of social contexts. Discussion and analysis are based on social, social psychological and comparative data.

**PREREQUISITE:** SOC-1101(6).

**NOTE:** This prerequisite will be waived for students majoring in Developmental Studies.

**SOC-2118(6) SEX AND GENDER RELATIONSHIPS (Le3)**

This course discusses the dynamics of sex and gender relationships in different socio-cultural contexts. Major topics for discussion include gender role differentiation, sex role stereotyping and changes over time in male/female relationships in North American society. Attention is given, where possible, to cross-cultural studies.

**PREREQUISITE:** SOC-1101(6).

**SOC-2119(6) SOCIOLOGY OF LAW (Le3)** This course analyzes the effects of law on social relationships as well as the social dynamics which give rise to, maintain and alter laws. The sociological aspects of institutions and organizations are studied in the context of the Canadian legal system.

**PREREQUISITE:** SOC-2107(3).

**SOC-2125(3) INTRODUCTION TO QUANTITATIVE RESEARCH METHODS (Le2,La2)**

This course is an introduction to the use of descriptive and inferential statistics in the social sciences, with an emphasis on sociology. Students will be introduced to survey research and techniques of data analysis. Lab work is included to develop computer-based statistical skills for use in research. This course is required for majors and honours students.

**PREREQUISITE:** SOC-1101(6).

**RESTRICTIONS:** Students may not receive credit for this course and the former SOC-2106(6).

**NOTE:** This course meets the University Science Requirement.

**SOC-2126(3) INTRODUCTION TO RESEARCH DESIGN AND QUALITATIVE RESEARCH (Le2,La2)**

This course is an introduction to the principles and techniques of social science research. Areas of discussion involve the major methodological questions in the field, such as the relationship between empirical research and theory construction and the other factors that influence basic research processes. Included will be an introduction to the principles and design of qualitative research. Lab work is included to develop computer skills for use in research. This course is required for all honours and majors students.

**PREREQUISITE:** SOC-1101(6).

**RESTRICTIONS:** Students may not receive credit for this course and the former SOC-2106(6).

**SOC-2201(3) SOCIOLOGY OF AGING (Le3)** This course considers the age structure of Canadian society, aging in different cultures, methods of studying aging and sociological theories of aging. Possible issues for discussion include housing, pensions, transportation, and health care.

**PREREQUISITE:** SOC-1101(6).

**SOC-2202(3) CHANGING PATTERNS OF AGING (Le3)**

This course investigates the changes taking place today in the lives of middle-aged and older Canadians. Emphasis is placed on changes in social institutions and their impact on the process of aging, including the responses of people to

change. Possible topics to be covered include issues related to changes in individual and population aging, such as intergenerational relations; changing perceptions of career and retirement; family and community-related role and commitment changes; and new values, attitudes, and alternate lifestyles in later life.

**PREREQUISITE:** SOC-1101(6).

**SOC-2204(3) OCCUPATIONS AND PROFESSIONS (Le3)**

This course examines the sociological aspects of work, emphasizing the historical development and the contemporary organization of occupations and professions. Possible topics for discussion include labour force trends, occupational choice and placement, career development, job satisfaction and alienation, and professions and professionalism. Some basic issues and sociological implications drawn from these topics are discussed.

**PREREQUISITE:** SOC-1101(6).

**SOC-2307(3) SOCIOLOGY OF YOUTH (Le3)** Analyzing youth in contemporary society, this course explores their problems and roles in the family, education, the economy, politics and government, youth organizations, subcultures and social movements.

**PREREQUISITE:** SOC-1101(6).

**SOC-2308(3) CRITICAL SOCIAL ISSUES (Le3)** Using a sociological perspective, this course examines issues of current social controversy. (A more detailed description will be available in the Department Office in the terms in which the course is offered.)

**PREREQUISITE:** SOC-1101(6).

**SOC-2404(3) SOCIOLOGY OF DEVELOPMENT AND UNDERDEVELOPMENT (Le3)**

Based on a variety of theoretical perspectives and research in the area of socio-economic development, this course focuses on the problems faced by industrializing countries. Major issues might include the unequal allocation of natural and agricultural resources and the basis of social and political inequalities between industrialized and industrializing countries.

**PREREQUISITE:** SOC-1101(6).

**SOC-2501(3) TECHNOLOGY AND SOCIETY (Le3)**

This course provides a sociological analysis of the theoretical and substantive issues involved in the impact of technological change on contemporary society. It focuses on technological change as it affects the world of work, the environment, human reproduction, gender relations, and communications. We explore the growing significance of the Internet and its implications for such matters as privacy, community, and social relations. Various strategies for implementing technological change are also examined.

**PREREQUISITES:** SOC-1101(6) or ENV-1600(3).

**SOC-2502(3) SOCIOLOGY OF THE ENVIRONMENT (Le3)**

This course offers an examination of environmental issues and concerns from a sociological perspective. Topics for review include environmental values, attitudes and behaviour; the environmental movement; the political economy of the environment, and environmental risk and risk assessment. Debates surrounding such concepts as sustainable development, deep ecology, environmental justice and global change will also be emphasized.

**PREREQUISITES:** SOC-1101(6) or ENV-1600(3).

**CROSS-LISTED:** Environmental Studies ENV-2502(3).

**SOC-3101(6) GLOBALIZATION AND SOCIAL JUSTICE: A SOCIOLOGICAL PERSPECTIVE (Le3)**

This course uses various multidisciplinary perspectives to familiarize students with the main debates related to globalization and social justice. The goal is to identify the multifaceted ways in which globalization manifests itself in the contemporary world. This course critically examines some of the basic sociological concepts including the nation-state, organizations and communities, individual identity

and culture in the context of globalization. The central aim is to examine to what degree and in what ways the issues of social justice or injustice are articulated in the process of globalization.

**PREREQUISITE:** SOC-1101(6).

**SOC-3102(6) SOCIOLOGY OF MEDICINE (Le3)** The focus of this course is on the social context of disease and medical care. Topics to be covered include stress and psychosomatic illness, causes and consequences of mental illness, the sick role, variations in illness behaviour, doctor-patient relationships, unorthodox systems of medical practice, psychiatric therapies, organization of the medical profession, social structure of the hospital and politics of the health care system.

**PREREQUISITE:** SOC-1101(6).

**SOC-3104(6) GLOBALIZATION AND SOCIETIES IN THE WORLD SYSTEM (Le3)** This course examines the origins and dynamics of the "new world order" from the perspective of world systems and other theories. Various, and often conflicting conceptions of the globalization and its impact on human relations are given a central focus with a particular concern to the interrelationship of nations in the "global village". Emphasis is placed on such crucial phenomena as culture, economic life and distribution of power. Alternatives to modern national societies are examined.

**PREREQUISITE:** SOC-1101(6).

**SOC-3113(6) SOCIOLOGY OF CITIES AND URBAN LIFE (Le3)** This course examines how the city varies in time, space, and with different ethno-cultural settings. By using various sociological and other perspectives and methodologies, students will discuss topics such as class, race, ethnicity, and power relative to housing, poverty, transportation, finance, violence, leisure and ecology. Issues like "Quality of Life" and "The Good City" will be discussed using Canadian and other examples.

**PREREQUISITE:** SOC-1101(6).

**SOC-3115(3) POLITICAL SOCIOLOGY (Le3)** This course examines the emergence of representative democracy in Western industrialized nations. Particular emphasis is given to social and political forces impacting on government and the state, the rise and demise of the Keynesian welfare state, and the abilities of governments to deal with the challenges of "globalization." This course also examines variables linked to voting behaviour in these countries.

**PREREQUISITE:** SOC-1101(6).

**SOC-3116(3) APPLIED RESEARCH METHODS (Le2,La1)** In this skills-based course, students are provided with the supports and guidance to complete a practical research project of a qualitative and/or quantitative nature. Students take their own research proposal or an existing research design through a description of methods, ethics approval, data collection, analysis and conclusions. Once the basic framework has been established, this course then provides academic support for the student to conduct research to completion.

**PREREQUISITES:** SOC-1101(6), SOC-2125(3), SOC-2126(3) and permission of the instructor.

**RESTRICTIONS:** Students may not receive credit for this course and the former SOC-2106(6).

**SOC-3118(6) WOMEN IN SOCIETY (Le3)** This course examines the social position of women in Western industrial capitalist societies with comparative material from socialist and non-industrial societies. Particular attention is given to the social status of women in the workforce and in the household and to prospects for change. Sociological perspectives explaining the origin and maintenance of the social position of

women are examined.

**PREREQUISITE:** SOC-1101(6).

**SOC-3123(3) CRIME, VICTIMIZATION, AND JUSTICE IN ABORIGINAL COMMUNITIES (Le3)** This course involves the study of adult and youth crime, victimization and justice in Aboriginal communities. It involves the study of various types of programs (e.g., sentencing circles) developed by Aboriginal communities to facilitate culturally appropriate justice programs and their impact upon community development.

**PREREQUISITE:** SOC-1101(6).

**SOC-3128(3) SOCIOLOGY OF SEXUALITY (Le3)** This course explores sociological theories and research in the area of gender and sexuality. The course material examines social construction of gender and sexuality from both micro (interactional) and macro (social structural) viewpoints. The focus is on modern society but attention will be paid to historical processes and cross cultural studies. Topics such as gender socialization, sports, and the family will also be explored.

**PREREQUISITE:** SOC-1101(6).

**SOC-3201(3) SOCIOLOGY OF YOUTH JUSTICE (Le3)** This course examines the historical development of a separate justice system for young persons in Canada. The course offers a sociological analysis of the effectiveness of various reform measures adopted in separate court systems for youth. Attention is directed to the nature and extent of youth crime as well as changing public perceptions about youth violence. The course also examines force-based systems of punishment and restorative models of youth criminal justice. The Canadian youth justice system is compared to models in other Western jurisdictions.

**PREREQUISITE:** SOC-2107(3).

**SOC-3203(3) THEORIES OF PENALTY (Le3)** This course explores punishment from a sociological perspective which involves the study of penal theory and various kinds of disciplinary intervention. Consideration is given to punishments which occur outside the criminal justice system and the wider forms of social regulation in our society. Sociological analyses of punishment consider women prisoners, prisoners from visible and ethnic minorities, and aging prisoners. The privatization of punishment, movements for radical reform, and the establishment of alternative systems of restorative justice and First Nations approaches are also examined.

**PREREQUISITE:** SOC-2107(3).

**SOC-3204(3) ECONOMIC SOCIOLOGY (Le3)** This course examines the production, exchange, and consumption systems of modern industrial society using the analytical tools of critical sociological enquiry. The topics to be reviewed include alternative forms of complex organization, their differential impact on social structure, and the structure and effects of advertising, marketing and consuming behaviour.

**PREREQUISITE:** SOC-1101(6).

**SOC-3205(3) POLICING, GOVERNANCE AND SECURITY (Le3)** This course examines the changing role of the state in relation to policing, in the context of risk and safety, through an examination of domestic policing, border and immigration patrol, and private security measures. In particular, it examines the nature of policing in Canada from a comparative standpoint; the expansion of the use of detention without due process in the context of terrorism; the rise of private security to police gated communities and the institutional environs such as shopping malls, schools and suburban property. It also examines other issues such as the technological advancements in surveillance.

**PREREQUISITE:** SOC-2107(3).

**SOC-3208(3) WOMEN: CRIME AND SOCIAL JUSTICE (Le3)** This course examines gender differences in crime, theories of

women's crime, and the treatment of both women offenders and victims by the criminal justice system. Emphasis will be placed on the feminist scholarship that addresses these issues.

**PREREQUISITE:** SOC-2107(3).

**SOC-3209(6) MASS COMMUNICATION AND POPULAR CULTURE (Le3)** This course provides an understanding of the relationships between social processes, cultural manifestations, and mass communication. Following the introduction of the major theoretical concepts, the course focuses on examining several pertinent phenomena such as advertisements, fashion, youth cultures, leisure settings and media ceremonies.

**PREREQUISITE:** SOC-1101(6).

**SOC-3210(6) SOCIOLOGY OF MENTAL ILLNESS (Le3)**

This course examines mental illness and the mental health system from a sociological perspective. Topics to be covered include cross-cultural differences in conceptions of mental illness, social factors contributing to mental illness, the distribution of illness in sub-populations, mental illness and family life, help-seeking behaviours, the organization and effectiveness of treatment programs, the mental health professions and proposals for reform of the mental health system.

**PREREQUISITE:** SOC-1101(6).

**SOC-3212(6) SOCIOLOGY OF THE BODY (Le3)** The focus of this course is the body, not in its biological sense but in its social sense: the body as a social construction. Every society within a given historical period develops specific meanings for the forms, functions, and movements of the body. This course will examine the human body from a number of different perspectives and study the body as a site of social interaction. This course will survey the history of thinking about the body, the body as a reflection of society and theories of corporeal representation.

**PREREQUISITE:** SOC-1101(6).

**CROSS-LISTED:** Women's and Gender Studies WGS-3212(6).

**SOC-3213(3) WHITE COLLAR AND CORPORATE CRIME (Le3)**

This course is a comprehensive examination of the prevalence and impact of crime committed by those working in the "suites" as opposed to the "streets". Expanding upon the concept of "white collar crime," the course focuses on an investigation of both "occupational" and "organizational/corporate" criminality. As part of that investigation the course analyzes the "socially injurious acts" of corporations and formal organizations (including governments) against their employees, consumers, the public, and the environment. The course also looks at the deviant and illegal acts of individuals.

**PREREQUISITE:** SOC-2107(3).

## HONOURS COURSES

**SOC-4101(6) SEMINAR IN SOCIAL STRATIFICATION (S3)**

This course examines the nature and significance of social stratification from an historical perspective as well as the structure and development of modern capitalism and socialism. Class relationships in contemporary societies and the future of class are analyzed. Other topics include caste and status communities, power differentials, women and stratification, and such topics in social stratification as students choose to research.

**PREREQUISITE:** SOC-1101(6).

**SOC-4116(3) SEMINAR IN QUANTITATIVE RESEARCH METHODS (S3)**

This course is an advanced study of the techniques and methodology of quantitative sociological analysis. This will include in depth discussion of

methodological questions plus theoretical and practical experience with research design, data collection, statistical data processing and interpretation. The emphasis will be placed on computer based data analysis techniques. A major research project is to be completed.

**PREREQUISITES:** SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6).

**SOC-4126(3) SEMINAR IN QUALITATIVE RESEARCH METHODS (S3)**

This course is the advanced study of the major qualitative approaches to research, among them phenomenology, symbolic interaction, ethnomethodology, and ethnology. This will include in depth discussion of the methodological questions and debates of the day plus an opportunity for students to gain first hand experience using a variety of data gathering techniques such as participant observation, interviewing surveys, life histories and case studies. Some computer based applications of qualitative analysis will be explored. A major research project is to be completed.

**PREREQUISITES:** SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6).

**SOC-4201(6) SELECTED TOPICS I (S3)** The content of the Selected Topics Course varies from year to year.

**SOC-4202(6) SELECTED TOPICS II (S3)** The content of the Selected Topics Course varies from year to year.

**SOC-4204(6) TUTORIAL (T)** This course provides Honours students with an opportunity, under the direction of a professor, for advanced study in a selected area. The course will normally be taken only by students who have achieved some competence in the area selected.

**PREREQUISITES:** Consent of instructor and Departmental Honours Committee.

**SOC-4205(3) TUTORIAL II (T)** This course provides Honours students with an opportunity, under the direction of a professor, for advanced study in a selected area. The course will normally be taken only by students who have achieved some competence in the area selected.

**PREREQUISITES:** Consent of instructor and Departmental Honours Committee.

**SOC-4401(6) SEMINAR IN SOCIOLOGICAL THEORY (Le3)**

This course examines major classical and contemporary theories. Central theoretical debates and their contemporary relevance are evaluated. Possible topics for discussion also include theory construction and verification processes.

**PREREQUISITE:** SOC-2114(6).

**SOC-4405(6) HONOURS RESEARCH PAPER (P)** At the end of their fourth year, Honours students are required to present an Honours paper. This course provides fourth year students with an opportunity to prepare that paper. Each student will select an area of special interest and will work under the guidance of a Supervisor throughout the year. Required of all Honours students.

**SOC-4406(6) SEMINAR IN SOCIOLOGY OF LAW AND CRIMINOLOGY (S3)**

This course is an advanced study of the sociology of crime, moral regulation and deviance. The course also examines law and social control institutions and practices. Student initiated research is involved.

**PREREQUISITES:** SOC-1101(6) and SOC-2107(3) OR SOC-2119(6).

**SOC-4408(6) SEMINAR IN SOCIALIZATION AND DEVELOPMENT (S3)**

This course is an advanced study of the processes of socialization and personality development through the life cycle. Various theoretical orientations are discussed

emphasizing methodological questions, theoretical contributions and empirical research.

**PREREQUISITE:** SOC-1101(6).

**SOC-4409(6) SEMINAR IN THE SOCIOLOGY OF**

**MEDICINE (S3)** This course examines sociological theory and research in a number of areas, such as health-related behaviour, social factors in disease processes, and the structure and dynamics of health care systems.

**PREREQUISITE:** SOC-1101(6).

**SOC-4410(6) THE LIFE CYCLE: MIDDLE AND LATER**

**YEARS (S3)** Through reading and discussion of classical and modern writers, students will review the major sociological ideas that have shaped our understanding of the life cycle today. The examination of these influential writings will prepare students to explore contemporary sociological issues such as individual responsibility to society, work and retirement, inter-generational relations, life-long learning, and death and dying.

**PREREQUISITE:** SOC-1101(6).

**SOC-4412(6) SEMINAR IN SOCIOLOGY OF THE FAMILY**

**(Le3)** This course is an advanced study of the sociology of the family with a major focus on theoretical approaches to the study of the family; an examination of internal processes of the family; a delineation of patterns of stress at each stage of family development; and an analysis of linkages with other institutions at each stage of family development. Attention is placed on the North American family with some reference to cross-cultural material.

**PREREQUISITE:** SOC-1101(6).

**SOC-4413(6) SEMINAR IN RACE AND ETHNIC**

**RELATIONS (Le3)** This course emphasizes the theoretical and substantive issues in the study of race and ethnic relations. The structure, development, ideologies, and linkages of race and ethnic relations with social institutions

are examined in a comparative cross-national perspective. Specific issues based on student concerns will be explored in depth.

**PREREQUISITE:** SOC-1101(6).

**SOC-4414(6) SEMINAR ON WOMEN IN SOCIETY (Le3)**

This course examines the status and role of women cross-culturally and historically. Emphasis is placed on theoretical perspectives attempting to account for the social position of women. Particular attention will be paid to work and inequalities.

**PREREQUISITE:** SOC-1101(6).

**SOC-4415(6) SOCIOLOGY OF CULTURE (Le3)**

This course examines the major sociological perspectives on the emergence and nature of contemporary urban culture. The course will examine issues such as the culture-ideology debate, high culture versus low culture, commercial mass culture, secular rituals and the increasing impact of mass media.

**PREREQUISITE:** SOC-1101(6).

**SOC-4800(6) FIELD RESEARCH PLACEMENT (AV)**

This course provides students with two sociological field research placement options. They can either be matched with an opportunity to work in a supervised research setting in a community or they can take an existing research proposal and work with a matched community organization to bring that proposal to completion. The course has both classroom and field research components.

**PREREQUISITE:** SOC-2125(3) and SOC-2126(3).

**ADDITIONAL REQUIREMENTS:** : Permission of Instructor.

# SPANISH STUDIES (SPAN)

**Note:** The department/program code SPAN replaces the former code 22. Students cannot hold credit in SPAN-xxxx and the former 22.xxxx having the same course number (e.g., SPAN-1001(6) and 22.1001(6)).

**Chair:** Associate Professor G. Moulaison; Assistant Professor: J. Machín-Lucas; Instructor II: M. Ruiz

## DEGREES/PROGRAMS OFFERED

3-Year BA  
3-Year BA Combined Major  
4-Year BA Combined Major

## INTRODUCTION

Spanish is a language that has more native speakers than any other except Chinese. Belonging to the Romance language family which also includes French, Italian and Portuguese, Spanish derived from Latin but was heavily influenced by Arabic during the occupation of Spain which lasted from 711 to 1492. As Spanish spread throughout the New World starting in the fifteenth century, it underwent numerous changes through contact with indigenous peoples and developed various regional varieties and dialects. Today, it is spoken in many parts of the world including Spain, Latin America (Mexico, Argentina, Chile, among other countries), the Caribbean (Cuba, Puerto Rico) and North Africa (Ceuta, Melilla). The majority of Spanish speakers are found outside of Spain and many make their home in the United States or Canada.

As the number of Spanish speakers continues to increase, so do the career opportunities in Spanish as a language for international business, trade and law, tourism, immigration and foreign service, global, national and community development with both governmental and non-governmental organizations as well as journalism, translation and teaching. In all of these fields, learning Spanish gives you a competitive edge.

Along with the language, you will gain the cultural awareness and understanding that is needed in today's global community. The courses that we offer will help you to develop your communications skills and your critical thinking skills - a must in order to grasp the subtleties of interacting with different cultures. In our courses, you will deepen your understanding of Hispanic culture through the analysis of texts from the Internet and the media as well as through the study of films and literature.

Whether Spanish is your first or second language or one of several that you speak, studying Spanish at the University of Winnipeg will be a rewarding and enriching experience that will give you an edge, whatever career path you choose.

## REQUIREMENTS FOR A 3-YR BA IN SPANISH STUDIES

Single Major:	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major:	30 credit hours in Spanish Studies and specified number of credit hours in the other department/program.
Required courses:	SPAN-2109(3) Minimum 9 credit hours in Spanish Studies literature; SPAN-2180(3), SPAN-2181(3), SPAN-2384(3), SPAN-2385(3), SPAN-2386(3), SPAN-3101(3), SPAN-3102(3), SPAN-3181(3), SPAN-3182(3), SPAN-3183(3) Minimum 6 credit hours in Spanish Studies at the 3000-level.
Minimum 2.5 GPA (C <sup>+</sup> ) in all Spanish Studies courses is advised for continuation in the Major program.	

## REQUIREMENTS FOR A 3-YR BA COMBINED MAJOR

<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours
Science:	6 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution :	Minimum three (3) credit hours from each of five (5) different subjects.

### COMBINED MAJOR REQUIREMENT

Combined Major:	Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.
Prescribed Courses:	SPAN-2109(3) Normative Grammar and SPAN-2180(3) Introduction to Literary Analysis (The required courses for the other major will depend on the other department's criteria.)

## REQUIREMENTS FOR A 4-YR BA COMBINED MAJOR

**GRADUATION REQUIREMENT:** 120 credit hours

### RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours
Science:	6 credit hours
Social Science:	12 credit hours
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.

### COMBINED MAJOR REQUIREMENT

Combined Major:	Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.
Prescribed Courses:	SPAN-2109(3) Normative Grammar and SPAN-2180(3) Introduction to Literary Analysis, and any 3 credit hours in Spanish Studies at the 3000-level (The required courses for the other major will depend on the other department's criteria.)

## COURSE LISTINGS

Students registering for their first Spanish Studies course are strongly encouraged to consult a departmental advisor. Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

SPAN-1001(6) Introductory Spanish	SPAN-3102(3) Spanish Civilization from the Enlightenment to the Present
SPAN-2001(6) Intermediate Spanish	SPAN-3113(3) Exploring Language and Society Through Texts
SPAN-2101(3) Latin American Culture and Civilization	SPAN-3114(3) English-Spanish Interpretation
SPAN-2109(3) Normative Grammar	SPAN-3181(3) Modern Latin American Literature in Spanish
SPAN-2110(3) Intermediate Written Expression	SPAN-3182(3) Spanish Literature of the Golden Age
SPAN-2114(3) English-Spanish Translation	SPAN-3183(3) Spanish Literature from the Enlightenment to the Generation of 1898
SPAN-2115(3) Spanish-English Translation	SPAN-3301(3) History of the Spanish Language
SPAN-2180(3) Introduction to Literary Analysis	
SPAN-2181(3) The Short Story in Spanish	
SPAN-2384(3) Modern Peninsular Spanish Literature and Culture	
SPAN-3101(3) Spanish Civilization from the Middle Ages to the Golden Age	

## COURSE DESCRIPTIONS

Students are advised to consult the appropriate Timetable available from the Records Office for courses offered during the current term.

### SPAN-1001(6) INTRODUCTORY SPANISH (Le3, La1)

This course is designed for students who have little or no previous knowledge of Spanish and who wish to acquire a solid base in the written and spoken language. An effort is made to place equal emphasis on reading, writing, aural comprehension, and oral expression. To this end, one

hour of language laboratory / small-group work supplements classroom work each week.

**RESTRICTIONS:** Native speakers of Spanish or students who have standing in Spanish 40S or equivalent are not eligible to take this course.



**SPAN-2001(6) INTERMEDIATE SPANISH (Le3, La1)**

The aim of this course is to enable students to increase their proficiency in the following skills: reading, writing, aural comprehension and oral expression. Students review and build on grammar essentials, discuss readings and related topics of current interest, write compositions, and practice the spoken language. One-hour of language laboratory / small-group work provides additional practice each week.

**PREREQUISITES:** SPAN-1001(6), Spanish 40S or permission of the department.

**RESTRICTIONS:** Students who have received a year or more of their secondary school education in a Spanish-speaking environment are not eligible to take this course.

**SPAN-2101(3) LATIN AMERICAN CULTURE AND CIVILIZATION (Le3)**

This course offers an introduction to Latin American culture and civilization from pre-Columbian times to the present, with an emphasis on Mexico. Following a review of the region's history from the Spanish conquest through the colonial period to independence, the course considers contemporary issues such as identity politics, social movements, economic globalization, and cultural expression. Students explore pre-Columbian civilizations and colonial art and architecture through excursions to archeological sites, museums, cathedrals, and historical monuments. This course is offered only in the Study Abroad Program.

**PREREQUISITES:** SPAN-2001(6) or permission of department.

**SPAN-2109(3) NORMATIVE GRAMMAR (Le3, La1)**

This course offers an intensive study of selected grammatical questions and a thorough study of syntax. Grammatical topics include transitive, intransitive and pronominal verbs; tenses and moods; and prepositions. The study of syntax focuses on subordinate clauses. This course includes regular written exercises and a lab component.

**PREREQUISITES:** SPAN-2001(6) or permission of department.

**SPAN-2110(3) INTERMEDIATE WRITTEN EXPRESSION (Le3, La1)**

This course is designed primarily to improve student's written expression in Spanish; oral expression also receives attention. Students are introduced to the major aspects of the writing process, specific writing techniques (description, narration and argumentation), and grammatical and stylistic editing. Model texts are presented and assignments focus on selected prose genres (e.g. composition, correspondence, summary). Individual work and small-group activities consist of writing sentences, paragraphs, and compositions. One hour per week is devoted to the oral expression component (e.g. presentations, debates, round-table discussions).

**PREREQUISITES:** SPAN-2109(3) or permission of department.

**SPAN-2114(3) ENGLISH-SPANISH TRANSLATION (Le3)**

This course in translation from English to Spanish serves a dual purpose: to give students an opportunity to expand their Spanish vocabulary and grammatical skills and to introduce them to specific written styles in the target language (Spanish). A number of recurring semantic, grammatical and syntactic features of Spanish are studied through shorter translation exercises and through the translation of longer documents, e.g. newspaper articles, business letters, advertisements.

**PREREQUISITES:** SPAN-2109(3) or permission of instructor.

**SPAN-2115(3) SPANISH-ENGLISH TRANSLATION (Le3)**

Taught in Spanish, this course introduces the principles of written translation from Spanish into English. Practical exercises focus on translation difficulties relating to English vocabulary, grammar, and style. Students translate short authentic Spanish-language texts from a variety of sources including newspapers, magazines, and literature.

**PREREQUISITES:** SPAN-2109(3) or permission of instructor.

**SPAN-2180(3) INTRODUCTION TO LITERARY ANALYSIS (Le3)**

This course gives students the foundational skills required to read and write in Spanish about literature. Students are introduced to terms and tools of analysis necessary for a critical reading of literary texts drawn from different genres and a variety of areas of the Hispanic world (Spain and Latin America). Some class time is devoted to the development of writing skills as well as academic research techniques.

**PREREQUISITES:** SPAN-2001(6) or permission of instructor.

**SPAN-2181(3) THE SHORT STORY IN SPANISH (Le3)**

This course allows students to develop an appreciation of the diversity of literature in the Spanish language through the study of representative short stories from major authors such as Juan Rulfo (Mexico), Esteban Echeverría (Argentina), Jorge Luis Borges (Argentina), Gabriel García Márquez (Colombia) or Baldomero Lillo (Chile). A number of videos provide sociocultural and historical background to the works selected.

**PREREQUISITES:** SPAN-2180(3) or permission of instructor.

**SPAN-2384(3) MODERN PENINSULAR SPANISH LITERATURE AND CULTURE (Le3)**

This course offers a critical study of representative works by Spanish novelists, poets and dramatists from the beginning of the twentieth century to the Spanish Civil War (1936-1939) and from the postwar era up to Franco's death in 1975, with particular attention to the influence of Spain's social and political history on its writers and their literary works. Authors studied may include Federico García Lorca, Jorge Guillén, Miguel Hernández, Camilo José Cela, Carmen Laforet Díaz and Antonio Buero Vallejo.

**PREREQUISITES:** SPAN-2180(3) or permission of instructor.

**SPAN-2385(3) LITERATURE AND CULTURE OF POST-FRANCO SPAIN (Le3)**

This course offers a critical study of representative works by Spanish novelists, poets and dramatist since Franco's death in 1975, with particular attention to the dramatic political and socio-cultural changes that Spain has experienced and the role of the country within the European Union today. Authors studied may include Juan Goytisolo, Juan Marsé, Carmen Martín Gaité and José Ángel Mañas.

**PREREQUISITES:** SPAN-2180(3) or permission of instructor.

**SPAN-2386(3) CONTEMPORARY SPANISH CINEMA (Le3)**

This course traces the evolution of Spanish cinema from the 1960s to the present. The development of the Spanish cinematic canon is explored through the critical analysis of representative films by renowned directors such as Luis Buñuel, Víctor Erice, Pedro Almodóvar, Alejandro Amenábar, Julio Medem, and Álex de la Iglesia. Attention is paid to the sociocultural and political context of the films presented. Students acquire the

terminology and tools of analysis specific to film studies while being exposed to the social realities of contemporary Spain (e.g., national stereotypes, European integration, racism, immigration, gender identities) as depicted in films.

**PREREQUISITES:** SPAN-2180(3) or permission of instructor.

**SPAN-3101(3) SPANISH CIVILIZATION FROM THE MIDDLE AGES TO THE GOLDEN AGE (Le3)** This course traces the evolution of Spanish culture from the Middle Ages to the end of the Golden Age in the 17<sup>th</sup> century. In addition to a broad overview of Spanish history and geography, topics may include art and architecture (religious, military and domestic) and the customs and traditions of Spain.

**PREREQUISITES:** Any 9 credit hours in Spanish Studies above the 1000-level or permission of instructor.

**SPAN-3102(3) SPANISH CIVILIZATION FROM THE ENLIGHTENMENT TO THE PRESENT (Le3)** This course traces the evolution of Spanish culture from the eighteenth century to the present day. In addition to a broad overview of Spanish history, topics may include Spanish art (e.g., Velázquez, Goya, Picasso, Dalí), architecture (religious, military, and domestic), and cultural institutions (e.g., the *Real Academia Española*).

**PREREQUISITES:** Any 9 credit hours in Spanish Studies above the 1000-level or permission of instructor.

**SPAN-3113(3) EXPLORING LANGUAGE AND SOCIETY THROUGH TEXTS (Le3)** This course examines current events, social issues and artistic and intellectual trends in the contemporary Hispanic world through the analysis and discussion of media sources including the Internet, television and the press. The course offers extensive reading practice and is designed for students who wish to develop a high level of oral and written proficiency in Spanish. Emphasis is placed on the acquisition of specialized vocabulary. Course work includes written compositions, oral presentations, debates and round-table discussions.

**PREREQUISITES:** Any 12 credit hours in 2000-level Spanish Studies language courses or permission of instructor.

**SPAN-3114(3) ENGLISH-SPANISH INTERPRETATION (Le3)** Taught in Spanish, this course introduces the basic techniques of consecutive and simultaneous interpretation (spoken translation) from English into Spanish. Attention is given to cross-cultural communication problems. Skills are developed through a variety of practical exercises in summarization, reformulation, note-taking, and content analysis. Students translate short authentic English-language speeches representing a variety of topics, styles, and registers. The skills practiced in this course are applicable to various fields of interpretation (e.g., conference, legal, medical).

**PREREQUISITES:** SPAN-2114(3) or SPAN-2115(3) or permission of instructor.

**SPAN-3181(3) MODERN LATIN AMERICAN LITERATURE IN SPANISH (Le3)** This course provides a chronological survey of Latin American literature from the Modernismo period (c.1880) to the present day, including selections from such authors as Rubén Darío (Nicaragua), Gabriela Mistral (Chile), Jorge Luis Borges (Argentina), Pablo Neruda (Chile), Octavio Paz (Mexico) and Gabriel García Márquez (Columbia). Through the analysis of representative texts of various literary genres, the course

examines the literary movements of the period and their social political and historical context.

**PREREQUISITES:** Any 6 credit hours in 2000-level Spanish Studies literature courses or permission of instructor.

**SPAN-3182(3) SPANISH LITERATURE OF THE GOLDEN AGE (Le3)** This course examines the main literary genres and movements of the Golden Age in Spain through the study of representative works from the sixteenth and seventeenth centuries by such authors as Góngora, Cervantes, Calderón, de la Barca, Garcilaso de la Vega, Tirso de Molina and Lope de Vega. Special emphasis is placed in the study of *Don Quijote de la Mancha*, the first modern novel of Western literature.

**PREREQUISITES:** SPAN-3101(3) and any 6 credit hours in Spanish Studies literature course or permission of instructor.

**SPAN-3183(3) SPANISH LITERATURE FROM THE ENLIGHTENMENT TO THE GENERATION OF 1898 (Le3)** This course examines the evolution of Spanish literature from the 18<sup>th</sup> century to the beginning of the 20<sup>th</sup> century. The main literary movements (neoclassicism, preromanticism, Romanticism, realism, naturalism, modernism) are studied through selected works of poetry, prose, and drama by such authors as Feijoo, Jovellanos, Cadalso, Larra, Galdós, Valera, and Unamuno. Students are introduced to a variety of methodologies for literary analysis such as narratology, dramatology, and semiotics.

**PREREQUISITES:** SPAN-3102(3) and any 6 credit hours in Spanish Studies literature, or permission of instructor.

**SPAN-3301 HISTORY OF THE SPANISH LANGUAGE (Le3)** This course traces the development of the Spanish language from its Latin origins to its modern-day dialects in Spain and the Americas. It examines both the internal evolution of the Spanish language (its phonetics, phonology, morphology, syntax, semantics, and pragmatics) and the sociocultural and historical factors that influenced its development. Various linguistic documents illustrating the distinct features of Spanish in different eras are studied. Special attention is paid to the appearance of cognate words shared by Spanish and English.

**PREREQUISITES:** Any 12 credit hours in 2000-level Spanish Studies language courses or permission of instructor.

# STATISTICS (STAT)

**Note: The department/program code STAT replaces the former code 53. Students cannot hold credit in STAT-xxxx and the former 53.xxxx having the same course number (e.g., STAT-1201(6) and 53.1201(6)).**

**Chair: Professor J. Currie;** Professor: H. A. Howlader; Assistant Professors: M. Ghahramani, R. McLeod; Instructors: J. Babb, B. Bector.

## DEGREES/PROGRAMS OFFERED

3-Year BA  
3-Year BSc  
4-Year BA  
4-Year BSc

## INTRODUCTION

The study of Statistics is concerned with the collection, analysis, and interpretation of data. As a student of Statistics, one may take courses in the areas of theoretical statistics and probability theory, where stress is placed on the logical development of statistical methods. One may also take courses in the more applied areas which deal with the application of statistical methods as a framework for interpreting numerical data. In addition, the Statistics Department offers courses in Operations Research and Stochastic Modelling which are applicable in telecommunications, transportation, and manufacturing systems. Computer programs are often used in the analysis of large data sets and in simulation; therefore, it is advisable for students to gain some knowledge of statistical computing and programming.

The Statistics Department offers 3-Year and 4-Year BA or BSc degree programs. Students who are not Statistics Majors will find that a background in statistics is valuable in many areas, in which the use of statistical methods to test theories and develop models is increasing; for some programs, certain Statistics courses are required.

Statistical techniques are in wide use in virtually every branch of the Physical, Social, Biological, and Human Sciences. Statisticians often work in close cooperation with specialists in other fields to assist in the design and analysis of research data. A statistician may assist economists in the analysis of consumer prices, as well as with the design and analysis of large-scale socio-economic surveys. A statistician may help biologists, chemists or engineers in the design and analysis of experiments, or work with doctors to test the effectiveness of new drugs. Other opportunities can be found in finance, marketing, and quality management, as well as in research facilities where statisticians develop new and better statistical methods. Many statisticians find employment with private corporations and government agencies including Statistics Canada.

## REQUIREMENTS FOR A 3-YEAR BA/BSc IN STATISTICS

<b>ADMISSION REQUIREMENT</b>	Students must consult with a member of the Department in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Writing:	3 credit hours of Academic Writing
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum three (3) credit hours from each of five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major	Minimum 30 credit hours/Maximum 48 credit hours.
Double Major	Minimum 30 credit hours in Statistics and specified number of credit hours in the other department/program.

Required courses:

Core Courses

<b>STAT-1201(6)</b>	Introduction to Statistical Analysis <u>OR</u>
<b>STAT-1501(3)</b>	Elementary Biological Statistics I <u>AND</u>
<b>STAT-1601(3)</b>	Elementary Biological Statistics II
<b>STAT-2301(3)</b>	Survey Sampling I
<b>STAT-2903(3)</b>	Introduction to Statistical Computing
<b>STAT-3103(3)</b>	Statistics in Research I
<b>STAT-3104(3)</b>	Statistics in Research II
<b>STAT/MATH-3611(3)</b>	Mathematical Statistics I
<b>STAT/MATH-3612(3)</b>	Mathematical Statistics II

9 credit hours from:

<b>STAT-2102(3)</b>	Business and Management Statistics
<b>STAT-2103(3)</b>	Intermediate Biological Statistics
<b>STAT-2104(3)</b>	Nonparametric Statistics
<b>STAT-2501(3)</b>	Statistical Quality Control
<b>STAT-3102(3)</b>	Applied Multivariate Methods

<b>STAT-3105(3)</b>	Time Series and Forecasting
<b>STAT-3401(3)</b>	Stochastic Processes
<b>STAT/MATH-3412(3)</b>	Introduction to Operations Research
<b>STAT-3501(3)</b>	Simulation

Combined Major: Minimum 48 credit hours from 2 different majors with not less than 18 credit hours from each major subject.  
 Prescribed courses: To be determined in consultation with the Department.

Students who have not obtained a grade of at least C in **STAT-1201(6)** Introduction to Statistical Analysis (OR **STAT-1501(3)** Elementary Biological Statistics I AND **STAT-1601(3)** Elementary Biological Statistics II) are advised not to proceed in a Statistics major.

**MATH-2101(6)** Intermediate Calculus is a prerequisite for **STAT/MATH-3611(3)** (formerly STAT-3201(3)) Mathematical Statistics I. **MATH-2201(6)** Linear Algebra (or **MATH-1201(3)** Linear Algebra I AND **MATH-2203(3)** Linear Algebra II) is a prerequisite for **STAT-3102(3)** Applied Multivariate Methods.

**MATH-2201(6)** Linear Algebra (or **MATH-1201(3)** Linear Algebra I) is a prerequisite for **STAT/MATH-3412(3)** Introduction to Operations Research.

Students are advised to take **MATH-1101(6)** Introduction to Calculus in their first year, and **MATH-2101(6)** Intermediate Calculus, **MATH-2201(6)** Linear Algebra (or **MATH-1201(3)** Linear Algebra I AND **MATH-2203(3)** Linear Algebra II) in their second year.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses. Students planning to seek employment upon graduation with a Statistics major are strongly advised to take **STAT-2103(3)** Intermediate Biological Statistics and **STAT-2903(3)** Introduction to Statistical Computing as part of the major, and to consider taking as many as possible of the following courses in Applied Computer Science or Mathematics: **MATH-3701(3)**, **ACS-1903(3)**, **ACS-1904(3)**.

## REQUIREMENTS FOR A 4-YEAR BA/BSc IN STATISTICS

**ADMISSION REQUIREMENT** 30 credit hours previously completed in BA/BSc

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**

Degree: 60 credit hours  
 Major: 30 credit hours

**GENERAL DEGREE REQUIREMENT**

Humanities: 12 credit hours in Humanities  
 Social Sciences (BA only): 12 credit hours  
 Writing: Minimum three (3) credit hours of Academic Writing.  
 Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
 Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**MAJOR REQUIREMENT**

Major: Minimum 48 credit hours/Maximum 66 credit hours.  
 Double Major: Minimum 48 credit hours in each Major as specified by the department/program.  
 Cognates: (BA only) Minimum 18 credit hours/Maximum 36 credit hours.  
 Consult the Department for acceptable cognate courses.

Required Courses:  
 Core Courses

<b>STAT-1201(6)</b>	Introduction to Statistical Analysis OR
<b>STAT-1501(3)</b>	Elementary Biological Statistics I <u>AND</u>
<b>STAT-1601(3)</b>	Elementary Biological Statistics II
<b>STAT-2301(3)</b>	Survey Sampling I
<b>STAT-2903(3)</b>	Introduction to Statistical Computing
<b>STAT-3103(3)</b>	Statistics in Research I
<b>STAT-3104(3)</b>	Statistics in Research II
<b>STAT/MATH-3611(3)</b>	Mathematical Statistics I
<b>STAT/MATH-3612(3)</b>	Mathematical Statistics II
<b>STAT-4202(3)</b>	Statistical Inference

18 credit hours from:

<b>STAT-2102(3)</b>	Business and Management Statistics
<b>STAT-2103(3)</b>	Intermediate Biological Statistics
<b>STAT-2104(3)</b>	Nonparametric Statistics
<b>STAT-2501(3)</b>	Statistical Quality Control
<b>STAT-3102(3)</b>	Applied Multivariate Methods
<b>STAT-3105(3)</b>	Time Series and Forecasting

<b>STAT-3401(3)</b>	Stochastic Processes
<b>STAT/MATH-3412(3)</b>	Introduction to Operations Research

3 credit hours from:

<b>STAT-4401(3)</b>	Probability Theory
<b>STAT-4601(3)</b>	Statistical Design of Experiments

Students who have not obtained a grade of at least C in **STAT-1201(6)** Introduction to Statistical Analysis (OR **STAT-1501(3)** Elementary Biological Statistics I AND **STAT-1601(3)** Elementary Biological Statistics II) are advised not to proceed in a Statistics major.

**MATH-2101(6)** Intermediate Calculus is a prerequisite for **STAT/MATH-3611(3)** (formerly STAT-3201(3)) Mathematical Statistics I.

**MATH-2201(6)** Linear Algebra (or **MATH-1201(3)** Linear Algebra I AND **MATH-2203(3)** Linear Algebra II) is a prerequisite for **STAT-3102(3)** Applied Multivariate Methods.

**MATH-2201(6)** Linear Algebra (or **MATH-1201(3)** Linear Algebra I) is a prerequisite for **STAT/MATH-3412(3)** Introduction to Operations Research.

Students are advised to take **MATH-1101(6)** Introduction to Calculus in their first year, and **MATH-2101(6)** Intermediate Calculus, **MATH-2201(6)** Linear Algebra (or **MATH-1201(3)** Linear Algebra I AND **MATH-2203(3)** Linear Algebra II) in their second year.

Students planning to go on to graduate studies are advised to consult with the Department before choosing second year courses. Students planning to seek employment on graduation with a Statistics major are strongly advised to take **STAT-2103(3)** Intermediate Biological Statistics and **STAT-2103(3)** Introduction to Statistical Computing as part of the major, and to consider taking as many as possible of the following courses in Applied Computer Science or Mathematics: **MATH-3701(3)**, **ACS-1903(3)**, **ACS-1904(3)**.

Combined Major: Minimum 60 credit hours from 2 different majors with not less than 24 credit hours from each major subject.  
Prescribed courses: To be determined in consultation with the Department.

## GENERAL INFORMATION

### Prerequisites

Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

Students may apply for the Canadian Operational Research Society (CORS) Diploma in Operations Research. The diploma is awarded by the CORS in association with recognized Canadian universities to students who have completed a program of studies with significant operational research content. The diploma reads: "Awarded by the Canadian Operational Research Society in recognition of course work completed at the University of Winnipeg." For details, see the Department Chair.

## COURSE LISTINGS

<b>STAT-1201(6)</b>	Introduction to Statistical Analysis	<b>STAT-3103(3)</b>	Statistics in Research I
<b>STAT-1501(3)</b>	Elementary Biological Statistics I	<b>STAT-3104(3)</b>	Statistics in Research II
<b>STAT-1601(3)</b>	Elementary Biological Statistics II	<b>STAT-3105(3)</b>	Time Series and Forecasting
<b>STAT-2001(3)</b>	Statistical Analysis for Chemists and Biologists	<b>STAT-3401(3)</b>	Stochastic Processes
<b>STAT-2102(3)</b>	Business and Management Statistics	<b>STAT/MATH-3412(3)</b>	Introduction to Operations Research Simulation
<b>STAT-2103(3)</b>	Intermediate Biological Statistics	<b>STAT-3501(3)</b>	Simulation
<b>STAT-2104(3)</b>	Nonparametric Statistics	<b>STAT/MATH-3611(3)</b>	Mathematical Statistics I
<b>STAT-2301(3)</b>	Survey Sampling I	<b>STAT/MATH-3612(3)</b>	Mathematical Statistics II
<b>STAT-2501(3)</b>	Statistical Quality Control	<b>STAT-4202(3)</b>	Statistical Inference
<b>STAT-2903(3)</b>	Introduction to Statistical Computing	<b>STAT-4401(3)</b>	Probability Theory
<b>STAT-3102(3)</b>	Applied Multivariate Methods	<b>STAT-4601(3)</b>	Statistical Design of Experiments

## COURSE DESCRIPTIONS

Students are advised to ensure that currently listed courses do not duplicate material studied previously under different course numbers.

**STAT-1201(6) INTRODUCTION TO STATISTICAL ANALYSIS (Le3)** The course is intended to introduce students in the natural, social, and human sciences to elementary statistical analysis and its applications. The course includes elements of probability, discrete random variables, continuous random variables (t, F, and Chi-Squared tests), ANOVA, contingency tables, and regression analysis.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**RESTRICTIONS:** Students may not receive credit for more than one of STAT-1201(6), STAT-1601(3), or STAT-2001(3).

**STAT-1501(3) ELEMENTARY BIOLOGICAL STATISTICS I (Le3)** This is an elementary course providing students in biological and health sciences with an introduction to statistical analysis of data and the making of inferences about them. Topics include: descriptive statistics, probability and probability distributions, tests of hypotheses and estimation; analysis of variance.

**PREREQUISITES:** Pre-Calculus Mathematics 40S or Applied Mathematics 40S.

**RESTRICTIONS:** A student may not receive credit for more than one of STAT-1201(6) and STAT-1501(3).

**STAT-1601(3) ELEMENTARY BIOLOGICAL STATISTICS II (Le3)** This course is intended as an extension of STAT-1501(3) for those students interested in further statistical analysis. Topics include more on analysis of variance; analysis of qualitative data based on chi-square statistics, nonparametric tests, regression and correlation analysis.

**PREREQUISITE:** STAT-1501(3).

**RESTRICTIONS:** Students may not receive credit for more than one of STAT-1201(6), STAT-1601(3), or STAT-2001(3).

**STAT-2001(3) STATISTICAL ANALYSIS FOR CHEMISTS AND BIOLOGISTS (Le3)** This course is an advanced extension of STAT-1501(3) for science students interested in further aspects of statistical analysis. Topics include two-sample inference and hypothesis testing; completely randomized and randomized complete block experimental designs; one-factor analysis of variance (fixed and random effects models); contrasts and multiple comparison procedures; simple linear regression (including regression through the origin and calibration); correlation analysis; goodness-of-fit tests; contingency tables; and nonparametric procedures. Applications are drawn from biology, chemistry and other sciences.

**PREREQUISITES:** STAT-1501(3)

**RESTRICTIONS:** Students may not receive credit for more than one of STAT-1201(6), STAT-1601(3), or STAT-2001(3).

### **STAT-2102(3) BUSINESS AND MANAGEMENT**

**STATISTICS (Le3)** This course surveys quantitative management science techniques used in both the private sector and government. The contents include classical decision-making, utility for money, statistical and Bayesian decision-making, decision trees, index numbers and their properties, elementary quality control, and decomposition of time series and seasonal and cyclical analysis. Emphasis will be on having students communicate effectively through essays and term projects.

**PREREQUISITE:** STAT-1201(6) or both STAT-1501(3) and STAT-1601(3).

### **STAT-2103(3) INTERMEDIATE BIOLOGICAL STATISTICS**

**(Le3)** This course provides students with the underlying concepts and techniques for applying biometrical procedures to problems arising in biological and medical research.

Topics include basic experimental designs and models for one-factor analysis of variance, multiple comparison procedures, data transformations, introductory multiple linear regression analysis, analysis of count data, Poisson index of dispersion, inference about the Poisson parameter, analysis of proportions, analysis of covariance with one factor and one covariate, and biological assay (analysis of quantal response, prohibit and/or logit transformations, parallel line assays and slope-ratio assays. Logistic regression with one regressor variable may also be covered.

**PREREQUISITES:** STAT-1201(6) or STAT-1601(3) or STAT-2001(3).

### **STAT-2104(3) NONPARAMETRIC STATISTICS (Le3)**

This course considers statistical methods for analysing data when the distribution of the population is unknown and/or the measurement is on a nominal, ordinal, or interval scale. The contents include inference based on the binomial distribution, the Mann-Whitney-Wilcoxon test, the Wilcoxon signed rank test, measures of association for ranked data, the Kruskal-Wallis and Friedman tests, and elements of contingency table analysis.

**PREREQUISITE:** STAT-1201(6) or both STAT-1501(3) and STAT-1601(3).

### **STAT-2301(3) SURVEY SAMPLING I (Le3)**

This course emphasizes practical aspects of conducting sample surveys. The four most common sample survey designs, simple random sampling, stratified random sampling, systematic sampling, and cluster sampling are examined. The course also deals with ratio and regression type estimators. Either MINITAB or SAS is used to analyze data. Note: This course is of interest not only to Statistics majors but also to students of Business, Economics, Sociology and other social sciences as well as Environmental Studies.

**PREREQUISITES:** STAT-1201(6) or both STAT-1501(3) and STAT-1601(3) or permission of instructor.

### **STAT-2501(3) STATISTICAL QUALITY CONTROL (Le3)**

This course deals with modern statistical techniques used in various branches of industry to control and improve quality of production. Special attention is given to the techniques most widely used in business and manufacturing industries. The contents include common control charts, sampling inspection by attributes and by variables, sampling plans for continuous production, OC and ASN functions, and curtailed inspections.

**PREREQUISITES:** STAT-1201(6) or both STAT-1501(3) and STAT-1601(3).

### **STAT-2903(3) INTRODUCTION TO STATISTICAL**

**COMPUTING (Le3, La3)** Students with limited computer experience are introduced to the use of modern statistical computer packages for data management and data analysis. Specifically, students learn how to use the computer for

testing of pseudorandom numbers, simulation of discrete and continuous random variables, bootstrapping, analysis of single and multiple samples, linear and nonlinear regression, and analysis of contingency tables. Particular attention is paid to the effects of departures from standard assumptions.

**PREREQUISITES:** STAT-1201(6) or both STAT-1501(3) and STAT-1601(3) or permission of instructor.

### **STAT-3102(3) APPLIED MULTIVARIATE METHODS (Le3)**

This course is designed to provide an introduction to an important area in statistics which deals with the analysis of three or more intercorrelated random variables. It covers the following topics: Euclidian vector spaces, vector projections and orthogonalization methods, quadratic forms and symmetric positive (semi) definite matrices and their eigen structures (eigenroots/vectors), the bivariate and multivariate normal probability functions, principal components analysis, canonical correlation analysis, and multi-group classification.

**PREREQUISITES:** STAT-1201(6), or both STAT-1501(3) and STAT-1601(3), MATH-2201(6) or MATH-2203(3) (formerly MATH-2221(3))

**COREQUISITES:** STAT/MATH-3612(3) (formerly STAT-3202(3)).

**RESTRICTIONS:** A student may not receive credit for this course and the former STAT-3101(6).

### **STAT-3103(3) STATISTICS IN RESEARCH I (Le3)**

This course is intended to provide an introduction to the practice of statistical research via concepts selected from applied regression analysis. Topics include linear and multiple linear regression, and related simultaneous inference procedures. Diagnostic methods and remedial measures for assessing the adequacy of regression models are presented in detail. Various criteria for model selection and validation are discussed. Topics may also include an introduction to nonlinear and logistic regression.

**PREREQUISITES:** STAT-2903(3) and either MATH-2201(6) or both MATH-1201(3) and MATH-2203(3) (formerly MATH-2221(3))

**RESTRICTIONS:** A student may not receive credit for this course and the former STAT-3101(6).

### **STAT-3104(3) STATISTICS IN RESEARCH II (Le3)**

This course provides further insight into the practice of statistical research. Emphasis is placed upon the development of various analysis of variance (ANOVA) models for single-factor and multi-factor studies. Topics include the design and analysis of completely randomized, randomized block, balanced complete block and Latin square designs. The analysis of covariance (ANCOVA) is also considered in detail as well as random and mixed effects models. Sample size selection, power analysis, ANOVA diagnostics and remedial measures are discussed. Time permitting, nested, partially nested and repeated measures designs are presented. STAT-3103 is a recommended prerequisite but is not mandatory. Students without STAT-3103 should consult the instructor for permission.

**PREREQUISITES:** STAT-2903(3), MATH-2201(6) or both MATH-1201(3) and MATH-2203(3) (formerly MATH-2221(3))

**RESTRICTIONS:** A student may not receive credit for this course and the former STAT-3101(6).

### **STAT-3105(3) TIME SERIES AND FORECASTING (Le3)**

The course deals with the general problem of analysing data which is ordered over time, for the purpose of forecasting and statistical prediction. Such data do not represent an independent sample and thus can not be analyzed using other statistical methods. Topics include: trend analysis, smoothing by moving averages, seasonal indices; forecasting using exponential smoothing and Box-Jenkins models.

**PREREQUISITES:** STAT-2103(3).

**RESTRICTIONS:** A student may not receive credit for this course and the former STAT-2601(3).

**STAT-3401(3) STOCHASTIC PROCESSES (Le3)** This course is designed to introduce students to important aspects of stochastic modelling including Markov chains, Poisson processes, and renewal processes. Markov chains in both discrete and continuous time will be considered. This course emphasizes the application of theory to problems in manufacturing, telecommunications, and biological systems. **PREREQUISITES:** STAT-3611(3) (formerly STAT-3201(3) or STAT-2701(3)) and MATH-1201(3) or MATH-2201(6).

**STAT-3412(3) INTRODUCTION TO OPERATIONS RESEARCH (Le3)** This course provides a practical introduction to the formulation and solution of some economics and industrial problems using Operations Research models. It emphasizes model-building and problem-solving using computer packages. Topics covered are chosen from linear programming, transportation, assignment and transshipment problems, network models, integer programming, nonlinear programming, decision making, inventory models, and queuing theory. **PREREQUISITES:** MATH-1201(3) or MATH-2201(6) or ECON-3201(3) and permission of instructor. **CROSS-LISTED:** Mathematics MATH-3412(3)

**STAT-3501(3) SIMULATION (Le2, La2)** This course is designed to show students how a computer can be utilized to model phenomena with stochastic elements and how analysis can be carried out in the context of a simulation study. Topics will be drawn from the following: generating an arbitrary random variable; the discrete event simulation approach; variance reduction techniques; statistical validation techniques; bootstrapping and other resampling methods; statistical analysis of simulated data; and simulation languages. **PREREQUISITES:** STAT-3611(3) (formerly STAT-3201(3) or STAT-2701(3)) and STAT-2903(3) or permission of the instructor.

**STAT-3611(3) MATHEMATICAL STATISTICS I (Le3)** The course is intended to give students a firm foundation in probability theory which is necessary for a complete understanding of any advanced statistics. Topics include counting, joint and conditional distributions, random variables, and special distributions. **PREREQUISITES:** STAT-1201(6), or both STAT-1501(3) and STAT-1601(3), and MATH-2101(6). **RESTRICTIONS:** A student may not receive credit for this course and the former STAT-3201(3) or the former STAT-2701(3). **CROSS-LISTED:** Mathematics MATH-3611(3).

**STAT-3612(3) MATHEMATICAL STATISTICS II (Le3)** The course studies the continuous probability distributions and their general properties, distributions of functions of random variables, sampling distributions, including t and F and introduction to estimation and theory of hypotheses testing. **PREREQUISITES:** STAT-3611(3) (or the former STAT-3201(3) or STAT-2701(3)). **RESTRICTIONS:** A student may not receive credit for this course and the former STAT-3201(6) or STAT-3202(3). **CROSS-LISTED:** Mathematics MATH-3612(3).

**STAT-4202(3) STATISTICAL INFERENCE (Le3)** This course expands on Mathematical Statistics II (STAT/MATH-3612(3) (formerly STAT-3202(3))). Topics include the following: Theory of point and interval estimations; completeness and minimal sufficiency, Rao-Blackwell theorem; theory of tests and hypotheses; likelihood ratio tests; unbiased and invariant tests; sequential probability ratio tests; and Bayesian Inference. **PREREQUISITE:** STAT/MATH-3612(3) (formerly STAT-3202(3)).

**STAT-4401(3) PROBABILITY THEORY (Le3)** This course is a continuation of Mathematical Statistics I (STAT-3611(3) (formerly STAT-3201(3) or Applied Probability STAT-2701(3))) and is intended to give students a firm foundation in

probability theory. Topics include random walks, characteristic functions and central limit theorem concepts of convergence, laws of large numbers, and martingales and stochastic differential equations. **PREREQUISITES:** STAT-3611(3) (formerly STAT-3201(3) or STAT-2701(3)) or permission of instructor.

**STAT-4601(3) STATISTICAL DESIGN OF EXPERIMENTS (Le3, LaV)** This course explores basic principles of statistical experimental design including randomization; replication; blocking; confounding; nested versus crossed factors; split-plot designs; fixed; random and mixed models; and the contrast between designed experiments and observational studies. It investigates factorial and fractional factorial designs with an emphasis on 2k factorial designs and 2k-p fractional factorial designs. Other potential topics include robust parameter design, 3k-p fractional factorial designs, balanced incomplete block designs, mixture experiments, and response surface methodology. **PREREQUISITE:** MATH-1201(3) and STAT-3104(3).

# THEATRE AND FILM (THFM)

## THEATRE AND FILM: DANCE PROGRAM STREAM (DANC)

**Chair: Associate Professor T. Babcock;** Professors: D.H. Arrell, P.K. Brask, D.J. Hewlett, A.B. Taylor; Associate Professors: S. Carter, F.R. Skene; Assistant Professors: C. Borody, C. Brauer, J. Kozak; Instructors: C.E. Porter (Supervisor of Technical Theatre), T.Stroud.

The Department offers two streams of study towards a major in Theatre and Film: the Theatre and Film Stream; and the Dance Program Stream. Each stream has specific major course requirements and courses in each stream are assessed as separate subjects. Unless otherwise specified, Dance Program courses cannot be used to fulfil the requirements for the Theatre and Film Major Stream, and Theatre and Film courses cannot be used to fulfil the requirements for the Dance Program Major Stream.

## THEATRE AND FILM (THFM)

**Note: The department/program code THEA replaces the former code 83. Courses delivered through the former Department of Theatre and Drama bear the code THEA. Courses delivered through the newly-named Department of Theatre and Film bear the code THFM. Students cannot hold credit in THEA-xxxx or THFM-xxxx and the former 83.xxxx having the same course number [e.g., THEA-1001(6) and 83.1001(6)].**

### DEGREES/PROGRAMS OFFERED

3-Year BA  
Honours BA

### INTRODUCTION

Study in the Department of Theatre and Film encompasses the fields of both theatre and filmmaking. Theatrical study includes the full spectrum of the dramatic arts: playwriting; production; stage management; drama in education; design; and the skills and techniques required of the actor. Our filmmaking program covers all areas from writing and directing through to shooting and editing. The program of study within the Department of Theatre and Film places an equal emphasis on practical and theoretical aspects of study. For our theatre students, specific training is balanced with the study of dramatic literature, history of theatre, and aesthetic and critical theory. In addition to all aspects of practical study, our filmmakers learn the theory and history of film.

The Department of Theatre and Film offers both a 3-Year BA degree (theatre and film) and a BA Honours degree (theatre only). The Honours degree is designed for students who seek advanced, pre-professional training.

Students who graduate with the Bachelor's degree in Theatre and Film may find employment opportunities in every aspect of the theatre and film worlds, from performance and technical production, crewing, and editing, to general arts administration. A solid background in literature and theory may lead to further studies and teaching opportunities in a university or professional drama or film school. Some graduates establish careers in related work in public service, the professions, and the broadcasting media.

## REQUIREMENTS FOR A 3-YEAR BA (THEATRE AND FILM STREAM)

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study. Call 786-9955 for further information, or to arrange an appointment.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**Note:** Dance Program Stream courses cannot be used to fulfil the Major subject requirements in the Theatre and Film Stream; they are considered to be a different subject with respect to the maximum number of courses permitted in the Major subject and to the University Distribution Requirement.

### MAJOR REQUIREMENT

Single Major: Minimum 30 credit hours/Maximum 48 credit hours.  
Double Major: 30 credit hours in Theatre and specified number of credit hours in the other department/program.



Required Courses for all areas **except** Filmmaking:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General  
**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare  
**THFM-3402(3)** Canadian Drama and Theatre  
**One sequence of practical courses** representing one Area of Theatrical Study as defined below.

Required courses for **FILMMAKING**:

**THFM-1001(6)** Introduction to Theatre: Performance  
**THFM-1010(6)** Introduction to Film  
**THFM-2310(6)** Filmmaking I: Screen Narrative Technique  
**THFM-2410(6)** History of Film  
**THFM-3310(6)** Filmmaking II: Directing the Short Film **OR** **THFM-3311(6)** Advanced Film Editing

**Note:** These requirements do not apply to the Dance Program Stream.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.

Prescribed courses:

**THFM-1001(6)** Introduction to Theatre: Performance  
OR  
**THFM-1002(6)** Introduction to Theatre: General  
AND  
**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare **AND** **THFM-3402(3)** Canadian Drama and Theatre  
**EXCEPTION: Students concentrating on the FILMMAKING area of study are REQUIRED to take the following:**  
**THFM-1010(6)** Introduction to Film  
AND  
**THFM-2410(6)** History of Film

#### **EXAMPLES OF AREAS OF THEATRICAL STUDY:**

In addition to taking the courses listed below, students must fulfil the requirements for the 3-Year BA Degree described above.

**ACTING:** Compulsory sequence:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General **THFM-2101(6)** Acting Theory and Practice

**THFM-3101(6)** Acting III: General **OR** **THFM-3110(6)** Screen Acting **OR** **THFM-3920(6)** Musical Theatre

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

Recommended (in numerical order):

**THFM-2502(6)** Voice and Diction

**THFM-2603(3)** Make-up: Theory and Practice

**THFM-3103(6)** Movement for Actors

A first-year English course

6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**DESIGN:** Compulsory sequence:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

**THFM-2201(3)** Principles of Design

**THFM-3201(6)** Styles in Design

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

Recommended (in numerical order):

**THFM-2601(3)** Costuming

**THFM-2602(3)** Lighting

**THFM-3202(3)** Drafting and Drawing

**HIST-2800(6)** History of European Art

A first-year English course

6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**DRAMA IN EDUCATION:** Compulsory sequence:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

**THFM-2101(6)** Acting Theory and Practice **OR** **THFM-2501(6)** Mime and Improvisation

**THFM-3502(6)** Drama in Education

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

Recommended:

**THFM-2101(6)** Acting Theory and Practice

A first-year English course

6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**FILMMAKING:** Compulsory sequence:

**THFM-1010(6)** Introduction to Film  
**THFM-2310(6)** Filmmaking I: Screen Narrative Technique  
**THFM-3310(6)** Filmmaking II: Directing the Short Film

Required but not in any particular order or year:

**THFM-1001(6)** Introduction to Theatre: Performance  
**THFM-2410(6)** History of Film

Recommended (in numerical order):

**THFM-2101(6)** Acting Theory and Practice  
**THFM-2201(3)** Principles of Design  
**THFM-2602(3)** Lighting  
**THFM-2610(3)** Script and Screen  
**THFM-2611(3)** Introduction to Screenwriting  
**THFM-2801(6)** Production I  
**THFM-3110(6)** Screen Acting

**PLAYWRITING:** Compulsory sequence:

**THFM-1001(6)** Introduction to Theatre: Performance OR **THFM-1002(6)** Introduction to Theatre: General

**THFM-2701(6)** Playwriting I  
**THFM-3701(6)** Playwriting II: General

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare  
**THFM-3402(3)** Canadian Drama and Theatre

Recommended (in numerical order):

A first-year English course  
6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**STAGE MANAGEMENT AND PRODUCTION:**

Compulsory Sequence:

**THFM-1001(6)** Introduction to Theatre: Performance OR **THFM-1002(6)** Introduction to Theatre: General

**THFM-2801(6)** Theatrical Production I

**AND**

For PRODUCTION only:

**THFM-3801(6)** Theatrical Production II  
**THFM-3807(3)** Production Operations and Management

For STAGE MANAGEMENT only:

**THFM-3801(6)** OR any two of the Theatre courses listed under "Recommended" below:

**THFM-3802(3)** Stage Management

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare  
**THFM-3402(3)** Canadian Drama and Theatre

Recommended (in numerical order):

**THFM-2201(3)** Principles of Design  
**THFM-2601(3)** Costuming  
**THFM-3202(3)** Drafting and Drawing  
**THFM-3803(3)** Properties for the Stage  
**THFM-3804(3)** Scenic Painting  
**THFM-3807(3)** Production Operations and Management  
A first-year English course

## REQUIREMENTS FOR A BA HONOURS (THEATRE AND FILM STREAM)

### ADMISSION REQUIREMENT

Students may enter into the program after completing a minimum of 30 credit hours.

Entry, continuing, and graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

### GRADUATION REQUIREMENT

Minimum 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Honours: Minimum 30 credit hours, including at least 18 credit hours at the upper level (3000/4000), of which a minimum of 9 credit hours must be at the 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit

hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**NOTE:** Dance Program Stream courses cannot be used to fulfil the Major subject requirements in the Theatre and Film Stream; they are considered to be a different subject with respect to the maximum number of courses permitted in the Major subject and to the University Distribution Requirement.

#### HONOURS REQUIREMENT (THEATRE AND FILM )

Single Honours: Minimum 54 credit hours/Maximum 78 credit hours in the Honours subject.  
Minimum 30 credit hours at the upper level (3000 or 4000) in Honours subject courses.  
Minimum 21 credit hours at the 4000 level in Honours subject courses.

Double Honours: Minimum 36 credit hours in each Honours subject.  
Minimum 24 credit hours at the upper level (3000 or 4000) in Honours subject courses.  
Minimum 15 credit hours at the 4000 level in the Theatre and Film component of the double Honours.  
For the requirements of the other Honours subject consult the department involved.

Required Courses:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

**THFM- 2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

**THFM-4441(3)** Theatre Aesthetics

**One sequence of practical courses** representing one Area of Theatrical Study.

It is strongly recommended that Honours students going on to graduate work take a dramatic literature course.

**NOTE:** These requirements do not apply to the Dance Program Honours Stream.

A B.A. (Hons.) is not available in the Drama in Education and Filmmaking areas of study.

#### EXAMPLES OF AREAS OF THEATRICAL STUDY:

In addition to taking the courses listed below, students must fulfil the requirements of the BA Honours Degree described above.

**ACTING:** Compulsory sequence:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

**THFM-2101(6)** Acting Theory and Practice

**THFM-4131(12)** Acting III: Honours

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

**THFM-4441(3)** Theatre Aesthetics

6 additional credit hours in Theatre at the 3000 level

6 additional credit hours in Theatre at the 4000 level

Recommended (in numerical order):

**THFM-2603(3)** Make-Up: Theory and Practice

**THFM-2801(6)** Production I

**THFM-3103(6)** Movement for Actors

**THFM-3110(6)** Screen Acting

**THFM-4135(3)** Acting for the Media

**THFM-4136(3)** Advanced Media Acting

**THFM-4141(12)** Acting IV: Honours **OR** **THFM-4145(6)** Acting IV: Honours–Contemporary Performance

A first-year English course

6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**DESIGN:** Compulsory:

**THFM-1001(6)** Introduction to Theatre: Performance **OR** **THFM-1002(6)** Introduction to Theatre: General

**THFM-2201(3)** Principles of Design

**THFM-2602(3)** Lighting

**THFM-3201(6)** Styles in Design

**THFM-3202(3)** Drafting and Drawing

**THFM-4203(6)** Contemporary Stage Design **OR** **THFM-4041(6)** Special Studies in Theatre

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

**THFM-4441(3)** Theatre Aesthetics

12 additional credit hours in Theatre at the 4000 level

Recommended (in numerical order):

**THFM-2601(3)** Costuming

**THFM-2603(3)** Make-Up: Theory and Practice

**THFM-2801(6)** Production I

**THFM-3603(3)** Make-up II: Prosthetics

**THFM-3804(3)** Scenic Painting

**HIST-2800(6)** History of European Art

A first-year English course

6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**DIRECTING: Compulsory:**

**THFM-1001(6)** Introduction to Theatre: Performance OR **THFM-1002(6)** Introduction to Theatre: General  
**THFM-2101(6)** Acting Theory and Practice  
**THFM-2201(3)** Principles of Design  
**THFM-4331(6)** Directing I  
**THFM-4341(6)** Directing II OR **THFM-4041(6)** Special Studies in Theatre/Film

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare  
**THFM-3402(3)** Canadian Drama and Theatre  
**THFM-4441(3)** Theatre Aesthetics  
6 additional credit hours in Theatre at the 3000 level  
6 additional credit hours in Theatre at the 4000 level

Recommended (in numerical order):

**THFM-2402(3)** Theatre History II: Molière to Irving  
**THFM-2602(3)** Lighting  
**THFM-2801(6)** Production I  
**THFM-3401(3)** Theatre History III  
**THFM-4131(12)** Acting III: Honours  
**THFM-4832(6)** Stage Management  
A first-year English course  
6 credit hours in dramatic literature offered through another Humanities department such as Classics, English, French Studies, or German Studies

**PLAYWRITING: Compulsory:**

**THFM-1001(6)** Introduction to Theatre: Performance OR **THFM-1002(6)** Introduction to Theatre: General  
**THFM-2701(6)** Playwriting I

**THFM-4741(6)** Playwriting II: Honours OR **THFM-4041(6)** Special Studies in Theatre

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare  
**THFM-3402(3)** Canadian Drama and Theatre  
**THFM-4441(3)** Theatre Aesthetics  
6 credit hours of special studies work at the 3000 level  
12 additional credit hours in Theatre at the 4000 level

Recommended (in numerical order):

**THFM-2402(3)** Theatre History II: Molière to Irving  
**THFM-2610(3)** Script and Screen  
**THFM-2611(3)** Introduction to Screenwriting  
**THFM-3401(3)** Theatre History III: Ibsen to the Present  
A first-year English course  
Any single or combination of dramatic literature and/or creative writing courses offered through another Humanities department such as Classics, English, French Studies, or German Studies

**STAGE MANAGEMENT AND PRODUCTION:**

Compulsory Sequence:

**THFM-1001(6)** Introduction to Theatre: Performance OR **THFM-1002(6)** Introduction to Theatre: General

**THFM-2801(6)** Theatrical Production I

**AND**

For PRODUCTION only:

**THFM-3202(3)** Drafting and Drawing

**THFM-3801(6)** Theatrical Production II

**THFM-3807(3)** Production Operations and Management

18 credit hours of theatre practicum/special studies work at the 4000 level

For STAGE MANAGEMENT only:

**THFM-3801(6)** OR any two of the Theatre courses listed under "Recommended" below

**THFM-4832(6)** Problems in Stage Management

12 credit hours of theatre practicum/special studies work at the 4000 level

Required but not in any particular order or year:

**THFM-2401(3)** Theatre History I: Aeschylus to Shakespeare

**THFM-3402(3)** Canadian Drama and Theatre

**THFM-4441(3)** Theatre Aesthetics

Recommended (in numerical order):

**THFM-2201(3)** Principles of Design

**THFM-2601(3)** Costuming

**THFM-3202(3)** Drafting and Drawing

**THFM-3803(3)** Properties for the Stage

**THFM-3804(3)** Scenic Painting

**THFM-3807(3)** Production Operations and Management

A first-year English course

**NOTE:** There is no Honours area of study available at this time for Drama in Education or Filmmaking.

Students should see the department advisor for assistance in choosing which recommended courses to take in any given area of study; call the Theatre/Film office at 786-9955. Not all recommended courses need be taken.

In certain circumstances it may be possible to construct an alternate pattern of study within an area, with the permission of the Chair.

## GENERAL INFORMATION

**4000-Level Courses:** Minimum 3.0 GPA (B) in major courses. Students lacking the requisite 3.0 GPA should consult the department concerned regarding eligibility to take 4000-level courses.  
Departmental permission is required for each 4000-level course.

### ENGLISH DEPARTMENT *THEATRE AND FILM GROUP*

A maximum of 6 credit hours of the following courses taught by the Department of Theatre and Film may be counted towards a major in English. These courses all fit into the Creative Writing or Drama categories.

THFM-2401(3) Theatre History I  
THFM-2402(3) Theatre History II  
THFM-2404(3) Aboriginal Identities in Theatre and Film  
THFM-2410(6) History of Film  
THFM-2611(3) Introduction to Screenwriting  
THFM-2701(6) Playwriting I  
THFM-3401(3) Theatre History III  
THFM-3402(3) Canadian Drama and Theatre  
THFM-3409(3) Gender and Sexuality in Theatre and Film  
THFM-3701(6) Playwriting II: General  
THFM-4741(6) Playwriting II: Honours

## COURSE LISTINGS

### COURSES IN THE GENERAL PROGRAM

THFM-0010(6) Theatre and Film Basics  
THFM-1001(6) Introduction to Theatre: Performance  
THFM-1002(6) Introduction to Theatre: General  
THFM-1010(6) Introduction to Film  
THFM-2001(3) Theatre/Film Practicum I  
THFM-2002(3) Theatre/Film Practicum II  
THFM-2101(6) Acting Theory and Practice  
THFM-2201(3) Principles of Design  
THFM-2310(6) Filmmaking I: Screen Narrative Technique  
THFM-2401(3) Theatre History I: Aeschylus to Shakespeare  
THFM-2402(3) Theatre History II: Molière to Irving  
THFM-2404(3) Aboriginal Identities in Theatre and Film  
THFM/CLAS-2405(3) Staging Greek and Roman Drama  
THFM-2410(6) History of Film  
THFM-2501(6) Mime and Improvisation  
THFM-2502(6) Voice and Diction  
THFM-2505(6) Principles of Physical Training for the Actor  
THFM-2601(3) Costuming  
THFM-2602(3) Lighting  
THFM-2603(3) Make-Up: Theory and Practice  
THFM-2604(2) Introduction to Stage Lighting for Dance  
THFM-2605(2) Lighting for Dance Practicum  
THFM-2606(2) Self Producing for Dance  
THFM-2610(3) Script and Screen  
THFM-2611(3) Introduction to Screenwriting  
THFM-2701(6) Playwriting I  
THFM-2801(6) Theatrical Production I  
THFM-2803(3) An Introduction to Lighting and Sound in Production  
THFM-2804(3) Introduction to Arts and Cultural Management  
THFM-2920(3) Introductory Dance for Musical Theatre  
THFM-2922(3) Introduction to Music and Singing  
THFM-2925(1) Music Practicum  
THFM-3001(6) Special Studies in Theatre/Film  
THFM-3002(3) Special Studies in Theatre/Film  
THFM-3101(6) Acting III: General  
THFM-3103(6) Movement for Actors  
THFM-3110(6) Screen Acting  
THFM-3201(6) Styles in Design  
THFM-3202(3) Drafting and Drawing  
THFM-3310(6) Filmmaking II: Directing the Short Film  
THFM-3311(6) Advanced Film Editing  
THFM-3401(3) Theatre History III: Ibsen to the Present

THFM-3402(3) Canadian Drama and Theatre  
THFM-3409(3) Gender and Sexuality in Theatre and Film  
THFM-3502(6) Drama in Education  
THFM-3503(3) Stage Combat for the Working Actor  
THFM-3603(3) Make-Up II: Prosthetics  
THFM-3701(6) Playwriting II: General  
THFM-3801(6) Theatrical Production II  
THFM-3802(3) Stage Management  
THFM-3803(3) Properties for the Stage  
THFM-3804(3) Scenic Painting  
THFM-3807(3) Theatre Production Operations and Management  
THFM-3808(3) Advanced Stagecraft Practicum  
THFM-3809(3) Stagecraft II  
THFM-3920(6) Musical Theatre

### HONOURS COURSES

THFM-4041(6) Special Studies in Theatre/Film  
THFM-4042(3) Special Studies in Theatre/Film  
THFM-4131(12) Acting III: Honours  
THFM-4133(6) Devised Theatre  
THFM-4134(6) Interpreting Shakespeare  
THFM-4135(3) Acting for the Media  
THFM-4136(3) Advanced Media Acting  
THFM-4141(12) Acting IV: Honours - Style and Genre  
THFM-4145(6) Acting IV: Honours - Contemporary Performance  
THFM-4203(6) Contemporary Stage Design  
THFM-4331(6) Directing I  
THFM-4341(6) Directing II  
THFM-4441(3) Theatre Aesthetics  
THFM-4442(3) Advanced Theory of Acting  
THFM-4531(6) Advanced Mime, Improvisation and Storytheatre Technique  
THFM-4532(6) Principles of Stage Combat  
THFM-4741(6) Playwriting II: Honours  
THFM-4832(6) Problems in Stage Management

### DRAMATIC LITERATURE COURSES

**NOTE:** These are **cognate** courses; they may not be counted towards a Major in Theatre and Film.

ENGL-2311(6) Shakespeare  
ENGL-2401(6) Tragedy and Comedy in Drama  
ENGL-3401(6) Modern Drama

ENGL-4311(6) Topics in Shakespeare  
ENGL-4442(6) Topics in Drama and Dramatic Theory

#### OTHER COGNATE COURSES

GERM-3204(3) Aspects of Contemporary Drama  
HIST-2800(6) History of European Art  
POL-2220(6) Politics and Film

## COURSE DESCRIPTIONS

The Department of Theatre and Film has organized its courses into nine areas of specialization. These divisions are provided as guidelines to the Areas of Study available for concentration.

Areas of Theatrical Study are identified by the second digit in the course number as follows:

0 Introductory and Practicum	5 Mime and Educational Theatre
1 Acting	6 & 8 Production
2 Design	7 Playwriting
3 Directing	9 Dance
4 History/Aesthetics/Dramatic Theory	

Areas of Film Study are identified by the third and fourth digits in the course number: 10, i.e., THFM-xx10,11.

Students are advised to consult the appropriate *Timetable* available online at [www.uwinnipeg.ca](http://www.uwinnipeg.ca), or from Student Services for information on courses to be offered during the current term, including experimental courses not listed below.

Students are **strongly encouraged** to contact the Office of the Department of Theatre and Film at 786-9955 in order to arrange an appointment for advising prior to setting up their course of study.

**THFM-0010(6) THEATRE AND FILM BASICS (Le/LaV)** This course is designed to prepare students for study of theatre and film at the post-secondary level. It introduces the basic elements of acting and includes a brief overview of a variety of aspects of theatre and film production. There are also readings and discussions about the contributions of Aboriginal artists to the performing arts. This course is offered in conjunction with Red Roots Theatre; priority for admission is given to Aboriginal students.

**RESTRICTIONS:** This course may **not** be used towards fulfilling the Theatre and Film major requirement.

#### **THFM-1001(6) INTRODUCTION TO THEATRE:**

**PERFORMANCE (Le3,LaV)** This course provides an introduction to the basic concepts of theatre through lectures, readings, and practical work. It examines the components of a theatrical performance and the rehearsal process, and explores the areas of improvisation, mime, and role preparation through workshops and class presentations. Students will be evaluated on both written and performance assignments. This course does **not** satisfy the Humanities Requirement if taken after the 1993-94 Fall and Winter terms.

**RESTRICTIONS:** Students may **not** receive credit for both this course and THFM-1002(6).

#### **THFM-1002(6) INTRODUCTION TO THEATRE: GENERAL**

**(Le3)** This course provides a general introduction to theatre study, including an overview of the components of a theatrical performance and the rehearsal process, a discussion of the problems of play interpretation in a production context, and an introduction to theatre criticism. During the course, six plays produced on Winnipeg stages in the current season will be discussed; students will be required to attend performances of these plays outside of class time. This course can be used towards the Humanities Requirement.

**RESTRICTIONS:** Students may **not** receive credit for both this course and THFM-1001(6).

**THFM-1010(6) INTRODUCTION TO FILM (Le3,LaV)** This course introduces the student to aspects of the art of film through lectures, screenings, and some practical involvement in the filmmaking process. A critical approach to film in Manitoba

and across Canada will be developed through readings, screenings, and guest lectures. A selection of international films will be discussed, focusing on their social and aesthetic impacts. A series of practical labs will give students some first-hand experience of film production. This course can be used towards the Humanities Requirement.

**THFM-2001(3) THEATRE/FILM PRACTICUM I (AV)** In this course, students participate in a teaching production in the area of specialization they select.

**PREREQUISITE:** Permission of the Department Chair.

**THFM-2002(3) THEATRE/FILM PRACTICUM II (AV)** In this course, students participate in a production either on a more advanced level in the area of specialization chosen in THFM-2001(3) or in another area of specialization.

**PREREQUISITES:** THFM-2001(3) and permission of the Department Chair.

#### **THFM-2101(6) ACTING THEORY AND PRACTICE**

**(Le2,La3+V)** This course is a theoretical and practical study of the principles of actor psychology, role analysis, and stage techniques. It is devoted to major theorists and teachers of the art of acting in relation to the principle styles and aesthetics that currently constitute our theatrical heritage. Lectures, discussions, and student presentations are accompanied by workshop exercises and scene studies. Students are required to meet with scene partners for rehearsals outside of scheduled class times.

**PREREQUISITE:** THFM-1001(6) **OR** THFM-1002(6).

**RESTRICTION:** Students may **not** receive credit for both this course and the former THFM-2101(3) and/or THFM-2102(3).

#### **THFM-2201(3) PRINCIPLES OF DESIGN (Le2,La2)**

This course is an introduction to the principles and practice of theatrical design in sets and costumes. Drawing skills are not required but students will learn ways to communicate visual information. This course can be used towards the Humanities Requirement.

**THFM-2310(6) FILMMAKING I: SCREEN NARRATIVE TECHNIQUE (Le3, La3)** This is a practical introduction to

storytelling on screen from the director's perspective. In film or video the sequence structure of various shots and angles forms the basic grammar of screen narrative. This course focuses on the analysis and creation of these visual sequences.

Techniques such as storyboarding, camera placement, movement, coverage, transitions, and editing are explored using the medium of video in both a field and studio environment.

**PREREQUISITE:** THFM-1010(6). THFM-1001(6) is recommended.

**RESTRICTION:** Students may not receive credit for this course and the former THFM-3610(6).

### **THFM-2401(3) THEATRE HISTORY I: AESCHYLUS TO SHAKESPEARE (Le3)**

This course consists of a study of the historical development of theatrical art from the ancient Greeks to the closing of the London theatres in 1642. All aspects of theatrical performance, including plays, acting, costumes, scenery, theatre architecture, and the relationship between theatres and society will be discussed. This course can be used towards the Humanities Requirement.

### **THFM-2402(3) THEATRE HISTORY II: MOLIÈRE TO IRVING (Le3)**

This course covers developments in European and North American theatre from the seventeenth century to the end of the nineteenth century. Several Asian theatre forms are also discussed. This course can be used towards the Humanities Requirement.

### **THFM-2404(3) ABORIGINAL IDENTITIES IN THEATRE AND DRAMA (S3)**

Australian Aboriginal playwright Jack Davis portrays through the character of Worru the quest for identity among Aboriginal peoples: *You have turned our land into a desolate place. / We stumble along with a half-white mind. / Where are we? / What are we? / Not a recognized race* (from *The Dreamers*). This course looks at Aboriginal Theatre and Film as a means of finding and creating one's identity. It includes the study of a variety of plays and documents relevant to Native theatre, primarily from Canada. This course can be used towards the Humanities Requirement.

**PREREQUISITE:** THFM-1001(6) OR THFM-1002(6) OR permission of the Chair.

### **THFM-2405(3) STAGING GREEK AND ROMAN DRAMA (Le3)**

This course focuses on the staging of Greek and Roman tragedy and comedy. Examination of the surviving texts of selected plays, the remains of ancient theatres, contemporary accounts of dramatic performance, and relevant artwork leads to a recreation of an ancient theatrical experience with information on stage configuration, scenery, masks, costumes, properties, gestures, dance, song, mechanical devices, and stage convention. In addition to their written work, students are expected to participate in demonstrations and performances in class. This course can be used towards the Humanities Requirement.

**CROSS-LISTED:** Classics CLAS-2405(3).

### **THFM-2410(6) HISTORY OF FILM (Le3)**

This course surveys the history of narrative film from its earliest beginnings to the present day. Students gain an understanding of the evolving techniques and technical advancements in the art form and the corresponding aesthetic achievements of film artists. The course focuses on the major film movements and filmmakers from Europe, North America, and Asia. This course can be used towards the Humanities Requirement.

**THFM-2501(6) MIME AND IMPROVISATION (Le3,LaV)** This course consists of a study of the theory and practice of theatrical mime and theatrical improvisation. Attention is paid to both the developmental and performance aspects of mime and improvisational activity.

**PREREQUISITE:** THFM-1001(6) OR THFM-1002(6).

**THFM-2502(6) VOICE AND DICTION (Le3,LaV)** This course is a study of the theory and practice of voice production,

projection, diction improvement, and oral techniques as they apply to work in the theatre, in the classroom, and in recreational programs.

**Note:** This course is not recommended for students who have taken or intend to take the Honours program in Acting.

### **THFM-2505 (3) PRINCIPALS OF PHYSICAL TRAINING FOR THE ACTOR (LeLa3)**

This course is designed to introduce actors to the core objectives and fundamental principles regarding the physical training of the actor. Through ongoing in-studio practice, lectures, and group presentations, students learn about the basic anatomy of the body, principles of efficiency in movement, training methodologies, injury prevention, and the long-term requirements of performance. Participants in this course gain a full overview of body mechanics and a solid foundation in movement principles that will directly apply to further movement studies and acting in general. This course is graded on a pass/fail basis.

### **THFM-2601(3) COSTUMING (Le3,LaV)**

This course is a survey of costuming crafts and of the skills necessary to construct a theatrical garment. Skills and theoretical knowledge are developed in a laboratory situation with attention focused on the principles and elements of design interpretation.

**ADDITIONAL REQUIREMENTS:** Students entering this course must be able to operate a domestic sewing machine and make clothes from a pattern.

### **THFM-2602(3) LIGHTING (Le3,LaV)**

This course is a survey of the field of illumination, instrumentation, and control systems. Students study both lighting techniques and the principles of design interpretation. Skills and theory are developed and practised in a laboratory situation.

### **THFM-2603(3) MAKE-UP: THEORY AND PRACTICE (Le3)**

This course teaches the theory and technique of make-up as used in theatre and film. Course content extends beyond standard two-dimensional techniques. This course is suitable for actors, designers, and artisans who are pursuing a career in the performing arts.

### **THFM-2604(2) INTRODUCTION TO STAGE LIGHTING FOR DANCE (LeLaV)**

This course is intended specifically for students enrolled in the Dance Program Stream with the objective of providing them with a basic introduction to stage lighting for dance. The format is an intensive two-week series of classes and workshops. Topics include basic electrical principles and safety procedures, major types of lighting instruments and their functions, and lighting control theory. Students have an opportunity to put theory into practice with a series of labs emphasizing lighting for dance. This course is offered on a pass/fail basis.

**RESTRICTION:** This course is restricted to students who have been accepted into the University of Winnipeg/School of Contemporary Dancers Dance Program Stream.

### **THFM-2605(2) LIGHTING FOR DANCE PRACTICUM (Le1,LaV)**

In this course, material taught in Introduction to Stage Lighting for Dance [THFM-2604(2)] is applied to exercises culminating in a public presentation. Students go through the entire process of creating and executing lighting designs for an actual performance of a new work. This involves conferences with the choreographer(s), a series of proposals, and final design and execution. Additional conferences are arranged as needed. This course is offered on a pass/fail basis.

**PREREQUISITE:** THFM-2604(2).

**RESTRICTIONS:** Students may not receive credit for both this course and THFM-2602(3). This course is restricted to students who have been accepted into the University of Winnipeg/School of Contemporary Dancers Dance Program Stream.

**THFM-2606(2) SELF PRODUCING FOR DANCE (Le2LaV)**

Through a series of lectures and demonstrations, this course introduces students in the Dance Program Stream to a range of knowledge and skills required to self-produce dance programs. Topics include grant application, co-op contracts, space assessment and rental, promotion, insurance and liability, etc. This course is offered on a pass/fail basis.

**RESTRICTIONS:** This course is restricted to students who have been accepted into the University of Winnipeg/School of Contemporary Dancers Dance Program Stream.

**THFM-2610(3) SCRIPT AND SCREEN (Le3)** This course focuses on the study of a number of significant American screenplays, such as *Casablanca*, *Chinatown*, and *Pulp Fiction*. They are discussed as examples of the craft of screenwriting and as illustrations of the screenwriter's contribution to the filmmaking process. Particular attention is given to how the screenwriter controls the flow of dramatic and visual information in order to structure particular film experiences. The relationship between script and film is examined through analysis of the films made from the screenplays studied. While the course is particularly aimed at those interested in screenwriting, it will be valuable for anyone who wants to understand the most popular storytelling medium of our time. This course can be used towards the Humanities requirement.

**THFM-2611(3) INTRODUCTION TO SCREENWRITING (S3)**

This course introduces students to the basics of screenwriting. It includes a study of the language of film, narrative principles, formatting, script analysis, and adaptation. The course also deals with the role of the screenwriter in the filmmaking industry. This course can be used towards the Humanities requirement.

**PREREQUISITE:** THFM-1010(6).

**THFM-2701(6) PLAYWRITING I (S3)** This course introduces students to creation strategies such as idea-outline-draft, imaginary improvisation, and RSVP cycles. In this course the play will be seen as a kind of score for directors, designers, and especially for actors. Creation of the dramatic moment, the dramatic scene, characters revealed through action, and finally a one-act play in which a protagonist seeks to accomplish an objective, form the central concerns of the course. Students are expected to complete a one-act play to at least a second draft. This course can be used towards the Humanities Requirement.

**PREREQUISITE:** THFM-1001(6) OR THFM-1002(6). OR permission of the instructor.

**THFM-2801(6) THEATRICAL PRODUCTION I (Le3,La3+V)**

This course is designed to give students a survey of the technical aspects of theatrical and media production, concentrating on facilities, scenery construction, lighting, and an introduction to sound. Emphasis is on basic concepts and hands-on application through practical lab work on departmental productions.

**PREREQUISITE** OR **COREQUISITE:** THFM-1001(6) OR THFM-1002(6).

**RESTRICTION:** Students may not receive credit for both this course and THFM-2803(3).

**THFM-2803(3) AN INTRODUCTION TO LIGHTING AND SOUND IN PRODUCTION (Le6,LaV)**

This course is designed to give the student an introduction to the technical aspects of theatrical and media production, concentrating on lighting and an introduction to sound. Emphasis is placed on basic concepts in the safe use of facilities and equipment and practical application through hands-on lab work in a departmental production.

**PREREQUISITE** OR **COREQUISITE:** THFM-1001(6) OR THFM-1002(6).

**RESTRICTION:** Students may not receive credit for both this course and THFM-2801(6).

**THFM-2804(3) INTRODUCTION TO ARTS AND CULTURAL MANAGEMENT (Le3)**

This course is intended for students who have an interest in pursuing a career in some aspect of the arts but who would like to acquire a greater understanding of the operational aspects of the business. The course begins with a general introduction to the formation of an arts-centred organization. Class discussions include topics such as: the role of a board of directors; establishing a mandate and objectives; forming a business structure; staffing that structure; ongoing management control systems; and funding alternatives and methods, including applications for public funding.

**RESTRICTIONS:** Students may not receive credit for both this course and the former THFM-2802(3).

**CROSS-LISTED:** Division of Continuing Education 16069.

**THFM-2920(3) INTRODUCTION TO DANCE FOR MUSICAL THEATRE (Le/La3)**

This course introduces the student to the basics of dance, with attention to a variety of styles used in contemporary musical theatre. The course is designed for students **without previous training in dance** who wish to take *THFM-3920(6) Musical Theatre*.

**PREREQUISITE:** THFM-1001(6) or THFM-1002(6) OR permission of the Department Chair.

**RESTRICTION:** This course may not be taken by students who have taken any courses in the Dance Program Stream (DANC).

**THFM-2922(3) INTRODUCTION TO MUSIC AND SINGING (Le/La3)**

This course introduces the student to the rudiments of music and to basic techniques of singing, including voice production, intonation, choral singing, and song interpretation. The course is designed for students **without previous training in music** who are planning to take *THFM-3920(6) Musical Theatre*. It may be taken by other students with the permission of the Department Chair.

**PREREQUISITE:** THFM-1001(6) or THFM-1002(6) OR permission of the Chair.

**RESTRICTION:** Students may not receive credit for this course and any or all of: MUS-0090(3); MUS-1101(3); MUS-123X(4); MUS-323X(4), MUS-423X(4).

**THFM-2925(1) MUSIC PRACTICUM (AV)** This course involves participation for one term in a University musical ensemble such as the Wesley Singers. Students learn the art of ensemble performance while preparing a broad range of music for public performance. Grading is on a pass/fail basis.

**RESTRICTION:** The course can be re-taken for credit, but no more than six Music Practicum sections may be taken for credit.

**THFM-3001(6) SPECIAL STUDIES IN THEATRE/FILM (T,V)**

Students taking this course arrange a program of reading, individual study and lab work in consultation with an appropriate instructor.

**PREREQUISITE:** Permission of the Department Chair.

**THFM-3002(3) SPECIAL STUDIES IN THEATRE/FILM (T,V)**

Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor.

**PREREQUISITE:** Permission of the Department Chair.

**THFM-3101(6) ACTING III: GENERAL (Le3,La3)**

This course applies the major theories on the art of acting to problems of style in a workshop setting. It also introduces approaches to understanding and meeting the demands of a script.

**PREREQUISITES:** THFM-2101(3) and THFM-2102(3) OR THFM-2101(6).

**THFM-3103(6) MOVEMENT FOR ACTORS (Le3,LaV)**

This course introduces students to modern movement techniques, including the principles of Rudolph Laban. Its aim is to increase body awareness and promote mind/body connectedness.

**PREREQUISITES:** THFM-2101(3) and THFM-2102(3) OR THFM-



2101(6) **OR** permission of the Department Chair.

**THFM-3110(6) SCREEN ACTING (Le3,LaV)** Film acting as an art may be approached as a refined version of stage acting but film, unlike the stage, is an intimate medium where the slightest change of mood, emotion, or psychological action is felt and magnified. Using video to record and examine students' work, the course covers the basic principles of the art of acting as they apply to the specific requirements of film: script analysis, role preparation, rehearsal, and blocking. In addition, students are introduced to the vocabulary, protocol, and culture of the film environment. Employment-related topics such as résumés, auditioning, and cold reading are also covered.

**PREREQUISITE:** THFM-2101(6) **OR** permission of the instructor.

**THFM-3201(6) STYLES IN DESIGN (Le1.5,La3)** This course takes students beyond the fundamentals of design and explores advanced theories of colour, perspective, and drawing. Special attention is given to the styles of design in contemporary theatre and the historical background which produced them. Lab work will develop skills in drafting, drawing, and the techniques of painting.

**PREREQUISITE:** THFM-2201(3).

**THFM-3202(3) DRAFTING AND DRAWING (Le3)** This is a course for students who wish to improve their skills in graphic presentation. It emphasizes drafting and drawing as important communications media for either designer or technician.

**THFM-3310(6) FILMMAKING II: DIRECTING THE SHORT FILM (Le3,La3)** This course focuses on the creation of more complex visual narratives than those discussed in Filmmaking I. Emphasis is placed on scene blocking and sequence building within an extended narrative, with special emphasis on directing actors for the camera. Working with film and video, the course looks at the importance of lighting, sound, and music in visual storytelling, including interior and exterior lighting and exposure and the dynamics of location shooting.

**PREREQUISITES:** THFM-2310(6) **AND** permission of the Chair.

**THFM-3311(6) ADVANCED FILM EDITING (Le3La3)** This is an advanced course focusing on both picture and sound editing. Using non-linear editing in digital format, students learn how to log and assemble footage and how the editor constructs a story in pictures. Topics include: pacing and rhythm within a sequence, how to cut for dramatic and comedic effect, how to cut around continuity problems and maintain screen direction, and techniques for "invisible" cutting. In addition, the course covers the historical and theoretical background of picture-editing technique. Students also learn sound-editing techniques on *Pro-Tools* software. This course may be used instead of Filmmaking II as part of the required 30 credit hours for students in the Filmmaking area of study.

**PREREQUISITES:** THFM-2310(6).

**THFM-3401(3) THEATRE HISTORY III: IBSEN TO THE PRESENT (Le3)** This course is a continuation of Theatre History II, but may be taken without prerequisite. It covers developments in world theatre from the late nineteenth century to the present. This course can be used towards the Humanities Requirement.

**THFM-3402(3) CANADIAN DRAMA AND THEATRE (Le3)** This course will examine a range of Canadian dramatic works with an emphasis on plays of the last thirty years. The bulk of the course is devoted to the study of recent plays by Canadian playwrights such as Michel Tremblay, David French, George Ryga, James Reaney, and Sharon Pollock. French-language plays are studied in translation. This course can be used towards the Humanities Requirement.

**THFM-3409(3) GENDER AND SEXUALITY IN THEATRE AND FILM (S3)** This course considers the role of gender and sexual

orientation in all aspects of the contemporary theatre, including theatre organization, financing, working conditions, structure, dramatic writing, and production. Special attention is given to feminist, lesbian, and gay theatre companies and artists in Britain and North America which have sought to reconstruct conventional gender and sexual categories in their work. The required reading for the course includes plays, theoretical and historical writings, and background reading in the feminist, lesbian, and gay movements. This course can be used towards the Humanities Requirement.

**PREREQUISITE:** THFM-1001(6) **OR** THFM-1002(6).

**THFM-3502(6) DRAMA IN EDUCATION (Le3)** This is a survey of the major approaches to the use of dramatic and theatrical techniques in the field of education. Students study the ideas of leading practitioners of educational drama and work to develop the skills necessary for the teaching of Theatre and Film in the schools, and for the use of Theatre and Film in the teaching of other school subjects. This course can be used towards the Humanities Requirement.

**THFM-3503(3) STAGE COMBAT FOR THE WORKING ACTOR (Le3,LaV)** This course is designed to introduce performers to basic stage physicality and the techniques of being both victim and perpetrator of illusory violence. The focus of the course is on the day-to-day skills required by all professional actors, regardless of age or gender, to cope safely with slaps, falls, kicks, rolls, and an assortment of other physical challenges that are routinely met in modern theatre and film. All skills are learned in a dramatic context and are designed to enhance the actor's overall physicality and body awareness on stage. This course is graded on a pass/fail basis. It may be used instead of THFM-2501(6) as a prerequisite for THFM-4532(6) Principles of Stage Combat.

**PREREQUISITE:** THFM-1001(6) **OR** THFM-1002(6).

**THFM-3603(3) MAKE-UP II: PROSTHETICS (Le/La3)** This is an advanced course in make-up design for prosthetic construction and installation. Students design images and then model, cast, and apply three-dimensional facial constructions for application in theatre, television, and film media.

**PREREQUISITE:** THFM-2603(3) **OR** permission of the Department Chair or designate.

**THFM-3701(6) PLAYWRITING II: GENERAL (S3)** This course builds on the skills students acquired in THFM-2701(6) Playwriting I by applying them to the particular tasks of writing a full-length play (i.e. over 90 minutes). The development of plot complications in order to sustain the protagonist's action, subplot(s), scene structure, and the arrangement of incidents are central concerns in this course. Students are expected to complete a first draft of a full-length play during the course. This course can be used towards the Humanities Requirement.

**PREREQUISITE:** THFM-2701(6) **OR** permission of the instructor.

**RESTRICTION:** Students may not receive credit for both this course and THFM-4741(6).

**THFM-3801(6) THEATRICAL PRODUCTION II (Le1.5,LaV)** The areas covered in this course are applicable to film and studio environments as well as the stage and are designed to build upon the training started in THFM-2801(6) Theatrical Production I while introducing work in other areas such as properties, painting, and wardrobe. Practical experience becomes a major component of the course and will involve increased emphasis on the basics of production organization, backstage conduct, and crew maintenance. Through hands-on experience during public exercises, students are ultimately responsible for a variety of performance aspects and are given an opportunity to experiment with crew supervision, computer lighting control and/or digital sound editing, and post-production techniques. Variable labs total not less than 120 hours over the year.

**PREREQUISITES:** THFM-2801(6) **AND** permission of the instructor.

**PREREQUISITE OR COREQUISITE:** THFM-3807(3).

**THFM-3802(3) STAGE MANAGEMENT (Le3,La1.5)** This course gives students a basic introduction to the central role of stage management in the theatre. Intended for general Arts students wishing to get a realistic glimpse of the theatrical experience, this course uses lectures and simulations to reveal the process of mounting a show from the first rehearsal to the final curtain. In addition, labs will provide an introduction to computer applications and the preparation of organizational tools current in the profession. Those wishing more intensive and practical experience are referred to THFM-4832(6) Problems in Stage Management.

**RESTRICTION:** Students may not receive credit for both this course and THFM-4832(6).

**THFM-3803(3) PROPERTIES FOR THE STAGE (Le3,LaV)**

The object of this course is to provide students with an introduction to prop making and acquisition. Emphasis will be placed on practical skills development, research, practice, and the review of special materials and handling procedures for them.

**PREREQUISITE:** THFM-2801(6).

**THFM-3804(3) SCENIC PAINTING (Le3,LaV)** The object of this course is to provide students with an introduction to scenic painting. The proper use of paints and pigments will form a basis from which a study of the major professional painting techniques will be undertaken.

**PREREQUISITES:** THFM-2801(6) **OR** THFM-2201(3).

**THFM-3807(3) THEATRICAL PRODUCTION OPERATIONS AND MANAGEMENT (Le3,LaV)** The objective of the course is to continue the training in technical production for theatre begun in THFM-2801(6) Production I with the introduction of management concepts. It may be taken alone or may be used as a complementary course to THFM-3801(6) Production II in order to optimally balance the theoretical and practical between the two. Students begin to examine the roles of the Technical Manager as they relate to performing arts production. Emphasis is placed on organizational skills such as scheduling, materials acquisition, and personnel and facilities management.

**PREREQUISITES:** THFM-2801(6) **AND** permission of the instructor.

**RESTRICTION:** Students may not take this course if they have credit in THFM-3801(6) from 2002/03 or before.

**THFM-3808(3) ADVANCED STAGECRAFT PRACTICUM**

**(Le/La4)** This course is a practicum in stagecraft which encompasses the management and construction of all scenery for one of the departmental public exercises. The students in this course are involved in planning, ordering materials, shop setup, construction, installation, and removal of a complete set.

**PREREQUISITES:** THFM-2801(6) **AND** permission of the instructor.

**THFM-3809(3) STAGECRAFT II (Le2,La2.5)** This course is the continuation of the stagecraft portion of THFM-2801(6) with greater emphasis on the development of the skills required in the construction of stage scenery. Topics covered include more advanced consideration of techniques and principles of construction for two- and three-dimensional scenery. Emphasis is on layout and preparation for construction problems applicable to the entertainment industry. Considerations of safety in the handling of equipment and materials are included throughout along with the use of the *Workplace Hazardous Materials Information System* as it applies to theatrical scene shops.

**PREREQUISITES:** THFM-2801(6) **AND** permission of the instructor.

**RESTRICTIONS:** Students who have taken the former THFM-

2001(3) Practicum version of Stagecraft II may not take this course.

**THFM-3920(6) MUSICAL THEATRE (Le3La3)** This course introduces the acting student to the special performance demands of musical theatre. It is designed to expand the student's acting skills by focusing on the particular challenges presented by a variety of musical theatre styles. Students also receive training in dance and singing, with the emphasis on learning to integrate these elements into the dramatic context. Students are expected to have previous training in dance and singing, at least to the level achieved in THFM-2920(3) Introductory Dance for Musical Theatre and THFM-2922(3) Introduction to Music and Singing; students who already have backgrounds in either of these areas may apply to the Chair to be exempted from taking one or both of these courses.

**PREREQUISITES:** THFM-2101(6); THFM-2920(3); **AND** THFM-2922(3).

**HONOURS COURSES**

**THFM-4041(6) SPECIAL STUDIES IN THEATRE/FILM (T,V)**

Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate Instructor.

**PREREQUISITE:** Permission of the Department Chair.

**THFM-4042(3) SPECIAL STUDIES IN THEATRE/FILM (T,V)**

Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate Instructor.

**PREREQUISITE:** Permission of the Department Chair.

**THFM-4131(12) ACTING III: HONOURS (Le9,LaV)** This is an advanced course which offers a study of acting style and technique as they relate to the interpretation of plays within the modern period and within certain well-defined genres.

**PREREQUISITES:** THFM-2101(3) and THFM-2102(3) **OR** THFM-2101(6); **AND** permission of the instructor.

**ADDITIONAL REQUIREMENTS:** Admission to this course is by audition only. Auditions are held in late April for the following September.

**THFM-4133(6) DEvised THEATRE (Le3,LaV)** This course explores several models for the generation and development of original material for performance. Students are expected to engage in various methods of individual and collaborative play-making research and to explore various processes and forms in the construction of original performance work. Students are responsible for producing substantial amounts of theoretical and practical research outside of scheduled class times. The course culminates in the construction of public performance pieces and additional rehearsals will be scheduled outside of class time.

**PREREQUISITES:** THFM-2101(6) **AND** permission of the instructor.

**THFM-4134(6) INTERPRETING SHAKESPEARE (Le3,La3)**

This course is for performance students who seek an understanding of the problems of text analysis, stylistic control, and verse speaking involved in classical interpretation. Emphasis will be placed on intellectual understanding of the text and on the practical skills necessary to translate that understanding into an effective performance. Grading in the course is based on both written and practical assignments. This course can be used towards the Humanities Requirement.

**PREREQUISITE:** THFM-2101(6).

**THFM-4135(3) ACTING FOR THE MEDIA (Le3,LaV)**

This course is designed to give the student a basic practical and theoretical understanding of the demands of acting for the camera. It focuses on specific knowledge, skills, and techniques with special attention to adaptation from stage to media work. Classes consist of lectures and discussions on the art and craft of film acting interpreted with practical exercises designed to

address and overcome the problems inherent in the art. Students are expected to research and present special topics of relevance, prepare and perform a major role in a scene, prepare and perform minor acting roles as needed, and participate in technical activities in support of classmates' work.

**PREREQUISITES:** THFM-2101(3) **AND** THFM-2102(3) **OR** THFM-2101(6).

**THFM-4136(3) ADVANCED MEDIA ACTING (Le3,LaV)** This course continues the work of THFM-4135(3) Acting for the Media. Through ensemble work on 5-10 minute video productions, acting students further develop their knowledge and skill in all aspects of the media process: acting, directing, editing, camera, sound, and lighting. These projects are supplemented with lectures, readings, workshop exercises, and discussions. Students must be prepared to work some evenings and/or weekends outside of scheduled class time in order to accommodate shooting and editing.

**PREREQUISITE:** THFM-4135(3) Acting for the Media **OR** permission of instructor.

**THFM-4141(12) ACTING IV: HONOURS – STYLE AND GENRE (Le9,LaV)** This course focuses on the development of students' acting skills and techniques in a performance context, involving particular historical styles and/or theatrical genres. The course emphasizes vocal styling, period movement, and physical characterization, as well as ensemble techniques. Students participate in the rehearsal and performance of two full-length productions presented as public exercises, and lab sessions designed to prepare them for the challenges of each. **PREREQUISITE:** THFM-4131(12) **AND** permission of the Chair. **RESTRICTION:** Students may not receive credit for both THFM-4141(12) and THFM-4145(6).

**THFM-4145(6) ACTING IV: HONOURS-CONTEMPORARY PERFORMANCE (Le/La9)** This is a 6 credit hour course designed for students who have completed Acting III: Honours; students who have completed Acting III: General may take it with permission of the Department Chair. This course undertakes the further development of the student's acting skill and ensemble technique with particular emphasis on achieving authenticity of dramatic action and sustaining character in the performance of a full-length contemporary play. The course also includes vocal training.

**PREREQUISITES:** THFM-4131(12) **AND** permission of the Department Chair.

**RESTRICTION:** Students may not receive credit for both THFM-4141(12) and THFM-4145(6).

**THFM-4203(6) CONTEMPORARY STAGE DESIGN (Le1.5,La3)** This advanced course in design (sets and costumes) continues the development of design skills on both theoretical and practical projects. Students study in the capacity of design assistants or designers on Departmental sponsored or approved productions. Papers of design analysis along with renderings, models, and post-production self-criticism are integral to the course.

**PREREQUISITES:** THFM-3201(6) **AND** THFM-3202(3).

**THFM-4331(6) DIRECTING I (Le3,La3)** This course explores the director's process in the dramatic theatre, including such matters as play selection, the audition, coaching actors, and finding "the theatrical metaphor." In the lab sessions students present scenes and receive criticism of their work. The final project for the course includes the direction of a one-act play. The student will also write papers of intent and papers of self-criticism in connection with each directing assignment.

**PREREQUISITES:** THFM-2101(3) **AND** THFM-2102(3) **OR** THFM-2101(6).

**THFM-4341(6) DIRECTING II (LeV,LaV)** This is a tutorial course which continues the work started in THFM-4331(6) Directing I. In addition to an advanced directing project,

assignments may include placement as assistant director to a departmental or professional production. The student also writes papers of intent and papers of self-criticism in connection with the course work.

**PREREQUISITE:** THFM-4331(6).

**THFM-4441(3) THEATRE AESTHETICS (S3)** This course consists of an examination of some fundamental questions about the nature of Theatre and Film. Seminar discussions will be supplemented with the reading of key texts in dramatic theory and criticism. This course can be used towards the Humanities Requirement.

**PREREQUISITES:** THFM-2401(3). Permission of the instructor is required in the case of General Course Students applying to enrol in this Honours course.

**THFM-4442(3) ADVANCED THEORY OF ACTING (S3)** This course deals with major issues in the theory of acting and other modes of theatrical performance, with attention to Stanislavsky, Meyerhold, Artaud, and Grotowski, as well as to more recent attempts to understand the nature of acting, the principles underlying actor training, both physical and psychological, and the aesthetics of acting and other performance modes. Some attention will be given to recent cross-cultural and cross-disciplinary studies of performance.

**PREREQUISITE:** THFM-1001(6) **OR** THFM-1002(6).

**THFM-4531(6) ADVANCED MIME, IMPROVISATION AND STORYTHEATRE TECHNIQUE (Le3,LaV)** This course offers advanced work in mime, improvisation, and story theatre techniques. Through lectures and workshops students explore the relationship between the objective ritual of plot and story and the actor's subjective improvisation. Students are asked to construct and perform original performance pieces applying dramaturgical and performance principles explored in class. This is a performance course and full participation in all classroom workshops, as well as public exercises and the full rehearsal schedule is mandatory. Students are evaluated on both written and performance assignments. This course can be used towards the Humanities Requirement.

**PREREQUISITES:** THFM-1001(6) **OR** THFM-1002(6), **AND** a "B" or better in THFM-2501(6), **OR** equivalent experience.

**THFM-4532(6) PRINCIPLES OF STAGE COMBAT (Le3,LaV)**

This course is an introduction to the basic principles of stage combat. Systems for safety, principles of illusion, and style/period considerations are covered as they relate to unarmed combat and basic swordplay. The course is considered a performance course and all stage combat skills are evaluated in the context of a dramatic scene.

**PREREQUISITES:** A "B" or better in THFM-2501(6), **OR** equivalent experience.

**THFM-4741(6) PLAYWRITING II: HONOURS (S3)** This course focuses on the same issues as THFM-3701(6); however, in this course students are expected to complete a sufficient number of drafts of a full-length play to be able to submit it to a professional theatre. If possible, plays written in this course will be workshopped with student actors. This course can be used towards the Humanities Requirement.

**PREREQUISITE:** THFM-2701(6) **OR** permission of the instructor.

**RESTRICTION:** Students may not receive credit for both this course and THFM-3701(6).

**THFM-4832(6) PROBLEMS IN STAGE MANAGEMENT (Le3,LaV)**

This course is designed to give the student a comprehensive understanding of stage management and an opportunity to apply that understanding as a part of the stage management team working on a public exercise. In the process the student will develop an understanding of basic management theories as they relate to the profession. Lectures provide the student with an overview of stage management and the fundamental skills it demands. Labs are both instructional and

practical in nature and encompass the use of computers and an opportunity to experience stage management in an arena closely duplicating that of the profession.

**PREREQUISITE:** THFM-2801(6).

**RESTRICTION:** Students may not receive credit for both this course and THFM-3802(3).

# DANCE PROGRAM STREAM (DANC)

**Note: The department/program code DANC replaces the former code 93. Students cannot hold credit in DANC-xxxx and the former 93.xxxx having the same course number [e.g., DANC-1901(3) and 93.1901(3)].**

**Co-Principals:** Odette Heyn-Penner, Faye Thomson.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**Honours BA**

## INTRODUCTION

The objective of the Dance Program Stream is to prepare the Theatre and Film Dance Stream major for graduate-equivalent training and/or professional work in performance, teaching, or choreography. The program is offered jointly with the Senior Professional Program of the School of Contemporary Dancers; **entrance to the Senior Professional Program of the School of Contemporary Dancers is by audition.** Once admission is obtained, students must also apply for admission to the University of Winnipeg; this must be done prior to registering for courses in the Dance Program Stream.

## REQUIREMENTS FOR A 3-YEAR BA (DANCE PROGRAM STREAM)

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study. Call 786-9955 for further information, or to arrange an appointment.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**Note:** Theatre and Film Stream courses cannot be used to fulfil the Major subject requirements in the Dance Program Stream; they are considered to be a different subject with respect to the maximum number of courses permitted in the Major subject and to the University Distribution Requirement.

### MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours.  
Double Major: 36 credit hours in Dance and specified number of credit hours in the other department/program.  
Required courses:  
**DANC-3901(6)** Dance Technique III  
**DANC-3902(6)** Performance I  
**DANC-3903(6)** Performance II

### EXAMPLE OF PATTERN OF DANCE STUDY

#### DANCE:

##### 1st Year:

Compulsory: **DANC-1901(3)** Survey of Dance I; **DANC-2901(6)** Dance Technique I.  
Recommended: **RHET-1105(3)** Academic Writing; **PSYC-1000(6)** Introduction to Psychology; **THFM-1001(6)** Introduction to Theatre: Performance; **KIN-2301(3)** Human Anatomy; and the 2 credit-hour intensive course offered by the Department of Theatre and Film (THFM), usually each September (TBA).

##### 2nd Year:

Compulsory: **DANC-1902(3)** Survey of Dance II; **DANC-2902(6)** Dance Technique II.  
Recommended: **PSYC-2200(3)** Developmental Psychology; **PSYC-2210(3)** Introduction to Educational Psychology; 12 credit hours in optional courses, including at least 3 credit hours in a new disciplinary area; and the 2 credit-hour intensive course offered by the Department of Theatre and Film (THFM), usually each September (TBA).

##### 3rd Year:

Compulsory: **DANC-3901(6)** Dance Technique III; **DANC-3902(6)** Performance I; **DANC-3903(6)** Performance II.  
Recommended: **DANC-3910(6)** Dance Composition I and/or **DANC-3911(6)** Dance PAedagogy I and/or an alternative choice; and the 2 credit-hour intensive course offered by the Department of Theatre and Film (THFM), usually each September (TBA).

**Note:** In the Spring/Summer session in any given year, students are encouraged to take Spring Dance Intensive courses or other optional courses to complete the degree in those programs where the above sequences have not been followed precisely.

## REQUIREMENTS FOR THE BA HONOURS (DANCE PROGRAM STREAM)

### ADMISSION REQUIREMENT

Students may enter into the program after completing a minimum of 30 credit hours.

Entry, continuing, and graduation minimum GPA is 3.0 in Honours subject courses and 2.5 (C+) in Non-Honours subject courses.

The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses.

The minimum 2.5 GPA (C+) in all Non-Honours subject courses will be calculated as for the general degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).

**GRADUATION REQUIREMENT** Minimum 120 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 60 credit hours

Honours: Minimum 30 credit hours, including at least 18 credit hours at the upper level (3000/4000), of which a minimum of 9 credit hours must be at the 4000 level.

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities

Science: 6 credit hours in Science

Writing: Minimum 3 credit hours of Academic Writing.

Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

Distribution: Minimum three (3) credit hours from each of five (5) different subjects.

**Note:** Theatre and Film Stream courses cannot be used to fulfil the Honours subject requirements in the Dance Program Stream; they are considered to be a different subject with respect to the maximum number of courses permitted in the Honours subject and to the University Distribution Requirement.

### HONOURS REQUIREMENT (DANCE)

Single Honours: Minimum 66 credit hours/Maximum 78 credit hours in the Honours subject.

Minimum 30 credit hours at the 4000 level.

Double Honours: Minimum 60 credit hours in each Honours subject.

Minimum 24 credit hours at the 4000 level in each Honours subject.

Required Courses:

**DANC-4901(6)** Dance Technique IV

**DANC-4902(6)** Performance III

**DANC-4903(6)** Performance IV

**DANC-4904(6)** Spring Dance Intensive IV

### EXAMPLE OF PATTERN OF DANCE STUDY

DANCE:

1st Year:

Compulsory: **DANC-1901(3)** Survey of Dance I; **DANC-2901(6)** Dance Technique I.

Recommended: **RHET-1105(3)** Academic Writing; **PSYC-1000(6)** Introduction to Psychology; **THFM-1001(6)** Introduction to Theatre Performance; **KIN-2301(3)** Human Anatomy; 3 credit hours in optional courses; and the 2 credit-hour intensive course offered by the Department of Theatre and Film (THFM) each September (TBA).

2nd Year:

Compulsory: **DANC-1902(3)** Survey of Dance II; **DANC-2902(6)** Dance Technique II.

Recommended: **KIN-3201(3)** Biomechanics; **PSYC-2200(3)** Developmental Psychology; **PSYC-2210(3)** Introduction to Educational Psychology; 6 credit hours in optional courses, including at least 3 credit hours in a new disciplinary area; and the 2 credit-hour intensive course offered by the Department of Theatre and Film (THFM) each September (TBA).

3rd Year:

Compulsory: **DANC-3901(6)** Dance Technique III; **DANC-3902(6)** Performance I; **DANC-3903(6)** Performance II.

Recommended: **DANC-3910(6)** Dance Composition I and/or **DANC-3911(6)** Dance PAedagogy I and/or an alternative choice; and the 2 credit-hour intensive course offered by the Department of Theatre and Film (THFM) each September (TBA).

4th Year:

Compulsory: **DANC-4901(6)** Dance Technique IV; **DANC-4902(6)** Performance III; **DANC-4903(6)** Performance IV, **DANC-4904(6)** Spring Dance Intensive IV.

Recommended: **DANC-4910(6)** Dance Composition II and/or **DANC-4911(6)** Dance PAedagogy II; and/or 6 credit hours in optional courses.

**Note:** In the Spring/Summer session in any given year, students are encouraged to take Spring Dance Intensive courses or other optional courses to complete the degree in those programs where the above sequences have not been followed precisely.

## COURSE LISTINGS

### COURSES IN THE GENERAL PROGRAM

DANC-1901(3) Survey of Dance I  
DANC-1902(3) Survey of Dance II  
DANC-1904(6) Spring Dance Intensive I  
DANC-2901(6) Dance Technique I  
DANC-2902(6) Dance Technique II  
DANC-2904(6) Spring Dance Intensive II  
DANC-3901(6) Dance Technique III  
DANC-3902(6) Performance I  
DANC-3903(6) Performance II  
DANC-3904(6) Spring Dance Intensive III  
DANC-3910(6) Dance Composition I  
DANC-3911(6) Dance PAedagogy I  
DANC-3912(6) Special Studies in Dance I

### HONOURS COURSES

DANC-4901(6) Dance Technique IV  
DANC-4902(6) Performance III  
DANC-4903(6) Performance IV  
DANC-4904(6) Spring Dance Intensive IV  
DANC-4910(6) Dance Composition II  
DANC-4911(6) Dance PAedagogy II  
DANC-4912(6) Special Studies in Dance II

### RECOMMENDED NON-DANCE COURSES

The following cognate courses are recommended as being complementary to a major in dance:

### BIOLOGY

BIOL-1103(6) Human Biology  
BIOL-1112(6) Human Anatomy and Physiology  
**NOTE:** These courses can be used towards the Science Requirement

### KINESIOLOGY AND APPLIED HEALTH

KIN-2202(3) Prevention and Care of Sport Injuries  
KIN-2301(3) Human Anatomy  
KIN-3201(3) Biomechanics  
**NOTE:** These courses can be used towards the Science Requirement

### PSYCHOLOGY

PSYC-1000(6) Introductory Psychology  
PSYC-2200(3) Developmental Psychology I: Fundamentals  
PSYC-2210(3) Introduction to Educational Psychology

### THEATRE AND FILM

THFM-1001(6) Introduction to Theatre: Performance  
THFM-2101(6) Acting Theory and Practice  
THFM-2501(6) Mime and Improvisation  
THFM-2502(6) Voice and Diction  
THFM-2602(3) Lighting

## COURSE DESCRIPTIONS

**DANC-1901(3) SURVEY OF DANCE I (Le3,La3)** This course introduces students to composition, pAedagogy, and performance through the use of lectures, demonstrations, and practical application. Composition: fundamental concepts of choreography; improvisation as a basis for choreographic development. Paedagogy: introduction to kinesiological principles and technical and artistic analysis. Performance: analysis of the rehearsal and performance experience. The classes for this course are scheduled over two terms.

**COREQUISITE:** Must be taken concurrently with DANC-2901(6) Dance Technique I.

**DANC-1902(3) SURVEY OF DANCE II (Le3,La3)** This is a continuation of DANC-1901(3).

**PREREQUISITE:** DANC-1901(3) **OR** permission of the Program Co-Director.

**COREQUISITE:** Must be taken concurrently with DANC-2902(6) Dance Technique II.

**DANC-1904(6) SPRING DANCE INTENSIVE I (Le3,LaV)** This is a practical and intensive studio course in dance. It includes technique, performance, and special topics relevant to the technical and artistic development of the modern dancer. Admission to the course is by audition.

**DANC-2901(6) DANCE TECHNIQUE I (Le3,LaV)** This course is comprised of daily studio classes in the techniques of modern dance and ballet. The course focuses on the refinement of technique and artistic development.

**COREQUISITE:** Must be taken concurrently with DANC-1901(3)

Survey of Dance I.

**DANC-2902(6) DANCE TECHNIQUE II (Le3,LaV)** This is a further development of DANC-2901(6) Dance Technique I.

**PREREQUISITE:** DANC-2901(6) **OR** permission of the Program Co-Director.

**COREQUISITE:** Must be taken concurrently with DANC-1902(3) Survey of Dance II.

**DANC-2904(6) SPRING DANCE INTENSIVE II (Le3,LaV)**

This is a further development of DANC-1904(6) Spring Dance Intensive I. It is a practical and intensive studio course in dance and includes technique, performance, and special topics relevant to the technical and artistic development of the modern dancer.

**PREREQUISITE:** DANC-2901(6) Dance Technique I or equivalent; **OR** permission of Program Co-Director.

**DANC-3901(6) DANCE TECHNIQUE III (Le3,LaV)** This is a further development of DANC-2902(6) Dance Technique II.

**PREREQUISITE:** DANC-2902(6) Dance Technique II **OR** permission of the Program Co-Director.

**COREQUISITES:** Must be taken concurrently with DANC-3902(6) Performance I **AND** DANC-3903(6) Performance II.

**DANC-3902(6) PERFORMANCE I (Le3,LaV)** This course is a performance project focusing on works by faculty members and/or guest choreographers. It includes rehearsals and performances.

**COREQUISITES:** Must be taken concurrently with DANC-3901(6)

Dance Technique III **AND** DANC-3903(6) Performance II.

**DANC-3903(6) PERFORMANCE II (Le3,LaV)** This is a second performance project course focusing on works by faculty members and/or guest choreographers.

**COREQUISITES:** Must be taken concurrently with DANC-3901(6) Dance Technique III **AND** DANC-3902(6) Performance I.

**DANC-3904(6) SPRING DANCE INTENSIVE III (Le3,LaV)** This is a further development of DANC-2904(6) Spring Dance Intensive II. It is a practical and intensive studio course in dance and includes technique performance and special topics relevant to the technical and artistic development of the modern dancer.

**PREREQUISITE:** DANC-2902(6) Dance Technique II or equivalent, **OR** permission of the Program Co-Director.

**DANC-3910(6) DANCE COMPOSITION I (Le2,LaV)** This course explores methods of choreography and includes choreographic assignments culminating in public performances. It is normally taken in the third year.

**PREREQUISITE:** Permission of the Program Co-Director.

**DANC-3911(6) DANCE PAEDAGOGY I (Le3)** This course explores methods of teaching in creative dance, ballet and modern at the elementary level and offers studio experience in teaching and/or assistant teaching. It is normally taken during the second or third year.

**PREREQUISITES:** Permission of the Program Co-Director.

**DANC-3912(6) SPECIAL STUDIES IN DANCE (P)**

#### HONOURS COURSES

**DANC-4901(6) DANCE TECHNIQUE IV (Le3,LaV)** This course is a further development of DANC-3901(6) Dance Technique III.

**PREREQUISITE:** DANC-3901(6) Dance Technique III **OR** permission of the Program Co-Director.

**COREQUISITES:** Must be taken concurrently with DANC-4902(6) Performance III **AND** DANC-4903(6) Performance IV.

**DANC-4902(6) PERFORMANCE III (Le3,LaV)** This course represents a progression from the 3000-level performance courses with emphasis on the student's individual development. It involves a practicum with a professional choreographer.

**PREREQUISITES:** DANC-3901(6) Dance Technique III, DANC-

3902(6) Performance I **AND** DANC-3903(6) Performance II **OR** permission of the Program Co-Director.

**COREQUISITES:** Must be taken concurrently with DANC-4901(6) Dance Technique IV **AND** 4903(6) Performance IV.

**DANC-4903(6) PERFORMANCE IV (Le3,LaV)** This course represents a further progression from the 3000-level courses with emphasis on the student's individual development. It involves a practicum with a professional choreographer.

**PREREQUISITES:** DANC-3901(6) Dance Technique III, DANC-3902(6) Performance I **AND** DANC-3903(6) Performance II **OR** permission of the Program Co-Director.

**COREQUISITES:** Must be taken concurrently with DANC-4901(6) Dance Technique IV **AND** 4902(6) Performance III.

**DANC-4904(6) SPRING DANCE INTENSIVE IV (Le3,LaV)** This is a further development of DANC-3904(6) Spring Dance Intensive III. It is a practical and intensive studio course in dance and includes technique, performance, and special topics relevant to the technical and artistic development of the modern dancer.

**PREREQUISITE:** DANC-3901(6) Dance Technique III or equivalent; **OR** permission of the Program Co-Director.

**DANC-4910(6) DANCE COMPOSITION II (Le2,LaV)** This course represents a further development of DANC-3910(6) Dance Composition I.

**PREREQUISITES:** DANC-3910(6) Dance Composition I **AND** permission of the Program Co-Director.

**DANC-4911(6) DANCE PAEDAGOGY II (Le3)** This course places emphasis on the teaching of ballet and modern at the intermediate level and offers studio experience in teaching and/or assistant teaching.

**PREREQUISITES:** DANC-3911(6) Dance Paedagogy I **AND** permission of the Program Co-Director.

**DANC-4912(6) SPECIAL STUDIES IN DANCE II (P)**



# URBAN AND INNER-CITY STUDIES (UIC)

**Co-Directors: Professor J. Silver, J. Distasio (Institute for Urban Studies); Associate Professor: J. Harris; Administrative Assistant: C. Michell.**

## DEGREES/PROGRAMS OFFERED

**3-Year BA  
4-Year BA  
Honours BA  
Certificate**

## INTRODUCTION

Urban and Inner-City Studies is an interdisciplinary Major concerned with the examination of the city as a dynamic environment. The program combines a traditional urban studies focus with courses that examine various aspects of the inner city, such as, the urban Aboriginal experience, the immigrant and refugee experience, and the role of women. In Canada, cities continue to be centres of great challenges: from managing suburban growth, to promoting inner-city revitalization; from responding to the opportunities and challenges created by rapidly changing demographics, to those created by globalization and socio-economic change. Cities are also home to increased concentrations of poverty and social and political exclusion. The Urban and Inner-City Studies program provides an opportunity to examine the political, economic, social and spatial context of these and many other important aspects of urban change from an interdisciplinary perspective.

The Urban and Inner-City Studies program is housed in the Politics Department. Other participating departments and programs include Aboriginal Governance, Business and Administration, Conflict Resolution Studies, Criminal Justice, Economics, Geography, History, International Development Studies, Sociology, and Women and Gender Studies. The program also draws upon the resources and expertise of the Institute of Urban Studies, which, since 1969, has undertaken work on urban issues.

## RED RIVER COLLEGE

The Urban and Inner-City Studies program welcomes students from the Community Development/Community Economic Development Program at Red River College. The University of Winnipeg will grant a total of 30 credit hours in transfer credits to Red River College students who have completed the 2 year Diploma program in CD/CED. For students who have completed 1 year and have received their Certificate in CD/CED, the University will transfer 9 credit hours. Further details regarding the transfer of credits and course requirements are available from the Director of UIC.

## CERTIFICATE PROGRAM

The Certificate Program in Urban and Inner-City Studies is a new 30-credit-hour program, designed especially for part-time students. Awarded annually by the Urban and Inner-City Studies program, the certificate will indicate a pre-degree designation. Since the courses required for the certificate are also part of the degree programs, they can be used towards a 3-year, 4-year or Honours BA, if the student chooses to continue his/her studies.

Please Note: Some of the Urban and Inner City Studies course offerings will be taught off-campus.

## REQUIREMENTS FOR A 3-YEAR BA IN URBAN AND INNER-CITY STUDIES

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Director of the program in planning their course of study.
<b>GRADUATION REQUIREMENT</b>	90 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 30 credit hours
Major:	Minimum 18 credit hours
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum five (5) different subjects.
<b>MAJOR REQUIREMENT</b>	
Single Major:	Minimum 36 credit hours/Maximum 48 credit hours. Students must take 36 credit hours from the list of core courses.
Double Major:	36 credit hours in Urban and Inner-City Studies and specified number of credit hours in the other department/program.

## REQUIREMENTS FOR A 4-YEAR BA IN URBAN AND INNER-CITY STUDIES

<b>ADMISSION REQUIREMENT</b>	Students must consult with the Director in planning their studies Students must have completed at least 30 credit hours in Urban and Inner-City Studies
<b>GRADUATION REQUIREMENT</b>	120 credit hours
<b>RESIDENCE REQUIREMENT</b>	
Degree:	Minimum 60 credit hours
Major:	Minimum 30 credit hours

## GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Social Science:	12 credit hours in Social Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.

## MAJOR REQUIREMENT

Single Major:	Minimum 51 credit hours/Maximum 66 credit hours.
Double Major:	51 credit hours in Urban and Inner-City Studies and specified number of credit hours in the other department/program.
Cognates:	Minimum of 18 credit hours, maximum of 36 credit hours in related courses from one of several departments. Maximum total of cognate and major courses is 84 credit hours combined. Students may take a maximum of 12 credit hours of Directed Reading towards the major requirement.

### Required courses:

36 credit hours from the list of core courses  
15 credit hours from the list of optional courses  
Minimum 18 credit hours at the 2000 level  
Minimum 24 credit hours at the 3000 level  
Maximum 18 credit hours at the 4000 level

Students who have obtained at least a 3.0 GPA in previous Urban and Inner-City Studies courses may substitute a maximum of 18 credit hours at the 4000 level for 3000-level courses.

Students without the required 3.0 GPA must consult the Director for permission to take 4000-level courses.

Combined Major:	Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.
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## REQUIREMENTS FOR AN HONOURS BA IN URBAN AND INNER-CITY STUDIES

### ADMISSION REQUIREMENT

Students must have completed 30 credit hours with a minimum 3.0 GPA in Honours subject courses (cumulative GPA) and 2.5 GPA (degree GPA) in non-Honours courses. Students must consult with and have the approval of the Director of the program or the Director's designate in planning their course of study.

### GRADUATION REQUIREMENT

120 credit hours, with minimum 3.0 GPA in Honours subject courses and 2.5 GPA in Non-Honours subject courses.

### RESIDENCE REQUIREMENT

Degree:	Minimum 60 credit hours
Honours:	Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.

## GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities
Science:	6 credit hours in Science
Writing:	Minimum 3 credit hours of Academic Writing.
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.

## HONOURS REQUIREMENT

Single Honours:	Minimum 54 credit hours/Maximum 78 credit hours Minimum 30 credit hours in 4000-level Honours Courses Students are allowed a maximum of 12 credit hours of Directed Readings toward the
Honours requirement	
Double Honours:	Minimum 36 credit hours in each Honours subject Minimum 24 credit hours in 4000-level Honours courses in Urban and Inner-City Studies

Honours students must select from the lists of courses according to the requirements under the 4 Year Degree above:  
36 credit hours from the list of core courses  
15 credit hours from the list of area courses  
In addition they must select:  
30 credit hours from the Honours course list

## REQUIREMENTS FOR A CERTIFICATE IN URBAN AND INNER-CITY STUDIES

Students who take the following 30 credit hours of courses in the Urban and Inner-City Studies program are entitled to receive a Certificate in Urban and Inner-City Studies.

### Take the following seven courses:

UIC-1001(3) Introduction to Urban and Inner-City Studies  
DMISC-16476 0703 Introduction to University-eligible for transfer credit (3) or

RHET-1105(3)	Academic Writing
UIC-2001(3)	Urban and Inner-City Community Development/Community Economic Development
UIC-2020(3)	Colonization and Aboriginal Peoples
UIC-2030(3)	Management & Financial Administration in Community & Aboriginal Organizations
UIC-3001(6)	Urban and Inner-City Practicum

**Choose at least one of the following two courses:**

ECON-1104(3)	Introduction to Economic Theory
POL-2010(3)	Politics in the Inner City

**Choose at least one of the following three courses:**

POL-2500(3)	City Politics
GEOG-2415(3)	Introduction to Urban Development
UIC-3100(3)	Issues in Urban and Inner-City Studies

## COURSE LISTINGS

Please note: Courses with asterisks (\*) have prerequisites or require departmental approval.

**UIC Core Courses:**

GEOG-3413(3)	Urban Revitalization*
GEOG-3010(3)	Urban Studies Special Topics (The Summer Institute)

**All students must complete a minimum of 36 credit hours from the core list.**

**Take the following four courses:**

UIC-1001(3)	Introduction to Urban and Inner-City Studies
ECON-1104(3)	Introduction to Economic Theory
UIC-2001(3)	Urban and Inner-City CD/CED
UIC-3001(6)	Urban and Inner City Practicum*

**Choose at least one of the following:**

SOC-2126(3)	Introduction to Research Design and Qualitative Research*
IDS-3920(3)	Action Research Methods*
WGS-3200(6)	Feminist Research Methodologies*

**Choose at least one of the following:**

UIC-2020(3)	Colonization and Aboriginal Peoples
POL-2030(3)	Urbanization of Aboriginal Peoples

**Choose at least one of the following:**

GEOG-2415(3)	Introduction to Urban Development
POL-2500(3)	City Politics

**Choose at least four of the following:**

POL-2010(3)	Politics in the Inner City
UIC-2030(3)	Community Leadership: Management and Financial Administration
UIC-3020(3)	Women and the Inner City
UIC-3035(3)	Community Leadership: Human Resource Management
UIC-3040(3)	Poverty and the Law
UIC-3050(3)	Immigration and the Inner City
UIC-3100(3)	Issues in Urban and Inner-City Studies
UIC-4001(3)/(6)	Directed Readings in Urban and Inner-City Studies

**Area Courses:**

**Four-year Majors and Honours students must complete a minimum of 15 credit hours from the area list:**

**Anthropology**

ANTH-2160(3)	Indigenous Peoples and the Industrial State*
ANTH-2211(3)	Origins and Development of Urbanism

**Business and Administration**

BUS-3250(3)	Not-for-Profit Management *
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**Conflict Resolution Studies**

CRS-2443(3)	Conflict and Development Issues in Indigenous Communities
CRS-3242(3)	Women and Peacemaking

**English**

ENGL-3717(6)	Aboriginal Literatures*
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**Geography**

GEOG-2414(3)	The Urban Environment*
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**History**

HIST-2509(6)	History of Aboriginal Peoples of Canada
HIST-3121(3)	Women in the Modern World
HIST-3542(6)	Gender, Class and Ethnicity in Canadian History
HIST-3544(6)	History of Winnipeg
HIST-3545(6)	Historical Perspectives on Women in Canada

**International Development Studies**

IDS-2110(3)	Participatory Local Development (formerly IDS-3110(3))
IDS-2160(3)	Indigenous Peoples and the Industrial State*
IDS-2443(3)	Conflict and Development Issues in Indigenous Communities

**Politics**

POL-2405(6)	Women, Gender and Politics
POL-2410(6)	Human Rights and Civil Liberties in Canada
POL-2505(3)	Issues in City Politics
POL-3020(3)	The New Segregation: Poverty, Race and Social Exclusion
POL-3400(3)	Aboriginal Politics in Canada
POL-3405(3)	Aboriginal Politics in Manitoba
POL-3411(3)	Aboriginal People and the Law
POL-3415(3)	Aboriginal People and the Law II
POL-3510(3)	Interest Groups and New Social Movements

**Religious Studies**

REL-2801(3)	Introduction to Aboriginal Spirituality I
REL-2802(3)	Aboriginal and Christian Encounters
REL-2804(3)	Global Perspectives on Aboriginal Societies, Spirituality and the Environment

**Sociology**

SOC-2105(6)	Race, Ethnic and Aboriginal Relations*
SOC-2118(6)	Sex and Gender Relationships*
SOC-2120(3)	Sociology of Communities*
SOC-3113(6)	Sociology of Cities and Urban Life*
SOC-3123(3)	Crime, Victimization and Justice in Aboriginal Communities*
SOC-3208(3)	Women: Crime and Social Justice*

**Urban and Inner-City Studies**

UIC 3011(3)	Inner-City Economic Development
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**Women's and Gender Studies**

WGS-1232(6)	Introduction to Women and Gender Studies
WGS-2250(3)	Women of Colour in Canada*
WGS-3242(3)	Women and Peacemaking*

## Honours Courses:

**Note: All Honours level courses require permission of the appropriate department and some may have prerequisites.**

AG-4021(6)	Pathways to Indigenous Wisdom
AG-4022(3)	Indigenous Research Methods
ANTH-4105(6)	Aboriginals and Newcomers in Encounter: Selected Topics
CJ-4105(3)	Seminar in Youth and Justice
CRS/IDS-4910(3)	Conflict and Construction of the Other
GEOG- 4403(3)	Urban Land Use Developmental Processes
GEOG-4404(3)	Field Research in Urban Geography
HIST-4570(3)	Aboriginals and Newcomers in Encounter: Selected Topics
IDS/CRS-4920(3)	Program Planning, Monitoring, and Evaluation
POL-4440(6)	Seminar in Aboriginal Politics
POL-4505(6)	Politics of Urban Planning
POL-4515(6)	Inner-City Seminar
REL-4551(3)	Religion and Social Change
REL-4800(3)	Topics in Aboriginal Religious Traditions
SOC-4412(6)	Seminar in Sociology and the Family
SOC-4413(6)	Seminar in Race and Ethnic Relations
SOC-4414(6)	Seminar in Women in Society
UIC-4001(3)/(6)	Directed Readings in Urban and Inner-City Studies
UIC-4445(3)	Urban Aboriginal Seminar
WGS-4004(3)	Feminist Cultural Studies

## Example of a 3-Year BA in Urban and Inner-City Studies

The following is an example of a possible degree program. Students are strongly encouraged to see a UIC academic advisor when planning their individual programs. A liberal arts education is a well-rounded education that promotes a broad understanding of the world while developing communication and critical thinking skills which are applicable to many different career paths. Given the range of options available, no two students will graduate with the same selection of courses.

### Year 1:

UIC 1001(3) Introduction to Urban and Inner-City Studies  
UIC 2020(3) Colonization and Aboriginal Peoples  
3 credit hours of Academic Writing Requirement  
6 credit hours of Humanities  
15 credit hours of electives

### Year 2:

ECON 1104(3) Introduction to Economic Theory  
UIC 2001(3) Community Economic Development  
UIC 3020(3) Women and the Inner City  
SOC 2126(3) Introduction to Qualitative Research  
6 credit hours of Humanities  
6 credit hours of Science Requirement  
6 credit hours of electives

### Year 3:

UIC 3001(6) Urban and Inner-City Practicum  
UIC 3040(3) Poverty and the Law  
UIC 3050(3) Immigration and the Inner City  
UIC 3100(3) Issues in Urban and Inner-City Studies  
GEOG 2415(3) Introduction to Urban Development  
12 credit hours of electives

## COURSE DESCRIPTIONS

**UIC-1001(3) INTRODUCTION TO URBAN AND INNER-CITY STUDIES (Le3)** The course provides an overview of the dynamics that drive a city's growth and that produce change over time. It considers the social impact of urban change, with particular emphasis on the interconnectedness of the different parts of the city and on the impact of urban change on the inner city. It examines how these changes shape city politics, looking at the political interests and problems associated with the commercial core, older residential neighborhoods near the centre, and burgeoning suburban and exurban areas. It also examines how the three levels of government are involved in shaping and responding to these changes.

**UIC-2001(3) URBAN AND INNER-CITY COMMUNITY DEVELOPMENT/COMMUNITY ECONOMIC DEVELOPMENT (Le3)** This course is an introduction to the idea of community development and community economic

development. The course considers the principles and philosophy of community development/community economic development, and examines the key elements of CD/CED including neighborhood revitalization; housing development and rehabilitation; employment development and training; and social enterprise.

**UIC-2020(3) COLONIZATION AND ABORIGINAL PEOPLES (Le3)** This course examines the Aboriginal colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Aboriginal peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.

**CROSS-LISTED:** POL-2020(3) AND AG-2020(3).

**UIC-2030(3) COMMUNITY LEADERSHIP: MANAGEMENT AND FINANCIAL ADMINISTRATION (Le3)** As small-scale and not-for-profit structures, community-based and aboriginal organizations often face unique challenges and political/cultural realities in terms of overall management and operations. This course provides students with a good understanding of the key facets of management and administrative structures within the community and aboriginal sectors in particular. Key topics include organizational structures and management controls, financial statements and budgeting, performance measurement, strategic planning and operations analysis and evaluation.

**PREREQUISITES:** UIC-1001 or AG-1015

**CROSS-LISTED:** AG-2030(3) and BUS-2030(3)

**UIC-3001(6) URBAN AND INNER-CITY PRACTICUM (Le, A3)** This course provides an experiential learning opportunity for students with an inner-city organization. Students spend three hours per week with the organization, observing what takes place, meeting and working with inner-city people and organizations, and taking on work assignments under the direction of the organization's staff and with the support of the course instructor. Course assignments may include, among others, interpretive journals and/or projects prepared for the organization.

**PREREQUISITES:** UIC-1001(3) and one other Core Course in Urban and Inner-City Studies

**UIC-3011(3) INNER-CITY ECONOMIC DEVELOPMENT (Le3)** Popularly understood as low-income neighbourhoods near the city centre, and academically defined as "the commercial core plus adjacent residential areas," the inner city raises profound political questions. Should downtown businesses help deal with the problems of poverty around them? Do efforts by community development organizations to access resources from the commercial core work to the advantage or disadvantage of the neighborhoods? We explore such questions, drawing on both academic and community resources, and addressing such topics as gentrification; corporate responsibility; real estate, rental and land markets in transitional neighborhoods; community land trusts; community banking, red-lining, block-busting, and strategies of community organization.

**UIC-3020(3) WOMEN AND THE INNER CITY (Le3)** This course explores a number of issues specific to women living in the inner city. We examine the economic, political, and social conditions that influence the lives of diverse populations of women living in the inner city and the various issues and problems associated with their positionings. Within this larger context, special attention is paid to the specific issues and problems related to the experience of urban Aboriginal women, new immigrant women, underemployed women and street-involved women.

**CROSS-LISTED:** WGS-3020/2.

**UIC-3035(3) COMMUNITY LEADERSHIP: HUMAN RESOURCE MANAGEMENT(Le3)** Human resource management concepts covered include job analysis, descriptions and specifications with particular emphasis on strategies for recruitment, retention and career advancement of inner-city populations. The course provides an understanding of human resource management within the context of the specific issues facing the inner city and the root causes of under-employment and low rate of participation in the economy in those communities.

**UIC-3040(3) POVERTY AND THE LAW (Le3)** This course focuses on poverty law as it affects the individual and the community. It offers the student insight into the legal and administrative regimes governing the lives of persons of low "or" modest income. From a theoretical and practical perspective, it explains how certain laws may act as barriers to the full participation of disadvantaged persons in a free and democratic society. Finally, the course examines how the law can be used to advance the interests of persons of low and modest incomes.

**UIC-3050(3) IMMIGRATION AND THE INNER CITY (Le3)**

This course explores both long-standing and recent questions about immigration and the inner city. Topics include the impact on contemporary inner-city communities of immigration; globalization; international and transnational social and economic developments; and civil wars, internal wars, and violent conflicts. Students' inquiry into the relationship between immigration and the inner city involves an exploration of both early and contemporary discourse on the subject.

**UIC-3100(3) ISSUES IN URBAN AND INNER-CITY STUDIES (Le1, S2)**

This one-week intensive course is offered on an occasional basis to focus the discussion of students and community resource people on specific issues that are of current interest to academics and practitioners in the field of Urban and Inner-City Studies. The topic will vary from year to year. Please consult the department about specific topics.

**UIC-4001(3)/(6) DIRECTED READINGS IN URBAN AND INNER-CITY STUDIES (D)**

This course provides the student with the opportunity to identify a topic of interest in Urban and Inner-City Studies and to examine the topic in depth under the supervision of a professor who has expertise in that area. This course may be taken more than once for credit if the topics vary. Students may take a maximum of twelve (12) credit hours in directed readings courses.

**UIC-4445(3) URBAN ABORIGINAL SEMINAR (S3)**

This seminar examines selected topics dealing with urban Aboriginal issues. Topics may include the viability of urban Aboriginal governance, urban reserves, and Aboriginal education and economic development issues in the inner city. The issue of differing conceptions of Aboriginal representation and identity held by various Aboriginal organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Aboriginal and treaty rights in the urban environment may also be explored. We may also analyze the unique problems created by the range of jurisdictional responsibilities towards Aboriginal people in the urban environment.

# WOMEN'S AND GENDER STUDIES (WGS)

**Note:** The department/program code WOM for Women's Studies, and the code WGS for Women's and Gender Studies replace the former code 95. Students cannot hold credit in more than one of WOM-xxxx, WGS-xxxx, and the former 95.xxxx having the same course number (e.g., WOM-1232(6), WGS-1232(6), and 95.1232(6)).

**Chair:** Associate Professor Fiona Green; **Faculty:** Professor: Pauline Greenhill; Assistant Professors: Roewan Crowe, Angela Failler.

*As Women's and Gender Studies is interdisciplinary in nature, our complement of Core and Area Course instructors includes faculty seconded from or teaching within various disciplines throughout the University. The following is a list of faculty who consistently contribute to our Core and Area offerings:*

Professors: Barry Edgington, Parvin Ghorayshi, Mark Golden, Royden Loewen, Joseph Nnadi, Judith Huebner; Associate Professors: Darlene Abreu-Ferreira, Joanne Boucher, Linda Dietrick, Joan Grace, Catherine Hunter, Judith Kearns, Claudine Majzels, Michelle Owen, Debbie Schnitzer, Anna Snyder, Marc Vachon, Donna Young; Assistant Professor: Shannon Sampert; Instructor: Susan White.

## DEGREES/PROGRAMS OFFERED

**3-Year BA**

**4-Year BA**

**Honours BA**

## INTRODUCTION

The University of Winnipeg offers three degree options for an interdisciplinary Major in Women's and Gender Studies: a 3-Year BA, a 4-Year BA, and an Honours BA. The Program fosters an awareness and appreciation of the realities and diverse experiences of women and develops a critical consciousness of the societal inequalities affecting people, including those based on gender, race, class, age, disability, sexual orientation, and ethnicity.

The Women's and Gender Studies Program is interdisciplinary; it draws significant connections among disciplines. It is also multidisciplinary; it brings together studies of women and gender by specialists in different disciplines. Directly linked with the Department of Women's and Gender Studies is The Institute for Women's and Gender Studies and Gender Studies Program and the Global College. See Section XII for further details.

Women's and Gender Studies explores women, genders and sexualities in their natures, forms, histories, images and experiences. Our program brings these perspectives to the university, and represents feminism in the academy. In our classes, students of all genders and sexualities learn about feminist movement to end sexism, sexist exploitation, and oppression. The program promotes the full equality of all women, genders and sexualities, and offers students the means to contribute to social change.

There is a demonstrated need for people with a background in Women's and Gender Studies to take up work in such areas as social services, education, policy development, welfare, health care, counselling and therapy, law, media, advertising, public administration, finance and management. A variety of options exists to prepare students for graduate work, including a double major, combined major and a student-designed major.

## REQUIREMENTS FOR A 3-YEAR BA IN WOMEN'S STUDIES

**ADMISSION REQUIREMENT** Students must consult with a member of the Department in planning their course of study.

**GRADUATION REQUIREMENT** 90 credit hours

### RESIDENCE REQUIREMENT

Degree: Minimum 30 credit hours  
Major: Minimum 18 credit hours

### GENERAL DEGREE REQUIREMENT

Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum 3 credit hours from each of 5 different subjects.

### MAJOR REQUIREMENT

Single Major: Minimum 36 credit hours/Maximum 48 credit hours.  
Double Major: 36 credit hours in Women's and Gender Studies and specified number of credit hours in the other department/program.

Required courses:

Core Courses: Minimum 18 credit hours of Women's and Gender Studies Core:  
**WGS-1232(6)** Introduction to Women's and Gender Studies  
**WGS-3300(6)** Feminisms: History, Perspectives and Practice  
6 credit hours from other Core courses - It is strongly recommended that students take **WGS-3200(6)** Feminist Research Methodologies Seminar.  
Students may take no more than 48 credit hours from Women's and Gender Studies (WGS) Core.

Area Courses: Minimum 18 credit hours from Women's and Gender Studies Area courses from each of three disciplinary groupings, with at least 3 credit hours in Humanities  
3 credit hours in Science (may include **WGS-2300(3)**, **WGS-2301(3)**, **WGS-3003(3)** and **WGS-**

**3004(3)**.  
3 credit hours in Social Science.

Combined Major: Minimum 48 credit hours from two different majors with not less than 18 credit hours from each major subject.  
Prescribed courses: **WGS-1232(6)** Introduction to Women's and Gender Studies  
**WGS-3300(6)** Feminisms: History, Perspectives and Practice  
6 credit hours Any Women's and Gender Studies Course(s)

## REQUIREMENTS FOR A 4-YEAR BA IN WOMEN'S AND GENDER STUDIES

**ADMISSION REQUIREMENT** Minimum 30 credit hours completed previously.  
Students should consult with the Chair or a Women's and Gender Studies advisor in planning their programs.

**GRADUATION REQUIREMENT** 120 credit hours

**RESIDENCE REQUIREMENT**  
Degree: Minimum 60 credit hours  
Major: Minimum 30 credit hours

**GENERAL DEGREE REQUIREMENT**  
Humanities: 12 credit hours in Humanities  
Science: 6 credit hours in Science  
Social Science: 12 credit hours in Social Science  
Writing: Minimum 3 credit hours of Academic Writing.  
Maximum Introductory Courses: Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.  
Distribution: Minimum 3 credit hours from each of 5 different subjects.

**MAJOR REQUIREMENT**  
Single Major: Minimum 48 credit hours from Core (24 credit hours) and Area (24 credit hours).  
Maximum 60 credit hours from Women's and Gender Studies Core.  
Maximum 84 credit hours of Core and Area. Because Women's and Gender Studies is Interdisciplinary, normal disciplinary 4-Year maximum of 66 credit hours is extended to permit students to take the maximum Core (60 credit hours) + the minimum Area (24 credit hours). Area courses in excess of 24 credit hours can be presented for graduation as electives.  
Double Major: Minimum 48 credit hours in each Major subject as specified by the department/program.  
Cognates: Minimum of 18 credit hours/Maximum of 36 credit hours from related departments.  
Major and Cognate Courses: Minimum 66 credit hours. Cognate Requirement is in addition to Major Requirement minimum 48 credit hours. Cognate Requirement can be met through Area courses and as part of the Area Requirement, so long as the sum of Cognate and Major Requirements is the minimum 66 credit hours.  
Maximum Required courses: Maximum total of cognate and major courses is 90 credit hours combined.  
Core: Minimum 24 credit hours of Women's and Gender Studies Core courses from:  
**WGS-1232(6)** Introduction to Women's and Gender Studies  
**WGS-3300(6)** Feminisms: History, Perspectives and Practice and 6 credit hours from Core courses at the 4000 level  
Area: Minimum 18 credit hours of Women's and Gender Studies Area courses to include a minimum of 3 credit hours from each of three disciplinary groupings: 3 credit hours in Humanities, 3 credit hours in Science (may include **WGS-2300(3)**, **WGS-2301(3)**, **WGS-3003(3)** and **WGS-3004(3)** 3 credit hours in Social Science).

**Additional Information:**

Any of the four introductory courses offered by the Biology Department will satisfy both the University Science Requirement and the prerequisite needed for. Some of the Area courses have prerequisites, so students should plan their first-year courses with these possibilities in mind. Qualified students may take most 4000-level Core courses and 4000-level Area courses. Most 4000-level courses require a minimum of 3.0 GPA (B) in major courses.

Combined Major: Minimum 60 credit hours from two different majors with not less than 24 credit hours from each major subject.  
Prescribed courses: **WGS-1232(6)** Introduction to Women's and Gender Studies  
**WGS-3300(6)** Feminisms: History, Perspectives and Practice  
6 credit hours Any Women's Studies Area Course(s)

**Suggested Sequence of courses for 4-Year BA (with requirements underlined)**

Year 1 **WGS-1232(6)** Introduction to Women's and Gender Studies  
21 credit hours of first-year courses relevant to possible course work in Women's and Gender Studies Areas, and including a Science course to meet the University Science Requirement. **Note:** Any of the four introductory courses offered by the Biology Department will satisfy both the University Science Requirement and the prerequisite needed for **BIOL-3562(3)** Human Reproductive Biology and **BIOL-3563(3)** Human Embryology.

3 credit hours Writing Requirement  
Year 2 **WGS-2300(3)** Gender and the Sciences: Contemporary Issues

**WGS-2301(3)** Gender, Feminisms and the Sciences  
**WGS-3300(6)** Feminisms: History, Perspectives and Practice  
 Area courses, prerequisites, Core courses, electives.

Years 3 & 4 It is strongly recommended that students take **WGS-3200(6)** Feminist Research Methodologies Seminar. Students planning for the required 6 credit hour Core at 4000 level may have the following options if prerequisites are met: **WGS-4000(6)** Women's and Gender Studies Practicum; **WGS-4004(3)** Feminist Cultural Studies; **WGS-4200(3)** Advanced Feminist Theory; **WGS-4900(6)** Directed Readings; **WGS-4901(3)** Directed Readings. Area courses and/or prerequisites, electives.

Year 4 Students planning for the required 6 credit hour Core at 4000 level have the additional following options in Year Four if prerequisites are met: **WGS-4232(3)** Senior Seminar in Women's and Gender Studies (Recommended), **WGS-4500(6)** Honours Thesis and Colloquium, Area courses, Core courses and electives.

## REQUIREMENTS FOR AN HONOURS BA IN WOMEN'S AND GENDER STUDIES

<b>ADMISSION REQUIREMENT</b>	Minimum 30 credit hours completed previously. Minimum GPA in Honours subject of 3.0 and minimum GPA in Non-Honours subjects of 2.5. Students should consult with the Chair or a Women's and Gender Studies advisor in planning their programs.
<b>GRADUATION GPA REQUIREMENT</b>	<b>120 credit hours</b> Continuing and graduation minimum GPA is 3.0 (B) in Honours subject courses and 2.5 (C+) in Non-Honours subject courses. The minimum 3.0 GPA (B) will be based on all attempts (including course repeats and failures) in Honours subject courses. The minimum 2.5 GPA (C+) in all Non-Honours courses will be calculated as for the BA General degree (i.e., F's are not included, and in the case of repeated courses, only the highest grade will be used).
<b>RESIDENCE REQUIREMENT</b>	
Degree:	<b>Minimum 60 credit hours</b>
Honours:	<b>Minimum 30 credit hours, including minimum 18 credit hours at upper level (3000/4000) of which a minimum of 9 credit hours at 4000 level.</b>
<b>GENERAL DEGREE REQUIREMENT</b>	
Humanities:	<b>12 credit hours in Humanities</b>
Science:	<b>6 credit hours</b> in Science
Writing:	<b>Minimum 3 credit hours of Academic Writing</b>
Maximum Introductory Courses:	Students may use a maximum of 42 credit hours at the 1000 level. Of these, a maximum of 6 credit hours may be below the 1000 level.
Distribution:	Minimum 3 credit hours from each of 5 different subjects.
<b>HONOURS REQUIREMENT</b>	
Single Honours:	<b>Minimum 54 credit hours/Maximum 78 credit hours</b> in Core and Area Women's and Gender Studies. <b>Minimum 36 credit hours</b> Core with a minimum 15 credit hours at 4000 level. <b>Minimum 18 credit hours</b> Area with minimum 6 credit hours at 4000 level.
Double Honours	Minimum 36 credit hours in each Honours subject. Minimum 36 credit hours/Maximum 78 credit hours in Core and Area Women's and Gender Studies. Minimum 9 of the 36 credit hours in 4000-level Core courses. Minimum 6 of the 36 credit hours in 4000-level Area courses As far as possible a Double Honours degree meets the requirements for Women's and Gender Studies of the Single Honours, including Area requirements. The Double Honours degree is most feasible when the other Honours subject fills part of the Area Requirement for Women's and Gender Studies. The reduction in total courses can be made in consultation with the Chair of Women's and Gender Studies.
For the requirements of the other Honours subject, consult the department or program involved.	
<b>Required courses:</b>	
Core:	Minimum 36 credit hours of Women's and Gender Studies Core courses with at least 15 credit hours at 4000 level: <b>WGS-1232(6)</b> Introduction to Women's and Gender Studies <b>WGS-3300(6)</b> Feminisms: History, Perspectives and Practice <b>WGS-3200(6)</b> Feminist Research Methodologies Seminar 15 credit hours from Core courses at the 4000 level. It is <b>strongly recommended</b> that WGS Honours students take either the Senior Seminar (WGS-4232(3)), Advanced Feminist Theory (WGS-4200(3)), or the WS Practicum (WGS-4000(6)). 3 credit hours from Core courses at 2000-4000 level.
Area:	Minimum 18 credit hours of Women's and Gender Studies Area courses to include a minimum of 3 credit hours from each of three disciplinary groupings, one of which must be at 4000 level. 3 credit hours in Humanities 3 credit hours in Science (may include <b>WGS-2300(3)</b> , <b>WGS-2301(3)</b> , <b>WGS-3003(3)</b> and <b>WGS-3004(3)</b> ) 3 credit hours in Social Science



**Additional Information:**

Any of the four introductory courses offered by the Biology Department will satisfy both the University Science requirement and the prerequisite needed for **BIOL-3562(3)** Human Reproductive Biology and **BIOL-3563(3)** Human Embryology. Some of the Area courses have prerequisites, so students should plan their first-year courses with these possibilities in mind.

**Suggested Sequence of courses for BA Honours (with requirements underlined)**

Year 1	<b>WGS-1232(6) Introduction to Women's and Gender Studies</b> ; 21 credit hours of first-year courses relevant to possible course work in Women's and Gender Studies Areas, and including a Science course to meet the University Science Requirement. <b>Note:</b> Any of the four introductory courses offered by the Biology Department will satisfy both the Science Requirement and the prerequisite needed for <b>BIOL-3562(3)</b> Human Reproductive Biology and <b>BIOL-3563(3)</b> Human Embryology; 3 credit hours Writing Requirement.
Year 2	<b>WGS-3300(6) Feminisms: History, Perspectives and Practice</b> ; Area courses, prerequisites, Core courses, electives
Years 2 or 3	<b>WGS-3200(6) Feminist Research Methodologies Seminar</b> <b>WGS-2300(3) Gender &amp; the Sciences: Contemporary Issues</b> <b>WGS-2301(3) Gender, Feminisms and the Sciences</b>
Years 3 or 4	<u>15 credit hours at 4000 level Core courses</u> to be taken in Years 3 or 4; <u>3 credit hours in Core courses to be taken in Years 3 or 4</u> ; Area courses, Core courses, prerequisites, electives.
Year 4	It is recommended to take either the Senior Seminar (WGS-4232(3)), Advanced Feminist Theory (WGS-4200(3)), or the WGS Practicum (WGS-4000(6)). WGS-4500(6) Honours Thesis and Colloquium Area courses, Core courses and electives.

**GENERAL INFORMATION**

Students are advised to consult the Women's and Gender Studies Coordinator and current timetable listings for information regarding courses with Women's Studies content.

Collegiate students who successfully complete 41G (Women's Studies) and who go on to post-secondary studies at The U of W will be allowed to claim this course as a university credit for **WGS-1232(6) Introduction to Women's and Gender Studies (42U)**.

Any Women's and Gender Studies Area course in the Humanities grouping below may be taken to fulfil the general degree Humanities Requirement.

**Students who take Women's and Gender Studies courses that are cross-listed with humanities and social science courses (ie 2922 Topics Women Writers, 3951 Topics in Feminist Theory, 3153 Studies in the Rhetorics of Gender and 3300 Sociology of the Body) will be credited with the appropriate social science or humanities designation.**

**No Women's and Gender Studies (WGS) course may be taken to fulfil the general degree Science Requirement.**

**Coordinated Program in Women's and Gender Studies with the University of Manitoba**

Students may take courses in the Women's Studies program at the University of Manitoba through the Coordinated program in Women's Studies. Courses in Women's Studies taken at the University of Manitoba will be credited towards a degree at the University of Winnipeg. The Coordinated program offers students access to more faculty resources, greater course selection and additional library facilities and thus can enrich their Women's and Gender Studies program. For further details, please see the Chair of Women's and Gender Studies.

**COURSE LISTINGS**

Courses in Women's and Gender Studies are organized into 2 groups: Core and Area. A Women's and Gender Studies degree requires courses from both groups. Women's and Gender Studies Core Courses are interdisciplinary and usually designated by 'WGS'; Women's Studies Area Courses are disciplinary or interdisciplinary (Urban Studies, Mennonite Studies) and designated by the letter abbreviation of the department or program where they are offered. (The Gender and the Sciences courses are the exception; these 3 credit hour courses are designated 'WGS' but contribute to the Women's Studies Area of the Sciences.)

<b>WOMEN'S AND GENDER STUDIES CORE COURSES</b>			
WGS-1232(6)	Introduction to Women's and Gender Studies	WGS-3900(6)*	Directed Readings-General Women's and Gender Studies
WGS-2001(3)	Gender & Folklore: A Survey	WGS-3901(3)*	Directed Readings-General Women's and Gender Studies
WGS-2251(6)*	Women in Canada	WGS-4000(6)*	Women's and Gender Studies Practicum
WGS-2260(6)	Girls, Women and Popular Culture	WGS-4004(3)*	Feminist Cultural Studies
WGS/GEOG/	Sex, Gender, Space and Place	WGS-4200(3)*	Advanced Feminist Theory
ENV-2416*		WGS-4232(3)*	Senior Seminar in Women's and Gender Studies (Honours Seminar in fourth year)
WGS-3003(3)*	Sex, Sexuality and Science	WGS-4500(6)*	Honours Thesis and Colloquium
WGS-3004(3)*	Women, Health and the Environment	WGS-4900(6)*	Directed Readings
WGS/RHET-	Studies in the Rhetorics of Gender	WGS-4901(3)*	Directed Readings
3153(3)*			
WGS-3020(3)	Women and the Inner City		
WGS-3200(6)*	Feminist Research Methodologies Seminar		
WGS/SOC-	Sociology of the Body		
3212(6)*			
WGS/CRS-	Women and Peacemaking	CLAS-2070(6)	Women and the Family in Greece and Rome
3242(3)*		ENGL-2901(3)*	Women and Literature: An Historical Overview
WGS-3300(6)*	Feminisms: History, Perspectives and Practice	ENGL-2902(3)	Women Writers Before 1900
WGS-3401(3)*	Gender Issues in Education	ENGL-2912(3)	Women Writers After 1900
		ENGL-2922(3)	Topics in Women Writers

**WOMEN'S STUDIES AREA COURSES  
HUMANITIES**

ENGL-3951(3) Topics in Feminist Theory  
 ENGL-3901(6)\* Twentieth-Century Gay and Lesbian Literature  
 ENGL-4901(6) Topics in Gender, Literature and Culture  
 ENGL-4341(3)\* Individual Author I (in some years)  
 ENGL-4342(3)\* Individual Author II (in some years)  
 FREN-3281(3)/4281(3)\* Women in French Literature: A Historical Overview  
 FREN-3282(3)/4282(3)\* Women in Twentieth Century French Literature  
 FREN-3884(3)/4884(3) Francophone Black Feminist Literature  
 GERM-2307(3)/3307(3)\* Women and German Literature in Context I  
 GERM-2308(3)/3308(3)\* Women and German Literature in Context II  
 GERM/MENN-3108(3) Gender and Mennonites  
 HIST-3121(3) Women in the Modern World  
 HIST-3220(3) Women in Medieval Europe, 800-1350  
 HIST-3221(3) Women in the Renaissance, 1350-1550  
 HIST-3222(3) Women in Early Modern Europe, 1550-1750  
 HIST-3545(6) Historical Perspectives on Women in Canada  
 HIST-3708(3) Women's History in South Asia  
 HIST-3811(6) Women, Art and Society  
 HIST-4217(6) Race and Gender in Early Modern Europe  
 REL-2507(3) Sexuality in the Religious Context  
 REL-2702(3) Women in Islam  
 REL-2709(3) Women in Asian Religions  
 REL-3157(3)\* Women in Ancient Israel  
 THFM-3409(3)\* Gender and Sexuality in Theatre and Drama

#### SCIENCE

BIOL-3562(3) Human Reproductive Biology and  
 BIOL-3563(3) Human Embryology

WGS-2300(3)\* Gender and the Science: Contemporary Issues

(**Note:** this course does not satisfy the University Science Requirement)

WGS-2301(3)\* Gender, Feminisms and the Sciences  
 (**Note:** this course does not satisfy the University Science Requirement)

#### SOCIAL SCIENCE

ANTH-4209(3)\* Archaeology of Gender  
 POL-2405(6) Women, Gender and Politics  
 POL-3115(3) Gender and Global Politics  
 POL-3235(6) Politics of Love and Sex  
 POL-3320(3) Women and the Law  
 POL-4200(3)\* Feminist Political Thought  
 POL-4410(6)\* Seminar in Women in Politics  
 SOC-2103(6)\* Sociology of the Family  
 SOC-2118(6)\* Sex and Gender Relationships  
 SOC-3118(6)\* Women in Society  
 SOC-3208(3)\* Women: Crime and social Justice  
 SOC-3211(6)\* Gender Relations in Developing Societies  
 SOC-3212(6)\* Sociology of the Body  
 SOC-4412(6)\* Seminar in Sociology of the Family  
 SOC-4414(6)\* Seminar in Women in Society

#### INTERDISCIPLINARY

MENN-3108(3) Gender and Mennonites  
 CRS-3262(3) Critical Issues: Women and Peacemaking  
 ENV-3020(3) Women and Urban Environments  
 \* **Note:** Students must meet Program or Departmental prerequisites unless these are waived by the Chair of the Department concerned.

## COURSE DESCRIPTIONS

Students are advised to consult other Departmental listings for their descriptions. Students are advised to consult the appropriate Timetable available from the Records Office for courses to be offered during the current term.

**WGS-1232(6) INTRODUCTION TO WOMEN'S AND GENDER STUDIES (Le1.5,S1.5)** This course is an introduction to the theories, methods, and issues of Women's and Gender Studies, with particular emphasis on the experience of North American women. The class will explore the nature, status, image, experience, and achievements of women in such contexts as the following: social, historical, philosophical, psychological, economic, political, and artistic.

**RESTRICTIONS:** Students with standing in WGS-1232(6) may not receive credit for the former WGS-2332(6).

**WGS-2001(3) GENDER AND FOLKLORE: A SURVEY (1.5L(1.5S))** This interdisciplinary course introduces students to the concepts of folklore and gender and their interrelationships. It looks at representations of gender and gendered uses of folklore. It considers relationships between traditional, popular, and mass cultures, with a focus on how gender is expressed and communicated in and by them. It examines folklore as a mode of communication.

**WGS-2251(6) WOMEN IN CANADA (Le3)** This interdisciplinary and multidisciplinary course focuses upon the contributions of women to Canada's development and on women's places in Canadian culture and society, particularly as expressed by Canadian women. We will consider such topics as

the following: the effects on women of regional, ethnic, racial, and other socio-cultural dynamics; areas of interaction between Canadian and international feminism; legal and political development of women's rights; and activities and strategies of the women's movement.

**PREREQUISITES:** WGS-1232(6) or the former CAN-1001(6) or permission of instructor.

**WGS-2260(6) GIRLS, WOMEN AND POPULAR CULTURE (Le3)** This course examines some of the myths, theories and images of girls and women that shape how they are represented and how they represent themselves in popular culture. In addition to studying popular culture via feminist theory and cultural studies, the ways in which political and material conditions influence the representation of girls and women are examined. While this course primarily examines North American popular culture, gender, race, class, age, sexuality, ethnicity, nationality, ability, and other categories of identity are also considered. Areas of study include myths of romantic love, images of the body and women in action.

**WGS-2300(3) GENDER AND THE SCIENCES: CONTEMPORARY ISSUES (Le3)** This course examines contemporary issues in science from a gender perspective. Topics will vary from year to year and may include one of the

following: reproductive health, feminist perspectives on environmental preservation, gendered brains, sociobiology and biological determinism, and sexuality. Because topics will vary, students may take this course up to two times with permission of the Women's Studies Coordinator.

**PREREQUISITE:** WGS-1232(6) or permission of instructor.

Students may hold credit for WGS-2300(3) twice with permission of the Women's and Gender Studies Chair.

### **WGS-2416(3) SEX, GENDER, SPACE AND PLACE (Le3)**

This course examines, from interdisciplinary perspectives including those of Women's Studies, Geography and Environmental Studies, relationships among sex, gender, space and place in societies, cultures, environments and ecosystems. Selected relevant topics will be considered, such as ecofeminism, the cultural politics and political geography of sex and sexual identities, the gendering and sexing of city landscape and architecture, notions of public and private space, and the space/place in the sociocultural construction of femininity and masculinity. We will consider how sex, gender, race, ethnicity, class, sexuality and other aspects of identity affect the transformation of space into place.

**PREREQUISITES:** GEOG-1102(3) and GEOG-1103(3) or ENV-1600(3) or WGS-1232(6) or permission of instructor.

**CROSS-LISTED:** Geography GEOG-2416(3) and Environmental Studies ENV-2416(3).

**WGS-3003(3) SEX, SEXUALITY AND SCIENCE (S2, Le1)** This course raises feminist questions about how science and scientists address concepts of sex and sexuality. We investigate how concepts of human sex have been constructed, and more specifically, how women's biology has been invented and understood by scientists and the medical profession, focussing particularly on 20th century thinking. We examine the various outcomes and repercussions of these narratives of biological sex for women and men. We address both the ways these perceptions of sex and sexuality can influence the lives of women and men, and various strategies currently used to challenge these attitudes and practices.

**PREREQUISITES:** WGS-1232(6) OR WGS-2301(3) OR permission of the instructor.

**RESTRICTIONS:** Cannot be taken for credit with WGS-2300(3) unless permission has been obtained from the Chair of Women's and Gender Studies.

### **WGS-3004(3) WOMEN, HEALTH AND THE ENVIRONMENT**

**(S2, Le1)** This course introduces students to a number of pertinent issues and questions feminists are dealing with when considering women, health and the environment. We investigate how women, health and the environment intersect and explore some of the repercussions of particular environmental situations (including, but not limited to, environmental pollution, nuclear radiation, and synthetic hormones) on women's physical, emotional, spiritual and psychological health. We also study the ways in which feminists are researching and calling attention to the injustice of environmental degradation on women's health and various feminist strategies developed in challenging dangerous environmental practices.

**PREREQUISITES:** WGS-1232(6), WGS-2300(3), WGS-2301(3) or permission of the instructor.

**WGS-3020(3) WOMEN AND THE INNER CITY (Le3)** This course explores a number of issues specific to women living in the inner city. We examine the economic, political, and social conditions that influence the lives of diverse populations of women living in the inner city and the various issues and problems associated with their positionings. Within this larger context, special attention is paid to the specific issues and

problems related to the experience of urban Aboriginal women, new immigrant women, underemployed women and street-involved women.

**CROSS-LISTED:** UIC-3020(3).

### **WGS-3153(3) STUDIES IN THE RHETORICS OF GENDER**

**(Le3)** This course focuses on issues growing from the complex interaction of gender and language use, with a particular focus on written texts. Beginning with an overview of research on the relationship between gender and communicative behaviour, including feminist critiques of language, it considers such topics as the following: the rhetorics of the women's movement and of contemporary men's movements; verbal (and, to a lesser extent, visual) constructions of masculinity and femininity in advertising and the media; innovative uses of language which resist and subvert prevailing conceptions of appropriate communicative behaviour; and the rhetoric of public debates over issues such as abortion and reproductive technologies, in which gender is a central factor.

**PREREQUISITES:** RHET-1105(3) or RHET-1110(6) or exemption from the writing requirement and completion of 30 credit hours. Students taking a Major in Rhetoric and Communications must complete RHET-1105(3) or RHET-1110(6) before taking this course.

**CROSS-LISTED:** Rhetoric, Writing, and Communications RHET-3153(3).

### **WGS-3200(6) FEMINIST RESEARCH METHODOLOGIES**

**SEMINAR (S1.5, Le1.5)** Students study feminist research methodologies, then undertake a feminist research project. Steps in the process include finding a topic, obtaining bibliographic background, learning about and choosing suitable research methods, preparing a research proposal, obtaining ethics approval if required, conducting research, and presenting results. While the feminist focus remains constant, specific study materials and instructors may vary from year to year depending on the disciplinary focus in social science or humanities.

**PREREQUISITE:** WGS-1232(6).

**RESTRICTIONS:** Students with standing in WGS-3200(6) may not receive credit for the former WGS-2232(6).

**WGS-3212(6) SOCIOLOGY OF THE BODY (Le3)** The focus of this course is the body, not in its biological sense but in its social sense: the body as a social construction. Every society within a given historical period develops specific meanings for the forms, functions, and movements of the body. This course will examine the human body from a number of different perspectives and study the body as a site of social interaction. This course will survey the history of thinking about the body, the body as a reflection of society and theories of corporeal representation.

**PREREQUISITE:** SOC-1101(6) or permission of instructor.

**CROSS-LISTED:** Sociology SOC-3212(6).

**WGS-3242(3) WOMEN AND PEACEMAKING (Le3)** This course addresses, from an interdisciplinary perspective, both theoretical and practical contributions that women have made to peacemaking in the modern world. It includes analysis of women's involvement in peace action, research, and education. Attention is given to the challenges that activists face in organizing around their identity as women, such as the challenge of building common ground among women with varied experiences and concerns.

**PREREQUISITE:** CRS-1200(6) or WGS-1232(6) or permission of CRS Coordinator or Women's and Gender Studies Chair.

**CROSS-LISTED:** Conflict Resolution Studies CRS-3242(3).

**WGS-3300(6) FEMINISMS: HISTORY, PERSPECTIVES AND PRACTICE (S1.5, Le1.5)** This course provides an overview of

historical and contemporary feminist concepts and their implications for feminist practice through a combination of lectures, presentations, and seminar discussions. While specific topics vary, the course addresses past feminist thought, established and emerging feminist concepts, the effects of feminist concepts on traditional disciplines, and current issues of concern to feminists.

**PREREQUISITE:** WGS-1232(6).

**RESTRICTIONS:** Students with standing in WGS-3300(6) may not receive credit for the former WGS-2200(6) or WGS-3232(6).

**WGS-3900(6) DIRECTED READINGS (D)** This course provides a student at the third year level with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's Studies.

**PREREQUISITES:** WGS-3200(6) or the former WGS-2232(6) and permission of the Chair of Women's and Gender Studies and of the instructor.

**RESTRICTIONS:** Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

**WGS-3901(3) DIRECTED READINGS (D)** This course provides a student at the third year level with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's and Gender Studies.

**PREREQUISITES:** WGS-3200(6) or the former WGS-2232(6) and permission of the Chair of Women's and Gender Studies and of instructor.

**RESTRICTIONS:** Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

#### **WGS-4000(6) WOMEN'S AND GENDER STUDIES**

**PRACTICUM (S1.5,P1.5)** Students will develop and carry out a feminist or women-centred work project with a Manitoba organization. The first term will be spent linking issues of feminist theory and practice, and assisting each student in defining a work project with an organization involved in feminist or women-centred work. In the second term, students will complete that work project, meet periodically with the class to report on progress, and present their final report. The nature of the project will be decided by the student, instructor, and practicum supervisor. Students will make their own arrangements and choose the organization with which they work.

**PREREQUISITES:** WGS-3200(6) or the former WGS-2232(6).

**WGS-4004(3) FEMINIST CULTURAL STUDIES (S3)** The interdisciplinary of cultural studies received much of its impetus from feminist theorising, and has, in its turn, influenced the directions of feminist research and socioeconomic analysis. This course explores these mutual interactions in the contexts of selected contemporary issues such as cultural and identity politics, multiculturalism, and pluralism.

**PREREQUISITE:** WGS-3300(6) or the former WGS-2200(6) or the former WGS-3232(6).

**RESTRICTIONS:** May not be taken with the former ANTH-4106(3) or POL-4415(6).

**WGS-4200(3) ADVANCED FEMINIST THEORY (S3)** This course provides a forum for the exploration of complex and

crucially significant texts and topics in feminist theory, and seeks to strengthen the ways students understand theory as interactive with learning, research, policy and practice.

**PREREQUISITES:** WGS-3300(6) or the former WGS-2200(6) or the former WGS-3232(6) or permission of the Chair or designate.

#### **WGS-4232(3) SENIOR SEMINAR IN WOMEN'S AND GENDER STUDIES (S3)**

This is a capstone seminar for Women's Studies students. Each year, it is designed to accommodate the discussions and presentations arising from students' current research projects and papers. The seminar gives students the opportunity to work collectively, to listen, to read, to constructively critique and support each other's work, situating class discussions in the context of selected feminist issues and subjects in Women's and Gender Studies. Readings will be made available to provide a further ground for our analyses and strategies. Students will make seminar presentation and complete formal written work.

**PREREQUISITES:** WGS-3300(6) or the former WGS-2200(6) or the former WGS-3232(6) or permission of the Chair or designate.

#### **WGS-4500(6) HONOURS THESIS AND COLLOQUIUM (D)**

The Honours Thesis and Colloquium are taught on an individual basis through an arrangement between the professor and student. In the course the student completes an Honours Thesis and presents it to Women's and Gender Studies faculty and students. The Honours Thesis could develop from a student's work in Women's Studies Core courses (Practicum, Theory and/or Research), or from work begun in a Women's and Gender Studies Area course. When scheduling permits, the Honours Thesis will be presented in the Senior Seminar in Women's and Gender Studies WGS-4232(3).

**WGS-4900(6) DIRECTED READINGS (D)** This course provides a student with the opportunity, in close consultation with a professor, to pursue in depth a selected area of Women's and Gender Studies.

**PREREQUISITES:** WGS-3300(6) (or the former WGS-2200, or the former WGS-3232(6), or the former WGS-2250(6)) and permission of the Chair of Women's and Gender Studies and of the instructor.

**RESTRICTIONS:** Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

**WGS-4901(3) DIRECTED READINGS (D)** This course provides a student with the opportunity, in close consultation with a professor, to pursue a selected area of Women's and Gender Studies.

**PREREQUISITES:** WGS-3300(6) (or the former WGS-2200(6), or the former WGS-3232(6), or the former WGS-2250(6)) and permission of the Chair of Women's and Gender Studies and of the instructor.

**RESTRICTIONS:** Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

# X

## GRADUATE STUDIES

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- Master of Arts in English with a Focus in Cultural Studies
- Master of Arts in History (HIST/HIST)
- Master of Marriage and Family Therapy
- Master of Arts in Religion (REL/RLGN)
- Master of Public Administration (POL/POLS)

### 1. Degrees/Programs Offered

#### University of Winnipeg Master's Programs:

Master of Arts in Aboriginal Governance	MA
Master of Science in Applied Computer Science and Society	MSc
Master of Science in Bioscience, Technology and Public Policy	MSc
Master of Arts in English with a focus In Cultural Studies	MA
Master of Marriage and Family Therapy	MMFT
Master of Arts in Theology	MA
Master of Divinity	MDiv
Master of Sacred Theology	STM

#### Joint Master's Programs:

Master of Arts in History	MA
Master of Arts in Religion	MA
Master of Public Administration	MPA

For further information on graduate degrees in Theology, please see the "Faculty of Theology" section of this Calendar.

### 2. History of the Master's Programs

- Beginning in July, 2007, 4 new graduate programs were approved for the University of Winnipeg: Master of Arts in Aboriginal Governance, Master of Science in Applied Computer Science and Society, Master of Science in Bioscience, Technology and Public Policy, and Master of Arts in English with a focus in Cultural Studies. The first three of these programs accepted their first students in September 2008 and the last one did the same in September 2009.
- The Faculty of Theology and the Master's of Marriage and Family Therapy (MMFT) offer free-standing degrees at UW. The Faculty of Theology has three master's

degrees: Master of Arts in Theology, Master of Divinity, and Master of Sacred Theology. The Master of Marriage and Family Therapy (MMFT) is an applied degree earned by students who get some of their experience through the Aurora Family Centre, a counselling service on campus.

- Joint Master's Programs: Beginning July 1, 1976, The University of Winnipeg and the University of Manitoba established three joint master's programs in the disciplines of History, English and Religion. On September 1, 1977, the Master of Public Affairs was added and changed in 1989 to Master of Public Administration. This program uses the resources of the Politics Department and Institute of Urban Studies at The University of Winnipeg and the Departments of Political Studies and City Planning at the University of Manitoba. The resources of both universities were thus made available for graduate work in these disciplines. Subsequently, the Joint Master's Program in English was suspended. Students enrolling in a Joint Master's Program enjoy at both universities all the rights and privileges normally accorded to graduate students; two months before their expected date of graduation they shall declare in writing the university from which they wish to convocate. As part of the agreement establishing these Joint Master's Programs, it was arranged that administrative aspects, e.g. admission, registration, etc. would be entirely in the hands of the Faculty of Graduate Studies at the University of Manitoba.

### 3. Entrance Requirements

Students contemplating entry to a Master's program are encouraged to seek the advice of the relevant department at The University of Winnipeg prior to applying for entry. Students must have a first degree with an overall grade

point average of 3.0 or higher. Applicants who have been accepted for admission will be placed in one of the following groups.

**Note:** The individual departments offering Master's Programs may have admission requirements which are more stringent than the minimal requirements for admission to Graduate Study.

#### a. Pre-Master's Students

Students entering graduate study with the 3-Year BA or BSc may be eligible for admission to a qualifying program of study termed "Pre-Master's Study." Additionally, a student applying for graduate studies may be assigned to Pre-Master's Study if there are specific gaps in their undergrad record which need to be addressed. The Pre-Master's Program is assigned by the head of the major Department. It is designed to bring the standing of the student in the major subject approximately to the level of that of Honours graduates and to provide any necessary prerequisites for the ancillary subjects. In order to be admitted into a Pre-Master's Program the applicant must possess a Bachelor's degree and must have attained in the last two years of the undergraduate program a composite grade point average of 3.0.

To qualify for admission as a Master's student, a Pre-Master's student must attain a composite grade point average of 3.0 with no grade below a C+ (2.5 grade point). Completion of a Pre-Master's Program does not guarantee admission into a Master's Program. All students must submit a Graduate Studies application for admission to any of the Graduate Programs.

#### b. Master's Students

To qualify for admission to a program of study, students must hold the Bachelor of Arts (Honours) degree or equivalent.

#### c. Occasional Students

An Occasional Student is one who wishes to take graduate courses with no intention of proceeding toward an advanced degree at The University of Winnipeg. Occasional Students meet the same degree and grade point average entrance requirements as regular graduate students. Students must write final examinations in the courses taken (except when students wish to audit courses), but receive no credit toward a degree. Regular graduate student fees apply but are assessed on an individual course basis. Under special circumstances, an occasional student may apply for permission to proceed to a degree program and apply to receive credit for courses taken in the category of occasional students. Such a transfer is not automatic, and individual cases will be judged on their merit.

Fees paid by a student while registered as an Occasional Student are not applied to a degree program at a later date.

#### PLAR Option

In special cases where a student has had previous experience or academic qualifications, consideration will be given to his/her admission directly into the Master's Program via a PLAR (Prior Learning Assessment and Recognition) mechanism. Please note that this option is in the developmental stages and will not be offered for the 2009-2010 academic year.

### 4. Application for Admission

#### University of Winnipeg Master's Programs:

An official application form for program admission to Graduate Studies at The University of Winnipeg must be completed and forwarded, with a processing fee payment and appropriate supporting documents, to the Graduate Studies Admissions Office. Applications which meet the general admission requirements are submitted to the Departmental Graduate Program Chair of the appropriate department of

entry. Applicants will be notified of their acceptability for graduate work by the Dean of Graduate Studies Office.

Application forms for the Master's Programs in Marriage and Family Therapy and in Theology must be completed and submitted directly to the respective programs.

#### Joint Master's Programs:

All prospective Joint Master's Program (JMP) students must complete the official application for admission to the Faculty of Graduate Studies, the University of Manitoba. In the case of Religion, prospective students should first contact the Graduate Chair in Religious Studies at The University of Winnipeg.

#### a. Out-of-Province and Overseas JMP Students

The application form should be completed and submitted to the Faculty of Graduate Studies, the University of Manitoba, together with an official transcript of the student's complete academic record. Applications which meet the general admission requirements of the Faculty are forwarded to the Chair of the Joint Discipline committee concerned. However, in the case of the program in Religion, the first contact should be with the Graduate Chair in Religious Studies at The University of Winnipeg.

#### b. Province of Manitoba JMP Students

Students from the Province of Manitoba must complete the application for admission and submit it together with a transcript of their previous academic record to the Chair of the Joint Discipline Committee in the discipline in which they wish to study. *University of Winnipeg graduates may obtain transcripts free of charge from the Records Office.*

Arrangements for obtaining transcripts should be made as early as possible, but in any case, at least two weeks in advance of the time of application.

It is the responsibility of the Chair of the Joint Discipline Committee to recommend to the Faculty of Graduate Studies the applicants for whom sufficient space and facilities will be available in a given session. Applicants are notified of their acceptability for graduate work by the Graduate Admissions Officer.

**Note:** Admission will also depend upon the availability of a faculty member to supervise the student, and resources to support the student's research.

#### Note: Graduate Record Examinations

In certain instances applicants may be required to submit scores on the Graduate Record Examinations of the Educational Testing Service. Applicants who have already written these tests are urged to submit their scores along with the regular application material.

### 5. Registration

#### University of Winnipeg Master's Programs:

For information on registration procedures, please visit <http://www.uwinnipeg.ca/index/grad-studies-programs> or contact Graduate Studies - Student Services at (204) 786-9466.

#### Joint Master's Programs:

All graduate students register at the University of Manitoba in the autumn during the week specified in that university's Academic Schedule. In general, candidates should come to The University of Winnipeg about one week before registration in order to discuss their program with the Graduate Chair of the major department or his or her delegate. This arrangement also facilitates any preparation required for demonstrating, teaching or other associated duties.

The registration form will show the course program for the current year, and will also indicate courses already

obtained as credit toward a given degree and any courses that must be taken in subsequent sessions for the particular degree program. All programs must be approved by the Chair of the Joint Discipline Committee or his delegate and must be presented at the time of registration.

Any student whose program of study extends over more than one year must re-register in the autumn of each succeeding year of the program until the degree is obtained. Students who fail to re-register will not retain the status of graduate student and must apply for readmission if they wish to continue studies at a later date. (This re-registration does not apply to Pre-Master's or Occasional Students.)

With the permission of the Joint Discipline Committee concerned, a student whose application has been approved may begin research work in the spring or summer preceding initial registration. There is also a limited registration during the first week in January. **No student should attempt to register for any course without previously consulting the Chair of the Joint Discipline Committee concerned.**

#### Additional Courses

Graduate students in a program of study may take additional courses which are not part of the degree requirements, and will not be included in the grade point average and shall be classified as Occasional (OS). Fees will be assessed on an individual course basis.

#### Auxiliary Courses

Extra courses which are not actually part of the student's program, but which are specified and required by the student's Joint Discipline Committee may be classified as AX (Auxiliary) so as not to be included in the degree program grade point average.

#### Continuing Courses

For those graduate-level courses which continue beyond the normal academic term, the instructor may recommend that a mark classification of CO be used until such time as a final grade can be established. If the course is not completed by the next September and the student intends to complete the course, he/she must re-register for the course.

## 6. Student Classification

### University of Winnipeg Master's Programs

#### Full Time

Students shall be considered a full-time student if they 1) are pursuing their studies as a full-time occupation; 2) identify themselves as a full-time student; 3) not be employed by The University of Winnipeg for more than an average of 10 hours per week for any term in which they are enrolled as a full-time student; 4) plan to complete the program within the designated number of terms permitted for full-time students and do not exceed these limits. For a one-year Master's program, students are permitted 3 terms to complete all degree requirements, plus 1 additional term if they are doing a thesis. For a two-year Master's program, students are permitted 6 terms to complete all degree requirements, plus 1 additional term if they are doing a thesis (see Table 1).

**Note:** Individual programs may have their own policies which prescribe a shorter period of time (smaller number of terms) within which full-time students must complete their program of study.

#### Part Time

Students shall be considered a part-time student if they 1) do not meet the requirements for full-time status; and 2) plan to complete the program within the designated number of terms permitted for part-time students and do not exceed these limits. For a one-year Master's program, students are permitted 6 terms to complete all degree requirements, plus 1 additional term if they are doing a thesis. For a two-year Master's program, students are permitted 12 terms to

complete all degree requirements, plus 1 additional term if they are doing a thesis (see Table 2). Please note that individual programs may have their own policies which describe a shorter period of time (smaller number of terms) within which part-time students must complete their program of study.

#### Continuing Status

Students who do not complete their degree within the allotted number of terms appropriate to their full-time or part-time designation shall be considered a continuing student and pay the corresponding fees for maintaining this status.

**Table 1: Full-Time Students: Maximum Number of Terms for Completion of a Master's Program**

Status	Length of program	Thesis or course based	Number of terms allowed for completion
FT	1 Year	Course	3
FT	1 Year	Thesis	4
FT	2 Year	Course	6
FT	2 Year	Thesis	7

**Table 2: Part-Time Students: Maximum Number of Terms for Completion of a Master's Program**

Status	Length of program	Thesis or course based	Number of terms allowed for completion
PT	1 Year	Course	6
PT	1 Year	Thesis	7
PT	2 Year	Course	12
PT	2 Year	Thesis	13

### Joint Master's Programs

#### Full Time

Students are considered to be full time if they identify themselves as full time and their Joint Discipline Committee certifies at registration that their academic program for the registration period will be that of a normal full-time student. (Departments may not employ full-time students for more than 12 hours per week for teaching assistantship or research assistantship duties).

#### Part Time

Graduate students who do not meet the criteria specified for full-time students are designated as part-time students.

## 7. Regulations

### a. Minimum Course Requirements

#### University of Winnipeg Master's Program

#### Aboriginal Governance Program:

##### Coursework and Thesis:

18 credit hours required courses

12 credit hours of elective courses, one of which must be the Thesis course.

Required to provide oral defense of their thesis

#### Coursework and Comprehensive Examination:

21 credit hours of required courses

9 credit hours of elective courses

Required to write a comprehensive examination based on their courses work and sit an oral defense of their examination.

#### Coursework and Co-operative Work Placement Option\*

21 credit hours of required courses

9 credit hours of elective courses, on of which must be the Co-operative Work Placement course

Perform a 12 week co-operative work placement that be worth 6 credit hours

Required to write a comprehensive examination based on their courses work and sit an oral defense of their examination

*\*Not offered in 2008*

#### **Applied Computer Science and Society Program:**

##### Coursework and Thesis:

12 credit hours from the list of Applied Computer Science courses.

12 thesis credit hours

6 credit hours from the Summer Institute in the Global College

Required to write a thesis and defend it in an open oral defense in the presence of a thesis committee.

Students must select their courses in consultation with their thesis supervisor.

#### **Bioscience, Technology and Public Policy Program:**

##### Coursework and Thesis:

5 credit hours of Core Bioscience courses.

3 credit hours from the Bioscience & Technology Curriculum.

4 credit hours from Bioscience & Technology Curriculum taught in a Summer Institute.

Students are expected to undertake a research project culminating in a Master of Science thesis.

#### **English with a Focus in Cultural Studies Program:**

##### Coursework:

27 credit hours of coursework is mandatory (4.5 full-course equivalents).

Required course: Research Methods and Practice

Minimum grade of B (3.0) required in all courses

Students are expected to demonstrate a reading knowledge of a second language.

#### **Joint Master's Programs**

All students must complete one of the following programs of study (to be determined by the Joint Discipline Committee) for the Master's degree:

##### **Course work and Thesis**

- a minimum of 12 credit hours is required.
- Major subject- a minimum of 6 credit hours at the 7000 level
- Ancillary subject(s) - a minimum of 3 credit hours at the 7000, 5000, 4000, 3000 (or in exceptional circumstances the 2000) level
- Thesis
- Language reading test - if specified by the Graduate Studies Committee

##### **Course work and Comprehensive Examinations**

- a total of 24 credit hours is required
- Major subject - 12 to 18 credit hours at the 7000 level
- Ancillary subject(s) - 6 to 12 credit hours at the 7000, 5000, 4000, 3000, (or in exceptional circumstances at the 2000) level
- Comprehensive examinations
- Language reading test - if specified by the Graduate Studies Committee

#### **NOTE:**

The regulations that follow in sections b-n are those of the University of Manitoba which pertain to the Joint Master's Programs. The University of Winnipeg Graduate Studies policies and procedures are currently pending Senate approval. For any information regarding these policies and procedures, please contact the Graduate Studies Office in 4CM02 or call 786-9093.

#### **b. Advance Credit**

Advance credit for courses taken elsewhere toward a degree at this University will be given consideration on an individual basis. If a student is being granted advance credit for all the course requirements, he/she must do the thesis at The University of Winnipeg and register as a full-time student for one academic year. If the program of study is by the comprehensive examination route, the student must complete half the course work and the comprehensive examination at The University of Winnipeg. In both cases, the decision to grant advance credit must be made at the time of admission.

Individual courses within a program of study may be taken elsewhere for credit at this University. In such cases, the student should have the prospective course approved by the Graduate Studies Committee before taking the course.

#### **c. Student's Advisor**

Each Master's student who is registered for the thesis option must have an advisor who is approved by the Chair of the Graduate Studies Committee. The advisor will advise the student on a program of study, direct research, and supervise thesis work.

#### **d. Minimum Time Requirement**

The minimum time for students engaged in full-time study in the regular Master's program is a total of one or two academic years, depending upon the program. In practice, however, most disciplines require more than this minimum amount of time. The residence requirement for all University of Winnipeg Master's Programs is 8 months and students must complete a minimum of 60% of their coursework at UW. This requirement does not apply to the Joint Master's Programs.

#### **e. Maximum Time Limit**

The maximum time allowed for the completion of the Master of Arts degree is five years; for the Master of Public Administration degree, the maximum time allowed is six years. Consideration will be given to recommendations for extensions on an individual basis.

#### **f. Language Requirements - For International Students Only**

All international applicants must successfully complete one of the following English Language Assessment tests: a minimum TOEFL (Test of English as a Foreign Language) score of 550 (paper-based), 213 (computer-based) or a total score of 88 (internet-based) with a score of at least 20 on each of the individual skill areas; a minimum score of 85% on the MELAB (Michigan English Language Assessment Battery); an overall minimum band score of 6.5 on the IELTS (International English Language Testing System) with at least 5 on each test band; an overall minimum result of 60 on the CAEL (Canadian Academic English Language Assessment) with at least 60 on each sub-test. Scores more than two years old will not be accepted. Note: Individual departments may require higher scores than those listed above, or scores more recent than two years.

- Applicants should arrange for their English language test score(s) to be sent directly to the Graduate Studies Office. No student will be admitted until this requirement has been satisfied.
- A waiver may be granted if evidence can be provided of



four or more years of education in a recognized secondary and/or post-secondary institution in which the language of instruction is English. Requests for a waiver must be submitted at the time of application and will be considered on an individual, case by case basis.

#### **g. Language Reading Requirements**

The History and Religious Studies Departments require all candidates for the Master's degree to pass a test demonstrating a reading knowledge of a second language. (Language reading tests may be waived upon the special recommendation of the Graduate Studies Committee.)

#### **h. Academic Standing**

A minimum grade of C+ is required for each course that is to be included in the student's Master's program. Students who fail to maintain this standing will be required to withdraw, unless a departmental recommendation to the contrary is approved. In the case of the JMPs, the approval must be given by the Joint Senate Committee, and the Graduate Studies Committee may, with the approval of the Joint Senate Committee or its delegate, specify a higher standing.

#### **i. Comprehensive Examinations**

The regulations governing comprehensive examinations, where required for the Master's degree, will be specified by the Joint Discipline Committee concerned. No student may sit for these examinations more than twice.

The results of the comprehensive examination must be submitted to the Faculty of Graduate Studies on the form provided, in the terms "approved" or "not approved."

#### **j. Thesis**

In general, the Master's thesis should show that the student has mastery of the field and is fully conversant with the relevant literature. The thesis style must follow a standard style manual acknowledged by a particular field of study and recommended by the Joint Discipline Committee, be lucid and well written, and be reasonably free from typographical and other errors.

Copies of the thesis should be submitted in good, clear type on one or both sides of the paper. The thesis shall be reproduced by typing with the last copy clearly legible, or by other methods acceptable to the Faculty of Graduate Studies. Paper size: 8½x11 inches. Minimum paper weight for the original is 16 lb. bond or equivalent. The minimum left-hand margin allowable is 1½ inches. Other margins must be at least 1 inch. Wherever possible, these margins should be adhered to for illustrative materials as well. A thesis guideline booklet is available from the Graduate Studies Office for additional information.

After the approval of the thesis by the Thesis Examining Committee and the completion of any revisions required by that Committee, two copies of the thesis must be submitted to the Graduate Studies Office in unbound form, with the sheets enclosed in an envelope or folder.

The copies of the thesis deposited with the University are University property.

#### **k. Thesis Examination**

The student's advisor will recommend a suggested Thesis Examining Committee to the Graduate Studies Office on the "Thesis Title and Examiners" form. The Examining Committee must consist of a minimum of three persons, one of whom must be from outside the major department. Where it is difficult to find an outside examiner, the Chair of the Joint Discipline Committee may apply to the Joint Senate Committee (or its delegate) for special consideration and the Committee will decide each case on its own merit. It will be the duty of the examiners to examine and report on the student's thesis.

In certain instances, the advisor may wish to recommend an external examiner (someone from outside the University of

Winnipeg or Manitoba or, in case of the JMPs, outside of both Universities). Prior to recommendation to the Faculty via the Thesis Title and Examiners form, an informal inquiry as to the external examiner's willingness to serve should be made by the thesis advisor.

The formal invitation is made by the Joint Senate Committee or its delegate who requests that the external examiner read the thesis and report on its merit. The external examiner is asked to report in one of the following categories: (a) acceptance without modification, or (b) acceptance subject to modification, or (c) rejection.

The Chair of the Joint Discipline Committee will arrange for the distribution of the thesis to the thesis examiners, notifying the Graduate Studies Office whenever a student's thesis is distributed for examination. Normally, the examining process should be completed within one month after distribution of the thesis. Students have the right to an examination of the thesis if they believe it is ready for examination.

Unless otherwise specified by the Joint Discipline Committee, thesis students must pass an oral examination on the subject of the thesis and matters relating thereto. The form of the oral examination will be as prescribed by the Joint Discipline Committee.

Attendance at the oral examination should not be limited but open to all members of the University community who wish to attend.

Before making their decision, the examiners of a thesis may require a student to make any revisions they see fit, and the advisor shall see that all such revisions are completed before the report is submitted.

A Master's student whose thesis has been formally rejected twice will be required to withdraw.

#### **l. Report on Thesis**

The judgment of the examiners on the work of the thesis shall be reported to the Faculty of Graduate Studies in the qualitative terms "approved" or "not approved." Such verdicts must be unanimous, and each examiner must indicate by signature, concurrence in the verdict. (If the examiners are unable to reach a unanimous decision, this fact must be reported to the Joint Senate Committee in the form of signed majority and minority statements.)

The candidate will be recommended by the Joint Senate Committee for the Master's degree upon the receipt by the Faculty of Graduate Studies of the favourable report of the thesis committee and when the corrected copy of the thesis is submitted to the Faculty of Graduate Studies.

#### **m. Publication and Circulation of Theses**

Every graduate student registering in a degree program at the University will be advised that as a condition of being awarded the degree, he/she will be required to grant a licence of partial copyright to the University and to the Library and Archives of Canada for any thesis submitted as part of the degree program. (This makes the thesis available for further research only. Publication for commercial purposes remains the sole right of the author.) Microfilmed copies of theses are available through the Library and Archives of Canada.

The forms and conditions pertaining to these licence agreements are available at the Graduate Studies Office. This and other related regulations may give rise to important questions of law and students may need additional legal advice on the copyright laws of Canada and/or other countries. Students who wish to obtain legal advice concerning their subsequent rights are advised to do so prior to signing the agreements. Signing of the licence agreements is normally done after the contents of the thesis have been delineated and the importance of copyright and/or patents fully comprehended.

Publication in the above manner does not preclude further publication of the thesis or any part of it in a journal or in a

book. In this case, acknowledgement should be made that the work was originally part of a thesis at The University of Winnipeg.

Copyright in theses is protected by international copyright law. A copyright symbol © is incorporated on a page containing statements of permission to microfilm and to lend copies of the thesis. After completion, this page should be inserted in the thesis immediately following the title page. Blank copies of this page are available from the Graduate Studies Office.

In exceptional cases not covered by the regulation concerning patents (further information on patents is available at the Graduate Studies Office) where adequate cause can be shown to delay publication, the student may request the Joint Senate Committee to restrict access to any copies of a thesis submitted to the University for a period of up to three years after submission, and the Committee, in consultation with the student's thesis advisor, shall determine for what period, if any, such access will be so restricted. The student always retains the right to allow access by designated individuals.

#### **n. Student Appeals**

Student appeals with reference to qualifying and candidacy examinations, thesis regulations, comprehensive examinations, and any other matter relating to regulations and procedures pertaining to the student's degree program, may be directed to the Joint Senate Committee or its delegate if the problem cannot be resolved at the level of the Joint Discipline Committee.

### **8. Financial Assistance**

A wide range of assistantships, fellowships, scholarships, and bursaries are available at the Master's level. For further information one should contact the Graduate Studies officer in the Associate Vice-President (Research and Graduate Studies) Office, or Chair of the Joint Discipline Committee.

#### **a. University of Winnipeg Graduate Studies**

There are several categories of financial assistance available on a competitive basis for fully qualified students who will be registered full-time in a master's program:

- Scholarship, Research Awards, Teaching Assistantships and Teaching Fellowships administered by the VP (RGS)]
- Departmental Assistantships (administered by the corresponding Department)
- Support provided by faculty members (normally the student's supervisor) from research grants or contracts

NOTE: Admission to a graduate program does not ensure that financial support will be available.

#### **Internal Awards:**

##### **The University of Winnipeg Manitoba Graduate Scholarships (MGS)**

The University of Winnipeg has recently established a Manitoba Graduate Scholarship (MGS) valued at \$15,000 through an agreement between The University of Winnipeg and the Province of Manitoba to support research-based graduate studies and assist in attracting and sustaining excellent students from within and outside of the Province. Awards are made mainly on the basis of academic excellence, and are open to students who will be registered as full-time graduate students in a Master's program at The University of Winnipeg regardless of discipline during tenure of the award. For more information about the program, please contact the Graduate Studies Office at 204.786.9039.

***Students are also encouraged to consult with their departments regarding department-specific scholarship, prizes, and awards.***

#### **External Awards:**

Each year The University of Winnipeg's top students compete for Natural Sciences and Engineering Research Council of Canada (NSERC), Social Sciences and Humanities Research Council of Canada (SSHRC) and Canadian Institutes of Health Research (CHIR) Canada Graduate Scholarships. Graduate students are encouraged to seek funding from Canada's major research granting agencies.

##### **Social Science and Humanities Research Council of Canada (SSHRC)**

The Canada Graduate Scholarships (CGS) Master's program seeks to develop research skills and assist in the training of highly-qualified personnel by supporting students in the social science and humanities who demonstrate a high standard of achievement in undergraduate and early graduate studies. This program, together with the SSHRC Doctoral Awards and Postdoctoral Fellowships programs, helps train Canada's researchers and leaders of tomorrow. The CGS Master's program offers non-renewable twelve-month awards, valued \$17,500, and tenable only at recognized Canadian universities, to applicants who will be registered as full-time students at the master's level in a discipline supported by SSHRC.

##### **Natural Sciences and Engineering Research Council (NSERC)**

NSERC Canada Graduate Scholarships and Postgraduate Scholarships provide financial support to high-calibre scholars who are engaged in master's or doctoral programs in the natural sciences or engineering. The Canada Graduate Scholarships valued at \$17,500 will be offered to the top ranked applicants at each level (master's and doctoral) and the next tier of meritorious applicants will be offered and NSERC Postgraduate Scholarship valued at \$17,300. For more information on eligibility and program requirements please visit NSERC website.

##### **Canadian Institute of Health Research (CHIR)**

The Canada Graduate Scholarships Master's Awards administered by CHIR are intended to provide special recognition and support to students who are pursuing a Master's degree in a health related field in Canada. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

#### **b. Joint Masters**

##### **The Robert Painchaud Memorial Scholarship in Canadian History**

Established by the family and friends of Dr. Robert Painchaud, an outstanding teacher of Canadian History at The University of Winnipeg and one who made a significant contribution to the understanding of French-English relations. The scholarship will be awarded to students of outstanding academic promise who are entering either Fourth Year Honours or a program leading to the Master's degree at the University. Competence in French is a desirable qualification. *Application for this scholarship must be made with the Department of History.*

##### **The Donald Vernon Snider Memorial Fellowship**

Funded by the Winnipeg Foundation, this graduate fellowship in the amount of \$10,000 is tenable by students who have graduated from a Manitoba University and are enrolled in a Joint Master's Program. *Application for this fellowship must be made with the Office of Awards and Financial Aid at The University of Winnipeg.*

##### **The University Women's Club of Winnipeg Graduate Scholarship**

A scholarship for \$2,500 is open for competition from students enrolling in the Joint Master's Program.

**Note:** Courses offered at The University of Winnipeg are designated by an alphabetical department code followed by a four-digit course number (eg. HIST-7701, POL-4239, REL-7101); courses offered at the University of Manitoba are designated by another department code followed by a four-digit course number (eg. HIST 7650, POLS 4570, RLG 7040).

For additional information regarding funding opportunities please check the Graduate Studies blog at: <http://blog.uwinnipeg.ca/gradstudents/> for constant updates.

# MASTER OF ARTS ABORIGINAL GOVERNANCE (AG)

The Master's degree in Aboriginal Governance is part of a multi-disciplinary program that is grounded in an understanding of Aboriginal peoples' values, principles and philosophies. Students acquire skills and training in an environment that promotes a positive intellectual dialogue between Indigenous and non-Indigenous people. Graduates will be able to participate effectively wherever Indigenous issues are debated and policy decisions are made. The program promotes leadership and provides students with a solid background in theory and practice of Aboriginal governance.

The program's specific objectives are to:

- Provide studies in matters of good governance grounded in Aboriginal thought and values.
- Provide an in-depth understanding of the human, environmental and financial issues and processes relevant to Aboriginal governance.
- Promote leadership and skills in areas of policy development and professional practice relevant to Aboriginal governance and public service organizations dealing with Aboriginal people.

## REQUIREMENTS FOR AN MA IN ABORIGINAL GOVERNANCE

**Annual deadline for applications: 1 February.**

### ADMISSION REQUIREMENTS

Admission is open to university graduates holding a relevant, recognized 4-Year General or Honours Bachelor of Arts degree with a cumulative grade point average of 3.0 or better in the last 60 credit hours of coursework.

A relevant degree may include but is not restricted to the following disciplines: Indigenous Governance, Native Studies, Political Science, Economics, Conflict Resolution Studies, Justice Studies, History, or Social Sciences.

Students holding a 3 year undergraduate degree may be admitted to the Master's program upon successful completion of a University of Winnipeg designed pre-Master's program which consists of a set of upper-level undergraduate courses.

### HOW TO APPLY

1. Complete the on-line application form.  
<http://www.uwinnipeg.ca/index/cms-filesystem-action?file=pdfs/grad-studies/grad-studies-app.pdf>
2. Submit two official transcripts of academic work completed to date, sent directly from the issuing institution.
3. Submit two letters of recommendation from individuals familiar with your academic work.

### English language requirement (where applicable)

A minimum TOEFL score of 550, or 213 on the computer-based TOEFL test.

The test should have been taken within a year of the date a completed application is submitted.

**Completed application forms** should be submitted to:

### Office of the Registrar-Graduate Studies

Telephone: 204-786-9466  
Fax: 204-772-2584  
Room 1G03  
Email: [e.benson@uwinnipeg.ca](mailto:e.benson@uwinnipeg.ca)

### CONTACT US

Inquiries may be directed to:  
The Chair of Graduate Studies  
Aboriginal Governance Program  
Telephone: (204) 786-9305  
Email: [admin.agp@uwinnipeg.ca](mailto:admin.agp@uwinnipeg.ca)

### M.A. DEGREE PROGRAM

#### Course Work and Thesis

Students are required to take a total of 30 credit hours of work including 18 credit hours of required courses and 3 credit hours of elective courses, in addition to writing a 9 credit-hour thesis. The thesis, which is defended orally, is assessed by a committee.

#### Required Courses

- **AG-4021/7021(6)** Pathways to Indigenous Wisdom
- **AG-4022/7022(3)** Indigenous Research Methodologies and Ethics
- **AG-4020/7020(3)** Indigenous Governance and Self Determination
- **AG-7103(9)** Master's Thesis

**AND**

**one of either:**

- **ABOR- 1101(6)** Introductory Cree
- or**
- **ABOR- 1201(6)** Introductory Ojibwe

**Elective Courses**

**AG-4200/7200(3) or (6) Seminar in Selected Topics**  
**AG-7030(3) Directed Readings**  
**AG-7040(6) Directed Readings**

## **COURSE DESCRIPTIONS**

### **AG-4200/7200(3) or (6) SEMINAR IN SELECTED TOPICS**

The contents of this course focus on particular aspects of Aboriginal Governance and may include topics on philosophical, social, economic, political or other issues. Selected topics are examined in a seminar offered by current staff, or local or visiting scholars from Canada and other countries. Topics accord with each scholar's area of expertise. Special class schedules may be arranged to accommodate visiting scholars. This course may be repeated for credit when the topic varies. Course requirements vary for students completing the 4000 and 7000 level versions of this course. Students should contact the Aboriginal Governance program for details.

### **AG-7030(3) DIRECTED READINGS**

The program of reading and consultation is arranged between the instructor and the student. The student is required to complete a major research paper or write an examination. Students should contact the Aboriginal Governance program for details.

### **AG-7040(6) DIRECTED READINGS**

The program of reading and consultation is arranged between the instructor and the student. The student is required to complete a major research paper or write an examination. Students should contact the Aboriginal Governance program for details.

See also the list under EXPERIMENTAL COURSES elsewhere in this Calendar.

Students may also select, in consultation with the Chair of Graduate Studies, upper level or graduate courses offered in other departments or faculties.

# MASTER OF SCIENCE IN APPLIED COMPUTER SCIENCE AND SOCIETY (ACS)

**Chair:** F. Chan; **Professors:** F. Chan, S. Liao, S. Ramanna; **Associate Professors:** Y. Chen; **Assistant Professors:** P. Atrey, R. McFadyen.

## DEGREES/PROGRAMS OFFERED M.Sc.

The department offers a Master's program at the graduate level in **Applied Computer Science and Society** with a focus on issues of technology and ethical/human/social aspects of computing. We offer courses in three core clusters that represent frontiers of the discipline. These are: *Information Representation, Search and Management, Intelligent Systems, and Systems Development.*

## AREAS OF RESEARCH

The department has faculty working in the areas of algorithms and complexity, computational intelligence, computer vision, data warehousing, discrete mathematics, distributed computing, document, semi-structured and web databases, granular computing, image processing, pattern recognition, software engineering, rough set theory, security and privacy, and multimedia computing. Information about specific research topics can be found on the faculty web pages.

Our graduate program is also designed to provide an excellent basis for a Ph.D. in computer science or other related fields. In addition, our graduates are well-qualified for employment in industry, public-sector, and academia.

## REQUIREMENTS FOR AN M.Sc. IN APPLIED COMPUTER SCIENCE AND SOCIETY

### ADMISSION REQUIREMENT

Admission requirements are those of Graduate Studies. Students may be admitted to the Master's program if they hold an Honours or 4-year Bachelor of Science degree in Applied Computer Science, Computer Science, Computer Engineering, or Mathematics and if they present a suitable selection of courses.

Students can also be admitted to the Master's program upon successful completion of a University of Winnipeg designed pre-Master's program which consists of a set of upper-level undergraduate courses. In special cases where a student has had previous experience or academic qualifications, consideration will be given to his/her admission directly into the Master's program via a PLAR (Prior Learning Assessment and Recognition) mechanism. Please contact the Department for details.

### APPLICATION DEADLINES

The Department allows students to begin their program in September or January. For admission for each of these start dates, Canadian/U.S. students should send their applications with complete supporting documentation to the Office of Graduate Studies no less than three (3) months before the intended start date. All other students should send their applications with complete supporting documentation no later than eight months (8) before the intended start date.

### PROGRAM REQUIREMENTS

Students are required to take a **minimum** of 12 credit hours from the list of Applied Computer Science courses, plus a thesis from the Applied Computer Science Department. **This is a thesis-only program.** Students are required to write a thesis and successfully defend their thesis in an open oral defense in the presence of a thesis committee. Students must select their courses in consultation with their thesis supervisor. **A course-based Master's program** will become available in the near future.

**SECOND LANGUAGE REQUIREMENT:** None

**EXPECTED TIME TO GRADUATE:** 2 years

**MAXIMUM TIME REQUIRED TO GRADUATE:** 5 years

### REQUIRED COURSES

- Minimum **12 credits** from the **Applied Computer Science Department**
- **Thesis** from the **Applied Computer Science Department**

#### Applied Computer Science Department Courses

##### Information Representation, Search and Management Cluster:

**ACS-7101(3)** ADVANCED DATA STRUCTURES AND ALGORITHMS FOR APPLIED COMPUTER SCIENCE

**ACS-7102(3)** WEB AND DOCUMENT DATABASES

**ACS-7103(3)** SEMANTIC WEB

**ACS-7104(3)** THEORY AND PRACTICE OF SECURITY AND PRIVACY

##### Intelligent Systems Cluster:

**ACS-7201(3)** BIOMETRICS

**ACS-7202(3)** GRANULAR COMPUTING: FOUNDATIONS AND APPLICATIONS

**ACS-7203(3)** PATTERN RECOGNITION

**ACS-7204(3)** MULTIMEDIA COMPUTING AND APPLICATIONS

##### Systems Development Cluster:

**ACS-7301(3)** IMPLEMENTATION AND IMPACT OF PEER-TO-PEER SYSTEMS

**ACS-7302(3)** GLOBAL SOFTWARE PROJECT MANAGEMENT

**Thesis**

**ACS-7500(3)** GRADUATE THESIS

## COURSE DESCRIPTIONS

### Information Representation, Search and Management Cluster:

#### **ACS-7101(3) ADVANCED DATA STRUCTURES AND ALGORITHMS FOR APPLIED COMPUTER SCIENCE (Le3)**

This course examines methods for designing efficient data structures and algorithms such as signature trees, suffix trees, compressed transitive closures, and the algorithms for tree inclusion, tree matching, linear-time suffix tree construction, as well as arc consistency problem. Other topics include problems in specialized databases such as Web and Document, DNA and Deductive Databases. PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7102(3) WEB AND DOCUMENT DATABASES (Le3)**

The focus of this course is the in-depth study of research issues associated with specialized databases-web and document databases. Emphasis is placed on examining basic theoretic issues such as system architectures, data storage and data retrieval. Other topics include specific methodology related to DNA databases. PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7103(3) SEMANTIC WEB (Le3)**

This course examines current issues related to the next generation of the World Wide Web: the Semantic Web that is intended to convert the Web into a more practical globally linked database. Topics comprise document markup languages, access privileges, business rules, and processing models for managing data. A typical project involves the design and implementation of an application for managing semi-structured data using XML technologies. PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7104(3) THEORY AND PRACTICE OF SECURITY AND PRIVACY (Le3)**

This course lays the foundation of graduate students to conduct research in the area of computer security and privacy. It covers topics such as symmetric encryption, public key cryptography, digital signature, entity and message authentication, access control, key distribution mechanisms, operating system and network security, intrusion detection, multimedia security and digital rights management, and physical security. The legal, privacy, ethical issues related to security are also covered. PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

### Intelligent Systems Cluster:

#### **ACS-7201(3) BIOMETRICS (Le3)**

Biometrics refers to the automatic identification of a person based on his/her physiological or behavioral characteristics. With the increased integration of computers and Internet into our everyday lives, to protect sensitive and personal data becomes more important and challenging. This course focuses on the design of various biometric systems based on fingerprints, voice, face, hand geometry, palmprint, iris, retina, and other modalities. Multimodal biometric systems that use two or more of the above characteristics are studied. This course also examines biometric system performance and the issues related to the security and privacy aspects of these systems. PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7202(3) GRANULAR COMPUTING: FOUNDATIONS AND APPLICATIONS (Le3)**

This course examines granular computing as a framework of theories, methodologies, techniques, and tools that make use of information granules

in the process of problem solving. Granular computing has a significant impact on the design and implementation of intelligent systems. Emphasis is placed on the study of the theory of rough and fuzzy sets. Applications of these theories are also explored. This course also examines social issues that arise from application of these theories in selected domains.

PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7203(3) PATTERN RECOGNITION (Le3)**

This course gives students an overview of classification techniques. It covers methods from linear classifiers to nonparametric techniques. Feature generation, selection, and extraction techniques are examined. Both supervised and unsupervised learning methods are discussed.

PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7204(3) MULTIMEDIA COMPUTING AND APPLICATIONS (Le3)**

This course provides graduate students with an in-depth knowledge of various computational techniques and tools used in multimedia research (images, videos, speech, graphics and documents). The course covers the following topics: fundamentals of multimedia signal processing, multimedia compression, wireless multimedia, multimedia summarization, content-based multimedia retrieval, multimedia surveillance and security, and current issues and trends in multimedia research. The objective of this course is to prepare students to understand the theoretical foundation of multimedia computing, and to apply computational tools such as Matlab, Intel OpenCV, etc., to the processing and analysis of multimedia data.

PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

### Systems Development Cluster:

#### **ACS-7301(3) IMPLEMENTATION AND IMPACT OF PEER-TO-PEER SYSTEMS (Le3)**

The course is divided into two parts. First half of the course examines the foundations, implementation, and characteristics of various peer-to-peer systems (both research and production). Topics discussed will include the formation, structure, maintenance, purpose, and function of peer-to-peer systems, as well as their commonalities and differences. The second half of the course examines the social issues that arise from the manner in which peer-to-peer systems are structured and used. The issues examined in this half include: copyright-related issues such as the Napster and Grokster decisions; anonymity and privacy, with respect to systems such as Tor; and security-related issues.

PREREQUISITES: Consent of the Department Graduate Program Committee Chair or Instructor.

#### **ACS-7302(3) GLOBAL SOFTWARE PROJECT MANAGEMENT (Le3)**

This course identifies and addresses the social, organizational and technical issues in managing global software projects. Its topics include communications and coordination in a distributed environment; critical success factors; global project management framework; generic design (void of nationalities) and local design (with target culture); and evaluation criteria of the perceived effectiveness of various global project management strategies. The course incorporates both theory and practice, including case studies from international software development companies. Students are expected to participate in research to enrich the course material.

**PREREQUISITES:** Consent of the Department Graduate Program Committee Chair or Instructor.

**ACS-7500(3) GRADUATE THESIS (P)** Graduate thesis research. Detailed exploration of an area of applied computer science chosen for thesis research.

**PREREQUISITES:** Consent of the Department Graduate Program Committee Chair or Instructor.



# MASTER OF SCIENCE IN BIOSCIENCE, TECHNOLOGY & PUBLIC POLICY (BIOL)

**Graduate Chair:** Sarah Good-Avila

The power of science to change the face of modern society is growing at an ever increasing pace. Science and technology are tools that can and do improve the human condition in many ways. But the rapid pace of change also brings unforeseen consequences and perils. Science and technology cannot develop effectively within a social vacuum. The objective of this program is to train students not only in the advanced methods of science, but to place this body of knowledge in the broader context of modern society.

Biology plays an ever increasing role in the development of science and technology, and all aspects of the discipline are changing with advances in molecular biology. Our graduate students receive advanced training in technology including the methods of molecular biology. Our program provides every student with a skill set that prepares them to work in both academia and industry at an advanced level in every area of biology.

The program's specific objectives are to:

1. Provide students with breadth and depth of knowledge in their field of study while providing the skills to communicate effectively and to make informed decisions.
2. Provide an understanding of the ethical problems facing our society, and an appreciation of the full range of human, aesthetic and environmental values.
3. Train students in science and ethics, science and public policy and science in the context of global relations.

## **Admission (Deadline February 1)**

Applicants for admission to the program must hold a recognized 4-Year Bachelor of Science or equivalent with a minimum overall GPA of 3.0 and no grade less than C+ in the last two years of full time university study.

Further inquiries and completed application forms should be directed to the Graduate Chair.

## **PROGRAM REQUIREMENTS**

The program will be a two year Masters program in which students are required to take 12 credit hours of courses. The course work includes three elements: core bioscience courses; course in BioScience & Technology and courses that place science in the broader context of society. Students are required to obtain a minimum average GPA of 3.0 and no grade less than B in all required coursework. In addition, students are expected to undertake a research project culminating in a Master of Science thesis. The thesis will be assessed by a committee and there will be an oral defense.

### **Required Courses:**

Students must complete a minimum of **5 credits** from Core Bioscience Curriculum with Seminars in Biology (BIOL-7101(2)) as a mandatory course. Supervisors may assign more than the minimum 12 credit hours for a student degree program. With the exception of Seminars in Biology, and at the discretion of the Biology Graduate Studies Committee, students are allowed to substitute up to 3 credit hours with a course/s taken from a different Institution. Courses without an assigned course number are pending full description and Senate approval and will be submitted for inclusion in the 2009-2010 calendar.

BIOL - 7402(3) Current Topics in Ecology  
BIOL - 7304(3) Current Topics in Genetics & Genomics  
BIOL - 7100(3) Directed Studies in Life Sciences  
BIOL - 7101(2) Seminars in Biology

All students are required to complete at least 3 credits from Bioscience & Technology Curriculum

BIOL - 7201(3) Molecular Biotechnology  
BIOL - 71xx(3) Directed Studies in Biosciences and Technology

All students are required to complete 4 credits from Bioscience & Society Curriculum taught in a Summer Institute.

XXXX 7xxx(2) Science, Communication & Ethics  
XXXX 7xxx(2) Science and International Development  
XXXX 7xxx(2) Science and Policy

## **GRADUATE COURSE DESCRIPTIONS**

### **A. CORE BIOSCIENCES**

**BIOL-7100(3) DIRECTED STUDIES IN LIFE SCIENCE** This course is designed to allow students to undertake a project in an area of their interest. The project may take the form of a literature review, it may be experimental in nature, or it may involve analysis of existing data. Evaluation is based upon, but not limited to, writing a report summarizing the student's findings. Permission to enroll is dependent on the availability of an Instructor in the student's field of interest, who will provide the student with a detailed course outlined. A student may receive credit for this course only once.

**PREREQUISITE:** Consent of the Graduate Studies Committee Chair.

**BIOL-7101(2) SEMINARS IN BIOLOGY** This course consists of seminars presented by students on their thesis research topic. Attendance by students is mandatory during the four terms of their studies. Students in their first year are expected to present at least, but not exclusively, the appropriate background to their topic of research, the rationale and objectives to their study and some aspects of

the methodology. Students in their second year are expected to add to their presentation results and conclusion, and provide an idea of likely future direction.

**BIOL-7201(3) MOLECULAR BIOTECHNOLOGY** This course equips Graduate students with theoretical and hands-on experience. Topics include, but are not limited to, techniques used for DNA, RNA and protein isolation, gel electrophoresis, molecular markers and DNA fingerprinting, Southern and Northern hybridization, the polymerase chain reaction (PCR), and DNA sequencing. The application of these techniques in diagnostics (e.g., DNA fingerprinting, pathogen typing, species identification) is emphasized.

**PREREQUISITES:** Acceptance in the graduate M.Sc. program in Biosciences, Technology & Public Policy or permission of the Program coordinator.

**BIOL-7304(3) CURRENT TOPICS IN GENETICS & GENOMICS** The field of Genetics has experienced fast changes during the last years. Advances in molecular techniques and computer sciences makes it feasible to address old questions and raise new ones. A consequence of this advancement is the birth of Genomics and the evolution of the field into structural, functional and comparative genomics. This course is a combination of readings, oral presentations and discussions that examine current topics in the field of genetics and genomics. A major aspect of the course will be student participation through presentations and discussion of the current literature.

**PREREQUISITES:** BIOL-2301; BIOL-3303 or equivalent.

**BIOL-7402(3) CURRENT TOPICS IN ECOLOGY** This course involves students in the current topics in ecology.

The instructor presents a range of potential topics from which students can select those of interest. Students may also offer their own topics for presentation. Students will present seminars to the class on chosen topics, and their evaluation will be based upon class participation, and will involve peer assessment. This course is also open to 4<sup>th</sup> year Biology Honours students. Additional in-depth work is required to receive credit at the 7000 level.

**PREREQUISITES:** Consent of the Graduate Studies Committee Chair.

# MASTER OF ARTS ENGLISH WITH A FOCUS IN CULTURAL STUDIES

**Graduate Chair:** Mavis Reimer

This course-based M.A. program is intended to give students an excellent basis to pursue a Ph.D. in English and Cultural Studies. In addition, M.A. degrees increasingly are valued in secondary-school teaching, publishing, management, marketing, and other careers in communications and cultural industries. Information about specific faculty research interests can be found on the website of the Department of English at: <http://www.uwinnipeg.ca/index/grad-studies-ma-eng-cs>.

## REQUIREMENTS FOR AN M.A. IN ENGLISH WITH A FOCUS IN CULTURAL STUDIES

### ADMISSION REQUIREMENT

Applicants should have an Honours or Four-Year B.A. in English or a joint Honours or Four-Year B.A. in English and another subject, such as Sociology, Politics, Gender Studies, or Anthropology. Given the multi-disciplinary scope of Cultural Studies, other degrees and/or experience also will be considered on a case-by-case basis. A minimum number of courses in textual studies (the equivalent of 30 credit hours\* of study at the Honours level or 48 credit hours\* of study at other postsecondary levels) is required of all students, either to be completed before entry into the program or to be completed during a qualifying period.

### Application Deadline:

Application packages will be on hold until ALL required documents are received. The deadline for application is February 1 for Canadian applicants and December 15 for international applicants. Applications received after the official deadline will be considered, but financial assistance cannot be guaranteed for late applicants. The normal date to begin the program is September. For current information on scholarships, please visit the Department and Graduate Studies websites.

### How to Apply:

1. Complete the on-line application form available at <http://www.uwinnipeg.ca/index/cms-filesystem-action?file=pdfs/grad-studies/grad-studies-app.pdf>
2. Provide two official/notarized transcripts of academic work completed to date, sent directly from the issuing institution. If the final transcript does not show that a completed degree has been conferred, an official/notarized copy of your diploma is also required.
3. Supply two confidential letters of recommendation from individuals most familiar with your academic work and relevant experience. Letters should be signed and sealed if they are submitted by the student as part of an application package.
4. Attach a personal statement of 500 words, which includes a description of your undergraduate training and your reasons for applying to this program.
5. If applicable, attach an academic resumé. Pertinent listings include scholarships, awards, grants, and other distinctions; conference papers, other presentations, and publications; and volunteer and community service.
6. Include a writing sample, preferably an essay from a recent course with the instructor's comments, written in English.
7. Applicants for whom English is an additional language should include an official copy of TOEFL or IELTS scores.

### DEPARTMENTAL ADMISSION REQUIREMENTS

4 year Undergraduate degree

### Minimum Entry requirement:

Overall GPA of 3.0

A GPA of 3.5 in the major subject

### English requirement for applicants for whom English is an additional language:

A minimum TOEFL score of 100, with a score of at least 22 on the writing and speaking component or an IELTS score of 7.5.

The test should have been taken within a year of the date a completed application is filed.

## PROGRAM REQUIREMENTS

Full-time students may complete this program of study over a twelve-month period. Students also may be enrolled in the program on a part-time basis, normally completing the program requirements in two years. All students take 4.5 full-course equivalents (27 credit hours), including a required course in Research Methods and Practice.

### MINIMUM COURSE AND GRADUATION REQUIREMENTS

A minimum of 27 credit hours of course work is mandatory. Students should arrange their specific distribution of courses in consultation with the Chair of the Graduate Program Committee or designate.

Students are required to obtain a minimum grade of B (grade point of 3.0) in all courses presented for graduation.

Students are expected to demonstrate a reading knowledge of a second language.

**Expected Time to Graduate:** 12 months

**Maximum Time to Graduate:** 3 years

## COURSE DESCRIPTIONS

**ENGL-7112(3) AND ENGL-7113(6) TOPICS IN CULTURAL THEORY** These courses focus on such questions as: What constitutes a text? How do some texts come to be valued over others? How do questions of value relate to the distribution of power and authority? How do social differences such as race, ethnicity, class, and gender shape and unsettle cultural production and consumption over time? How may "cultural theory" and "critical theory" be situated in relation to one another?

**ENGL-7160(3) AND ENGL-7161(6) TOPICS IN CULTURES OF CHILDHOOD** These courses focus on such questions as: How has the subject category of "the child," different in different times and places, been used to secure definitions of class, nation, history, and the modern individual? How do digital, filmic, and television texts, texts of material culture such as toys and video games, and oral texts such as family stories and schoolyard games take up and reframe these debates? How does studying texts designed for young readers allow for theoretical investigations into the manufacture of consent in liberal democratic cultures?

**ENGL-7901(3) AND ENGL-7902(6) TOPICS IN GENDERS, SEXUALITIES, AND CULTURES** These courses focus on such issues as: the relationship between feminist theory, queer theory and literary and cultural production; the impact of queer theory on historical considerations and contemporary understandings of sex, gender and sexuality; the continued relevance of feminism and feminist theory to questions of gender and sexuality; and the development and circulation of terms such as "homosexual" and "heterosexual" and concepts such as "masculine" and "feminine," categories that have a fundamental impact on how we organize and understand cultures, subjectivities, and knowledges.

**ENGL-7740(3) AND ENGL-7741(6) TOPICS IN LOCAL, NATIONAL, AND GLOBAL CULTURES** These courses focus on such topics as: the implications of globalization for

Canadian and Aboriginal texts and identities; the potential for dialogue and collaboration across nations and cultures; the ways in which local histories and contexts engender different relations to the global; and the language of human rights

**ENGL-7811(3) AND ENGL-7812(6) TOPICS IN MANUSCRIPT, PRINT, AND DIGITAL PICTURES** These courses will focus on such topics as: historical and contemporary theoretical debates over aesthetics and culture; archiving and public memory; orality and writing; popular cultures and reading publics; copyright and censorship; manual, industrial, and digital publishing; book production, distribution and consumption; and media institutions.

**ENGL-7122(3) AND ENGL-7131(6) SPECIAL STUDIES IN CULTURAL THEORIES AND PRACTICES** These courses encourage students to consult with interested faculty members from English and cognate departments to develop reading courses related to particular areas of cultural theories and practices. Individualized programs for completing the required course work as well as independent study projects are submitted to be approved by the English Graduate Program Committee. Cognate departments may include the following, among others: Anthropology; Politics; Sociology; Philosophy; History; Rhetoric, Writing, and Communications; and Women's and Gender Studies.

**ENGL-7103(3) RESEARCH METHODS AND PRACTICE** This course aims to equip students with advanced bibliographical and research skills that will support their graduate study. Such resources will include archival, library, web-based and informational technologies, and will incorporate theoretical and applied methodologies. Each year course material will be integrated with other graduate courses being offered, and might include a practicum in local cultural projects and communities.

# MASTER OF ARTS IN HISTORY (HIST / HIST)

**NOTE:** The University of Manitoba department/program code HIST replaces the former code 011. Students cannot hold credit in HIST-XXX0 and the former 011.XXX having the same course number (eg.g. HIST-7730 and 011.733).

Graduate Chair - The University of Winnipeg  
Graduate Chair - The University of Manitoba  
Chair - Joint Discipline Committee

Contact History Chair  
Contact University of Manitoba History Department  
Contact University of Manitoba History Department

The joint Master of Arts program is offered by the History Departments of The University of Winnipeg and the University of Manitoba. For further information write to the Chair, Joint Discipline Committee. Course and thesis direction are offered at both institutions. Students completing the program will receive a joint parchment, and may choose to convocate from either of the participating universities. Students may choose between a course MA and a thesis MA. The first involves four courses, three of which should be 7000-level History courses. In addition, the student is required to select a major field, and must pass both a written and an oral comprehensive examination upon that field. The second choice involves two 7000-level courses and the presentation of a thesis. In both programs the student is required to demonstrate a reading knowledge of a second language (French for Canadian History).

## COURSE DESCRIPTIONS

**Note:** All courses listed below are six credit hour courses. Course offerings vary from year to year. Course listings and departmental regulations for each program may be obtained from the Departments for the academic year.

### AFRICAN and ASIAN

**HIST 7703(3) / HIST 7820 ISSUES IN MODERN ASIAN HISTORY 1: SELECTED TOPICS S3** This course analyses important issues and recent developments in the history and historiography of modern Asia. Content of the course varies from year to year. Consult the History Department for particulars.

**HIST 7704(3) / HIST 7829 ISSUES IN MODERN ASIAN HISTORY 2: SELECTED TOPICS S3** This course analyses important issues and recent developments in the history and historiography of modern Asia. Content of the course varies from year to year. Consult the History Department for particulars.

**HIST-7705(6) / HIST 7930 IMPERIALISM, DECOLONIZATION, AND NEO-COLONIALISM, 1700-PRESENT S3** This course is an exploration of theoretically informed literature that has attempted to engage with and understand Imperialism, and Colonialism, Anti-Colonial Nationalism, National Liberation Movements and Neo-Colonialism.

**HIST-7708(6) / HIST 7280 TROPICAL AFRICA IN THE 19TH AND 20TH CENTURIES** Emphasis will be placed on the development of the European-African relationship from the end of the slave trade to independence. Specific topics considered will be imperialism, African nationalism, colonialism, independence movements, revolutionary wars, and the European legacy in Africa.

### AMERICAN

**HIST-7605(6) / HIST 7650 AMERICAN DIPLOMATIC HISTORY** An examination of selected topics in American foreign relations.

**HIST-7606(6) / HIST 7240 STATE AND SOCIETY IN LATIN AMERICA S3** Readings focus on state/society relations in the history of Latin America since colonial times. After considering different theoretical approaches, the course analyzes recent works that cover different historical periods, countries, issues, and social actors.

**HIST-7608(6) / HIST 7180 STUDIES IN AMERICAN HISTORY TO 1877** An examination of selected topics in American history from colonial beginnings to Reconstruction. Particular topics will be announced each year.

**HIST-7609(6) / HIST 7190 STUDIES IN AMERICAN HISTORY SINCE 1877** An examination of selected topics in American history from Reconstruction to the present. Particular topics will be announced each year.

**HIST-7701(6) / HIST 7730 MODERN LATIN AMERICA** An examination of selected themes such as economic and social change, political modernization, and external influences and intervention in Latin America during the nineteenth and twentieth centuries.

### BRITISH AND COMMONWEALTH

**HIST-7304(6) / HIST 7230 NINETEENTH-CENTURY BRITAIN** A study of British culture, politics, and diplomacy, 1830-1900.

**HIST-7309(6) / HIST 7740 ENGLAND IN THE LONG EIGHTEENTH CENTURY S3** This course examines selected themes in the history of England's long eighteenth century, from 1660 to 1840. Specific topics vary from year to year, but include the transformation of political culture, the consequences of war, the question of national identities, the emergence of commercial society and the changes in social structure.

**HIST-7311(6) / HIST 7220 READING SEMINAR IN BRITISH HISTORY S3** This course is a detailed examination of selected topics and problems in British history. Topics and content vary from year to year.

### CANADIAN

**HIST-7503(6) / HIST 7330 HISTORY OF WESTERN CANADA** A research course in western Canadian history. The range of subjects will vary from year to year depending on the interest of the students. The subjects range from the fur trade to modern political, social, and economic issues.

**HIST-7506(6) / HIST 7360 CANADIAN-AMERICAN RELATIONS** A historical survey in which the student may concentrate on such periods and aspects (political, economic, cultural, diplomatic, etc.) as may be of particular interest.

**HIST 7507(6) / HIST 7750 GENDER HISTORY IN CANADA S3** This course explores the roles, images, and experiences of masculinity and femininity in the past. The course familiarizes students with the changing theoretical and historiographical terrain of gender history. It draws on the international literature but focuses on the history of gender in Canada, and examines how historians analyze masculinity, femininity, the family, sexuality, politics, race/ethnicity, moral

regulation, class, nation and colonialism.

**HIST-7509(6) / HIST 7290 READING SEMINAR IN CANADIAN HISTORY, 1860 TO THE PRESENT** While the specific course content may vary from year to year, the general approach shall be to ensure a broad sampling of the secondary literature in Canadian history. Political, social and economic themes will be emphasized and particular concern shall be taken with historiographical controversy.

**HIST-7510(6) / HIST 7600 NORTHERN HISTORICAL STUDIES** This course is based upon a number of studies of various aspects of the North. Particular emphasis is given to the North in relation to the fur trade, exploration, and Canadian development.

**HIST-7511(6) / HIST 7810 STUDIES IN THE SOCIAL HISTORY OF BRITISH NORTH AMERICA, 1760-1867** Themes may include the fur trade, Euro-Indian relations, immigration, rural and urban social patterns, the instruments of culture (religion, education, the family, etc.) and the social implications of political and economic development.

**HIST-7517(6) / HIST 7670 STUDIES IN CANADIAN HISTORY, 1870-1919** This seminar will focus on social, intellectual, political, and economic themes, with particular emphasis on the western experience. Specific topics will vary from year to year depending upon the interests of students and instructors.

#### **MEDIAEVAL**

**HIST-7201(6) / HIST 7410 THE CRUSADES** An inquiry into the origins of the Crusading movements in the West and into its impact in the East, with special reference to the role it played in hastening the end of the East Roman Empire.

**HIST-7202(6) / HIST 7420 MEDIAEVAL MONASTICISM** Reading and research assignments in the history of Western Monasticism.

**HIST-7204(6) / HIST 7440 EUROPE IN THE FOURTEENTH CENTURY** Readings and research assignments in the principal developments of the fourteenth century.

**HIST-7207(6) / HIST 7470 THE LATER MIDDLE AGES** Selected topics in economic, social, cultural, art and religious history of the later medieval world. Students may not hold credit for both HIST-7207(6) / HIST 7470 and the former 011.743.

**HIST-7208(6) / HIST 7480 THE EARLY MIDDLE AGES** A detailed examination of selected aspects of the early medieval world during the period 313 A.D. — 800 A.D.

**HIST-7901(6) / HIST 7460 SCIENTIFIC STUDIES IN THE MIDDLE AGES** The seven liberal arts in Greek, Roman, and European school literature and practice will be reviewed with emphasis on arithmetic, geometry, astronomy, and harmonics, and the development of experimental science.

#### **MODERN EASTERN EUROPEAN**

**HIST-7301(6) / HIST 7560 THE RUSSIAN REVOLUTION** The events constituting the Revolution proper (1917-21) will be studied in relation to their historical background and in the light of their subsequent impact both nationally and globally.

**HIST-7310(6) / HIST 7800 IMPERIAL RUSSIA** A study of selected problems in Russian Imperial history covering the 18th and 19th centuries.

**HIST-7318(6) / HIST 7680 MODERN EAST CENTRAL EUROPE** A study of nationalism and communism in the nineteenth and twentieth centuries - "western" attitudes towards the area will also be discussed. Excludes the Soviet Union.

#### **MODERN EUROPEAN**

**HIST-7210(6) / HIST 7510 EARLY MODERN EUROPEAN HISTORY** A seminar which studies early modern Europe from the perspectives of new approaches to historiography.

**HIST-7302(6) / HIST 7520 THE AGE OF ENLIGHTENMENT** Emphasis on eighteenth century French intellectual history and its relationship to the origins and course of the French Revolution. Some reading knowledge of French is almost essential.

**HIST-7305(6) / HIST 7550 TWENTIETH-CENTURY EUROPE** An analysis of selected problems in the recent history of Europe.

**HIST-7306(6) / HIST 7660 NINETEENTH-CENTURY EUROPE** An analysis of selected problems in the nineteenth-century European history.

**HIST-7902(6) / HIST 7690 POST-NEWTONIAN SCIENTIFIC THOUGHT** Selected topics in the history of the physical, geological and biological sciences from the time of Newton through to the early 20th century. The relationships of scientific ideas to other philosophical, religious and social developments will be emphasized throughout.

#### **MODERN WORLD**

**HIST-7106(6) / HIST 7920 POPULAR RADICALISM IN THE MODERN WORLD** Selected topics in the history of popular movements of social and political protest in the modern world. The course considers problems such as the development of radical theory and political practice, and the culture of dissent. Students may not hold credit for both HIST-7106(6) / HIST 7920 and the former 011.726.

**HIST-7108(6) / HIST 7910 STUDIES ON MODERN WORLD HISTORY** A seminar emphasizing the period since 1945. With the agreement of the instructor and depending on the needs of their degree programs, students may elect a reading or research option.

#### **SOCIAL**

**HIST-7004(6) / HIST 7270 SPECIAL STUDIES IN SOCIAL HISTORY** A seminar course, the content of which will vary from year to year.

**HIST-7006(6) / HIST 7760 HISTORY OF ABORIGINAL RIGHTS S3** A study of aboriginal rights from early contact to the present with a particular emphasis on treaties, the courts, and Aboriginal efforts to enforce specific forms of rights.

**HIST-7101(6) / HIST 7610 NATIONAL STATES AND NATIONAL MINORITIES** A historical approach to the development of nationalism in Canada and the Europe. Special attention paid to the treatment of minority groups in the nineteenth and twentieth centuries in education and cultural fields.

**HIST-7107(6) / HIST 7710 HISTORY AND CULTURAL STUDIES** A working guide to interdisciplinary approaches to the new field of Cultural Studies, examining its principal theoretical bases and existing and potential applications for the historian.

**HIST-7801(6) ADVANCED STUDIES IN ART HISTORY S3** This course addresses interpretations of selected topics in Art History as they have appeared in the literature. Possible topics may include Theories and Methods for Art History or the work of a particular artist, period or movement. Wherever possible topics are examined through the analysis of materials available in local collections. Students are expected to take a leading role in class discussions and to undertake a major research project on a topic of relevance to the course. Each time the course is offered the selected topic will be listed in the Timetable.

**HIST-7903(6) HISTORY OF HEALTH AND DISEASE S3** This seminar course introduces students to some of the principal issues and approaches in the history of health and disease. It is not a strictly chronological survey of the history of medicine. Rather, each week we explore a different aspect of the history of health from different historiographical perspectives. Topics include the development of the nursing and medical professions; the transformation of the hospital; mental health and the asylum; alternative therapies; colonization, infectious disease and aboriginal health; the history of disease; and health and the

state.

#### **GENERAL**

**HIST-7005(6) / HIST 7700 HISTORICAL METHODS** A seminar and workshop in historical method. The topics covered will encompass conventional research, analysis and writing, as well as the application of social science techniques to the analysis of historical problems, the fundamentals of data processing, and computer applications.

**HIST-7090(6) / HIST 7900 INTRODUCTION TO DOCUMENTARY EDITING** Examination of the major problems of editing documents, including transcription procedures, palæography, textual collation, editorial

apparatus, computer text processing, permissions and copyrights, and publications.

#### **OTHER**

**HIST-7003(6) / HIST 7770 SELECTED TOPICS** A program of independent reading and/or research on selected topics, undertaken and arranged by a student in consultation with a prospective instructor, upon the approval of the Graduate Chair.

**Note:** Master's students have the option of a History of Science area by combining **HIST-7901(6) / HIST 7460** and **HIST-7902(6) / HIST 7690**

For details consult the joint departmental brochure.

# MASTER OF MARRIAGE AND FAMILY THERAPY

**Executive Director and Director of Training:** M. Boyd

The Master of Marriage and Family Therapy (MMFT) and the Certificates in Marriage and Family Theory and Therapy are designed for those who want a quality professional education in this field. School counselors, social workers, pastoral workers and other helping professionals may use this training to develop a specialty in relationship therapy; or mature persons with an unrelated undergraduate degree and work experience may choose this program as a vehicle for career change. The Masters degree is fully accredited by the Commission of Accreditation for Marriage and Family Therapy Education. Students complete the majority of their supervised clinical practice at Aurora Family Therapy Centre, A United Way of Winnipeg supported agency located on The University of Winnipeg campus.

The MMFT Program is organized in two phases. The first is the Certificate Program; the second is the Masters Degree Program. These are sequential and each requires the same core courses.

## **The Core Courses**

All program candidates complete the following core courses: MFT-7552/4 Survey of Family Therapy Theories, MFT-7553(3) Couple Therapy and MFT-7574(3) Family Therapy Research Methods. Collectively, these courses count for 10 credit hours.

## **The Certificate Phase**

Two Certificates are sequentially offered: A Theory Certificate and a Therapy Certificate. The professional standard for marriage and family therapy practice is a Masters degree. For a prospective student who already has a Masters degree in a related field (e.g. MSW, MEd) the Certificates offer an opportunity to add a specialization in MFT. For students entering the field, the Certificate of Marriage and Family Therapy acts as a prerequisite for being granted Masters student status in this program. Courses taken for the Certificate are creditable to the Masters.

In addition to the core courses named, the following are the requirements for each certificate.

**The Theory Certificate:** In addition to 10 core credit hours, the successful student completes 14 credit hours of their own choosing for a total of 24 credit hours. Some students find that completing this Certificate is sufficient for their purposes while others continue to the Therapy Certificate. **Those who want to continue are advised to choose the required courses for the Therapy Certificate as the electives in the Theory Certificate.**

**The Therapy Certificate:** In addition to 10 core credit hours, the successful student completes: MFT-7554(3) Self in the Family Laboratory, MFT-7560(3) Issues of Diversity in Family Therapy, MFT-7575(3) Family Therapy Plans and Interventions, MFT-7571(2) Abuse in the Family: Theory MFT-7581(6) Supervised Marriage and Family Therapy, and 3 additional credit hours of their own choosing for a total of 30 credit hours. Students are advised to complete the required theory courses before applying for a supervised practicum. **Those who want to continue on to the Masters Degree are advised to choose the required courses for the Masters Degree as electives in the Therapy Certificate.**

## **Masters Degree Phase**

The objectives of the Masters Degree program are: (1) to prepare individuals to practice marriage and family therapy and (2) to help graduates satisfy the AAMFT Clinical Member requirements.

## **Theory Courses**

The successful Degree candidate completes 39 credit hours of theory courses (24 of which will have been completed in the Therapy Certificate) and 24 credit hours of clinical training under supervision (6 of which will have been completed in the Therapy Certificate). **It is important to note that there are only 4 credit hours in the Masters Program that are electives, and to choose courses accordingly.** The complete requirements by area are:

Area I: Theoretical Foundations. Students take 6 credit hours: MFT-7551(2) Graduate Seminar in Marriage & Family Therapy Theory, and MFT-7552/4 Survey of Family Therapy Theories.

Area II: Clinical Practice. Students take 24 credit hours. These must include MFT-7553(3) Couple Therapy, MFT-7554(3) Self in the Family Laboratory, MFT-7555(3) Children and Adolescents in Family Therapy, MFT-7560(3) Issues of Diversity in Family Therapy, MFT-7564/1 Selected Assessment Topics (DSM IV and Pharmacology), MFT-7565/1 Spirituality and Family Therapy, MFT-7571(2) Abuse in the Family - Theory, MFT-7571/1 Abuse in the Family – Practice and MFT-7575(3) Family Therapy Plans and Interventions. The remaining 4 credit hours are electives.

Area III: Human Development and Family Studies

Students take 3 credit hours: MFT-7569(3) Health, Aging and Work of Adulthood.

Area IV: Professional Identity and Ethics. Students take 3 credit hours: MFT-7572(3) Marriage and Family Therapy as a Profession.

Area V: Research. Students take 3 credit hours: MFT-7574(3) Family Therapy Research Methods.

Area VI: Supervised Clinical Training. Students take 24 credit hours (MFT-7581(6), MFT-7582(6), MFT-7583(6) and MFT-7584(6)) Supervised Marriage and Family Therapy.



## Area I - Theoretical Foundations

**MFT-7551(1) Graduate Seminar in Marriage and Family Therapy Theory** This seminar is designed to correlate theory, research and clinical practice. Students select research topics stimulated by their clinical practice. Research will include an examination of relevant literature, reflection on best practices relative to the student's clinical interest, and the presentation of findings for peer examination and reflection. The course provides opportunities for peer assisted research, inclusive of assisting the student with defining the area of interest, helping the student conduct the research and examining the results of the research. The major objective of this research is to examine the implications of the theory for the best clinical practice.

**RESTRICTIONS:** This course is to be taken towards the end of one's clinical training; therefore, it is normally limited to 4<sup>th</sup> Practicum students.

**MFT-7552(4) Survey of Family Therapy Theories** This course introduces the student to the systemic concepts that form the background for family therapy as a discipline and the family therapy theorists who have shaped the development of family therapy. Specific attention is given to the philosophical views that inform the various theories studied. (This course should be among the first a student takes).

## MFT-7597(3) Area I Directed Studies

### Area II - Clinical Practice

**MFT-7553(3) Couple Therapy** This course examines the dimensions and dynamics of couple relationships and therapies for couple problems. The research on the emotional, sexual, power, gender, cultural and spiritual aspects of the couple relationship is explored. Therapies available for addressing problems that a couple faces are studied with particular attention to systemic interventions and sex therapy.

**MFT-7554(3) Self in the Family Laboratory** The self of the therapist is the subject of this laboratory. Resources, blind spots, and expectations of the self are examined. Isomorphic concepts and intergenerational theories are explored and applied. Experiential learning processes (inclusive of family of origin work and role plays) are extensively used. No letter grade is given, only pass or fail. This is a 16 week, 48 hour laboratory. Because of the intensity of the small group experience students are expected to attend every class.

**RESTRICTIONS:** Due to the intense, personal nature of the work involved, students may only register by permission of the instructors. A 'Screened Program' Application is required to be submitted during the month of March.

**PREREQUISITES:** Preference is given to students who have already completed other courses in the program.

**MFT-7555(3) Children and Adolescents in Family Therapy** This course addresses family therapy with children, adolescents and parents. It attends to issues of parenting, child and adolescent development, special issues of childhood and adolescence, models of therapy, interventions and the self of the therapist.

**PREREQUISITES:** MFT-7552(4) Survey of Family Therapy Theories

**MFT-7556(1) Human Sexuality and Sex Therapy** This course offers a brief overview of sexual issues to assist marital therapists working with couples. The course includes a history of sexuality, the major sexual dysfunctions, and ways of helping therapists feel comfortable in addressing sexual issues with their clients.

**PREREQUISITES:** MFT-7581(6) Supervised MFT or instructor permission.

**MFT-7559(1) Post-Divorce Families** Divorce is a relatively common occurrence with generally unpredictable consequences. Attention is paid to the controversy around these consequences particularly for children, to high conflict post-divorce families, and to the special challenges faced by stepfamilies.

**MFT-7560(3) Issues of Diversity in Family Therapy.** Individual and relational systems, including therapeutic systems, do not exist in a vacuum. They are embedded in a larger context and strongly shaped by culture, gender, race,

society (dis)ability, and many other factors. This course explores the person of the therapist as an ethnic, gendered and diverse being, and examines ways in which contextual factors influence the process of therapy. Special attention is given to feminist thought in family therapy and to developing sensitivity in working therapeutically with people belonging to diverse and marginalized groups.

**PREREQUISITES:** MFT-7552/4 Survey of Family Therapy Theories

**MFT-7563(3) Group Theory and Therapy** Group therapy theory is presented. Special attention is given to the examination of group processes, leadership functions, and member interactions. The use of group theory and therapy in the treatment of couples and families is explored. Experiential learning is extensively used.

**MFT-7564(1) Selected Assessment Topics** This course presents selected concepts and skills that the practicing therapist requires for making clinical assessments and for consulting with allied clinical service providers. Selected discrete assessment topics are presented, each in a 1 credit hour course format. The topics are:

**1) DSM IV Classification System and Pharmacology** This course introduces the student to the DSM IV diagnostic classification system and associated social service treatment methodologies and pharmacological interventions. This course will also examine associations between this subject matter and the practice of family therapy (This course is required for the Masters degree).

**2) Assessing Addiction in the Family** This course provides students with tools for assessing various types of addictions. Students learn how to recognize signs and symptoms of addictive processes in family members as well as in family systems. Students are exposed to treatment resources in the community and to various literature resources.

**3) Multiple Social Systems Interventions** This course presents concepts and methods appropriate for understanding multi-system treatment programs and working with clients where the systems are not coordinated.

**4) Legal Issues and the Family Therapist** This course presents the major ways in which legal systems impact upon clinical involvement with clients. This course introduces the student to the mandate, processes, and consequences of selected legal systems and the significance of these for the practice of family therapy.

**5) Standardized Assessment Procedures and Instruments** This course introduces the student to selected psychometric instruments commonly used by allied professions in the social service sector and to standardized family therapy assessment instruments. The student is also introduced to the concepts and methods associated with writing standardized reports.

**6) Post-Traumatic Stress Assessment** This course introduces the student to the impact of acute and chronic trauma on individuals, couples, families and social systems. Specific attention will be given to etiology, assessment and treatment from a biophysical systemic perspective.

**7) Working with Families and Serious Mental Illness (SMI)** This course reviews the history of family treatment in SMI treatment, the impact of SMI on the family, the needs of these families and finally new developments and best practices in this area. Registrants normally complete one practicum (or the equivalent) before registering for this course.

**MFT-7565(1) Spirituality and Family Therapy** The goals of this course include training in opening a dialogue with individuals and families about spiritual issues, discerning when a referral may be appropriate, expanding an awareness of wisdom traditions through comparative religious material, and identifying from current practice many of the spiritual issues that arise in the clinical setting.

**MFT-7571(2) Abuse in the Family – Theory:** This first part of the Abuse course offers an understanding of how trauma impacts on our clients at the level of their bodies, their cognitions, and their relationships within the life cycle. It also attends to how different ideas and theoretical perspectives about healing shape clients' and therapists' ability to learn how to cope in healthy ways. Included is attention to how culture, gender, spirituality and other beliefs shape our approaches to healing.

**PREREQUISITES:** MFT-7552/4 Survey of Family Therapy Theories

**MFT-7571(1) Abuse in the Family – Practice:** This second part of the Abuse course focuses on practical application of the therapist's understanding of trauma to actual cases, and working on the self of the therapist.

**PREREQUISITES:** MFT-7571(2) Abuse in the Family - Theory and MFT-7581(6) Supervised Marriage and Family Therapy

**MFT-7573(3) Selected Topics in Marriage and Family Therapy** These course topics give attention to selected techniques and approaches to marriage and family therapy that are not normally covered in other courses. These topics are approached through research and action-reflection methodologies. The topics are:

**1) Family Reconstruction** Through a better understanding of their family of origin through re-experiencing key events and learnings in their family history, participants gain new perspectives on past experience in order to change patterns that are no longer useful. This transformation creates room to discover and accept one's own personhood and the personhood of significant others. No letter grade is given; only pass or fail.

**2) Death in the Family** The course aims to provide the participants with insight into the dynamics of grief in response to change, loss and death. Students have the opportunity to develop the skills needed to work with individuals, families and groups. Participants are invited to process their own personal and professional experience with grief and loss.

**MFT-7575(3) Family Therapy Plans and Interventions** This course teaches the development of systems-based treatment plans for family therapy clients. Special attention is given to interventions and techniques that are appropriate to such treatment plans.

**PREREQUISITES:** MFT-7552(4) Survey of Family Therapy Theories

#### **MFT-7598(3) Area II Directed Studies**

##### **Area III- Human Development and Family Studies**

**MFT-7569(3) Health, Aging and Work of Adulthood** This course examines the health and productive aspects of adulthood along with their impact on personal and relational dynamics. Means of coping with illness, handicaps, physical changes with age, and types of workplaces and work histories are identified. The influences of gender, families and culture on the health, aging and work opportunities of individuals are identified. Consideration will be given to the roles of physical well-being and productive activities for personal identity and a sense of meaning. Limited attention will be given to implications for therapeutic interventions.

#### **MFT-7599(3) Area III Directed Studies**

##### **Area IV - Professional Identity and Ethics**

**MFT-7572(3) Marriage and Family Therapy as a Profession** This course gives attention to the interface between the practice of marriage and family therapy and other professions, family law, professional ethics, and managing the professional affairs of a practicing therapist.

##### **Area V - Research**

**MFT-7574(3) Family Therapy Research Methods** This course gives attention to concepts and methods used in marriage and family therapy research. The object of this course is to assist students with becoming informed and critical consumers of research in the marital and family therapy field.

##### **Area VI - Supervised Clinical Training**

**MFT-7581(6) Supervised Marriage and Family Therapy** The content of this course is the supervision of marriage and family therapy. Student will learn to use supervision for professional development and to learn basic skills of therapy (e.g. joining with clients, contracting for services, creating interventions, and planning terminations). Supervision will be provided through a one-way window as well as through recordings and transcriptions of clinical sessions. Cases are assigned at Aurora Family Therapy Centre. Students conduct **100** hours of clinical interviews.

**PREREQUISITES:** Students normally complete the Theory Certificate before registering for this course.

**RESTRICTIONS:** This is a screened course and a 'Screened Program' Application is required which must be submitted in the month of March.

**MFT-7582(6) Supervised Marriage and Family Therapy** The content of this course is the supervision of marriage and family therapy. The objects of the course will be to enable the student to more efficiently use the skills that were introduced in the first level of training and to add such other skills and concepts as are appropriate. Supervision will be provided through a one-way window as well as through recordings and transcriptions of clinical sessions. Cases are assigned at Aurora Family Therapy Centre. Students conduct **120** hours of clinical interviews.

**PREREQUISITES:** The student has successfully completed MFT-7581(6).

**RESTRICTIONS:** A 'Screened Program' Application is required.

**MFT-7583(6) Supervised Marriage and Family Therapy** The content of this course is the supervision of marriage and family therapy. The object of the course will be to enable the student to expand his/her range of interventions and therapy concepts while maintaining the skills learned in sections MFT-7581(6) and MFT-7582(6) of the supervised program. Supervision will be provided through a one-way window as well as through recordings and transcriptions of clinical sessions. Cases are assigned at Aurora Family Therapy Centre or an approved clinical facility. Students conduct **135** hours of clinical interviews.

**PREREQUISITES:** The student has been granted standing as a Masters candidate and has completed courses MFT-7581(6) and MFT-7582(6).

**PREREQUISITES:** The student has successfully completed courses MFT-7581(6), MFT-7582(6) and MFT-7583(6).

**RESTRICTIONS:** A "Screened Program" Application is required.

# MASTER OF ARTS IN RELIGION (REL / RLG N)

Note: The University of Manitoba department/program code RLG N replaces the former code 020. Students cannot hold credit in RLG N XXX0 and the former 020.XXX having the same course number (e.g. RLG N 7040 and 020.704).

Graduate Chair - The University of Winnipeg  
Chair - Joint Discipline Committee - The University of Manitoba

Dr. A. Welter  
Dr. E. Alexandrin

The Department of Religion at the University of Manitoba and the Department of Religious Studies at The University of Winnipeg offer a joint Master of Arts program. The following are eligible to apply for admission to the program: graduates of the University of Manitoba holding a Honours BA degree in Religion; graduates of The University of Winnipeg holding an Honours or a 4-Year BA in Religious Studies; students who hold degrees equivalent to the Honours BA in Religion from other recognized universities or colleges; students who have completed a recognized pre-Master's program in Religion. Students who have courses with equivalent content or cognate courses in recognized departments or faculties other than Religion or Religious Studies may be given credit for up to 12 credit hours towards admission. To be eligible for admission, applicants must have achieved a cumulative grade point average of at least 3.0 (on a 4.0 point scale) in their last 60 credit hours of study and they must have completed a total of 60 credit hours in Religion. Breadth in preparation is expected as indicated by the description of the Honours or the 4-Year BA in Religious Studies in the UW Calendar or the Honours BA in Religion in the UM Calendar. Applications will be considered from Honours BA graduates in other disciplines with a strong background in Religion. Such students may be admitted at the pre-Master's level and required to complete a program of study to bring them up to the level of a Honours BA degree in Religion. Students completing the Joint MA Program in Religion will receive a joint parchment and may choose to convocate from either of the participating universities. Two types of programs are available:

**Thesis Option:** a minimum of 12 credit hours of course work including:

- a) Major Course - a minimum of 6 credit hours at the 7000-level.
- b) Ancillary course - a minimum of 6 credit hours at the 7000-level, 5000(UW)/4000(UM) or, in special cases, at the 3000-level.
- c) A thesis.

**Course and Comprehensive Option:** a minimum of 24 credit hours beyond the level required for admissions to the MA, with at least 6 credit hours to be ordinarily taken from each of the two Departments involved in the Joint Masters Program (JMP) in Religion, at least 18 credit hours to be taken at the 7000-level, and at least 18 credit hours to be taken in Religion. Students may take 6 credit hours at the 5000(UW)/4000(UM) level or in exceptional circumstances at the 3000-level, and this is usually chosen from an extra-departmental field or ancillary. Students can, however, elect to take all 24 credit hours from within the two Departments of the JMP in Religion. Students must demonstrate competence in Western Religions, World Religions, and Religion and Culture, with one of these areas to be designated the major area from which two graduate course are normally chosen. The other two are designated as minor areas, and usually a student will take one graduate course in each of these areas. An ancillary may be substituted for one of the minor areas of study.

In both programs the student is required to demonstrate reading knowledge of a second language. In the Thesis Option program, this reading knowledge normally must be demonstrated before the thesis proposal is reviewed.

Students must have 6 credit hours in Methodology from a recognized university or college. A student who does not have this training in methodology will be required to take either REL-5001(3) Method and Theory in the Study of Religion I: Social Scientific Approaches and REL-5002(3) Method and Theory in the Study of Religion II: Textual Interpretation UW, or RLG N 4470 Method and Theory in the Study and Interpretation of Religion UM or RLG N 4510 and RLG N 4520 Hermeneutics Western Traditions and Hermeneutics Eastern Traditions UM in addition to normal credit hours required for their program.

Note: University of Winnipeg Religious Studies courses carry an "REL" prefix; University of Manitoba Religion courses bear an "RLG N" prefix.

## COURSE OFFERINGS

The following list of seminar courses represents areas in which the Department offers graduate courses. Topics covered in individual courses vary from year to year. For information on current topics, please consult the Graduate Chair.

REL-7101(6) or RLG N 7040	Seminar in Biblical Religions
REL-7201(6) or RLG N 7050	Seminar in History of Christian Thought
REL-7301(6) or RLG N 7000	Seminar in the History of Religions
REL-7501(6) or RLG N 7010	Seminar in Religion and Culture
REL-7701(6) or RLG N 7060	Seminar in Comparative Religion
REL-7801(6) or RLG N 7070	Seminar in Religion in the Modern World
REL-7901(3) or RLG N 7020	Special Topics I
REL-7902(3) or RLG N 7030	Special Topics II

Please consult the Departmental Handbook regarding areas of research interest of individual faculty.

# MASTER OF PUBLIC ADMINISTRATION (POL / POLS)

**Note:** The University of Manitoba department/program code POLS replaces the former code 019. Students cannot hold credit in POLS XXX0 and the former 019.XXX having the same course number (eg. POLS 3950 and 019.395).

Joint Discipline Committee:

Chair - The University of Manitoba

Associate Chair - The University of Winnipeg

Dr. K. Speers

Dr. L. DeRiviere

This Master's program is offered jointly by the Department of Politics of The University of Winnipeg and the Department of Political Studies of the University of Manitoba. Unless otherwise specified by particular agreements attached to its creation, the program is governed by the general procedures and regulations devised by the two universities for joint Master's programs.

The objective of the program is to provide students, both full- and part-time, with a sound knowledge of Public Administration. The approach is interdisciplinary, although courses in Politics/Political Studies are emphasized. The core exposes all students to a common set of courses designed to encourage both innovative and integrative perspectives. The Public Administration emphasis allows interested students to obtain knowledge of both the theory and the practice of government organizations, including knowledge of the political, economic, social and other contexts in which they operate.

## Admissions (Deadline January 15)

Applicants for admission to the program must be the following:

- a) a person holding a recognized 3- or 4-year General or Advanced Bachelor's degree (BA, BSc, BES, etc.) with a cumulative grade point average of 3.0 or better in the last two years (60 credit hours) of undergraduate coursework; or
- b) persons holding a recognized 4-year Honours Bachelor's degree (or equivalent) with a cumulative grade point average of 3.0 or better in the last 60 credit hours of coursework; or
- c) persons who do not hold an undergraduate degree, but who have attained positions of marked responsibility in either public or private sector management, and who have a demonstrated record of outstanding performance in their career. Admissions in this category will normally be restricted to one or two students per academic year.

Applicants are expected, but not required, to have some formal course background in public administration or economics. Each student is required, at the time of making application for admission to the program, to submit a statement of career objectives (approx. 200 words). Should the number of qualified applicants exceed the number of places available in the program, selection will be made on the basis of academic background and standing, work experience and career objectives.

## Program of Studies

1. 2-Year MPA Program - 48 credit hours:  
Students who are admitted as graduates of a general Bachelor's degree program or who are admitted as exceptional candidates not holding an undergraduate degree are required to satisfactorily complete an academic program consisting of a minimum of 48 credit hours. Within the 48 credit hours, 27 credit hours must be taken from among the Core Courses and a further 21 credit hours from among the approved options. All students must complete up to 18 credit hours at the 700/7000-level, including the 700/7000-level core courses. A student may elect, with permission, to write a Master's thesis in lieu of 12 hours of 700/7000-level credit.
2. 1-Year MPA Program - 24 credit hours:  
Students who are admitted as graduates of an Honours Bachelor's degree (or equivalent) are required to satisfactorily complete an academic program consisting of a minimum of 24 credit hours. Students who, prior to admission, have not completed 24 credit hours in courses equivalent to those designated as 400/4000 level Core Courses, or have not completed appropriate option course equivalents, will normally be required to complete the appropriate course(s) in addition to the 24 credit hour program minimum. All students must complete up to 18 credit hours at the 700/7000-level, including the 700/7000-core courses. A student may elect, with permission, to write a Master's thesis in lieu of 12 hours of 700/7000-level of option course work.
3. Co-operative Education Option - 6 credit hours:  
Students engaged in full-time study in either the 2-Year MPA program or the 1-Year MPA program are eligible to apply for the full-time co-operative education option on satisfactory completion of their first year of full-time MPA studies (24 credit hours). The co-op option consists of two 13-week work terms which can be taken consecutively or separately. Each work term carries 3 hours of course credit and each must be satisfactorily completed as part of the co-op option. Students in the 2-Year MPA program with a co-op option must therefore complete a minimum of 54 credit hours as part of their degree requirements. Students in the 1-Year MPA program with a co-op option must complete a minimum of 30 credit hours as part of their degree requirements. (Students intending to apply for

the MPA Co-op option should read the detailed option description below).

4. All students must maintain a B (3.0 GPA) average, with no grade lower than a C+ (2.5 GPA).
5. Students who satisfactorily complete their program with coursework (or coursework plus co-operative education work terms) complete the MPA degree requirements with written comprehensive examinations and an oral examination.
6. Students who satisfactorily complete their program with coursework and a Master's thesis (or coursework, co-operative education work terms and a Master's thesis) complete their MPA degree requirements with a Master's thesis oral defence.

## Co-operative Education Option in Public Administration

Director: Dr. P. Thomas

The Co-operative Education option in the Master of Public Administration program combines full-time academic study with the benefits of practical work experience, largely in the public sector. A full-time student who has completed one academic year in good academic standing will be eligible to engage in full-time employment. The program requires the successful completion of 2 work-terms of 13 weeks each. The work terms provide students with practical experience, enriched knowledge in an area of policy specialization, industry-standard remuneration, and guidance in career choices.

## Application and Eligibility

Application for the co-operative education option in the Master of Public Administration (MPA) program is part of the normal application process for the MPA program as a whole. The co-operative education option is restricted to those who apply for full-time study in the MPA. Students who are accepted into the MPA with a co-operative option must, in their first academic year, successfully complete required non-credit courses in addition to their full-time academic course load.

## Work Terms and Continuance

On entry to the MPA program, applicants accepted for the co-op option must arrange their program with the Director of

co-operative education in the MPA program and take part in a competitive job-matching process conducted in an Employers' Forum. Students who are eligible for co-op, but who are not matched with a co-op work term, will be able to continue in the regular MPA program. Co-op students who have successfully completed one full academic year of course work, and the required non-credit courses, and who have satisfied the MPA requirements for continuation in the program, will be eligible to engage in their first work term placement.

Each work term is 13 weeks duration and each work term carries 3 hours of course credit for which registration is required. Co-op students are considered to have full-time student status while engaged in a work term placement. Co-op students must successfully complete two work terms in addition to their academic program. Work terms are evaluated in terms for job performance and assigned written work (project or practicum). The final grade for each work term will employ the GPA scale which is used by the MPA program. The course and grade requirements (B average overall and no course less than C+) for the co-operative education option are those which govern the MPA program as a whole. If a co-op student fails to maintain these requirements, he or she will be permitted one make-up work term attempt. If a student fails to meet the requirements on the make-up attempt, he or she will be required to withdraw from the MPA program.

### Co-operative Education Work Term Courses

Students in the co-operative education option must take 6 credit hours from:

POLS 6500 Co-operative Education Work Term I  
 POLS 6510 Co-operative Education Work Term II  
 POLS 6520 Co-operative Education Work Term III

### Core Courses (27 hours of credit)

Students in the two-year MPA program are required to take 27 credit hours in core courses. Students in the one-year MPA program are required to take Theory and Practice of Public Administration (019.737 or POL-7300(3) and POL-7305(3)) or the Seminar in Public Administration (019.777) and, subject to paragraph 2 above, an additional 18 credit hours in 700/7000-level courses or their equivalent. The number of credit hours for each course is shown in parentheses.

Students must take:

POLS 3950(3) Research Methods in the Study of Politics  
 POL-4301(6) Administrative Theory

In addition, students must take 6 credit hours from:

ECON-3303(3) Economics of Public Expenditures  
 ECON-3304(3) Economics of Taxation  
 ECON.3370(6) Public Finance  
 POLS 4660(6) State in the Economy  
 POL-4415(6) State and Economy

Plus 6 credit hours from:

POLS 4860(6) Canadian Policy Process  
 POL-7320(3) Seminar in Public Policy Process  
 POL-7325(3) Seminar in Public Policy Issues

and 6 credit hours from:

POLS 7370(6) Seminar in Theory and Practice of Public Administration  
 POLS 7770(6) Seminar in Public Administration  
 POL-7300(3) Theory and Practice of Public Administration I  
 POL-7305(3) Theory and Practice of Public Administration II

### Further Coursework

With the approval of the Chair of the JDC, and other approval as may be required, courses may be chosen from the following list or from, for example, offerings in Economics, Geography, Management, Psychology, Sociology, etc.

POLS 3910 (3) Applied Statistical Analysis  
 POLS 4150 (3) Indigenous Governance  
 POLS 4370 (3) Comparative Public Administration  
 POLS 4470 (3) Managing Modern Government  
 POLS 6010 (6) Manitoba Legislative Internship Seminar  
 POLS 7340 (3) Canadian Government  
 POLS 7350 (3) Canadian Democracy  
 POLS 7470 (3) Strategic Human Resource Management in Government  
 POLS 7720(6) Comparative Government  
 POLS 7550(3) Contemporary Issues in Canadian Politics  
 POLS 7610(3) Political Theory and Contemporary Issues  
 POLS 7910(6) Multivariate Research Methods  
 POL-4305(3) Administrative Law  
 POL-4310(6) Equity and Human Resources  
 POL-4315(3) Strategic Planning in Organizations I  
 POL-4320(3) Strategic Planning in Organizations II  
 POL-4505(6) Politics of Urban Planning  
 /POL-7505(6)  
 POL-4400(6) Seminar in Canadian Politics  
 POL-4405(6) Seminar in Manitoba Politics  
 POL-4410(3) Seminar in Women in Politics  
 POL-7331(6) Directed Readings in Public Administration  
 POL-7335(3) Directed Readings in Public Administration  
 POL-7310(6) Special Topics Seminar in Public Administration  
 POL-7315(3) Special Topics in Public Administration

A student may elect, with permission, to write a Master's thesis in lieu of 12 credit hours of 700/7000-level course work.

Course descriptions for courses offered at The University of Winnipeg may be found under the listings for Politics (see *Course Descriptions*). For details consult the program brochure.

# XI

## FACULTY OF THEOLOGY

### 1. Mission Statement

### 2. Overview of Programs

- a) Master of Arts
- b) Master of Divinity
- c) Bachelor of Theology
- d) Master of Sacred Theology
- e) Certificate in Theology
- f) Certificate in Theology & Spiritual Care

### 3. Associated Institutions & Programs for

### Theological Education

- a) Dr. Jessie Saulteaux Resource Centre
- b) The Centre for Christian Studies
- c) Supervised Pastoral Education
- d) Programs in Spiritual Direction

### 4. Winnipeg Theological Cooperative

### 5. Related Academic Partnerships

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### 1. Mission Statement

The Faculty of Theology serves our multi-faith, multi-cultural, and multi-denominational communities by providing graduate study and theological programs to equip leaders for the ministries of faith, justice, peace, and healing.

#### Implementation of the Mission Statement

We seek to carry out our mission in the following ways:

- We partner with other schools, centres, and programs to provide a multi-faceted and integrated approach to education for leadership.
- We promote critical reflection through teaching, research, and writing that is contextual and global in perspective, that is liberating, and that leads us to live with respect in creation.
- We create a safe and supportive community of learning that values diversity.
- We seek peace and justice especially through our programs in interfaith cooperation, partnerships with Aboriginal communities, education for ethnic church leadership, and the Peace and Justice concentration in our Master of Arts program.
- We facilitate healing in our communities through programs in Family Therapy, Pastoral Education and Counselling, Spirituality and Spiritual Direction, and for Elders in community organizations.
- In all our work we build on the historic contributions of the United Church of Canada and its founding denominations, and we are committed to theological education and to the liberating gospel of Jesus Christ.

**Note:** The Faculty of Theology publishes a separate Calendar, which may be obtained from The Faculty of Theology Office. The Faculty reserves the right to change policies and procedures at any time after the publication of this Calendar. Please consult the Faculty for the most current information, in the Bryce Hall office, by phone at (204) 786-9390, or Toll Free (North America) 800-679-8496, email at [theology@uwinnipeg.ca](mailto:theology@uwinnipeg.ca) or website at [theology.uwinnipeg.ca](http://theology.uwinnipeg.ca).

### 2. Overview of Programs

#### a) Master of Arts (MA)

The Master of Arts is an academic degree for students interested in pursuing theological study at a graduate level. This is a relatively new degree program in the Faculty of Theology, and various streams of study continue to be developed. Currently there are four areas of concentration:

1. Peace and Justice Studies;
2. Theological Disciplines (Including Pastoral Theology);
3. Spirituality and Spiritual Care (Including Pastoral Education); and
4. Applied Ministry (Centre for Christian Studies)

#### Admission Requirements

Normally, admission to the Master of Arts in Theology will require a four year baccalaureate degree from the University of Winnipeg or from another university recognized by the Association of Universities & Colleges of Canada (AUCC) or the equivalent, with a minimum grade point average of 3.0. Academic records and, where appropriate, a prior learning assessment will be used to determine suitability of an applicant for admission into graduate studies. Any student who qualifies academically is welcome to enter the program regardless of religious affiliation or faith stance. Language prerequisites may be required as appropriate for the chosen field of study. Applicants lacking appropriate preparation for Masters-level courses may be able to work out a preparatory program to qualify for admission. Students must consult with a member of the Department in planning their course of study.

**Note:** An interview with the Registrar/Director of Life-Long Learning may be required.

### **Program Requirements**

The program requires the equivalent of two years of full time study (60 credit hours). In some cases advanced standing may be given, but a minimum of 33 credit hours must be taken at the Masters level at The University of Winnipeg Faculty of Theology. The remaining 27 credit hours may be completed at either The University of Winnipeg, Faculty of Theology, one or more of the Cooperative partners, or by Letter of Permission at another accredited institution approved by the Faculty of Theology.

In some cases advanced standing may be granted for appropriate graduate level credits as reviewed with the Faculty of Theology Registrar/Director of Life-Long Learning. No advanced standing upon admission will be given for undergraduate courses, or courses applied to a previous degree. For the core curriculum, equivalent courses in alternative scriptural and religious traditions may be substituted with authorization of the Academic Council of the Faculty of Theology. The degree may be completed on a part-time basis.

Candidates normally complete the work for this degree within a six year period (including thesis), which may be extended through written permission from the Faculty.

#### **b) Master of Divinity Program (MDiv)**

The Master of Divinity Program is primarily for those with an appropriate undergraduate degree who are preparing for a vocation in ministry. The Cooperative arrangement makes this multi-denominational program attractive to students in many traditions and particularly to those represented by the Church Colleges and the Faculty of Theology.

### **Admission Requirements**

The normal admission requirement for the MDiv program is a recognized Baccalaureate degree. Prospective applicants who are currently in pre-MDiv studies are advised to seek a basic general knowledge of past and present culture through studies in the humanities and natural and social sciences. Biblical languages, Latin, and modern languages such as German, French, and Spanish, are also valuable. Students from designated Bachelor of Theology degrees will be considered for admission.

Students with the equivalent of an Honours undergraduate degree (i.e., four full years in recognized post-secondary study) with a major in Religion could receive up to one year of transfer credit towards the MDiv (i.e., a student with both a completed BA and BTh).

The program requirements reflect a balanced MDiv program to be taken upon completion of most undergraduate degrees. The nature of the undergraduate degree, however, could result in some shifts in these requirements. Religion courses taken at the undergraduate level would not be given credit (except under the conditions noted above), but could result in exemptions from specific requirements. In some cases where the undergraduate degree is largely religion, a student may be advised to take some further courses in the humanities or social sciences. No advanced standing on entry may be given from courses applied to a previous degree. Upon acceptance, each student's earlier transcripts are evaluated by an Academic Committee to determine the program requirements for that student.

**Note:** An interview with the Registrar/Director of Life-Long Learning may be required.

### **Program Requirements**

The Master of Divinity requires 96 credit hours of course work or 32 half course equivalents. Advanced standing may be given in some cases but a minimum of 51 credit hours must be taken at the Masters level at the University of Winnipeg, Faculty of Theology or its Cooperative partners. The remaining 45 credit hours may be completed at either the University of Winnipeg, Faculty of Theology, one or more of the Cooperative partners, or by Letter of Permission at another accredited institution approved by the Faculty of Theology.

Candidates normally complete the work for this program within a seven year period, which may be extended through written permission from the Faculty.

Applicants who have completed their baccalaureate program over five years prior to application for admission into the MDiv program will be expected to provide evidence of their competence in the conventions of academic writing (style, footnoting, bibliographies etc.). Those applicants for the MDiv degree who have no written or other demonstrated competence in academic writing will be expected to complete an "Academic Writing" credit through the U of W Faculty of Arts within the first 12 months of the MDiv program.

#### **c) Bachelor of Theology (BTh)**

The Bachelor of Theology is offered to those who qualify through one of a number of streams: i) mature students without a baccalaureate degree admitted through the Cooperative, ii) aboriginal students in a cooperative program with the Dr. Jessie Saulteaux Resource Centre, iii) some students enrolled in the program of the Centre for Christian Studies. The Bachelor of Theology degree is available to students who do not currently hold a baccalaureate degree. Candidates normally complete the work for this program within a seven year period which may be extended through written permission from the Faculty. Students may enter the program under one of **THREE** Conditions:

##### **i) Mature Students / The Faculty of Theology**

The Bachelor of Theology is offered through the Cooperative in certain circumstances to mature students who complete one year in university bachelor level studies as well as 96 credit hours in the Faculty of Theology.

### **Admission Requirements**

Students who meet the entrance requirements for the Faculty of Arts and Science of the University of Winnipeg may be admitted to the BTh program.

**Note:** An interview with the Registrar/Director of Life-Long Learning may be required.

### **Program Requirements**

As prerequisite to admission to this program, the satisfactory completion of 30 credit hours of University of Winnipeg undergraduate course credits is required. Such courses for credit are to be completed in at least three subject areas, selected with consultation provided by the Faculty of Theology. No more than three of these courses (18 credit hours) may be taken at the 1000 level.

As well as the aforementioned prerequisites, the satisfactory completion of 96 credit hours as listed in the Master of Divinity program (See MDiv Program Requirements) constitutes the completion of the Bachelor of Theology program. In some cases advanced standing may be granted for equivalent educational experience as reviewed with the Faculty of Theology Registrar/Director of Life-Long Learning.

Applicants for the Bachelor of Theology degree who possess conventional prerequisites are expected also to provide evidence of their competence in the conventions of academic writing (style, footnoting, bibliographies, etc.). In most instances this may be done at the point of application by providing an academic paper completed in the previous 3 years. Otherwise applicants will be required to register and complete an "Academic Writing" credit through the U of W Faculty of Arts within the first 12 months in the BTh program.

#### **ii) Dr. Jessie Saulteaux Resource Centre / The Faculty Of Theology**

The Bachelor of Theology program provides theological education to Aboriginal people through the educational resources of the Aboriginal culture in the Dr. Jessie Saulteaux Resource Centre combined with the resources of the academic program in the University of Winnipeg.

The program is administered by the Faculty of Theology and is accountable to the Senate of the University of Winnipeg. Criteria for student selection, program planning and student guidance follow established Faculty of Theology procedures. An advisory committee including staff members from both the Faculty and the Centre manage the program.

#### **Admission Requirements**

Students who have been accepted into the Community Based Model for Native Training at the Dr. Jessie Saulteaux Resource Centre and who meet the entrance requirements for the Faculty of Arts and Science of the University of Winnipeg may be admitted to the BTh program.

#### **Program Requirements**

The satisfactory completion of the five year Community Based Model for Native Training Program of the Dr. Jessie Saulteaux Resource Centre, confirmed by the Senate of the University of Winnipeg.

The satisfactory completion of five full course equivalents at the University of Winnipeg in at least three subject areas, selected with consultation and counselling provided by the Faculty of Theology. No more than three courses may be at the 1000 level.

#### **iii) Centre for Christian Studies**

This degree program is a collaborative effort of the Centre for Christian Studies and the Faculty of Theology. Students who have been granted the "Diploma in Diaconal Ministries: Studies in Transformation and Action", and who have no prior university degrees, may apply to the Faculty for entrance to a particular program leading to the degree of Bachelor of Theology [academically equivalent to Master of Theology (Applied Ministry)]. While completing the comprehensive educational program of the Centre for Christian Studies, "Centre" graduates will have accumulated credits which will be applied to this degree.

#### **d) Master of Sacred Theology (STM)**

The Master of Sacred Theology degree is available for those who already have an MDiv or equivalent degree and who wish to continue their education for more effective leadership in ministry.

#### **Admission Requirements**

MDiv Degree or its equivalent with at least a C+ average from a recognized theological seminary.

Applicants may be required to demonstrate proficiency in a language appropriate to their chosen area of study.

Applicants may be required to complete additional qualifying work at the discretion of the Faculty.

Advanced standing may be given in some cases but a minimum of 30 credit hours must be taken at the Masters level at the University of Winnipeg or its Cooperative partners.

**Note:** An interview with the Registrar/Director of Life-Long Learning may be required.

#### **Program Requirements**

The STM requires a total of 48 credit hours of course work which includes 30 hours in an area of specialization. Of these 30 credit hours, 12 may be taken as Thesis Seminar or Thesis Writing. Those specializing in Pastoral Care and Counselling, Applied Theology, or Marriage and Family Therapy normally take 12 credit hours of supervised Practicum courses. A minimum average of B must be obtained.

Of these 48 credit hours, a minimum of 27 credit hours must be taken at the Masters level at the University of Winnipeg Faculty of Theology. The remaining 21 credit hours may be completed at either the University of Winnipeg, Faculty of Theology, one or more of the Cooperative partners, or by Letter of Permission at another accredited institution approved by the Faculty of Theology.

In some cases advanced standing may be granted for appropriate graduate level credits as reviewed with the Faculty of Theology Registrar/Director of Life-Long Learning. No advanced standing upon admission will be given for undergraduate courses, or courses applied to a previous degree. The degree may be completed on a part-time basis.

Candidates normally complete the work for this program (including thesis) within a six year period which may be extended through written permission from the Faculty.

#### **e) Certificate in Theology Program (CinT)**

The Certificate in Theology Program is of interest to persons who wish to further their understanding of faith and develop abilities in voluntary service.

#### **Program Requirements**

Upon application, students may receive credit for up to 5 transfer credits. In order to receive the Certificate, students are required to complete 5 of the credits and the Practicum under the auspices of the Faculty of Theology.



### **Completion of Ten Credits**

One credit consists of the equivalent of 24 hours of class time plus assignments given by the instructor. One credit may also be a 3 credit hour degree course (a one term course). A Practicum is a course of 180 hours or one unit of Supervised Pastoral Education.

### **Required courses**

Two credits in Scriptural Studies & two credits in Theology/Church History are required. The remaining courses may be chosen from: Scriptural Studies; Theology/Church History; Social Action/Justice; Christian Education/Worship/Leadership; Pastoral Care / Counselling / Communication; Spiritual Direction; and Directed Studies.

The Faculty of Theology offers Certificate in Theology courses in Winnipeg and in many centres throughout Manitoba/Northwestern Ontario. We would be happy to talk to you about offering a course in your area. A minimum of six people are needed to form a class. Ecumenical cooperation is encouraged. Please inquire about distance education opportunities.

#### **f) Certificate in Theology and Spiritual Care Program (CinTSC)**

The Certificate in Theology and Spiritual Care Program is designed to assist students in nurturing and developing their own personal and spiritual growth, and in developing or refining skills to contribute to the spiritual care of others.

### **Program Requirements**

Four credit hour equivalents and two completed SPE/CPE units constitute the work required. Upon application, students may receive transfer credit for up to two credit hour equivalents. In order to receive the Certificate, students are required to complete two of the credit hours equivalent to SPE/CPE units under the auspices of the Faculty of Theology.

### **Credit Hours**

One credit hour consists of the equivalent of 24 hours of class time plus assignments given by the instructor. One & half credits may also be obtained by completing a 3 credit hour degree course (a one tm course).

### **Required courses**

The four credit hour equivalents required must be drawn from four of the following areas: Scriptural Studies; Theology/Church History; Comparative Religions; Social Action/Justice; Christian Education/Worship/Leadership; Spiritual Care/Counselling; Spiritual Formation/Spiritual Direction; Professional Ethics/Biomedical Ethics. These four credit hour equivalents are in addition to the two required satisfactorily completed SPE/CPE units.

### **3. Associated Institutions & Programs for Theological Education**

The Faculty offers a number of options within the Theological Education Program, through its association with other institutions.

#### **a) Dr. Jessie Saulteaux Resource Centre**

The Dr. Jessie Saulteaux Resource Centre is a community-based Aboriginal Ministry Diploma Program for ordained or diaconal ministry preparation. In the five-year Diploma Program, education and training for ministry takes place (a) in two-week intensive Learning Circles (four times a year), when all the students gather together to study, and (b) in half-time ministry field placements. Students can work in a congregation, in outreach ministry, in social work or community development. Studies in the Learning Circles include all required topics to meet United Church standards, but Aboriginal history, culture and context are integrated throughout, and Aboriginal traditional teachings and spirituality are part of the curriculum. The centre has testamur with the United Church; students from other denominations are welcome in the Circle. Non-Aboriginal students interested in learning in an Aboriginal context may also take courses for interest or credit. Students enrolled in the Diploma Program are encouraged to take additional courses through the Faculty of Theology for a Bachelor of Theology.

#### **b) The Centre for Christian Studies**

The Centre for Christian Studies is a theological school of the United and Anglican Churches of Canada. The Centre's programs provide theological education for women and men who want to work with a focus on leadership development, education, pastoral care or social ministry within the Church, community and world. The Centre offers preparation for diaconal and lay ministry. Study at the Centre provides opportunity for integration of knowledge and experience, theory and practice, learning and action within a Christian context. There is a process of integrating personal growth, spiritual development, theological knowledge and practical skills with a concern for transformation and justice.

#### **c) Supervised Pastoral Education**

The Canadian Association for Pastoral Practice and Education (CAPPE), constituted in 1966, has three objectives:

1. to certify qualified educational Supervisors of Clinical Pastoral Education (C.P.E.) and Pastoral Counselling Education (P.C.E.);
2. to certify specialists in pastoral care and counselling;
3. to approve and accredit both education and service centres.

The Faculty of Theology offers credit courses in pastoral care and counselling in partnership with several centres accredited by CAPPE. Students may receive up to 12 credit hours for one unit through any one of the following centres:

Dauphin Regional Health Centre, Dauphin  
Headingley Correctional Institution, Headingley  
Riverview Health Centre, Winnipeg  
Roland United Church, Roland  
Brandon Regional Health Centre, Brandon

Selkirk Mental Health Centre, Selkirk  
St. Boniface General Hospital, Winnipeg  
St. Joseph's Care Group, Thunder Bay  
Victoria General Hospital, Winnipeg  
Seven Oaks General Hospital, Winnipeg

Additional information, including the CAPPE Student Handbook, is available from the Faculty Office or the above centres.

**d) Programs in Spiritual Direction**

The faculty has affiliations with programs in Spiritual Direction, including:  
Shekinah, a program of preparation for the ministry of spiritual direction;  
The Prairie Jubilee Program for Spiritual Formation & Spiritual Guidance.

**4. Winnipeg Theological Cooperative (WTC)**

In 1986 the Faculty of Theology, University of Winnipeg, developed the Master of Divinity (MDiv) program with the cooperation of the Canadian Nazarene College (CNC), the Canadian Mennonite Bible College (CMBC), and Concord College. Since then, the CNC has relocated to Alberta and other schools and centres have joined the Winnipeg Theological Cooperative (*originally referred to as the Consortium*).

The Cooperative is based on several operating principles:

- Offering theological education that is in accordance with the standards of The Association of Theological Schools (ATS)
- Recognizing the importance of each distinct tradition and ensuring that students become well acquainted with their own heritage
- Facilitating transfer of credit with other seminaries accredited by ATS
- Ensuring sensitivity to denominational interests

The Dean of Theology chairs Cooperative meetings with the assistance of all Cooperative members. The program and faculty are approved by the Council of the Faculty of Theology, the Senate, and the Board of Regents of the University of Winnipeg and the United Church of Canada.

To date, members of the Cooperative include:

- Canadian Mennonite University
- St. Benedict's Retreat & Conference Centre
- William and Catherine Booth College
- St. John's College
- Dr. Jessie Saulteaux Resource Centre
- St. Andrew's Parish (Thunder Bay)
- Centre for Christian Studies
- Prairie Jubilee Program
- St. Arseny Institute  
Manitoba Northwestern Ontario Synod - Elcic  
Providence College and Theological Seminary

**Home Institution:**

The Master of Divinity program is organized by the Winnipeg Theological Cooperative. Students may choose the Faculty of Theology as their "home institution" for community life and course guidance, or students may choose courses taught at several centres or colleges above.

**5. Related Academic Partnerships**

**1) Doctor of Ministry, St. Paul University, Ottawa**

Students in Western Canada will have access to this program through the Faculty of Theology of the University of Winnipeg. Students already registered in the Doctor of Ministry at St. Paul may, by arrangement with St. Paul and the Faculty of Theology, undertake Doctoral course work, thesis preparation and supervised doctoral projects. Students wishing to begin the program with St. Paul may be admitted to the program through the Faculty of Theology upon approval of St. Paul. Further enquiries may be directed to the Dean of the Faculty of Theology or the Registrar/Director of Life-Long Learning.

**2) Biblical Studies, Bat Kol Institute, Jerusalem**

In partnership with other international schools including the Gregorian Institute in Rome and St. Michael's College of the University of Toronto, The Faculty of Theology of the University of Winnipeg, provides opportunities for students to study scriptures from a Jewish perspective.

Bat Kol Institute is an international association of Christian women and men who are committed to study of the Word of God within its Jewish context, and who then incorporate these studies into their Christian self-understanding in a manner that respects the integrity of both traditions.

Each year 40 teachers and ministers participate in graduate level programs, one month of which is taught in Jerusalem, and accredited by more than a dozen international universities. The curriculum includes studies in Talmud, Midrash, Hasidic texts, Rashi, biblical geography and spirituality of the land.

# XII

## OTHER PROGRAMS

1. **The Division of Continuing Education**
  - Non-degree Programs
  - a. Community Programs Area
  - b. Information Technology Program Area
  - c. Professional Studies Program Area
  - d. Degree Credit Courses and Programs
2. **English Language Program**
3. **The Collegiate**
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5. **Centre for Distributed/Distance Learning**
  - a. Web Based TV courses
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  - d. University College of the North (UCN): Inter-University Services
6. **Research Institutes and Centres**
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  - h. Centre for Rupert's Land Studies (CRLS)
  - i. Centre for Sustainable Transportation
  - j. Winnipeg Institute for Theoretical Physics
  - k. Institute of Urban Studies (IUS)
  - l. Wii Chiiwaakanak Learning Centre
  - m. The Institute for Women's and Gender Studies
  - n. The Centre for Research in Young People's Texts and Cultures
7. **Brandon University Psychiatric Nursing Program**
8. **Engineering at the University of Minnesota Institute of Technology**

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### 1. The Division of Continuing Education

#### Non-degree Programs

The objective of the Division of Continuing Education is to facilitate the delivery of innovative and unique educational programs and courses, designed to effectively meet the specific needs of identified target audiences.

#### a. Community Programs Area

##### Educational Assistant Diploma Program

Courses and workshops provide students with the knowledge and skills to work as educational assistants in the Manitoba School System. Students in the diploma program may select courses in the following areas of the program: developmental; reading, writing and language; mathematics; behaviour; and computers. This program is offered both part-time and full-time.

##### 55 Plus Program

For over 30 years the University's Division of Continuing Education 55 Plus Program has offered an assortment of non-degree courses from the humanities, social sciences, and sciences. The program is the oldest program of its kind in Canada. It attracts over 500 students a year. Seniors have found this program an ideal way to remain intellectually active, physically fit, and on the leading edge of current affairs after retirement.

##### Gerontology Program

Gerontology is the discipline that studies aging systematically. The field of Gerontology offers excellent career opportunities in an area of growing social and economic significance. This new Program is designed to prepare students to better meet the needs of our rapidly growing aging population.

##### The Writer's Series

The Writer's Series is a collection of courses developed to suit the varied needs and interests of aspiring writers. The Writer's Series is for people who seek a supportive, non-threatening environment in which to hone their writing skills. It is a balanced program, with both creative fiction and non-fiction writing courses. Courses in the Series include Creative Writing, Poetry Workshops, Journalism, Feature Writing, and Travel Writing. All courses focus on creating polished writing, and marketing the finished product.

##### Introduction to University

This course is designed to familiarize students with the nature and demands of university study and help prepare them for the year ahead. Students will develop and practice study and time management skills, note-taking, essay writing, internet/library research skills, and strategies for exam preparation. Presented in a manner that parallels a typical university course, Introduction to University provides an ideal opportunity to give university a try and discover what it takes to succeed!

### **International Languages Program**

French, Spanish, Italian, German, Portuguese, Russian, Korean, Japanese, Mandarin Chinese, Arabic and Hindi are offered at a variety of levels through the Division of Continuing Education. These courses range from beginner to advanced levels (depending on enrollment). Classes focus on the acquisition of conversational skills and the grammatical structures and vocabulary needed to participate in conversations. Some practice will be given in reading and writing. Students enrolling for the first time can arrange for placement advising.

### **Indigenous Police Preparation Diploma Program (IPPD)**

This preparatory program will focus on the academic preparation, personal wellness, and physical fitness training necessary to meet the rigorous entrance requirements for a career in law enforcement. Program graduates will be equipped for the workforce with a transferable skill set that will open up opportunities in a variety of fields including regional, municipal and tribal police forces, corrections, and Justice departments.

### **Walking the Red Road**

The "Red Road" is a unique education and healing initiative that combines academic educators and Aboriginal Elders and Traditional People in the program delivery. The program utilizes a holistic approach integrating the mental, physical, and emotional and spiritual aspects of the individual in the learning process. In addition to classroom instruction and teaching circles/sharing circles, regularly scheduled sweat lodge ceremonies are held. This program is designed to reverse the negative effects of colonization, contribute to the healing of the participants and educate students on Aboriginal spirituality, culture, and history while stimulating interest in further education.

## **b. Information Technology Program Area**

The Information Technology Program Area (DCE-IT) offers hands-on training on various aspects of the Information Communications Technology area. We offer the advantage of learning the skills hands on within a small classroom and with supportive and knowledgeable instructors. DCE-IT is the place to start your IT career! Once you have completed one of our programs you are ready to enter the workforce or you can transfer into a degree program. Graduating from a program you are awarded many transfer credits, which is not only shortens the time it takes to earn a degree but gives you an edge.

### **Full-time programs include:**

#### **Internet Systems Specialist Diploma (ISSD) Program**

The ISSD is a 12 month long program including a one month long work practicum. Internet Systems Specialists are responsible for the design, development, research and maintenance of Internet, Intranet, and Extranet systems. The Internet Systems Specialist is an important new career, and will continue to be one as the Internet continues to expand. The complex nature of Internet systems requires a Systems Specialist with skills in a wide range of technology disciplines and Internet specific knowledge. Strong foundations in networking and application development are a must along with knowledge of Internet protocols, Internet security issues and Internet server management. Above all, Internet Systems Specialists must be creative in their approach to problem solving as they are often working on the leading edge and must continually strive to keep pace with new developments.

#### **Information Security & Management Diploma (ISMD) Program**

The ISMD Program is an intensive 7 month long program. The ISMD covers topics that blend skills in information security with strategic skills in management. It is designed to provide students with a comprehensive understanding of information security fundamentals and business knowledge. The program focuses on those areas and skill sets that reflect real industry requirements for Information Security Professionals. The program uses the Common Body of Knowledge as its foundation. The CBK is a compilation and distillation of all security information collected internationally of relevance to Information Security [IS] professionals.

### **Part-time training options include:**

#### **Computer Programming Certificate**

Upon completion of this program, learners will be able to:

- Develop Object-Oriented software solutions
- Write modular, well-constructed computer programs

#### **Web Design Certificate**

Upon completion of this program, learners will be able to:

- Apply basic programming theories
- Construct hypertext information system and user interface models
- Structure and design a website
- Use elements of design effectively

#### **Information Assurance and Security Certificate**

Upon completion of this program, learners will be able to:

- Understand the basic concepts of security, legislation, threats, policies, procedures, security management issues
- Understand key concepts of encryption
- Understand the concepts of counter measures, safeguards
- Understand the strategic, conceptual and pragmatic approach to incident response

#### **Business Systems Analyst Diploma**

Upon completion of this program, learners will be able to:

- Assess physical and technical security risks to data, software and hardware, and develop policies, procedures and contingency plans to minimize the effects of security breaches
- Conduct independent third party reviews to assess quality assurance practices, software products and information systems
- Confer with clients to identify and document requirements, conduct business and technical studies, design, develop, and implement business solutions
- Provide advice on information systems strategy, policy, management and service delivery

#### **Web Development Diploma**

Upon completion of this program, learners will be able to:

- Build Websites using database driven technologies
- Create efficient user interfaces
- Develop applications that will function over any distributed networking scheme
- Identify current trends in the IT industry

- Identify the characteristics of a successful e-Business
- Use programming languages tailored for the internet

#### **Internet Site Administration Diploma**

Upon completion of this program, learners will be able to:

- Administer an internet server
- Analyze website projects for security and efficiency
- Troubleshoot PC and network hardware
- Understand basic e-Commerce site development
- Understand networking theory, and internet security concepts and policies
- Understand popular network and multi-user operating systems

#### **Network Security Diploma**

Upon completion of this program, learners will be able to:

- Understand network theory and security applications on the Internet
- Organize and design security policies
- Protect and construct secure networks
- Detect and counter-attack any possible threats
- Understand hardware components

#### **Database Administration Diploma**

Upon completion of this program, learners will be able to:

- Build and analyze data models
- Construct and administer a database
- Create small applications to extract data from the database
- Maximize database efficiency
- Transfer data into a Web format
- Understand networking theory and high-end operating systems

#### **Software Development Diploma**

Upon completion of this program, learners will be able to:

- Develop scalable software solutions for business, education and other areas
- Perform analysis and design of Information Systems
- Utilize the Object-Oriented approach to programming

DCE-IT can work with an organization to create new courses, modify existing courses to meet specific needs, or develop a partnership program aimed at training a dedicated group of staff in private customized sessions.

In order to keep up with the rapid advancements of technology and ensure that our students are proficient in the skills desired by employers, the IT Program area has created the Information Technology Program Advisory Council (ITPAC).

ITPAC is a diverse cross-section of IT specialists from both the private and public sectors, IT sector education and job market analysts, and representation from The University of Winnipeg's Applied Computer Science Department.

### **c. Professional Studies Program Area**

#### **Aboriginal Management Certificate Program**

This program is designed to provide individuals with the skills, knowledge and awareness required for positions in management.

Students will gain a solid understanding of the fundamentals of business management and of traditional leadership in order to deal with the complex issues facing Aboriginal communities and organizations today.

#### **Advanced Diploma in Leadership in Early Childhood Care and Education Program**

The Advanced Diploma in Leadership in Early Childhood Care and Education Program is the collaboration between the Division of Continuing Education and the Faculty of Education. The Advanced Diploma is a leadership program designed specifically for early childhood professionals wanting to enhance their administrative abilities or to learn how to exercise a leadership role in the early childhood care and education system. The capstone of the diploma is the advanced internship. Students will be placed with key government offices or advocacy organizations and have the opportunity to exercise their own emerging leadership skills. Students will also observe how early childhood research informs public policy, how systems develop, and how early childhood leaders affect change in the process.

#### **Arts and Cultural Management Program**

The Arts and Cultural Management Certificate Program is a program available to individuals currently working in or wanting to work in Canada's arts and cultural sector. This program is designed to build the business and leadership skills necessary to manage and nurture creative activity in stable cultural organizations. In addition, this program provides business and leadership training for self-employed artists and cultural workers.

#### **Human Resource Management Diploma Program**

The Human Resource Management Diploma Program is designed to help students develop practical, theoretical and human resource-specific skills to work in a human resource function. It combines essential business and communication skills with current human resource theory and practical human resource skills and techniques. The program's curriculum is aligned with the core competencies required to write the Certified Human Resource Practitioner (CHRP) Knowledge Exam. The CHRP is the highest level of certification in the human resource management in Canada. The Division of Continuing Education offers the Human Resource Management Diploma Program in both part-time and full-time formats.

#### **Management Certificate Program**

The Management Certificate Program is a leadership program designed for business professionals seeking to actualize their career goals and develop the practical and theoretical skills to be more effective managers. Students explore current business trends and develop skills to adapt to a changing and more competitive business environment. The Program emphasizes soft skills such as leading and motivating employees, communication and problem-solving. The Division of Continuing Education offers the Management Certificate Program in both part-time or full-time formats.

#### **Marketing Management Diploma Program**

The Marketing Management Diploma Program provides students with the specialized knowledge and increased skills required for this fast paced and constantly changing profession. The program is designed for individuals wanting to learn how to develop marketing strategies, make marketing-related decisions, and solve marketing problems. The Division of Continuing Education offers the Marketing Management Diploma Program in both part-time and full-time formats.

### **Professional Edge Seminars**

An exciting and dynamic part of the Professional Studies Program Area, the Professional Edge Series is designed to respond to the critical issues facing managers. The seminars provide exposure to practical, new and profitable ideas. These seminars are characterized by limited enrollment to ensure the high degree of interaction necessary for a quality learning experience. The Professional Edge Series provides a timely and convenient professional development opportunity for busy professionals. By providing the latest information and techniques available, the seminars address those operational and human resource issues presently facing managers and professionals. In addition, the Series also offers more conceptually based seminars to provide information and generate discussion for the purpose of developing managerial strategies for the future.

### **Public Relations Diploma Program**

The Public Relations Diploma Program is designed for individuals wanting to develop an understanding of the various functions within the public relations sector and to develop the tools for practical application. Students develop the basic skills to respond to current trends and issues that impact on communications professionals. The Division of Continuing Education offers the Public Relations Program in both part-time and full-time formats.

### **Graduate School Admission Test Preparation**

The Division of Continuing Education, in partnership with Stanley H. Kaplan International, now offers test preparation courses for students applying to Law, Medical, Dental, and Business Schools. In an increasingly competitive environment, graduate school admission decisions are based heavily on the results of standardized tests like the LSAT, MCAT, DAT, GRE and the GMAT. These preparation courses combine high-quality instruction and comprehensive self-study learning materials. For more information on the test preparation courses offered by the Division of Continuing Education and Kaplan, call 1-800-KAP-TEST.

### **d. Degree Credit Courses and Programs**

The following are certificate and diploma programs with degree credit articulation:

Aboriginal Management Certificate Program, up to a maximum of 12 credit hours  
Advanced Diploma in Early Childhood Care and Education, up to a max. of 15 credit hours  
Educational Assistant Diploma Program, up to a maximum of 15 credit hours  
ESL Teacher Certificate Program, up to a maximum of 6 credit hours  
Human Resource Management Diploma Program, up to a maximum of 36 credit hours  
Internet Systems Specialist Diploma Program, up to a maximum of 21 credit hours  
Introduction to University, 3 credit hours  
Management Certificate Program, up to a maximum of 15 credit hours  
Marketing Management Diploma Program, up to a maximum of 15 credit hours  
Public Relations Diploma Program, up to a maximum of 21 credit hours  
Full-Time Public Relations Management Program, up to a max. of 30 credit hours  
Indigenous Police Preparation Diploma Program, up to 15 credit hours to Criminal Justice Studies.

**Note:** Specific information on each of these programs may be found in brochures, available from the Division of Continuing Education. For more information on any of the above programs, please contact the Division of Continuing Education located at 294 William Avenue, telephone 982-6633, fax 944-0115, World Wide Web: <http://www.dce.uwinnipeg.ca/>.

## **2. English Language Program**

### **English as an Additional Language (EAL)**

Courses are open to international students with an appropriate visa, visitors to Canada, and Canadian citizens and landed immigrants seeking to improve their proficiency in English. The full-time program is accredited with the Canada Language Council.

### **English as a Second Language Teacher Certificate Program (ESLTCP)**

The ESLTCP is a eight-week, intensive program focused on the theory, methods and techniques for teaching English. The program is designed for individuals who are currently teaching English as a second/additional language but have had little education in the field, have switched into English language teaching from other subjects, wish to upgrade their language teaching skills, would like to begin a new vocation in English language instruction, or would like to teach abroad. The program includes 100 hours of classroom instruction focused on TESL theory and methodology and a twenty-hour supervised practicum. The program is accredited with TESL Canada.

\*Students can take the program on a full time or part time basis.

For more information about the eligibility criteria and to request a registration package, please contact Liz Choi at [a.choi@uwinnipeg.ca](mailto:a.choi@uwinnipeg.ca) or (204)982-1141.

### **English Communication for Internationally Educated Teachers**

*English Communication for Internationally Educated Teachers* is a part-time course for teachers who obtained their teaching credentials outside of Canada but wish to pursue a career in the K-12 education system in Manitoba. The course is designed to assist participants with acquiring communication skills for the classroom context and to gain knowledge of the K-12 system. Classes also include general English skill building to help participants progress towards a higher language level in English.

### **English for Specific Purposes:**

#### **English for Internationally Educated Accountants**

This is a 12 week part-time program that focuses on the functional language needed for success as an accountant working in Manitoba and in field-specific academic programs such as the **Accelerated CGA** program, the mainstream **CGA** program, **CMA** and **CA**. Students also learn about cross-cultural awareness, especially as it applies to the workplace. Upon completing the course, it is expected that students will have the language skills they need to be independent and successful in their professional or academic careers. If you are a permanent resident of Canada with a Canadian Language Benchmark of 6 or higher, there is no fee for this program.

#### **Language and Communication for Internationally Educated Agrologists**

This 20 week part-time program focuses on the language skills needed for success in practising agrology in Manitoba and in-field specific academic programs, such as the **IEAP Program**. Students also learn about cross-cultural awareness, especially as it applies to the workplace. If you are a permanent resident of Canada with a Canadian Language Benchmark of 7 or higher there is

no fee for this program.

### **English for Engineering Professionals**

#### **Classroom Program:**

This is a 12 week, part-time program for engineers who obtained their engineering degree(s) outside of Canada, but wish to pursue a career in a field of engineering in Manitoba. The program focuses on the functional language and cross-cultural awareness needed for success at engineering firms, at the job site, at college or university programs, the **IEEQ Program**, or in academic level ESL programs such as **AEPUCE**. The classroom program will focus on occupation-related speaking, listening, reading, writing, guest speakers who will discuss engineering and communication topics, multi-media materials for language practice, and "culture and communication" topics. The anticipated outcome is that students will have the language skills necessary to independently facilitate their own successful participation in further professional or academic activities. This course is for internationally educated engineering graduates living in Manitoba who speak English as an additional language. Participants must speak English at a CLB level of 7 or higher. There is no fee for this course for qualifying individuals.

#### **Online Program:**

This program is for students who **live outside Winnipeg** or due to **special circumstances** cannot attend the classroom program. Lessons are accessed on the website and assignments are submitted to the tutor. Tele-conferencing, web-chats, and forums complement this program. If you are a permanent resident of Canada with a Canadian Language Benchmark of 7 or higher, there is no fee for this Program

### **English for IT Professionals**

Current estimates suggest that the Canadian Information and Communication Technology (ICT) labour market is vastly growing. There is a short supply of qualified ICT workers and the integration of Internationally Educated Professionals (IEP) is essential in meeting this demand. This program seeks to provide communication and language training that will prepare IEP's for this opportunity and to ensure success. This 12 week part-time program is free of charge for internationally educated professionals living in Manitoba with a Canadian Language Benchmark of 7 or higher.

### **University Preparation Program for Newcomers**

This part-time program is designed for individuals who wish to attend the University of Winnipeg as a student and whose first language is not English. This is an intensive study program intended to build on the English skills of permanent residents living in Manitoba who speak English at a CLB level of 7 or higher. The program will prepare participants for the academic demands of the University.

**For more information** about the eligibility criteria **and to request a registration package, please contact Paul Vieira at [p.vieira@uwinnipeg.ca](mailto:p.vieira@uwinnipeg.ca) or (204) 982-6636.**

## **3. The Collegiate**

The Collegiate offers Grades 9,10, 11 and 12 of the Manitoba High School curriculum. Students may apply for concurrent studies, taking a partial first-year Arts and Science program while completing the high school subjects necessary to meet Regular Status admission requirements at The University of Winnipeg. The Collegiate's programs are published separately and may be obtained from The Collegiate Office, Room1W02, Wesley Hall (786-9221) or <http://www.uwinnipeg.ca/collegiate/>.

## **4. Menno Simons College**

### **Overview**

Menno Simons College (MSC) is a learning community rooted in the Anabaptist-Mennonite tradition. MSC educates students for the challenges of addressing conflict, inequality, and poverty.

The faculty is committed to excellence in teaching, research and service through programs in Conflict Resolution Studies and International Development Studies. Grounded in a particular Christian tradition, MSC welcomes students from all backgrounds, and serves as a meeting place where diverse communities gather to address critical local and international issues in a spirit of appreciation for different perspectives.

### **Programs of Study**

MSC coordinates two programs that are fully integrated into The University of Winnipeg curriculum: Conflict Resolution Studies and International Development Studies. Students can choose a 3-Year or 4-Year major in either area, BA Honours in IDS, or take Conflict Resolution and International Development courses as electives for other U of W programs. (See program descriptions in this Calendar.)

The two majors prepare students for involvement in developing regions and conflict situations in community, organizational, and international settings. The flexibility of these programs allows for double majors, and students are encouraged to combine one of these majors with another discipline.

### **Features of MSC Programs**

- Conflict Resolution Studies and International Development Studies include supervised field experiences, involving students in local and international projects.
- Financial assistance is available for a limited number of international placements.
- Small class sizes are maintained for optimum learning environments.
- A variety of special scholarships are available to CRS and IDS majors.
- The faculty consists of 13 full-time and a variety of part-time instructors, chosen on the basis of their specialized expertise and applied experience.
- Specialized academic advising is available for CRS and IDS majors.
- Services that complement the academic programs and enhance the University experience, such as resource lists, community lunch events, a student's association, and career exposure activities, are offered.

### **Organizational Information**

Menno Simons College offered its first courses in affiliation with The University of Winnipeg in 1989, and has grown steadily since that time. Degrees in Conflict Resolution Studies and International Development Studies are granted by The University of Winnipeg. Students register for Menno Simons College courses/majors through The University of Winnipeg.

Menno Simons College maintains a close relationship with the Chair of Mennonite Studies at The University of Winnipeg, offering students additional options for their programs.

MSC is also a College of Canadian Mennonite University, a degree-granting institution located in Winnipeg. Procedures are in place to enable CMU students to register for courses at The University of Winnipeg and enjoy the benefits of libraries at both universities. Additional courses in CRS and IDS are available through Canadian Mennonite University.

#### **Faculty**

The College has an interdisciplinary faculty with backgrounds in conflict resolution, economics, geography, history, law, peace studies, politics, psychology and sociology. (A complete listing of faculty is contained in *General Information*.)

#### **Administration**

Vice President Academic	Earl Davey, PhD
Dean	Paul Redekop, PhD
Associate Vice President/Practicum Coordinator	Ruth Taronno, MA
CRS Program Coordinator	Neil Funk-Unrau, PhD
IDS Program Coordinator	Ray Vander Zaag, PhD

#### **For more information:**

Menno Simons College:  
Suite 210 - 520 Portage Ave  
Winnipeg, MB R3C 0G2  
Tel. 204-953-3855  
Fax 204-783-3699  
[www.mscollege.ca](http://www.mscollege.ca)

### **5. Centre for Distributed/Distance Learning (CDDL)**

<http://ddl.uwinnipeg.ca>

The Centre for Distributed/Distance Learning is now a part of the new Centre for Teaching, Learning and Technology.

#### **a. Web Based TV Courses\***

For the current course lectures including a playback list via Web Based TV, please visit Video on Demand on the internet at: [vod.uwinnipeg.ca](http://vod.uwinnipeg.ca)

Video on Demand courses use the internet as the primary delivery method. The "Studio" class lectures (instructor and students) are recorded live and seamlessly streamed online for playback by students or download to your desktop or video iPod. Students require high-speed internet access. Web Based TV courses are available 24/7. Students are responsible for attending, watching, or downloading Web Based TV lectures.

Section numbers for these courses will usually be:

#### Studio Classroom 1L10 – on-campus

Section 758 – (Fall & Fall/Winter)

Section 759 – (Winter)

#### Urban Winnipeg

Section 750 (Fall & Fall/Winter)

Section 752 (Winter Courses)

#### Selected Rural and Remote Manitoba Communities

Section 751 (Fall & Fall/Winter)

Section 753 (Winter courses)

#### **b. Learning Management Systems – Online Courses (via WebCT or LEARN)\***

The University utilizes two different learning management systems to offer a number of Arts, Science and Business courses online. Students should look for these courses in WebAdvisor or the current Course Timetable (PDF). Section numbers for these courses will usually be 760 (Fall and Fall/Winter Online Course Offerings) or 761 (Winter Online Course Offerings).

**\*Note:** All general University rules and regulations apply to Web Based TV and Online courses. Students should consult and be guided by the University of Winnipeg Course Calendar. Students are admitted and registered through the usual University of Winnipeg procedures. Advising on course selection is available by telephone, e-mail or on-campus from the Centre for Distributed/Distance Learning (CDDL), Academic Advising or Faculty.

#### **c. Campus Manitoba: Online and Computer-Mediated Courses**

Campus Manitoba is a consortium of Manitoba's public post-secondary institutions. Campus Manitoba usually operates in approximately sixteen rural centres each year. The University of Winnipeg offers a limited selection of first-year Arts & Science courses via the internet for online courses (asynchronous delivery) or on a VOIP (computer-mediated course – synchronous delivery) and graphics Learnlinc system. On-site Science labs are located in selected rural communities. These courses are intended for students living in rural and northern Manitoba. Students must be admitted and registered as Campus Manitoba students through their local Campus Manitoba Community Centre. Admission and registration are electronic. Section numbers for online courses will usually be 765 (Fall & Fall/Winter) or 766 (Winter). Each community has their own section number for the computer-mediated course offerings.

These computer-mediated courses have the same term start and end dates as all other University of Winnipeg courses. Please see <http://www.campusmanitoba.com>



#### **d. University College of the North (UCN): Inter-Universities Services**

The University of Winnipeg, in partnership with Brandon University and the University of Manitoba, offers Arts & Science courses to UCN students. Course delivery is primarily community-based and face-to-face. Students register with the University College of the North. Please see <http://www.ucn.ca>

For information on any of the above Programs, please call the Centre for Teaching, Learning and Technology at 204-786-9826. (Rural students may call collect.)

#### **6. Institutes, Centres and Canada Research Chairs**

##### **a. Aurora Family Therapy Centre**

Aurora Family Therapy Centre is a United Way of Winnipeg Agency Partner located on The University of Winnipeg campus where students in the Masters of Marriage and Family Therapy program complete the majority of their supervised clinical practice. Aurora offers therapy to families, couples and individuals from the general community on an ability-to-pay basis, seeking to promote interpersonal and personal well-being in clients, while nurturing the development of well-informed family therapists who will artfully care for families and faithfully promote hope, caring and creativity wherever they serve.

##### **b. Canada Research Chairs**

The Canada Research Chairs program stands at the centre of a national strategy to make Canada one of the world's top countries for research and development. Chairholders aim to achieve research excellence in natural sciences, engineering, health sciences, humanities, and social sciences. The University of Winnipeg continues to seek outstanding leaders who will create new synergies among researchers and across traditional disciplinary boundaries, and who push for innovation and research excellence. Currently, The University of Winnipeg has named six Canada Research Chairs:

Dr. Jacques Tardif, Canada Research Chair in Dendrochronology (awarded 2002, renewed 2007);  
Dr. Tom Carter, Canada Research Chair in Urban Change and Adaptation (awarded 2003);  
Dr. Jennifer Brown, Canada Research Chair in Aboriginal Peoples and Histories (awarded 2004);  
Dr. Mavis Reimer, Canada Research Chair in the Culture of Childhood (awarded 2005);  
Dr. Dawn Sutherland, Canada Research Chair in Indigenous Science Education (awarded 2006); and  
Dr. Charles Wong, Canada Research Chair in Environmental Toxicology (awarded in 2008).

##### **c. Eastman Education Centre**

Located on Loewen Blvd. in Steinbach, Manitoba, the Eastman Education Centre provides post-secondary education and training opportunities for youth and adults in South-East Manitoba. Opened in 2006, the Centre is 18,000 square feet and has 11 classrooms/computer labs as well as office space. Current education providers - including Red River College, Assiniboine College, Canadian Mennonite University and The University of Winnipeg - offer a variety of courses at the Centre. The University of Winnipeg has offered undergraduate courses at the Centre since January 2007. The EEC is a non-profit organization with charitable status; it's guided by a board composed of eight members from Steinbach and the surrounding area. For more information on the Centre and current course offerings, please visit [www@uwinnipeg.ca/index/eastman-index](http://www@uwinnipeg.ca/index/eastman-index)

##### **d. Centre for Forest Interdisciplinary Research (C-FIR)**

C-FIR is a research centre at The University of Winnipeg dedicated to the development of interdisciplinary research, education, and training in the areas of forestry, forest ecosystems, forest values and the human uses of forests. The intent is to assist all forest stakeholders to reach the goals of ecosystems-based forest management. C-FIR focuses on understanding the evolution of today's forests, the current conditions of the region's forests, the values of the public and special interest stakeholders for the forest, and using past and present information to assist in understanding future changes and impacts to the region's forests.

##### **e. The University of Winnipeg Global College**

The newly established Global College provides a place for research, dialogue, and action on issues of global significance affecting our local and international communities and offers valuable resources for participating students, faculty, community members, and visiting scholars. Falling under the umbrella of this College are: the Institute for Human Rights and Global Studies; the Institute for Health and Human Potential; the Institute for Women's and Gender Studies; the Institute for War-Affected Children; the Institute for Literacy and Transformative Learning; the Institute for Political and Cultural Studies of the Americas. The issues on the academic and events agenda are those encompassed by the mandates of the participating institutes and cover the broad scope of global citizenship and societal development. An international internship program is available to students on a competitive basis. More information is available at <http://globalcollege.uwinnipeg.ca>

##### **f. The Global Welcome Centre**

The University of Winnipeg, in partnership with Manitoba Labour and Immigration, recently established The Global Welcome Centre for the immigrant and refugee community in Manitoba. The Global Welcome Centre works with the community, high schools and adult learning centres in assisting immigrants with their transition to Canadian universities and colleges. Programs and services offered by the Centre include an Immigrant Access Advisor, Bridge-to-University Program, Mentoring and Tutoring Program, Transition Program as well as a Settlement and Employment Referral Program. In April 2008, the Global Welcome Center opened a study and computer lounge for students and the community, located within the Wii Chiiwaakanak Learning Centre, 511 Ellice Avenue. For more information, call the Centre at 204.258.2929 or email [globalwelcomecentre@uwinnipeg.ca](mailto:globalwelcomecentre@uwinnipeg.ca) or visit us on the web <http://globalwelcomecentre@uwinnipeg.ca>

##### **g. Centre for Innovation in Teaching and Learning**

The Centre for Innovation in Teaching and Learning is now a part of the new Centre for Teaching, Learning and Technology. It is a University resource for faculty and staff at The University of Winnipeg created to promote excellence and nurture innovation in teaching and learning. Located in Room 4C68, the Centre provides professional development opportunities and training related to all aspects of teaching and learning for faculty and staff members. Through presentations, lectures, workshops, and discussions, the Centre provides a forum on issues pertaining to teaching and learning. Through its Learning Technologies Lab, the Centre also provides expert advice, access to equipment and technical production assistance in support of teaching and learning. For more information, please contact Holly at 786-9826.

##### **h. Centre for Rupert's Land Studies (CRLS)**

The Centre for Rupert's Land Studies is unique in its focus on Rupert's Land, the vast Hudson Bay watershed region claimed by the Hudson's Bay Company from 1670 to 1870. We foster interdisciplinary research and conversation among all who share

an interest in the history and peoples of the Hudson Bay watershed, with particular emphasis on Aboriginal and fur trade history and the immense resources of the nearby Hudson's Bay Company Archives. Since 1984, the Centre has been a nexus for sharing information, new research, and perspectives through three major means:

- Biennial Colloquiums---informal conferences that have met in a wide range of settings linked to Aboriginal people and the fur trade.
- Publication of monographs, Colloquium proceedings, and Aboriginal oral history materials, for example, the stories of Louis Bird at [www.ourvoices.ca](http://www.ourvoices.ca). The Rupert's Land Record Society series of documentary volumes offers carefully researched original source materials for scholars, students, and communities. Subscribing members receive our biannual *Rupert's Land Newsletter*.
- Research assistance and networking provided to members and others across North America and abroad who have common interests and questions. We also maintain a roster of locally available assistants qualified to help with archival and other research.

The Centre offers annually the C. Richard Harington Fellowship to a student pursuing advanced studies in its areas of interest. It is also home to a small research facility and to the Elizabeth B. Losey Fur Trade Library of about 1000 works, many of them rare and out of print, and other resources. The Centre is home to the Canada Research Chair in Aboriginal Peoples and Histories. For more information visit <http://uwebpro.uwinnipeg.ca/academic/ic/rupert/index.html>

**i. Centre for Sustainable Transportation**

The Centre for Sustainable Transportation, based at The University of Winnipeg, was founded to provide leadership in achieving sustainable transportation in Canada. It provides reliable information, fills knowledge gaps through research, educates stakeholders and raises awareness among them, and offers strategic policy advice in selected areas. The Centre strives to become a central resource on sustainable transportation practices and supporting information. The role of the Centre is to assist decision-makers in making appropriate choices in how Canada's transportation systems are planned and delivered. The Centre started work in Toronto in 1996 and is a federally chartered, non-profit organization governed by a Board of Directors. It is a membership-based organization and welcomes supporters from all parts of Canada and beyond. For more information, please see <http://cst@uwinnipeg.ca/index/html>

**j. Winnipeg Institute for Theoretical Physics**

The Winnipeg Institute for Theoretical Physics is a formal Institute involving The University of Winnipeg and the University of Manitoba. It was created to support theoretical physics research in Manitoba. It has carried out this mandate by encouraging collaboration between members of the Institute, by financially supporting expert seminars in the research areas of concern, and by financially supporting the long term visits of internationally respected scientists to the Institute to facilitate collaboration between these scientists and Institute members. The permanent members of the Institute include all theorists in the Physics Department at The University of Winnipeg, as well as theorists from the University of Manitoba and from Brandon University.

**k. Institute of Urban Studies (IUS)**

Since its inception in 1969, the Institute of Urban Studies has acted as an innovative, action-oriented and non-partisan research and educational facility. The Institute's research mandate encompasses topics related to the social, demographic, physical, economic and environmental well-being of Canadian communities and cities. Projects undertaken by the Institute may be in behalf of, or in partnership with, governments, the private sector and community-based organizations. Research specialties include housing, neighbourhood change, urban aboriginal issues, sustainable urban development and urban poverty. Since 1992, IUS has produced *The Canadian Journal of Urban Research*, one of the few national peer-reviewed journals on urban issues. In addition to the Journal, the Institute operates a small publishing program, including a student paper prize. To assist students, faculty and community members engaged in urban research, the Institute operates a lending library, accessible through the University of Winnipeg Library catalogue (see [http://ius.uwinnipeg.ca/library\\_search.html](http://ius.uwinnipeg.ca/library_search.html)). For more information, see [ius.uwinnipeg.ca](http://ius.uwinnipeg.ca).

**l. Wii Chiiwaakanak Learning Centre**

The Wii Chiiwaakanak Learning Centre is a community outreach program facilitated by The University of Winnipeg. The Centre's mandate is to provide educational opportunities and services to the local community in support of capacity building within Winnipeg's inner city. In addition to local outreach services and educational programming, the Centre also strives to build strong partnerships with Indigenous communities throughout the Province of Manitoba and beyond. One of the key features of the Centre is the free and open access to computer labs, community spaces, and individual supports provided to constituents of the Centre. Free community programming includes Computer Training, Elder's Teaching Circle, Mentorship Program, the Coming Together Aboriginal Languages Project, and a Digital Media Education Summer Camp. Visit [www.uwinnipeg.ca/index/wcclc-index](http://www.uwinnipeg.ca/index/wcclc-index) for more information.

**m. The Institute for Women's and Gender Studies**

Supported by funding from the Margaret Laurence Endowment for Women's Studies, the Institute for Women's and Gender Studies was created with a mandate to strengthen and facilitate the development of Women's Studies in the University and the community. The Institute encourages and supports teaching, community education, research and scholarship which further an understanding of women and gender; which work toward eliminating sexism, discrimination and social inequalities; and which develop the creative and transformative potential of the university, community, and society. Educational programming includes an annual Feminist Speakers Series and documentary and popular video presentations and discussions. The Institute extends the academic work of the Women's and Gender Studies Department through feminist teaching, collaborative research projects, cooperative learning seminars, advocacy training, and field placements for Women's and Gender Studies Practicum students. The Institute has developed partnerships with groups such as the Immigrant Women's Association of Manitoba and Mentoring Artists for Women's Art. Please contact (204)786-9921 or visit <http://www.uwinnipeg.ca/index/gc-wsc> for more information.

**n. The Centre for Research in Young People's Texts and Cultures**

The Centre for Research in Young People's Texts and Cultures (CYRTC) supports scholarly inquiry into literary, media, and other cultural texts for children and youth. The Centre provides a focus for research in the field at the University of Winnipeg, houses the journal *Jeunesse: Young People, Texts, Cultures*, facilitates the development and management of collaborative national and international research projects, hosts visiting speakers and researchers, and maintains links with other research centres in children's studies internationally. CRYTC was established by the University of Winnipeg in 2006, in order to recognize, organize, and extend the expertise in the study of texts for children and youth that had developed at the University, principally through the Department of English, over more than thirty years. Today, the Centre houses four faculty offices, an office for the Research Coordinator and Administrator for *Jeunesse*, a multi-media Research Meeting Room and work stations for visiting researchers and research assistants. For more information, please visit <http://crytc@uwinnipeg.ca>

## 7. Brandon University Psychiatric Nursing Program

The School of Health Studies, Brandon University, in collaboration with The University of Winnipeg, offers the 4 years of the Bachelor of Science (BScPN) program at an off-campus site located in the lower level of the Rice Financial Building at 491 Portage Ave., Winnipeg. The program combines 123 credit hours of psychiatric nursing education with studies in Arts, Science and Humanities. Psychiatric Nursing (69) courses are offered by a combination of on-site and distance delivery methods. Graduates of the program are eligible to write the qualifying examination for licensure as a Registered Psychiatric Nurse (R.P.N.) with the College of Registered Psychiatric Nurses of Manitoba. Specific BScPN program details are available in the Brandon University General Calendar at [www.brandonu.ca](http://www.brandonu.ca). Contact (204) 727-9784 to obtain a copy of the calendar.

Please contact the students advisor Cathy Demas at (204) 727-7403 or e-mail [demas@brandonu.ca](mailto:demas@brandonu.ca) for more information.

NOTE: Applications to the Psychiatric Nursing program must be made through Brandon University. Application deadline is May 1st. BU applications are available online at [www.brandonu.ca](http://www.brandonu.ca). Students accepted to the BScPN program will have visiting student status at The University of Winnipeg.

### Required Courses – University of Winnipeg

BIOL-1112(6) Human Anatomy and Physiology  
PSYC-1000(6) Introductory Psychology  
PSYC-2101(3) Introduction to Data Analysis OR STAT-1501(3) Elementary Biological Statistics I  
SOC-1101(6) Introduction to Sociology  
SOC-3102(6) Sociology of Medicine  
3 credit hours of Arts and Science electives

### Required Health Studies Courses:

*Detailed courses descriptions may be found in the Brandon University Calendar available online @ [www.brandonu.ca](http://www.brandonu.ca)  
Curriculum revised September 2007 \*\*revised curriculum course description available in the 2008-2009 Brandon University Calendar.*

**69.151 Health Promotion: Developmental Transitions Throughout the Lifespan**

**69.152 Fundamentals of Psychiatric Nursing Practice I**

**69.153 Fundamentals of Psychiatric Nursing Practice II**

**69.161 Introduction to Interpersonal Communication**

**69.251 Principles of Health Assessment**

**69.252 Psychopharmacology**

**69.253 Fundamentals of Psychiatric Nursing Practice III\*\***

**69.255 Integrated Practice I\*\***

**69.261 Principles Individual Counselling**

**69.263 Medical Nursing for Psychiatric Nurses I\*\***

**69.264 Medical Nursing for Psychiatric Nurses II\*\***

**69.265 Integrated Practicum II**

**69.271 Psychiatric Nursing of Elderly Persons\*\***

**69.272 Principles of Palliative Care\*\***

**69.346 Integrated Practicum III**

**69.359 Psychiatric Nursing with Children and Adolescents**

**69.360 Community Health**

**69.363 Psychopathology**

**69.364 Therapeutic Groups**

**69.366 Acute Mental Health Challenges I**

**69.367 Family Counselling**

**69.368 Interpersonal Abuse\*\***

**69.377 Developmental Challenges**

**69.379 Addictions \*\***

**69.442 Integrative Clinical Practicum**

**69.454 Leadership in Professional Practice**

**69.457 Introduction to Health Research Methods**

**69.472 Psychiatric Rehabilitation and Recovery**

**69.473 Contemporary Perspectives on Professional Health Issues**

**69.474 Philosophical Perspectives for Practice**

## 8. Engineering at the University of Minnesota Institute of Technology

The University of Winnipeg and the University of Minnesota's Institute of Technology (IT) offer a dual degree program in engineering for students who want to attend one of the top engineering schools in North America.

Students begin their dual degree at The University of Winnipeg by studying Mathematics, Chemistry, Geography, Biology or Physics. Those students who complete a 3-year Bachelor of Science in any of those five majors and have a minimum GPA of 2.5 - 2.8 (depending on the program) are guaranteed a place in IT's engineering program. They complete the dual degree with a final two years of study, this time in Minneapolis at IT where they will earn an engineering degree. Graduates of the dual degree program will be recognized by the Canadian Council of Professional Engineers, allowing them to practice in Canada.

In addition, students who complete a 4-year or Honours Bachelor of Science degree at The University of Winnipeg are eligible to apply for IT's Master of Engineering program. However, acceptance to that program is not guaranteed.

Students who complete the final two years of the Engineering dual degree with a GPA of 2.5 or higher would be able to apply to The University of Winnipeg for standing in 30 credit hours of senior courses taken at the University of Minnesota. These credits, if approved, would be added to the students' University of Winnipeg transcript and would qualify them to upgrade their 3-year BSc to a 4-year BSc in Mathematics, Chemistry, Geography, Biology or Physics (University of Minnesota Dual Degree Streams). Thus students would have earned two degrees: a 4-year Bachelor of Science from The University of Winnipeg and a Bachelor of Engineering from the University of Minnesota (IT).

## Engineering Majors

### Aerospace Engineering

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2103(3)** Scientific Computing 2 or **ACS-1903(3)** Programming Fundamentals I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I}, **PHYS-2201(6)** Electricity and Magnetism, **PHYS-2110(3)** Statics, **PHYS-2302(6)** Foundations of Physics II, **PHYS-3202(6)** Classical Mechanics 1

**Stat STAT-3611(3)** Mathematical Statistics

### Biomedical Engineering

**Biol BIOL-1115(3)** Cells and Cellular Processes & **BIOL-1116(3)** Evolution, Ecology and Biodiversity, **BIOL-3221(3)** Cell Biology,

**BIOL-3602(3)** Comparative Animal Physiology I, **BIOL-3603(3)** Comparative Animal Physiology II

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Chemical Reactivity,

**CHEM-2202(3)** Organic Chemistry I, **CHEM-2203(3)** Organic Chemistry II

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}.

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2103(3)** Scientific Computing 2 or **ACS-1903(3)** Programming Fundamentals I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)**

Differential Equations I}, **PHYS-2201(6)** Electricity and Magnetism

**Stats STAT-3611(3)** Mathematical Statistics I

### Bioproducts and Biosystems Engineering

**Biol BIOL-1115(3)** Cells and Cellular Processes, **BIOL-1116(3)** Evolution, Ecology and Biodiversity (recommended), **BIOL-3221(3)** Cell Biology

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Chemical Reactivity

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}.

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I}, **PHYS-2201(6)** Electricity and Magnetism, **PHYS-3202(3)** Classical Mechanics 1

### Courses for a particular emphasis:

#### Bioproducts Engineering Emphasis

**CHEM-2202(3)** Organic Chemistry I, **CHEM-2203(3)** Organic Chemistry II

#### Bioprocessing & Food Engineering Emphasis

**CHEM-2202(3)** Organic Chemistry I, **CHEM-2203(3)** Organic Chemistry II

**STAT-3611(3)** Mathematical Statistics I

#### Environmental & Ecological Engineering Emphasis

**STAT-3611(3)** Mathematical Statistics I

### Chemical Engineering

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Chemical Reactivity,

**CHEM-2102(3)** Thermodynamics and Kinetics, **CHEM-2103(3)** Atoms, Molecules and Spectroscopy, **CHEM-2202(3)** Organic

Chemistry I, **CHEM-2203(3)** Organic Chemistry II, **CHEM-2302(3)** Quantitative Chemical Analysis

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}.

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I}, **PHYS-2201(6)** Electricity and Magnetism

### Civil Engineering

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Chemical Reactivity

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}.

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I}, **PHYS-2110(3)** Statics, **PHYS-2201(6)** Electricity and

Magnetism, **PHYS-3202(3)** Classical Mechanics I

**Stats STAT-3611(3)** Mathematical Statistics I

### Computer Engineering

**Applied Computer Science {ACS-1903(3)** Programming Fundamentals I and **ACS-1904(3)** Programming Fundamentals II} or

**ACS-1905(3)** Programming Fundamentals, **ACS-2947(3)** Datastructures and Algorithms

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}, **MATH-1401(3)** Discrete Mathematics

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I}, **PHYS-2201(6)** Electricity and Magnetism, **PHYS-2804(3)**

Introduction to Digital Systems

### Electrical Engineering

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter

**Math MATH-1101(6)** Introduction to Calculus or {**MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II}.

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2103(3)** Scientific Computing 2, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or {**MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I}, **PHYS-2201(6)**

Electricity and Magnetism, **PHYS-2804(3)** Introduction to Digital Systems

{**CHEM-1112(3)** Basic Principles of Chemical Reactivity or **PHYS-2302(6)** Foundations of Physics II}

**Geological Engineering**

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Chemical Reactivity

**Phys Geog GEOG-1202(3)** Introductory Earth Science, **GEOG-2215(3)** Mineralogy and Petrology, **GEOG-2218(3)** Fluvial and Hillslope Processes or **GEOG-2219(3)** Glacial and Periglacial Processes

**Math MATH-1101(6)** Introduction to Calculus or **(MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II).

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or **(MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I), **PHYS-2110(3)** Statics, **PHYS-2201(6)** Electricity and Magnetism, **PHYS-3202(3)** Classical Mechanics I

**Stats STAT-3611(3)** Mathematical Statistics I

**Materials Science Engineering**

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter, **CHEM-1112(3)** Basic Principles of Chemical Reactivity, **CHEM-2202(3)** Organic Chemistry I

**Math MATH-1101(6)** Introduction to Calculus, or **(MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II).

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or **(MATH-2101(6)** Intermediate Calculus and **MATH-2102(3)** Differential Equations I), **PHYS-2110(3)** Statics, **PHYS-2201(6)** Electricity and Magnetism, **PHYS-2302(6)** Foundations of Physics II

**Mechanical Engineering**

**General Biology** strongly recommended.

**Chem CHEM-1111(3)** Introduction to the Chemical Properties of Matter

**Math MATH-1101(6)** Introduction to Calculus or **(MATH-1103(3)** Introduction to Calculus I & **MATH-1104(3)** Introduction to Calculus II).

**Phys PHYS-1101(6)** Foundations of Physics I, **PHYS-2103(3)** Scientific Computing 2 or **ACS-1903(3)** Programming Fundamentals I **PHYS-2105(3)** Math Physics I and **PHYS-2106(3)** Math Physics 2 or **(MATH-2101(6)** Intermediate Calculus & **MATH-2102(3)** Differential Equations I), **PHYS-2110(3)** Statics, **PHYS-2201(6)** Electricity and Magnetism, **PHYS-3202(3)** Classical Mechanics I.