

COURSE DESCRIPTIONS

ANTHROPOLOGY

ANTH-1001 (6) Introductory Anthropology (3 hrs Lecture) 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 hold credit for this course and ANTH-1002 | ANTH-1003 | ANTH-1005.

ANTH-1002 (3) Introductory Cultural Anthropology and Linguistics (3 hrs Lecture) This course is a general introduction to the comparative study of culture and language. Topical emphases vary. In cultural anthropology they may include economic and political organization, kinship and marriage, ritual and belief, and the causes and consequences of cultural change in the contemporary world. In Linguistic Anthropology they may include language structure, pragmatics, sociolinguistics and the ethnography of language. Some instructors may devote substantially more time than others to certain topics. Students are advised to consult with individual instructors for details.
Restrictions: Students may not hold credit for this course and ANTH-1001 | ANTH-1005.

ANTH-1003 (3) Introductory Biological Anthropology and Archaeology (3 hrs Lecture) 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 hold credit for this course and ANTH-1001.

ANTH-1005 (3) Introduction to Cultural Anthropology: Indigenous Focus (3 hrs Lecture) 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. This course focuses primarily on Indigenous peoples in North America. 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 hold credit for this course and ANTH-1001 | ANTH-1002.

ANTH-2100 (3) Method and Theory in Cultural Anthropology (3 hrs Lecture) 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.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2103 (3) Ethnography of Indigenous Peoples in Canada and the U.S. (3 hrs Lecture) This course surveys ethnographies of Indigenous peoples of Canada primarily, with some ethnographic material from the United States. Students are introduced to the history of North American cultural anthropology and its roots in Indigenous ethnographic research. The course familiarizes students with ethnography as the primary methodology of cultural anthropologists. Students apply critical thinking skills to the methodology as they read and analyse ethnographies as representations of Indigenous societies. Emphasis is placed on the work of Indigenous ethnographers, scholars, and contributors to Indigenous-focused ethnography.
Cross-listed: IS-2103(3).
Restrictions: Students may not hold credit for this course and IS-2103.

ANTH-2119 (3) Medical Anthropology (3 hrs Lecture) Medical anthropology is a subfield of anthropology. It informs our understandings of the experiences and distribution of health, the prevention and the treatment of the sick in different cultural groups and the role of pluralistic medical systems. Critical health disparities between marginalized populations in developed countries as well as between developing and developed countries are increasingly prevalent and complex in nature. This course looks at ethnomedicine, disease ecology and Indigenous perspectives on health and illness.
Cross-listed: BANT-2119(3).
Restrictions: Students may not hold credit for this course and BANT-2119.
Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2121 (3) Traditional Japanese Culture (3 hrs Lecture) This course surveys traditional Japanese culture through an exploration of visual and dramatic arts, literature, philosophy, and religion. Special emphasis is placed on cross-cultural roots that bridged Japan with its neighbouring countries in East Asia. The historical foundations of popular Japanese contemporary culture - Manga, Anime, and high technology to name a few - are also discussed.
Cross-listed: EALC-2721(3) and REL-2721(3).
Restrictions: Students may not hold credit for this course and EALC-2721 | REL-2721.

ANTH-2122 (3) Anthropologists in the Community (3 hrs Lecture) Anthropologists are often engaged in

research directly with communities. This may involve partnerships, collaboration or supporting communities directly as they lead their own research. Applied anthropology is a sub-field of anthropology which explores ways anthropologists work in communities to help identify and resolve challenges and grow opportunities using anthropological knowledge and methods. This course provides students with an introduction to community based research methods and research design in anthropology.

Restrictions: Students may not hold credit for this course and ANTH-3103.

Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

ANTH-2200 (3) Method and Theory in Archaeology (3 hrs Lecture) 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.

Requisite Courses: ANTH-1001 or ANTH-1003 or permission of the instructor [prerequisite(s)].

ANTH-2202 (3) Archaeology of North America (3 hrs Lecture) 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.

ANTH-2210 (3) Rise of New World Civilization (3 hrs Lecture) 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: Students may not hold credit for this course and ANTH-2206.

ANTH-2211 (3) Rise of Old World Civilization (3 hrs Lecture) This course covers the origins and development of civilization 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 civilization and urbanism in state formation, and the problem of collapse of Old World civilizations, such as ancient Egypt, the Near East, China, and the Indus Valley. Regional and chronological coverage may vary from year to year.

Cross-listed: CLAS-2004(3).

Restrictions: Students may not hold credit for this course and CLAS-2004.

ANTH-2214 (3) Archaeological Field School (3 hrs Field Study) 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.

ANTH-2216 (3) Archaeology in Popular Culture (3 hrs Lecture) From Indiana Jones to Tomb Raider to YouTubers covering the discovery and excavation of prior sites of human occupation, Archaeology holds a special place in the public imagination. Archaeologists have been depicted in popular culture through many formats, including movies and TV shows, literature and comics, news media, video games and more. This course critically assesses the ways in which archaeology is presented to the general public, by both archaeologists and non-archaeologists, and evaluates how the representation of archaeologists matters (or should matter) to a general audience.

Cross-listed: BANT-2216(3).

Restrictions: Students may not hold credit for this course and BANT-2216.

Requisite Courses: Minimum 18 credit hours in any subject, or permission of the instructor [prerequisite(s)].

ANTH-2220 (6) Archaeological Field School (3 hrs Field Study) This course number is designated for 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.

Note: 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-2221 (3) Archaeology of the Ancient Near East (3 hrs Lecture) This course traces the development of Syrian Palestinian Archaeology, including a study of archaeological remains and sites from the Neolithic period (ca. 8500 B.C.) to the Byzantine period (ca. 330 A.D.) in the Levant, or countries bordering on the eastern Mediterranean Sea from Turkey to Egypt. Emphasis is placed on techniques of recovering ancient remains as well as the interpretation of artifacts, including those associated with Biblical text or documents from other ancient Near Eastern cultures.

ANTH-2222 (3) Caribbean Archaeology (3 hrs Lecture) This course introduces students to the archaeology of the insular Caribbean. Students discover the cultural diversity and complexity that characterized the area from the arrival of the first humans to the early contact with Europeans. The course covers different aspects including cultural periodizations, migratory routes, emblematic sites, and the characterization of precolonial and early colonial lifeways of Indigenous people in the Caribbean. Students learn different methods and techniques that have been applied to the study of archaeological materials from the Caribbean and the legacy of Indigenous groups to the socio-cultural development of the region.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who

successfully complete this course receive credit as indicated.

ANTH-2229 (3) Food, Diet and Dining in Antiquity (3 hrs Lecture) This course explores the techniques, issues, and controversies involved in reconstructing the role of food, diet and dining in Greek and Roman antiquity. Topics addressed include examination of lines of evidence (broadly encompassing ancient literary and textual evidence, depictions from art, and material remains from archaeological excavation); the economic basis for production, trade, transport and consumption of foodstuffs in antiquity; practicalities and limitations involved in cooking, preserving and preparing food stuffs; the social and philosophical context of eating and dining; the role of food in ancient religious and cult practices; medical approaches to food, diet and health in antiquity.

Cross-listed: CLAS-2920(3).

Restrictions: Students may not hold credit for this course and CLAS-2920.

ANTH-2260 (3) Introductory Classical Archaeology: Principles and Practices (3 hrs Lecture/Lab Combined) This course provides an introduction to the development, principles, and practices associated with archaeological analysis and study of Classical civilizations (primarily Greece and Rome). A wide range of material categories (such as buildings, coins, pottery, sculpture, geological deposits, and plant and animal remains) are considered along with the techniques devised by Classical archaeologists for understanding them and their significance as evidence for Classical societies. Dating and chronology, geography, function, typology and the interface between material remains and written evidence are considered. Curriculum includes special attention to case studies and to hands-on experience where possible.

Cross-listed: CLAS-2910

Restrictions: Students may not hold credit for this course and CLAS-2910.

ANTH-2300 (3) Method and Theory in Biological Anthropology (3 hrs Lecture) 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.

Cross-listed: BANT-2300(3).

Restrictions: Students may not hold credit for this course and BANT-2300.

Requisite Courses: ANTH-1001 or ANTH-1003 or any 1000-level Biology course, or permission of the instructor [prerequisite(s)].

ANTH-2304 (3) Introduction to Forensic Anthropology (3 hrs Lecture) 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.

Cross-listed: BANT-2304(3).

Restrictions: Students may not hold credit for this course and BANT-2304.

Requisite Courses: Completion of 30 credit hours [prerequisite(s)].

ANTH-2400 (3) Method and Theory in Linguistic Anthropology (3 hrs Lecture/Seminar) This course examines the relationship between language and culture, including the theories and principles of linguistic anthropology. More than 20 languages are compared and contrasted in order to understand the concepts of language structure. Topics include the basic principles of phonetics and phonology, morphology, syntax, pragmatics, language change, literacy, nonverbal communication and signed languages.

Cross-listed: LING-2102(3).

Restrictions: Students may not hold credit for this course and LING-2102.

ANTH-2401 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of 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 course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.

Cross-listed: LING-2001(3) and ENGL-2803(3).

Restrictions: Students may not hold credit for this course and ENGL-2803 | LING-2001.

ANTH-2402 (3) Morphology (3 hrs Lecture) 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.

Cross-listed: ENGL-2805(3) and LING-2002(3).

Restrictions: Students may not hold credit for this course and ENGL-2805 | LING-2002.

ANTH-2403 (3) Syntax (3 hrs Lecture) 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 combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.

Cross-listed: ENGL-2802(3) and LING-2003(3).

Restrictions: Students may not hold credit for this course and ENGL-2802 | LING-2003.

ANTH-2404 (3) Languages of the World (3 hrs Lecture)

Taking a general overview of the linguistic map of the world where approximately 7000 languages are currently spoken, this course looks at some of the main language families and examines evidence for genetic relationships within them. Variations within a single language, principles underlying different writing systems, as well as issues of language contact, endangered languages, and the role of English as an emerging world language are also considered. Examples are drawn from a wide range of languages.

Cross-listed: LING-2103(3).

Restrictions: Students may not hold credit for this course and LING-2103 | LING-2404.

ANTH-2405 (3) Semantics (3 hrs Lecture) Semantics is the branch of linguistics concerned with how we construct meaning using language. It is arguably the most diverse branch, situated between the highly formalizable "inner layers" of phonology, morphology and syntax and the fuzzier "outer layer" of pragmatics. Key ideas covered in the course include: the difference between sense and reference, the application of basic rules in formal logic, prototype theory, componential analysis, and cognitive semantics; how to identify thematic roles in sentences; the functions of noun classifiers, deictics, and adpositions in different languages; and, the nature of metaphors, metonyms and image schemas.

Cross-listed: ENGL-2806(3) and LING-2004(3).

Restrictions: Students may not hold credit for this course and ENGL-2806 | LING-2004.

ANTH-2406 (3) Language and Culture (3 hrs Lecture)

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.

Cross-listed: ENGL-2804(3) and LING-2101(3).

Restrictions: Students may not hold credit for this course and ENGL-2804 | LING-2101.

ANTH-2407 (3) Language Revitalization (3 hrs Lecture)

This course examines the need for language revitalization in the context of language endangerment that is now occurring on a global scale. Students learn about factors that contribute to languages remaining strong, as well as processes such as colonization and assimilation that have led to language shift, loss, and death. Students learn about the importance of diverse languages, and also about strategies and programs that communities have applied to maintain or regain their languages. Key language revitalization methods are taught, including language healing, language development, language learning technologies, language nests, and master-apprentice

programs.

Cross-listed: LING-2104 and IS-2407.

Restrictions: Students may not hold credit for this course and LING-2104 | IS-2407.

ANTH-2409 (3) Oral Immersion Michif I (3 hrs Lecture | 1 hrs Lab) This course is an introduction to the Michif language in a culturally safe and supportive learning environment. The emphasis is on task and project-based immersion learning for whole language skills useful in daily and cultural life. A special focus is on the use of verbs in simple tenses in indicative, interrogative and imperative forms reflecting the complexity of Michif's verbal morphosyntax. As a class, students work on listening comprehension and oral expression skills. They also write weekly personal reflections on their learning process. In the one-hour lab students practice language structured to support the acquisition of that presented in class.

Restrictions: Students may not hold credit for this course and ANTH-1409.

Requisite Courses: ANTH-2409L (must be taken concurrently).

ANTH-2410 (3) Oral Immersion Michif II (3 hrs Lecture | 1 hrs Lab)

This course is the second part of the introduction to the Michif language in a culturally safe and supportive learning environment. The emphasis is on task and project-based immersion learning for whole language skills useful in daily and cultural life. A special focus is on the use of verbs in simple tenses in indicative, interrogative and imperative forms reflecting the complexity of Michif's verbal morphosyntax. As a class, students work on listening comprehension and oral expression skills. They also write weekly personal reflections on their learning process. In the one-hour lab students practice language structured to support the acquisition of that presented in class.

Restrictions: Students may not hold credit for this course and ANTH-1410.

Requisite Courses: ANTH-2409 [prerequisite(s)]; ANTH-2410L (must be taken concurrently).

ANTH-3120 (3) Indigenous Peoples of Arctic Canada

(3 hrs Lecture) 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 21st century.

Cross-listed: HIST-3622(3).

Restrictions: Students may not hold credit for this course and ANTH-2118 | HIST-3622.

ANTH-3125 (3) Ethnographic Research Methods (3 hrs Lecture)

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.

Cross-listed: ANTH-4125(3).

Restrictions: Students may not hold credit for this course and ANTH-4125.

Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-3127 (3) History of the Indigenous Peoples of the Northern Plains (3 hrs Lecture/Seminar) This lecture-seminar traces the history of Indigenous 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 Indigenous history on both sides of the Canadian and US border.

Cross-listed: HIST-3616(3).

Restrictions: Students may not hold credit for this course and HIST-3518 | HIST-3616.

ANTH-3129 (3 or 6) Material Culture in North American Indigenous History (3 hrs Lecture/Seminar) This lecture/seminar course traces North American Indigenous history from pre-contact times to the early 20th century through a close examination of Indigenous and fur trade material culture. Throughout the course of the fur trade Indigenous people and Europeans exchanged and adopted various technologies. These exchanges were of critical importance in shaping relations between Euro-American traders and Indigenous peoples. This course explores various ways in which Indigenous 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 Indigenous artefacts held and that European-introduced technologies and materials acquired.

Cross-listed: HIST-3615

Restrictions: Students may not hold credit for this course and HIST-3515 | ANTH-3126 | ANTH-3129

ANTH-3133 (3) Public Anthropology (3 hrs Lecture) Contemporary anthropology has changed drastically over the last several decades. Anthropologists no longer exclusively study "primitive" societies; cultural anthropology is engaged and confronting important contemporary social, economic and political issues. In response, anthropologists now engage in these modern issues and at times take a public position. Public anthropology explores such issues as race and tolerance, health and well-being, global terror and militarism, forensic anthropology, and the Internet and other forms of the digital media. This course is designed to inform students about the development of anthropology as a relevant field of inquiry.

Requisite Courses: ANTH-2100 [prerequisite(s)].

ANTH-3134 (3) Anthropology of Food (3 hrs Lecture)

Anthropology is interested in the role of food and the relationship to humans. Food is vital to our health and well-being, however there remains a constant struggle to produce, exchange and eat the food that we need to live a healthy and productive life. Our relationship with food is complex. This course examines the ways in which we understand food as essential, chosen, patterned, and dynamic. Students examine how culture shapes our food production, distribution methods, and dietary habits in all stages of our lives.

Requisite Courses: ANTH-2100 [prerequisite(s)].

ANTH-3136 (3) History of the Haudenosaunee Peoples (3 hrs Lecture/Seminar) This lecture/seminar course examines the history of the Haudenosaunee peoples in Eastern North America from precontact until the present. Emphasis is placed on the Six Nations Confederacy and the Wendat (Huron) peoples living in Canada and the United States. Topics include the origins of the Confederacy, the fur trade and Christian missions, Colonial Wars and the destruction of Huronia in 1649, the dispersal and migration of Haudenosaunee communities through the Great Lakes region, and the influence of the Canada-US border on contemporary Haudenosaunee communities.

Cross-listed: HIST-3632

Restrictions: Students may not hold credit for this course and ANTH-3132 | HIST-3532 | HIST-3632.

ANTH-3160 (3) Cultural Perspectives on Global Processes (3 hrs Lecture) The focus of this course is threefold. First it seeks to apply cultural perspectives on 'global scale theory.' Second, we 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 is on how two or more of these interact. Third, we discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships are chosen in response to interests of those taking the course, and are developed by group reading and discussion, and individually in term paper projects.

Cross-listed: IDS-3160(3).

Restrictions: Students may not hold credit for this course and IDS-3160.

Requisite Courses: IDS-1100(6) or ANTH-1001(6) or ANTH-1002(3), or permission of the Coordinator/Chair [prerequisite(s)].

ANTH-3162 (3) Social Enterprise in the Indigenous Context (3 hrs Seminar/Discussion) Students study theories and practices related to social enterprise models in Canada, the UK, the US and elsewhere. The course has a particular interest in the relationship between social enterprises, related policies, and indigenous sovereignty or self-determination. Students are familiarized with the range of Indigenous social enterprises in Canada and internationally, and trained in policy and project analysis. Students put social enterprise theory into practice by creating a proposal for a hypothetical social enterprise

project focused in an identified need, gap, or interest in an Indigenous community or organization.

Cross-listed: IS-3162(3).

Restrictions: Students may not hold credit for this course and IS-3162.

Requisite Courses: 30 credit hours in any subject [prerequisite(s)].

ANTH-3170 (3) Ethnoecology as a Research Approach

(3 hrs Seminar/Discussion) This course underscores the traditional ecological knowledge systems of Indigenous and local communities by examining the interactions among these communities, their knowledge, and the local environments that have sustained over time. Key themes include traditional food and medicinal plants, traditional natural resources management systems, and learning within indigenous knowledge and indigenous cultural landscapes. Such learning is explored through global case studies. Research approaches, tools, methods and ethical issues surrounding ethnoecological research within local and Indigenous communities are also explored. This course helps in developing academic and research skills in conducting interdisciplinary research that examines the relationships between nature and culture.

Cross-listed: IS-3012(3).

Restrictions: Students may not hold credit for this course and IS-3012.

Requisite Courses: IS-1015, UIC-1001, IDS-1100, ANTH-1001, or ANTH-1002 or permission of instructor [prerequisite(s)].

ANTH-3203 (6) Archaeological Field School

(3 hrs Lecture) 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.

Restrictions: Department Permission Required.

Requisite Courses: ANTH-1001 or ANTH-1003 and ANTH-2200 [prerequisite(s)].

ANTH-3204 (3) Issues in Prehistoric Archaeology

(3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and ANTH-4204.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3206 (3) The Origins of Human Culture

(3 hrs Lecture) 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.

Cross-listed: BANT-3206(3), ANTH/BANT-4206(3).

Restrictions: Students may not hold credit for this course and ANTH-4206 | BANT-3206 | BANT-4206.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3207 (3) Zooarchaeology

(3 hrs Lecture) 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.

Cross-listed: BANT-3207(3).

Restrictions: Students may not hold credit for this course and BANT-3207.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3210 (3) Archaeological Laboratory Methods

(3 hrs Lecture) This course focuses on processing, analyzing, 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.

Cross-listed: ANTH-4210(3).

Restrictions: Students may not hold credit for this course and ANTH-4210.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3213 (3) Advanced Archaeological Theory

(3 hrs Lecture) Major trends in the development and application of archaeological theory are explored, with special emphasis on perspective initiated since the beginning of the 20th century. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: ANTH-4213(3).

Restrictions: Students may not hold credit for this course and ANTH-4213.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-3214 (3) Ancient Environments and Ecology

(3 hrs Lecture/Lab Combined) This course explores approaches, techniques, issues, and applications involved in the reconstruction of ancient environmental and ecological conditions and settings (predominantly for Greco-Roman antiquity). Topics addressed include the use of environmental archaeology (e.g., geoarchaeology,

archaeobotany, palynology, zooarchaeology) in assessing paleoenvironments and paleoecology; natural resource and landscape exploitation in antiquity as determined from synthesis of literary, artistic, and archaeological datasets; climate and environmental change in antiquity; human management and mismanagement of environmental and ecological conditions in the past, including aspects of overhunting, deforestation, pollution and natural disasters. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: CLAS-3910(3).

Restrictions: Students may not hold credit for this course and CLAS-3910 | CLAS-4910.

ANTH-3260 (3) Intermediate Classical Archaeology:

Issues and Controversies (3 hrs Lecture) This course examines methodological, theoretical, and topical issues in Classical Archaeology, broadly, that is, in the archaeology of ancient Greek and Roman civilizations. Particular emphasis focuses upon directions within the discipline over the past decade. Topics discussed include the integration of archaeological, scientific, artistic, and textual evidence in the reconstruction of classical cultures; the assessment of ancient Greco-Roman ecological, social, ritual, and economic life on the basis of recovered artifacts and ecofacts; and the use of archaeological survey data to examine ancient settlement patterns.

Cross-listed: CLAS-3260 (3)

Restrictions: Students may not hold credit for this class and CLAS-3260 | CLAS-4260.

Requisite Courses: CLAS-2910 or ANTH-2260 or permission of instructor [prerequisite(s)].

ANTH-3261 (3) Death in Antiquity (3 hrs Lecture) This course approaches various aspects relating to death in antiquity (emphasizing Roman antiquity) from the perspective of two disciplines, Anthropology and Classics. Topics include beliefs and philosophies about the afterlife; causes of death, with emphasis on diseases and demographics; the practicalities of planning for death and disposing of the dead; the methods and significance of commemoration; rituals of grief and mourning; spatial distribution of cemeteries in antiquity; methods and theories in mortuary archaeology from classical sites; and analysis of osteological, artifactual, and architectural data from such sites. Contemplation of cross-cultural comparisons on these and other topics under study is encouraged.

Cross-listed: CLAS-3320(3).

Restrictions: Students may not hold credit for this course and CLAS-3320 or CLAS-4320.

Requisite Courses: 3 credits from either Anthropology or Classics [prerequisite(s)].

ANTH-3262 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.

Cross-listed: CLAS-3060(3) and KIN-3060(3).

Restrictions: Students may not hold credit for this course and CLAS-3060 | KIN-3060.

Requisite Courses: 3 credits in any Classics, Anthropology, or Kinesiology course [prerequisite(s)].

ANTH-3273 (3) Material Culture in Northern Plains

Indigenous History, Field Course (3 hrs Field Study) In

this experiential-learning course, we explore various ways in which Indigenous and European technologies complemented each other. The first half of the course consists of seminar discussions and lectures at the University of Winnipeg. The second half of the course takes place in the field, where students can work with Indigenous Elders from nearby First Nations communities. Students learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents.

Note: Students should notify the instructor in case of dietary restrictions, plant-, animal-, or food allergies. There is a surcharge per student for this course to cover honoraria for Elders and other knowledge keepers, food-related costs and costs for materials the students will be using. Please consult the History Department.

Cross-listed: HIST-3573(3), HIST-4573(3), ANTH-4273(3).

Restrictions: Instructor Permission Required. Instructor Permission Required. Students may not hold credit for this course and ANTH-4273 | HIST-3571 | HIST-3573 | HIST-4573.

ANTH-3306 (3) Human Osteology (3 hrs Lecture) 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.

Cross-listed: BANT-3306(3).

Restrictions: Students may not hold credit for this course and ANTH-4306 | BANT-3306.

Requisite Courses: Credit in at least one course in Physical/Biological Anthropology, or permission of the instructor [prerequisite(s)].

ANTH-3308 (3) Human Evolution (3 hrs Lecture) 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.

Cross-listed: BANT-3308(3), ANTH/BANT-4308(3).

Restrictions: Students may not hold credit for this course and ANTH-4308 | BANT-3308 | BANT-4308.

Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

ANTH-3400 (3) Language Typology (3 hrs

Seminar/Discussion) This course examines and classifies a

number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. 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.

Cross-listed: ANTH-4400(3), LING-3006(3) and LING-4006(3).

Restrictions: Students may not hold credit for this course and LING-3006 | LING-3400 | LING-4006.

Requisite Courses: ANTH-2400 or LING-2102 or permission of instructor [prerequisite(s)].

ANTH-3405 (3) Textual Analysis (3 hrs Lecture) This course examines the principles and methods of textual analysis as a language-centered 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.

Cross-listed: LING-3001(6) and ENGL-3800(6).

Restrictions: Students may not hold credit for this course and ENGL-3800 | LING-3001.

ANTH-3406 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo-European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto-culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: ANTH-4406(3), LING-3102(3) and LING-4102(3).

Restrictions: Students may not hold credit for this course and ANTH-4406 | LING-3102 | LING-4102.

ANTH-3407 (3) Registers of Our Daily Life (3 hrs Lecture) 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.

Cross-listed: LING-3101(3), ENGL-3802(3).

Requisite Courses: ANTH-2406 or LING-2101 or ENGL-2804 [prerequisite(s)].

ANTH-3408 (3) Sociolinguistics (3 hrs Lecture | Seminar/Discussion) Sociolinguistics is the systematic study of language as a social phenomenon with a focus on the relationship between language and various social variables such as age, class, ethnicity and gender. This course examines language variations on regional (regional dialects), social (sociolects) and personal (styles and registers) level, as well as topics such as standard language, slang, jargon, politeness and taboo. It introduces students to the concepts of language ideologies, communities of practice, multilingualism, diglossia and code switching, and explores the problems of language in the contact and of language shift, revival and planning.

Cross-listed: LING-3103(3).

Restrictions: Students may not hold credit for this course and LING-3103.

Requisite Courses: LING-1001 or ANTH-1001 or ANTH-1002 [prerequisite(s)].

ANTH-3409 (3) Language Policy and Planning (3 hrs Lecture) Language Policy and Planning addresses the ways in which people, organizations, and governments have tried to control or influence how languages are learned, developed and used. It includes the development of standardized languages, writing systems, and creation of grammars and dictionaries. It also addresses language legislation, and governments' and organizations' attempts to promote or prescribe certain languages, including in K-12 education. The implementation of language policies and plans is shaped by many factors including history, politics, and ideologies. Students in this course examine methods and theories of language policy and planning development and implementation with specific application to Indigenous languages.

Cross-listed: LING-3109

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and LING-3109.

Requisite Courses: 18 Credit hours completed in any subject area [prerequisite(s)].

ANTH-3411 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.

Cross-listed: ANTH-4411(3), LING-3104(3),

LING-4104(3), and IS-3104(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3104 | ANTH-4411 | IS-3104 | LING-4104.

ANTH-4001 (3 or 6) Directed Readings/Research in Anthropology (3 hrs Directed Reading) 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.

Cross-listed: BANT-4001

Restrictions: Instructor Permission Required. Honours Form Required.

ANTH-4011 (6) Anthropology Honours Thesis (3 hrs Thesis) This course is intended for but not restricted to students in the Honours program. Students undertake an independent research project in an area of anthropological interest. Presentation of the results verbally and in thesis form to the Anthropology Department is an integral part of the course. Each project is supervised by a faculty member.

Cross-listed: BANT-4011(6).

Restrictions: Honours Form Required. Instructor Permission Required. Students may not hold credit for this course and BANT-4011.

Requisite Courses: 9 credit hours from ANTH-2100, ANTH-2200, ANTH-2300, or ANTH-2400 (as appropriate to thesis topic) plus at least 6 credit hours at the 3000 level and 6 credit hours at the 4000 level [prerequisite(s)].

ANTH-4024 (3) Biocultural Diversity Conservation (3 hrs Seminar/Discussion) This course focuses on the interrelationship between indigenous peoples and their environment. Indigenous and local communities contribute with understanding, practices and innovations regarding the use and conservation of biodiversity and natural resources in diverse ecosystems. The value of indigenous knowledge is recognized in international agreements and efforts are made to integrate traditional ecological knowledge into conservation and management programs. The tensions arising from the confluence of indigenous and scientific knowledge, the opposition of different epistemological approaches, the increasing loss of bio diversity and indigenous cultures, the interconnectedness between biological and cultural diversity are the central themes of this course.

Cross-listed: IDS-4824(3) and IS-4024(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and IDS-4828 | IS-4024.

ANTH-4100 (3) History of Anthropology (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this

course and ANTH-3100.

Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4102 (3) Problems in Cultural Anthropology (3 hrs Lecture) This seminar offers senior students a chance to investigate specific problems in cultural anthropology. Cultural anthropology encompasses all cultural and social aspects of the human experience. Potential topics include engaged anthropology which is anthropological work done from an advocacy perspective, applied anthropology done on a contract basis, community based research, virtual cultural anthropology which focuses on virtual communities and networks, Indigenous/decolonizing research with cultural anthropology, or feminist anthropology which focuses on a gendered analysis. Emphasis is on preparation and presentation of individual projects based on library, museum, or field experience. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Department Permission Required.

Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4105 (3 or 6) Indigenous Peoples and Newcomers in Encounter: Selected Topics (3 hrs Seminar/Discussion) This course examines the history of Canadian Indigenous Peoples from the pre-contact period to the early 20th century through the study of Indigenous biographies and material culture. This allows us to examine the history of Indigenous/non-Indigenous interaction from the perspective of individuals involved in the events we study. It familiarizes students with the cultures of Canadian Indigenous Peoples, major events in the history of contact between Indigenous and European peoples, and the construction of historical argument and interpretation, based on an interdisciplinary ethnohistorical approach.

Cross-listed: HIST-4570(3/6).

Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4570.

ANTH-4125 (3) Ethnographic Research Methods (3 hrs Lecture) 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.

Cross-listed: ANTH-3125(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and ANTH-3125.

Requisite Courses: ANTH-2100 or permission of the instructor [prerequisite(s)].

ANTH-4145 (3) Urban Indigenous Seminar (3 hrs Seminar/Discussion) This seminar examines selected topics dealing with urban Indigenous issues. Topics may include the viability of urban Indigenous governance, urban reserves, and Indigenous education and economic development issues in the inner city. The issue of differing

conceptions of Indigenous representation and identity held by various Indigenous organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Indigenous 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 Indigenous people in the urban environment.

Cross-listed: IS-4445(3) and UIC-4445(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and IS-4445 | UIC-4445.

Requisite Courses: 6 credit hours in UIC courses, or permission of the instructor [prerequisite(s)].

ANTH-4200 (3) Archæological Problems (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: A course in Archaeology/Prehistory at the 2000 or 3000 level or permission of the instructor [prerequisite(s)].

ANTH-4206 (3) The Origins of Human Culture (3 hrs Lecture) 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.

Cross-listed: ANTH/BANT-3206(3), BANT-4206(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and ANTH-3202 | ANTH-3206 | BANT-3206 | BANT-4206.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-4210 (3) Archæological Laboratory Methods (3 hrs Lecture) This course focuses on processing, analyzing, 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.

Cross-listed: ANTH-3210(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and ANTH-3210.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-4212 (3) Advanced Zooarchaeology (3 hrs Seminar/Discussion) 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.

Cross-listed: BANT-4212(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and BANT-4212.

Requisite Courses: ANTH-3207 or BANT-3207 or permission of the instructor [prerequisite(s)].

ANTH-4213 (3) Advanced Archæological Theory (3 hrs Lecture) Major trends in the development and application of archaeological theory are explored, with special emphasis on perspective initiated since the beginning of the 20th century. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: ANTH-3213(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and ANTH-3213.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

ANTH-4230 (6) International Field School (Project / Thesis with variable meeting hours) This field school in Archaeology and Bioarchaeology provides in-depth training in excavation, documentation, and analysis of material from an archaeological site and is typically located outside Canada (previous sessions were held in Serbia and Jamaica). Undergraduate students from University of Winnipeg are given preference in registration, however, the field course is open to upper undergraduate and graduate students from other universities. Students are required to consult the Department chair regarding the yearly location of the field course.

Cross-listed: BANT-4230(6).

Restrictions: Instructor Permission Required. Honours Form Required. Students may not hold credit for this course and BANT-4230.

Requisite Courses: ANTH-2200 and ANTH-2300 [prerequisite(s)].

ANTH-4305 (3) Problems in Biological Anthropology (3 hrs Lecture) This is an advanced seminar designed to examine selected aspects of method and/or theory in biological anthropology. This course may be repeated for credit when the topic varies.

Cross-listed: BANT-4305(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and BANT-4305.

Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

ANTH-4307 (3) Advanced Human Osteology (3 hrs Seminar/Discussion) 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.

Note: Permission of the Department Chair is required to register. Students registering with a GPA of less than 3.0 in Anthropology require the instructor's signature.

Cross-listed: BANT-4307(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4304 | BANT-4307.

Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

ANTH-4308 (3) Human Evolution (3 hrs Lecture) 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.

Cross-listed: ANTH/BANT-3308(3) and BANT-4308(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and ANTH-3308 | BANT-3308 | BANT-4308.

Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

ANTH-4311 (3) Human Paleopathology (3 hrs Lecture)

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.

Cross-listed: BANT-4311(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and BANT-4311.

Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

ANTH-4400 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. 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.

Cross-listed: ANTH-3400(3), LING-3006(3) and LING-4006(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and LING-4400.

Requisite Courses: ANTH-2400 or permission of the instructor [prerequisite(s)].

ANTH-4406 (3) Comparative Indo-European Linguistics and Mythology (3 hrs Lecture) This course

proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo-European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto-culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: ANTH-3406(3), LING-3102(3) and LING-4102(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3406 | LING-3102 | LING-4102.

ANTH-4411 (3) Indigenous Languages of South

America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.

Cross-listed: ANTH-3411(3), LING-3104(3), LING-4104(3), and IS-3104(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3411 | LING-3104 | LING-4104 | IS-3104.

ANTH-4429 (3) Indig Language Mentorship (3 hrs

Apprenticeship/Internship/Practicum) This course provides an opportunity for Indigenous language learners to work with proficient speakers in a mentoring/apprenticeship context to develop language proficiency and communicative competence. Students learn how to identify and build relationship with a mentor, how to develop goals and plans for one-on-one language learning, and how to evaluate progress. By the end of the course, students communicate at a proficiency level higher than that with which they began the course and are equipped for lifelong language learning beyond University. This course may be repeated for credit when the level or type of language varies.

Restrictions: Instructor Permission Required.

APPLIED COMPUTER SCIENCE

ACS-1453 (3) Introduction to Computers (3 hrs Lecture) This course introduces students to the basic concepts of computers: types of computers, hardware, software, and types of application systems. Students receive instruction in a variety of software intended for personal use. Software used include word processing, spreadsheets, databases, charting and graphing tools, and common Internet clients and resources. There is an extensive laboratory component.

Note: This course does not apply toward the Major or the Minor in Applied Computer Science.

ACS-1803 (3) Introduction to Information Systems (3 hrs Lecture) 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(3).

ACS-1805 (3) Introduction to Programming (3 hrs Lecture | 1 hrs Lab) 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.

Requisite Courses: ACS-1805L (lab) (must be taken concurrently).

ACS-1809 (3) Website Design and Development (3 hrs Lecture) This course introduces students to the concepts, programming skills, and tools related to website design and development. The topics include: website layout; creating tables, frames, menus and forms; presenting multimedia on web pages; and Internet Protocols such as HTTP and FTP. Students gain hands-on programming experience in designing websites using HTML and Cascading Style Sheets.

ACS-1903 (3) Programming Fundamentals I (3 hrs Lecture | 1 hrs Lab) 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.

Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S or ACS-1805 with a minimum grade of C [prerequisite(s)]; ACS-1903L (lab) (must be taken

concurrently).

ACS-1904 (3) Programming Fundamentals II (3 hrs Lecture | 1 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and ACS-1905 | BUSC-1901 | BUSC-1902 | BUS-1904 | BUSC-1905

Requisite Courses: ACS-1903 with a minimum grade of C [prerequisite(s)]; ACS-1904L (lab) (must be taken concurrently).

ACS-1905 (3) Programming Fundamentals (3 hrs Lecture | 1 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and ACS-1904 | BUSC-1901 | BUSC-1902 | BUSC-1905.

Requisite Courses: Computer Science 40S or equivalent [prerequisite(s)]; and one of ACS-1805 with a minimum grade of C, Pre-Calculus Math 40S or Applied Math 40S [prerequisite(s)]; ACS-1905L (must be taken concurrently).

ACS-2102 (3) Scientific Computing (3 hrs Lecture) Many problems arising in science are too difficult to solve analytically, and thus require some form of computer based analysis. 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).

Restrictions: Students may not hold credit for this course and PHYS-2102.

ACS-2103 (3) Numeric and Symbolic Computing (3 hrs Lecture) This course provides an introduction to modern scientific software packages for numeric and symbolic computation that are commonly used in teaching, research and industry. Topics covered include functions, arrays, plotting, and data visualization. In an algorithmic self-contained way, this course introduces and discusses algebra, linear algebra, integration, differentiation, and the solution of differential equations with a focus on real world and scientific applications. Although there is no university-level mathematics prerequisite, comfort with basic algebra and rudimentary ideas in pre-calculus is assumed.

Cross-listed: PHYS-2103(3).

Restrictions: Students may not hold credit for this course and PHYS-2103.

Requisite Courses: Pre-calculus Mathematics 40S or permission of the Physics Department [prerequisite(s)]; Strongly recommended: Some knowledge in Introductory Calculus (recommended prerequisite).

ACS-2112 (3) Scientific Computing with Python (3 hrs Lecture) This course introduces the basics of Python needed for scientific computing as well as some higher level data structures and features that are uncommon in lower-level languages such as C and C++. Students learn how to write modules and functions to solve a variety of scientific problems. They also learn how to take advantage of the numerical libraries NumPy and Pandas that extend Python with high-performance vectorized calculations and visualizations. Students also explore other packages, such as matplotlib, Vega-Altair and scikit-learn.

Note: This course is appropriate for all students with an interest in scientific computing, and experience with elementary computer programming is recommended.

Cross-listed: PHYS-2112(3).

Restrictions: Students may not hold credit for this course and PHYS-2112.

ACS-2803 (3) Physical Computing: Interacting with the Real World (3 hrs Lecture | 3 hrs Lab) This course introduces computing systems that interact with the physical world. Designing systems of this type involves a combination of software and hardware development. Students are introduced to software development for microcontrollers or single board computers, with a focus on interfacing to sensors and serial communication. Hardware topics include basic circuit theory as well as components such as light emitting diodes (LEDs). In the lab, students get hands-on experience constructing and troubleshooting circuits as well as controlling hardware with software.

Cross-listed: PHYS-2803(3)

Restrictions: Students may not hold credit for this course and PHYS-2803.

Requisite Courses: complete 18 credits [prerequisite(s)]; ACS-2803L (lab) (must be taken concurrently).

ACS-2814 (3) Applications of Database Systems (3 hrs Lecture | 1 hrs Lab) 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: Students may not hold credit for this course and ACS-2914.

Requisite Courses: ACS-2814L (lab) (must be taken concurrently).

ACS-2816 (3) Health Information Systems (3 hrs Lecture) This course provides an overview of the important topics in Health Informatics. It discusses data as the building block for health care information including the basic concepts of data flow, data storage, and health record management within both private and public health care systems. It then addresses important issues such as security, privacy, and standards.

Requisite Courses: ACS-1803 with a minimum grade of C or permission of the Department Chair [prerequisite(s)].

ACS-2821 (3) Information Security in Business (3 hrs Lecture) The course focuses on the business aspect of information security, what information security is, and why it's important to businesses. Aside from security technologies that can be implemented to safeguard assets, aspects of governance and management of information security are considered. The development of good corporate information technologies policies and procedures, management of operational framework and controls, and information security culture and awareness are discussed in this course.

Requisite Courses: A minimum grade of C in ACS-1803(3) [prerequisite(s)].

ACS-2906 (3) Computer Architecture and System Software (3 hrs Lecture | 1 hrs Lab) 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 are covered. Other topics include language processors, system utilities, security issues, and performance management. The course provides students a hands-on experience of programming at different levels such as high level, assembly, and machine code.

Requisite Courses: ACS-1904 or ACS-1905 with a minimum grade of C [prerequisite(s)]; ACS-2906L (lab) (must be taken concurrently).

ACS-2909 (3) Internet Programming (3 hrs Lecture) This course provides students with an overview of Internet and World Wide Web programming, development tools, resources, utilities, multimedia, and security issues. Students will gain hands-on experience in a scripting language such as JavaScript, Rich Internet Applications (RIAs), Web Services, and Mobile Application Development. Students not familiar with HTML and CSS are strongly encouraged to take ACS-1809(3).

Requisite Courses: ACS-1903 or ACS-1905 with a minimum grade of C [prerequisite(s)].

ACS-2913 (3) Software Requirements Analysis and Design (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and ACS-2911 | ACS-2912.

Requisite Courses: ACS-1903 or ACS-1905 with a minimum grade of C [prerequisite(s)].

ACS-2916 (3) Business Application Systems (3 hrs Lecture | 1 hrs Lab) 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.

Requisite Courses: ACS-1803 with a minimum grade of C [prerequisite(s)]; ACS-2916L (lab) (must be taken concurrently).

ACS-2941 (3) Unix (3 hrs Lecture) 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.

Requisite Courses: ACS-1903 or ACS-1805 with a minimum grade of C [prerequisite(s)].

ACS-2947 (3) Data Structures and Algorithms (3 hrs Lecture | 1 hrs Lab) 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.

Requisite Courses: ACS-1904 or ACS-1905 with a minimum grade of C [prerequisite(s)]; ACS-2947L (lab) (must be taken concurrently).

ACS-2951 (3) System Administration and

Networking (3 hrs Lecture) 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.

Note: In addition to Le3 there is also a La1.

Requisite Courses: ACS-2941 with a minimum grade of C [prerequisite(s)].

ACS-3700 (3) Health Informatics Practicum (3 hrs Apprenticeship/Internship/Practicum) Health Informatics Practicum is a work placement in a healthcare environment. The course facilitates professional working experience in a sponsoring health-related organization. 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. Approval must be obtained from the supervising faculty member as well as from the Department Chair before enrollment.

Note: This course can only be taken once for credit towards a 3-year BA/BSc ACS degree program (Health Informatics Stream). Requisites: Students should normally have completed 30 credit hours in the Health Informatics Stream and a 3.0 GPA or Department Chair's permission. **Cross-listed:** COOP-3999(0 or 3).

Restrictions: Department Permission Required. Students may not hold credit for this course and COOP-3999.

ACS-3801 (3) Principles in Information Systems (3 hrs Lecture) This course is the final course for the 3 year degree in the Information Systems and the Health Informatics streams. 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.

Restrictions: Students may not hold credit for this course and ACS-3901 | BUSC-3901 | BUSC-3920.

Requisite Courses: ACS-2814 (or the former ACS-2914), ACS-2909, ACS-2913, and ACS-2816 or ACS-2916 with a minimum grade of C [prerequisite(s)].

ACS-3830 (3) Topics in Information Systems (3 hrs Lecture) 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.

Requisite Courses: ACS-2814, ACS-2909, ACS-2913, and ACS-2916 with a minimum grade of C and permission of the Department Chair [prerequisite(s)].

ACS-3901 (3) Principles of Software Project Management

(3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course

and ACS-3801 | BUSC-3901 | BUSC-3920.

Requisite Courses: ACS-1904, ACS-2913 (or the former ACS-2911 and ACS-2912), and ACS-2814 (or the former ACS-2914), with a minimum grade of C [prerequisite(s)].

ACS-3902 (3) Database Systems (3 hrs Lecture) 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.

Requisite Courses: ACS-2814 (or the former ACS-2914) with a minimum grade of C [prerequisite(s)].

ACS-3907 (3) eCommerce (3 hrs Lecture) In this course our students explore new opportunities, risks, and technologies related to electronic commerce. Both business and technical issues are addressed. Business issues include the role of eCommerce in the marketing plan and organizational strategy in both business-to customer and business-to-business contexts. Technical topics include architecture, application models, payment strategies and security. This course is designed for double majors in Applied Computer Science and Business and Administration.

Note: For students who are not familiar with HTML and CSS, it is strongly recommended to take ACS-1809 prior to enrolling in ACS-3907.

Requisite Courses: ACS-1803 with a minimum grade of C or permission of the Department Chair [prerequisite(s)]; ACS-1809 or ACS-2909 (must be taken previously or at the same time as this course).

ACS-3909 (3) Advanced Internet Programming (3 hrs Lecture) 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.

Requisite Courses: ACS-1904, ACS-2909, ACS-2814 (or the former ACS-2914) with a minimum grade of C [prerequisite(s)].

ACS-3911 (3) Computer Networks (3 hrs Lecture) This course is an introduction to fundamental concepts in computer networks. It 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.

Restrictions: Students may not hold credit for this course and ACS-3811.

Requisite Courses: ACS-2909 and ACS-2913 (or the former ACS-2911 and ACS-2912) with a minimum grade of C [prerequisite(s)].

ACS-3913 (3) Software Design and Architecture (3 hrs Lecture) 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).

Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3916 (3) Human Computer Interaction (3 hrs Lecture) This course covers the fundamentals and concepts of design, implementation, and evaluation of human-computer interfaces. Topics include human cognitive aspects; user-centered design; design goals and principles; interface and interaction types; prototyping and construction; and evaluation methods. In order to make a balance between theory and practice, emphasis is placed on a course-end project involving design, implementation and evaluation of the user interface for a specific application.

Restrictions: Students may not hold credit for this course and ACS-3816.

Requisite Courses: ACS-2909 and ACS-2814 (or the former ACS-2914) with a minimum grade of C [prerequisite(s)].

ACS-3921 (3) Computer Security and Privacy (3 hrs Lecture | 1 hrs Lab) This course introduces students to the security and privacy issues in computer systems. It covers the fundamental computer security techniques such as encryption methods, public key cryptography, hash function and signature schemes, key exchange protocols, authentication and access control models. The course also examines the applications of these techniques for multimedia security, intrusion detection, copyright and password protection, and protection from malicious programs. Privacy preserving techniques such as data aggregation, perturbation, k-anonymity and l-diversity, and ethical issues are also discussed. Students at the ACS-4921(3) level additionally undertake comprehensive project on a topic related to computer security and privacy.

Cross-listed: ACS-4921(3).

Restrictions: Students may not hold credit for this course and ACS-4921.

Requisite Courses: ACS-2906 and ACS-2947 with a minimum grade of C, or permission of the Department Chair [prerequisite(s)]; Take ACS-3921L (must be taken concurrently).

ACS-3922 (3) Introduction to Game Development (3 hrs Lecture) This course is an introduction to game design and development, with a focus on the development of 2D and 3D interactive video games. Topics include the iterative process of game design: analysis, design, prototyping, development, and playtesting; game architecture and mechanics, working with art assets (sprites, textures and models), animation, collision detection, basic artificial intelligence, game management, game user interface,

development and deployment for different platforms. Through the exploration of classic video game designs and the use of industry-standard game development tools, students gain hands-on practical experience and a thorough understanding of the basics of game design and development.

Restrictions: Students may not receive credit for this course and ACS-3930 with Game Development as a topic.

Requisite Courses: ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3923 (3) Technical Communications in ICT

Professions (3 hrs Lecture) This course addresses written and oral communication in Information and Communication Technology (ICT) work environments. Effective communication with technical personnel, system users and organizational executives are emphasized. This will include items of business correspondence, common technical documents in system development and items of end-user documentation. Students will not only learn about content and format of items of writing but will also develop writing skills through numerous practical exercises. Oral communication in requirements elicitation, meetings, and professional presentations will also be included.

Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) with a minimum grade of C or permission of the Department Chair [prerequisite(s)].

ACS-3930 (3) Topics in Applied Computer Science (3

hrs Lecture) This course treats specific topics in various areas of applied computer science of interest to the student and faculty member.

Restrictions: Students may not hold credit for this course and BUSC-3930.

Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3931 (3) Principles of Operating Systems (3 hrs

Lecture) 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.

Requisite Courses: ACS-2906 and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3941 (3) Implementation Issues in Object

Oriented Languages (3 hrs Lecture) This course focuses on advanced features of a contemporary OO language. Emphasis is on implementation issues and strengthening programming skills of students.

Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3947 (3) Algorithm Design (3 hrs Lecture) 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.

Requisite Courses: ACS-2913 (or the former ACS-2911 and ACS-2912) and ACS-2947 with a minimum grade of C [prerequisite(s)].

ACS-3953 (3) Introduction to Artificial Intelligence (3

hrs Lecture) This course introduces the core concepts of Artificial Intelligence (AI) and practical implementation using Python. Students explore AI agents, heuristic and local search strategies, constraint satisfaction problems, adversarial search in games, and logical agents. The curriculum emphasizes solving real-world problems such as optimization, game strategy, and logical reasoning through hands-on projects and examples. By the end of the course, participants have a solid foundation in AI principles and the Python skills needed to develop intelligent solutions, preparing them for advanced study or careers in AI and related fields.

Note: Students not familiar with Python are strongly encouraged to take ACS-1905(3) or ACS/PHYS-2112(3).

Restrictions: Students may not receive credit for this course and ACS-3930 with Introduction to Artificial Intelligence as a topic.

Requisite Courses: ACS-2947, one of MATH-1101, MATH-1103, MATH-1104, MATH-1201, MATH-1401, and any 3 credit hour Statistics course at or above the 1000 level with a minimum grade of C [prerequisite(s)].

ACS-4306 (3) Applied Parallel Programming (3 hrs

Lecture | 1 hrs Lab) This course focuses on parallel and distributed computing in high-performance scientific application, using the parallel execution model, a generalization of the traditional single threaded paradigm. The course covers multi-core processors, concurrency, parallel execution, latency, communication and coordination among processes, message passing, shared-memory models, optimization techniques, parallel algorithms, decomposition strategies, system architecture, and performance analysis and tuning. Using the language C/C++, students gain hands on experience writing scalable parallel applications for Graphics Processing Units.

Note: Students who have taken ACS-4306 will not be eligible to take the Master of Science course GACS-7306.

Requisite Courses: ACS-2947 with a minimum grade of C+ and ACS-3913 with a minimum grade of C [prerequisite(s)]; ACS-4306L (lab) (must be taken concurrently).

ACS-4901 (6) Senior Systems Development Project

(3 hrs Lecture | Project / Thesis) 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.

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and BUSC-3920 | BUSC-4901.

Requisite Courses: ACS-2814 (or the former ACS-2914), ACS-3901, ACS-3902, ACS-3909 and ACS-3913 with a minimum grade of C, and a minimum Average GPA of 2.0 in all ACS-xxxx courses previously taken [prerequisite(s)].

ACS-4902 (3) Advanced Database Systems (3 hrs Lecture) 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.

Requisite Courses: ACS-2947 and ACS-3902 with a minimum grade of C [prerequisite(s)].

ACS-4904 (3) Data Warehousing (3 hrs Lecture) 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.

Requisite Courses: ACS-3902 with a minimum grade of C [prerequisite(s)].

ACS-4906 (3) Conceptual Modeling (3 hrs Lecture) This course explores the role of conceptual modeling in the development of information systems. A conceptual model is an abstraction of reality that serves as a communication mechanism between the stakeholders of a system and its developers. The course covers various approaches proposed for conceptual modeling including UML, EERD, and ORM. Students gain considerable practical experience with pertinent software tools.

Requisite Courses: ACS-3902 with a minimum grade of C [prerequisite(s)].

ACS-4921 (3) Computer Security and Privacy (3 hrs Lecture | 1 hrs Lab) This course introduces students to the security and privacy issues in computer systems. It covers the fundamental computer security techniques such as encryption methods, public key cryptography, hash function and signature schemes, key exchange protocols, authentication and access control models. The course also examines the applications of these techniques for multimedia security, intrusion detection, copyright and password protection, and protection from malicious programs. Privacy preserving techniques such as data aggregation, perturbation, k-anonymity and l-diversity, and ethical issues are also discussed. Students at the ACS-4921 level additionally undertake a comprehensive project on a topic related to computer security and privacy.

Cross-listed: ACS-3921(3).

Restrictions: Students may not hold credit for this course

and ACS-3921.

Requisite Courses: ACS-2906 and ACS-2947 with a minimum grade of C or permission of the Department Chair [prerequisite(s)]; ACS-4921L (must be taken concurrently).

ACS-4930 (6) Research Project in Applied Computer Science (3 hrs Directed Reading) 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.

Restrictions: Department Permission Required. Students may not hold credit for this course and BUSC-4930.

Requisite Courses: 30 credit hours of course work in Applied Computer Science and written permission from the Department Chair [prerequisite(s)].

ACS-4931 (3) Research Project in Applied Computer Science (3 hrs Directed Reading) 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.

Restrictions: Department Permission Required. Students may not hold credit for this course and BUSC-4931.

Requisite Courses: 30 credit hours of course work in Applied Computer Science and written permission from the Department Chair [prerequisite(s)].

ACS-4953 (3) Introduction to Machine Learning (3 hrs Lecture) 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.

Requisite Courses: ACS-3902, one of MATH-1101, MATH-1103, MATH-1104, MATH-1201, MATH-1401, and any 3 credit hour Statistics course at or above the 1000 level with a minimum grade of C [prerequisite(s)].

ACS-4954 (3) Introduction to Distributed Systems (3 hrs Lecture) 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.

Requisite Courses: ACS-2906, ACS-3911 or ACS-3931 and one of the Math courses MATH-1101, MATH-1103, MATH-1104, MATH-1201, MATH-1401 with a minimum grade of C [prerequisite(s)].

BIOANTHROPOLOGY

BANT-2119 (3) Medical Anthropology (3 hrs Lecture)

Medical anthropology is a subfield of anthropology. It informs our understandings of the experiences and distribution of health, the prevention and the treatment of the sick in different cultural groups and the role of pluralistic medical systems. Critical health disparities between marginalized populations in developed countries as well as between developing and developed countries are increasingly prevalent and complex in nature. This course looks at ethnomedicine, disease ecology and Indigenous perspectives on health and illness.

Cross-listed: ANTH-2119(3).

Restrictions: Students may not hold credit for this course and ANTH-2119.

Requisite Courses: ANTH-1001(6), ANTH-1002(3) or ANTH-1005(3) or permission of the instructor [prerequisite(s)].

BANT-2216 (3) Archaeology in Popular Culture (3 hrs Lecture) From Indiana Jones to Tomb Raider to YouTubers covering the discovery and excavation of prior sites of human occupation, Archaeology holds a special place in the public imagination. Archaeologists have been depicted in popular culture through many formats, including movies and TV shows, literature and comics, news media, video games and more. This course critically assesses the ways in which archaeology is presented to the general public, by both archaeologists and non-archaeologists, and evaluates how the representation of archaeologists matters (or should matter) to a general audience.

Cross-listed: ANTH-2216(3).

Restrictions: Students may not hold credit for this course and ANTH-2216.

Requisite Courses: Minimum 18 credit hours in any subject or permission of the instructor [prerequisite(s)].

BANT-2300 (3) Method and Theory in Biological

Anthropology (3 hrs Lecture) 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.

Cross-listed: ANTH-2300(3).

Restrictions: Students may not hold credit for this course and ANTH-2300.

Requisite Courses: ANTH-1001 or ANTH-1003 or any 1000-level Biology course, or permission of the instructor [prerequisite(s)].

BANT-2304 (3) Introduction to Forensic Anthropology

(3 hrs Lecture) 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.

Cross-listed: ANTH-2304(3).

Restrictions: Students may not hold credit for this course and ANTH-2304.

Requisite Courses: Completion of 30 credit hours [prerequisite(s)].

BANT-3206 (3) The Origins of Human Culture (3 hrs Lecture) 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.

Cross-listed: ANTH-3206(3), ANTH/BANT-4206(3).

Restrictions: Students may not hold credit for this course and ANTH-3202 | ANTH-3206 | ANTH-4206 | BANT-4206.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

BANT-3207 (3) Zooarchaeology (3 hrs Lecture) 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.

Cross-listed: ANTH-3207(3).

Restrictions: Students may not hold credit for this course and ANTH-3207.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

BANT-3306 (3) Human Osteology (3 hrs Lecture) 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.

Cross-listed: ANTH-3306(3).

Restrictions: Students may not hold credit for this course and ANTH-3306 | ANTH-4306.

Requisite Courses: Credit in at least one course in Physical/Biological Anthropology, or permission of the instructor [prerequisite(s)].

BANT-3308 (3) Human Evolution (3 hrs Lecture) 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.

Cross-listed: ANTH-3308(3), ANTH/BANT-4308(3).

Restrictions: Students may not hold credit for this course and ANTH-3308 | ANTH-4308 | BANT-4308.

Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

BANT-4001 (3 or 6) Directed Readings/Research in Anthropology (3 hrs Directed Reading) 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.

Cross-listed: ANTH-4001

Restrictions: Instructor Permission Required. Honours Form Required.

BANT-4011 (6) Anthropology Honours Thesis (3 hrs Thesis) This course is intended for but not restricted to students in the Honours program. Students undertake an independent research project in an area of anthropological interest. Presentation of the results verbally and in thesis form to the Anthropology Department is an integral part of the course. Each project is supervised by a faculty member.

Cross-listed: ANTH-4011(6).

Restrictions: Department Permission Required. Instructor Permission Required. Students may not hold credit for this course and ANTH-4011.

Requisite Courses: 9 credit hours from ANTH-2100, ANTH-2200, ANTH-2300, or ANTH-2400 (as appropriate to the thesis topic) plus at least 6 credit hours at the 3000 level and 6 credit hours from the 4000 level [prerequisite(s)].

BANT-4206 (3) The Origins of Human Culture (3 hrs Lecture) 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.

Cross-listed: ANTH/BANT-3206(3), ANTH-4206(3).

Restrictions: Students may not hold credit for this course and ANTH-3202 | ANTH-3206 | ANTH-4206 | BANT-3206.

Requisite Courses: ANTH-2200 or permission of the instructor [prerequisite(s)].

BANT-4212 (3) Advanced Zooarchaeology (3 hrs Lecture) 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.

Cross-listed: ANTH-4212(3).

Restrictions: Students may not hold credit for this course and ANTH-4212.

Requisite Courses: ANTH-3207 or BANT-3207 or permission of the instructor [prerequisite(s)].

BANT-4230 (6) International Field School (Project / Thesis with variable meeting hours) This field school in Archaeology and Bioarchaeology provides in-depth training in excavation, documentation, and analysis of material from an archaeological site and is typically located outside Canada (previous sessions were held in Serbia and Jamaica). Undergraduate students from University of Winnipeg are given preference in registration, however, the field course is open to upper undergraduate and graduate students from other universities. Students are required to consult the Department Chair regarding the yearly location of the field course.

Cross-listed: ANTH-4230(6).

Restrictions: Instructor Permission Required. Students may not hold credit for this course and ANTH-4230.

Requisite Courses: ANTH-2200 and ANTH-2300 [prerequisite(s)].

BANT-4303 (3) Problems in Human and Primate Evolution (3 hrs Seminar/Discussion) This is an advanced seminar designed to examine selected aspects of human and/or primate evolution in detail.

Restrictions: Students may not hold credit for this course and ANTH-4303.

Requisite Courses: At least one course in Biological Anthropology or permission of the instructor [prerequisite(s)].

BANT-4305 (3) Problems in Biological Anthropology (3 hrs Lecture) This is an advanced seminar designed to examine selected aspects of method and/or theory in biological anthropology. This course may be repeated for credit when the topic varies.

Cross-listed: ANTH-4305(3).

Restrictions: Students may not hold credit for this course and ANTH-4305.

Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

BANT-4307 (3) Advanced Human Osteology (3 hrs Seminar/Discussion) 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.

Note: Permission of the Department Chair is required to register. Students registering with a GPA of less than 3.0 in Anthropology require the instructor's signature.

Cross-listed: ANTH-4307(3).

Restrictions: Students may not hold credit for this course and ANTH-4304 | ANTH-4307.

Requisite Courses: ANTH-3306 (or the former

ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

BANT-4308 (3) Human Evolution (3 hrs Lecture) 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.

Cross-listed: ANTH-4308(3), ANTH/BANT-3308(3).

Restrictions: Students may not hold credit for this course and ANTH-3308 | ANTH-4308 | BANT-3308.

Requisite Courses: ANTH-2300 or BANT-2300 or permission of the instructor [prerequisite(s)].

BANT-4311 (3) Human Palaeopathology (3 hrs Lecture)

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.

Cross-listed: ANTH-4311(3).

Restrictions: Students may not hold credit for this course and ANTH-4311.

Requisite Courses: ANTH-3306 (or the former ANTH-4306) or BANT-3306 or permission of the instructor [prerequisite(s)].

BIOLOGY

BIOL-1005 (6) Concepts in Science (3 hrs Lecture) 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.

Cross-listed: MULT-1005(6) and PHYS-1005(6).

Restrictions: Students may not hold credit for this course and MULT-1005 | PHYS-1005.

BIOL-1102 (6) Biology and Human Concerns (3 hrs Lecture) 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 (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and KIN-2204.

BIOL-1106 (3) Environmental Biology (3 hrs Lecture) 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.

Note: BIOL-1106 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. 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 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 (3 hrs Lecture | 3 hrs Lab) 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.

Note: Students who wish to use this course as a prerequisite for advanced courses in Biology must obtain the permission of the Department Chair. 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 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. **Requisite Courses:** BIOL-1112L (lab) (must be taken concurrently).

BIOL-1115 (3) Cells and Cellular Processes (3 hrs Lecture | 3 hrs Lab) This course focuses on the structural components, biochemistry, and physiology of cells. Special topics include macromolecules and cellular structure and function, basics of metabolism, cellular respiration and photosynthesis, cell division, Mendelian genetics, DNA structure and replication, transcription, and translation. The laboratory component introduces students to lab procedures and further supports lecture content. This course is appropriate for students who are enrolled in a (a) a BSc in Biology, Bioanthropology, Biochemistry or Environmental Sciences, (b) a teaching major or minor in BEd, or (c) the B Stream of the BA in Developmental Studies. Cells and Cellular Processes is a prerequisite for all 2000-, 3000- and 4000-level courses in Biology It is also a required for various professional programs, including Dentistry, 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.

Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S, and Chemistry 40S [prerequisite(s)]; BIOL-1115L (lab) (must be taken concurrently).

BIOL-1116 (3) Evolution, Ecology and Biodiversity (3 hrs Lecture | 3 hrs Lab) 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. **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. Students must obtain credit in both BIOL-1115(3) and BIOL-1116(3) to satisfy the requirements for a major in Biology.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S, and Chemistry 40S [prerequisite(s)]; BIOL-1116L (lab) (must be taken concurrently).

BIOL-2101 (3) Interpretation of Data in Biological Sciences (3 hrs Lecture | 2 hrs Lab) This course introduces students to topics associated with the analysis and interpretation of scientific data. The scientific method and experimental design are discussed, along with methods and approaches to assess and interpret biological data. The lab component provides instruction in the use of

both spreadsheets and statistical software to display, summarize, and present results. Communication of data summaries using styles and formats specific to various disciplines in Biology (oral, visual, and written) are covered.

Note: It is strongly recommended that students complete STAT-1301 or STAT-1501 and RHET-1103 or RHET-1105 prior to taking this course. STAT-1302 or STAT-2001 are recommended corequisites.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; STAT-1301 or STAT-1501 and RHET-1103 or RHET-1105 (recommended to be taken previously or at the same time as this course); BIOL-2101L (must be taken concurrently).

BIOL-2111 (6) Comparative Chordate Zoology (3 hrs Lecture | 3 hrs Lab) This course deals with the functional anatomy, adaptations, and evolution of the Protochordata, Agnatha, Chondrichthyes, Osteichthyes, Amphibia, Reptilia, Aves, and Mammalia.

Restrictions: Students may not hold credit for this course and BIOL-2116.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2111L (lab) (must be taken concurrently).

BIOL-2115 (3) Biology of the Invertebrates (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2115L (lab) (must be taken concurrently).

BIOL-2116 (3) Biology of the Vertebrates (3 hrs Lecture | 3 hrs Lab) This course introduces students to the evolution, ecology, diversity, and functional anatomy of vertebrate animals including fishes, amphibians, reptiles, birds and mammals. We examine different lines of evidence used to investigate vertebrate evolution, including paleontology, evolutionary developmental biology and cladistics ("tree-thinking"). When reviewing the major groups, we focus on major transformations in vertebrate life (e.g., the basic body plan, the move from water to land, the original of flights) and the behaviour, ecology and conservation of specific groups. We highlight species of vertebrates found in Manitoba and Canada.

Restrictions: Students may not hold credit for this course and BIOL-2111.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2116L (must be taken concurrently).

BIOL-2152 (3) Introduction to Algae, Fungi and Mosses (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the morphology, life histories, evolution and ecology of the algae, fungi, mosses and their allies. Emphasis will be placed on local organisms. The laboratory work is a major component of the course.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2152L (lab) (must be taken concurrently).

BIOL-2153 (3) Biology of Vascular Plants (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2153L (lab) (must be taken concurrently).

BIOL-2301 (3) Genetics (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2301L (lab) (must be taken concurrently).

BIOL-2401 (1) Forest Field Skills Camp (3 hrs Lecture) 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, ATVs, 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.

Cross-listed: ENV-2401(1).

Restrictions: Students may not hold credit for this course and ENV-2401.

BIOL-2403 (3) Principles of Ecology (3 hrs Lecture | 3 hrs Lab) This course is concerned with general concepts in ecology. Topics covered will include energy flow, biochemical cycles, populations, communities, and human ecology.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-2403L (lab) (must be taken concurrently).

BIOL-2451 (3) Introduction to Animal Behaviour (3 hrs Lecture) 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.

Requisite Courses: BIOL-1115 and BIOL-1116 or BIOL-1102 [prerequisite(s)].

BIOL-2477 (3) Forest Measurement (3 hrs Lecture) 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.

Note: 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.

Cross-listed: ENV-2477(3)

Restrictions: Students cannot receive credit for this course and ENV-2477.

Requisite Courses: STAT-1301 or STAT-1501 (or the former STAT-1201) or PSYC-2101 or GEOG-2309 (must be taken previously or at the same time as this course).

BIOL-2902 (3) Biology of Bacteria and Archaea (3 hrs Lecture | 3 hrs Lab) This course provides an introduction to the morphology, cellular physiology, ecology and biotechnology applications of the domains Bacteria and Archaea. In the laboratory, emphasis is placed on examining the fundamental principles and methods used in culturing, characterizing, and classifying Bacteria.

Requisite Courses: BIOL-1115 and BIOL-1116 and CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-2902L (lab) (must be taken concurrently).

BIOL-3112 (3) Ecology and Evolution of Mammals (3 hrs Lecture | 3 hrs Lab) 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).

Requisite Courses: BIOL-2403 and either BIOL-2451 or

BIOL-2111 (or equivalent) [prerequisite(s)]; BIOL-3112L (lab) (must be taken concurrently).

BIOL-3152 (3) Flora of Manitoba (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-2153 [prerequisite(s)]; BIOL-3152L (lab) (must be taken concurrently).

BIOL-3163 (3) Plant Anatomy and Physiology (3 hrs Lecture) This course examines the anatomy and physiology of plants. Topics include plant and cell architecture, energy flow, acquisition and transport of resources, signal transduction, growth and allocation, and life cycles. Readings and assignments emphasize interactions between plants and their environments, interdependence between plants and other organisms, and plant adaptations to stress, disturbance, and competition.

Requisite Courses: BIOL-2153 [prerequisite(s)].

BIOL-3202 (3) Histology (3 hrs Lecture | 3 hrs Lab) This course examines the microscopic structure of vertebrate tissues and organs, with stress on mammalian histology. Consideration is also given to structure-function relationships.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-3202L (lab) (must be taken concurrently).

BIOL-3221 (3) Cell Biology (3 hrs Lecture | 3 hrs Lab) 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.

Note: 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).

Requisite Courses: BIOL-1115, BIOL-1116, CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-3221L (lab) (must be taken concurrently).

BIOL-3303 (3) Molecular Genetics and Genomics (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-2301 [prerequisite(s)]; BIOL-3303L (lab) (must be taken concurrently).

BIOL-3410 (3) Freshwater Ecology (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-2403 [prerequisite(s)]; BIOL-3410L (lab) (must be taken concurrently).

BIOL-3452 (3) Behavioural Ecology and the Prairie

Grasslands: Field Course (3 hrs Field Study) This two-week field course takes place at two significant prairie sites: Grasslands National Park in Saskatchewan, and the McIntyre Ranch in Alberta. Students learn to design and conduct observational studies on the behaviour and ecology of diverse animal species and learn about the ecology and conservation of Canada's prairie grasslands while working alongside biologists, resource professionals and people from First Nations in the region. Students stay in tents and must be prepared to live and work outside in inclement weather conditions. Students complete their research reports after returning to Winnipeg.

Restrictions: Instructor Permission Required.

Requisite Courses: BIOL-2111 or BIOL-2116 or BIOL-2403 or BIOL-2451 [prerequisite(s)].

BIOL-3471 (3) Forest Ecology (3 hrs Lecture)

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.

Cross-listed: ENV-3471(3)

Restrictions: Students may not hold credit for this course and ENV-3471.

Requisite Courses: BIOL-2403 or GEOG-2213 and GEOG-2214 or permission of the instructor [prerequisite(s)].

BIOL-3473 (3) Principles of Silviculture (3 hrs Lecture)

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.

Cross-listed: ENV-3473(3)

Restrictions: Students may not hold credit for this course and ENV-3473.

Requisite Courses: BIOL-2153 and BIOL-2403 or permission of instructor [prerequisite(s)].

BIOL-3476 (3) Forest Policy and Management (3 hrs

Lecture) This course addresses 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 specialty 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 natural landscapes is reviewed under ever changing environmental codes and restrictions and the need to produce "green products."

Cross-listed: ENV-3476(3).

Restrictions: Students may not hold credit for this course and ENV-3476.

BIOL-3492 (3) Quantitative and Theoretical Biology (3

hrs Lecture) This course explores quantitative and theoretical biology. Topics include the relationship of theory to data, hypothesis testing, spreadsheet modelling, bootstrapping and other resampling methods.

Requisite Courses: BIOL-2301 and BIOL-2403 [prerequisite(s)].

BIOL-3562 (3) Human Reproductive Biology (3 hrs

Lecture) 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.

Requisite Courses: BIOL-1115 and BIOL-1116, or BIOL-1102 or BIOL-1103 or BIOL-1112 [prerequisite(s)].

BIOL-3563 (3) Human Embryology (3 hrs Lecture)

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.

Requisite Courses: BIOL-1115 and BIOL-1116, or BIOL-1102 or BIOL-1103 or BIOL-1112 [prerequisite(s)].

BIOL-3602 (3) Comparative Animal Physiology I (3 hrs

Lecture | 3 hrs Lab) This course introduces the concepts of physiological homeostasis, physiological control systems and excitable cells. Principal topics are nerve physiology, muscle physiology and cardiovascular physiology.

Requisite Courses: BIOL-1115 and BIOL-1116 [prerequisite(s)]; BIOL-3602L (lab) (must be taken concurrently); CHEM-1111 and CHEM-1112 (recommended to be taken previously or at the same time as this course).

BIOL-3603 (3) Comparative Animal Physiology II (3

hrs Lecture | 3 hrs Lab) This course continues the study of animal physiology. Principal topics are respiratory physiology, whole animal metabolism, osmoregulation,

digestion and endocrine physiology.

Requisite Courses: BIOL-3602 or permission of the instructor [prerequisite(s)]; BIOL-3603L (lab) (must be taken concurrently).

BIOL-3702 (3) Parasites and Disease (3 hrs Lecture)

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.

Requisite Courses: BIOL-2115 or permission of the instructor [prerequisite(s)].

BIOL-3703 (3) Ectoparasitology (3 hrs Lecture)

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.

Requisite Courses: BIOL-2115 or permission of the instructor [prerequisite(s)].

BIOL-3801 (3) General Entomology (3 hrs Lecture | 3

hrs Lab) The course deals with the life history, structural and behavioral adaptations, and the economic effects of insects, and insect control. The laboratory period will include the collection, preservation, dissection and identification of insects.

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.

Requisite Courses: BIOL-2115 [prerequisite(s)]; BIOL-3801L (lab) (must be taken concurrently).

BIOL-3901 (3) Microorganisms and Disease (3 hrs

Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-2902 and CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-3901L (lab) (must be taken concurrently).

BIOL-3902 (3) Microbial Ecology (3 hrs Lecture)

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.

Requisite Courses: BIOL-2902 [prerequisite(s)].

BIOL-3910 (3) Summer Institute in Infectious

Diseases (3 hrs Lecture)

BIOL-4111 (6) Biology Honours Thesis (3 hrs Project /

Thesis) 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.

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.

Restrictions: Department Permission Required.

Requisite Courses: BIOL-1115 and BIOL-1116, 24 credit hours of coursework in Biology at or above the 2000 level, 1 course from STAT-1301, STAT-1201, STAT-1501, or PSYC-2101, and a minimum GPA of 3.0 in Biology, and an overall GPA of 2.75, or permission of the Department Chair [prerequisite(s)].

BIOL-4112 (3) Fish Biology and Conservation (3 hrs

Lecture | 3 hrs Lab) This course presents the biology of fishes, including their morphology, physiology, behaviour, ecology, evolution, and distribution. Students study human interactions with fishes and conservation of fish stocks in Manitoba and Canada.

Requisite Courses: BIOL-2111 or BIOL-2116 or BIOL-2403 or permission of the instructor [prerequisite(s)]; BIOL-4112L (lab) (must be taken concurrently).

BIOL-4191 (3) Directed Studies in Biology (3 hrs

Directed Reading) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: BIOL-1115 and BIOL-1116 and 4 other Biology courses above the 1000 level

[prerequisite(s)].

BIOL-4303 (3) Population Genetics (3 hrs Lecture) 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.

Requisite Courses: BIOL-2301 [prerequisite(s)].

BIOL-4304 (3) Current Topics in Genetics and Genomics (2.5 hrs Lecture Project / Thesis with variable meeting hours) The field of Genetics has experienced fast changes during the last years. Advances in molecular technologies and computer sciences make it feasible to address old questions and raise new ones. This course is a combination of lectures, readings/writing, oral presentations and discussions that examine current topics in the field of genetics and genomics. Topics to be taught for this iteration of the course include genome variation and comparative genomics, evolutionary genetics, developmental genetics, and genomes and human health. **Experimental Course** - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and GBIO-7304.

Requisite Courses: BIOL-2301 and BIOL-3303 [prerequisite(s)].

BIOL-4331 (3) Evolutionary Biology (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and BIOL-3331.

Requisite Courses: BIOL-2301 and BIOL-2403, and 1 course from BIOL-2111, BIOL-2115, BIOL-2152, BIOL-2153, BIOL-2113, or BIOL-2114 [prerequisite(s)].

BIOL-4402 (3) Current Topics in Ecology (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this class and GBIO-7402.

Requisite Courses: BIOL-2403 and either BIOL-3471 or BIOL-3902 or permission of the instructor [prerequisite(s)].

BIOL-4411 (3) Water Quality and Health (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: BIOL-1115 and BIOL-1116 and CHEM-1111 and CHEM-1112 [prerequisite(s)]; BIOL-4411L (lab) (must be taken concurrently); CHEM-2202 and CHEM-2203 (recommended prerequisite).

BIOL-4451 (2) Forest Ecosystems Field Course (3 hrs Field Study) 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.

Note: This course is intended for students enrolled in the Forest Ecology and Forest Policy and Management Program in Environmental Studies and Sciences. Students not in this program but wishing to take this course need the permission of the instructor.

Cross-listed: ENV-4451(3)

Restrictions: Students may not hold credit for this course and ENV-4451

Requisite Courses: BIOL-2153 and BIOL-2403 or permission of the instructor [prerequisite(s)].

BIOL-4453 (3) Wetlands Ecosystems Field Course (3 hrs Field Study | 3 hrs Lab) 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 emphasised.

Requisite Courses: BIOL-2403 (or the former BIOL-3403) or BIOL-3402 [prerequisite(s)].

BIOL-4471 (3) Ecological Methods (3 hrs Lecture | 3 hrs Lab) This course deals with the statistical properties and analysis of ecological data. Students study the practical and conceptual bases of good statistical practice 'from the ground up', including study design, presentation of scientific results, and high quality graphics. Topics include the nature of data and variables, exploratory analysis, statistical distributions and probability, study design, replication, and pseudoreplication. Students use real ecological data sets to perform simple and multiple linear regression, ANOVA, and ANCOVA. In the laboratory, students learn how to use the R open source statistical language to produce high quality graphics and to perform elementary statistical programming.

Requisite Courses: GEOG-2203 or BIOL-2403 or BIOL-3471, and 1 course from STAT-1301, STAT-1501,

GEOG-2309, GEOG-2310 or BIOL-3492, or permission of the instructor [prerequisite(s)]; BIOL-4471L (lab) (must be taken concurrently).

BIOL-4473 (3) Dendrochronology: Principles and Applications (3 hrs Lecture | 3 hrs Lab) 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.

Cross-listed: ENV-4473(3)

Restrictions: Students may not hold credit for this course and ENV-4473.

Requisite Courses: BIOL-2403 and BIOL-2153 or permission of the instructor [prerequisite(s)]; BIOL-4473L (lab) (must be taken concurrently).

BIOL-4474 (3) Forest Health and Protection (3 hrs Lecture) 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. Students focus on the impact of forest health activities on the general ecological components of forest systems and the relationship between forest successions. Students examine the evolution of Canadian forestry protection policy and industry regulation.

Cross-listed: ENV-4474(3)

Restrictions: Students may not receive credit for this course and ENV-4474.

Requisite Courses: BIOL-2403 or permission of the instructor [prerequisite(s)].

BIOL-4475 (3) Urban Forestry (3 hrs Lecture | 3 hrs Lab) 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. Students discuss the development of urban forest planning and management. Students study the role of Canadian policies and regulations in influencing urban forest tree species and integration of urban forests into our communities.

Cross-listed: ENV-4475(3)

Restrictions: Students may not hold credit for this course and ENV-4475.

Requisite Courses: BIOL-2403 or permission of instructor [prerequisite(s)]; BIOL-4475L (lab) (must be taken concurrently).

BIOL-4501 (3) Developmental Biology (3 hrs Lecture | 3

hrs Lab) 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.

Requisite Courses: BIOL-3221 [prerequisite(s)]; BIOL-4501L (lab) (must be taken concurrently); BIOL-2301 and CHEM-3502 and CHEM-3503 (recommended prerequisite).

BIOL-4502 (3) Molecular Cell Biology (3 hrs Lecture)

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.

Requisite Courses: BIOL-2301 and BIOL-3221 and CHEM-3502 and CHEM-3503 [prerequisite(s)]; BIOL-3303 (or the former BIOL-3302 or BIOL-4302) (must be taken previously or at the same time as this course).

BIOL-4601 (3) Ecological Animal Physiology (3 hrs

Lecture) 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.

Requisite Courses: CHEM-1111 and CHEM-1112, and any one of the following: BIOL-2111, or BIOL-3602 and BIOL-3603, or CHEM-3502 and CHEM-3503 [prerequisite(s)].

BIOL-4602 (3) Field Research in Animal Ecology and

Energetics (3 hrs Field Study) 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.

Note: Permission of the instructor is required to register.

Requisite Courses: BIOL-2403 or BIOL-2451 or BIOL-3602 or BIOL-3603 or BIOL-3492; a minimum of 15 credit hours of coursework in Biology at or above the 2000 level [prerequisite(s)].

BIOL-4611 (3) Comparative Endocrinology (3 hrs

Lecture) General and comparative aspects of endocrinology with a focus on the structure, function, & regulation of vertebrate systems.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: BIOL-3602 [prerequisite(s)].

BIOL-4902 (3) Microbial Physiology (3 hrs Lecture) 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.
Requisite Courses: BIOL-2902 and BIOL-3901 and CHEM-3502 and CHEM-3503 or permission of the instructor [prerequisite(s)].

BIOL-4904 (3) Virology (3 hrs Lecture) 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.
Requisite Courses: BIOL-2902 and BIOL-2301 [prerequisite(s)]; BIOL-3221 (must be taken previously or at the same time as this course).

BIOL-4931 (3) Immunology (3 hrs Lecture) 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.
Requisite Courses: BIOL-2301 and BIOL-3221 and BIOL-3901 [prerequisite(s)].

BIOL-4950 (3) Human Neurobiology (3 hrs Lecture) This course explores the field of neuroscience from a biological perspective. Neuroanatomy and cells of the nervous system are discussed in terms of cellular networks and molecular mechanisms that govern neurological function, specifically in terms of homeostasis, motor control, perception, cognition and disease processes. This course also introduces fundamental concepts in medical neurobiology, with clear examples related to human health and disease.
Requisite Courses: BIOL-3221 [prerequisite(s)].

BUSINESS AND ADMINISTRATION

BUS-1201 (3) Introduction to Business I (3 hrs Lecture)

This course introduces fundamental concepts related to current business trends, business ownership, entrepreneurship, and general management, including organizational behaviour and human resource management. Emphasis is placed on relating course material to current events in the business world. Course delivery is primarily by lecture, and may be complemented by videos and guest speakers.

Restrictions: Students may not hold credit for this course and AS-1101.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or equivalent [prerequisite(s)].

BUS-1202 (3) Introduction to Business II (3 hrs

Lecture) This course introduces basic terminology, concepts, theories and some qualitative and quantitative analytic techniques of key functional areas in business such as: accounting; finance; marketing; and, production and operations management. Student participation in an online business simulation allows students to experience a practical application of these primary business functions. Emphasis is placed on relating course material to current events in the business world. Course delivery is primarily by lecture, and may be complemented by videos and guest speakers.

Restrictions: Students may not hold credit for this course and AS-1101.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or equivalent [prerequisite(s)].

BUS-2002 (3) Fundamentals of Financial Accounting

(3 hrs Lecture) 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.

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+ [prerequisite(s)]; AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ [prerequisite(s)].

BUS-2003 (3) Managerial Accounting (3 hrs Lecture)

This course is an introduction to the accounting methods used by managers for financial evaluation and decision-making. It deals primarily with corporate management's point of view.

Requisite Courses: BUS-2002(3) with a minimum grade of C+ [prerequisite(s)].

BUS-2010 (3) Fundamentals of Financial Management and Administration (3 hrs Lecture)

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 gathering, using, and reporting of the financial information resulting from an organization's activities.

Note: May not be taken for credit if students have completed any of BUS-3003(3), BUS-3102(3), BUS-3103(3), BUS-3120(3), BUS-3550(3), BUS-3600(3), BUS-4002(3), BUS-4005(3), the former BUS-4050(3), or

BUS-4920(3).

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+ [prerequisite(s)]; AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ [prerequisite(s)].

BUS-2030 (3) Management and Financial Administration For Community Leadership (3 hrs

Lecture) As small-scale and not-for-profit structures, community-based and Indigenous 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 and management controls, financial statements and budgeting, performance measures, strategic planning and operations analysis and evaluation.

Cross-listed: UIC-2030(3) and IS-2030(3).

Restrictions: Students may not hold credit for this course and IS-2030 | UIC-2030.

Requisite Courses: UIC-1001(3); or IS-1016(3) (or HIST-1009(3)) and IS-1017(3); or the former IS-1015(6) [prerequisite(s)].

BUS-2103 (3) Fundamentals of Organizational

Behaviour (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and PSYC-2440 | PSYC-2101(6).

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+ [prerequisite(s)]; AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ [prerequisite(s)].

BUS-2210 (3) Fundamentals of Marketing (3 hrs

Lecture) This course explores concepts and theories that lay the foundation for the understanding of marketing theory and practice. Students are introduced to topics on environmental scanning, segmentation and targeting, product life-cycle and new product development, consumer behaviour, marketing research, and marketing channels and distribution.

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+ [prerequisite(s)]; AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ [prerequisite(s)].

BUS-2300 (3) Fundamentals of Co-Operatives (3 hrs

Lecture) Co-operatives have been working within our economic system for centuries. Millions of Canadians are members of co-operatives, but very few know what a co-operative actually is. This course highlights the nature of a co-operative and the unique management and governance features that exist within this business enterprise. Upon completing this course students have a basic understanding of what a co-operative is and what it

does within our economy and society. This course introduces the factors that encourage the development of co-operatives and how these factors could affect the future development of co-operatives in Canada.

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+; OR permission of the Instructor [prerequisite(s)].

BUS-2440 (3) Fundamentals of Human Resource Management (3 hrs Lecture) This course introduces students to the theory and practice of managing an organization's human resources. Topics include human resource planning, job analysis and design, recruitment and selection, onboarding, training and development, compensation and benefits, performance evaluation, employee discipline and de-selection, and labour-management influences on the employer-employee relationship. Underlying foundational concepts include employment law, diversity, and organizational strategy.

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+, [prerequisite(s)]; AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ [prerequisite(s)].

BUS-2501 (3) Fundamentals of Operations Management (3 hrs Lecture) This course introduces students to the concepts related to operations management. These include basic linear programming, product and service design, layout of production systems, materials requirement management, aggregate planning, scheduling, inventory management, forecasting, and quality control; as well as quantitative techniques to problem solving.

Requisite Courses: BUS-1201(3) and BUS-1202(3), both with a minimum grade of C+, [prerequisite(s)]; AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ [prerequisite(s)].

BUS-2755 (3) Business Planning Basics (3 hrs Lecture) This fundamentals course introduces students to the nature of entrepreneurship and necessary components for the development of a successful business plan. As part of this process, students have an opportunity to experience some of the distinctive financing, marketing, operational, management and personal challenges of starting and managing a small business or operating as a self-employed contractor. Course methodology is a combination of lecture and discussions, case studies and guest lectures.

Restrictions: Students may not hold credit for this course and BUS-3755.

Requisite Courses: KIN-1101(3) with a minimum grade of C, AND a minimum of 60 credit hours completed [prerequisite(s)].

BUS-2819 (3) Corporate Finance I (3 hrs Lecture) This course introduces students to the fundamentals of finance and presents theories and tools to be used in addressing corporate finance problems and issues. The course examines the theories and principles of financial management that relate to the practices used by corporations in the procurement, management and disbursement of capital funds. Topics include methods of capital acquisition and valuation of capital and financial

assets.

Cross-listed: ECON-2819(3).

Restrictions: Students may not hold credit for this course and ECON-2819.

Requisite Courses: BUS-2002(3) with a minimum grade of C+ OR ECON-1102(3) and ECON-1103(3), both with a minimum grade of C+ [prerequisite(s)]; AND ONE of STAT-1301(3), STAT-1401(3), STAT-1501(3) or the former STAT-1201(6) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-2820 (3) Corporate Finance II (3 hrs Lecture) This course builds on the fundamentals introduced in BUS-2819(3)/ECON-2819(3) and discusses theories and tools used for evaluating risks and returns associated with financial assets. There is an intensive study of economic theories and principles of financial management. Topics include Capital Asset Pricing Model (CAPM), market efficiency, the cost of capital, optimal capital structure, and risk management.

Cross-listed: ECON-2820(3).

Restrictions: Students may not hold credit for this course and ECON-2820.

Requisite Courses: BUS-2819(3) or ECON-2819(3), either with a minimum grade of C+; OR permission of the Instructor [prerequisite(s)].

BUS-3003 (3) Cost Accounting (3 hrs Lecture) 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).

Requisite Courses: BUS-2003(3) and BUS-2501(3), both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3102 (3) Intermediate Accounting Assets (3 hrs Lecture) This is an intermediate-level course which follows BUS-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.

Requisite Courses: BUS-2002(3) with a minimum grade of C+ [prerequisite(s)]; AND students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)]; AND take BUS-2820(3) or ECON-2820(3) (must be taken previously or at the same time as this course).

BUS-3103 (3) Intermediate Accounting Equities (3 hrs Lecture) This is an intermediate-level course which follows BUS-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.

Requisite Courses: BUS-2002(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+

(or exemption) [prerequisite(s)]; AND BUS-2820(3) or ECON-2820(3) (must be taken previously or at the same time as this course).

BUS-3110 (3) Ethics in Management (3 hrs Lecture)

This 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.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3) or the former PSYC-2440(3), either with a minimum grade of C+; AND BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with the minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3120 (3) Canadian Taxation (3 hrs Lecture) 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.

Requisite Courses: BUS-2002(3), BUS-2103(3), BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3230 (3) Advertising (3 hrs Lecture) This course provides 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.

Requisite Courses: BUS-2210(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their academic writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3240 (3) Consumer Behaviour (3 hrs Lecture) This course introduces students to concepts and theories that explain a variety of processes involved when consumers (or groups) select, purchase, use and/or dispose of products and services. Topics include the consumer decision-purchase process, perception, memory and learning, motivation, self-concept, personality, reference groups, and attitude formation and change. Students learn how to analyze and interpret marketing phenomena such as retail image/environment and persuasion in marketing communications.

Requisite Courses: BUS-2210(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3250 (3) Not-For-Profit Management (3 hrs

Lecture) This course explores the distinctive management challenges inherent in a not-for-profit organization. Topics include mission, governance, social marketing, volunteerism, fundraising, stakeholder services, and the impact of technology. Through case studies of actual not-for-profit organizations, students develop a framework for analyzing contemporary issues in the not-for-profit sector and for making management decisions in a not-for-profit context.

Requisite Courses: BUS-2210(3) or BUS-2103(3) or BUS-2440(3) or KIN-2100(3), with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3255 (3) Social Enterprise: From Theory to

Practice (3 hrs Lecture) With their multiple bottom lines (financial, social and environmental) and ultimate goal of bettering society, social enterprises are playing an increasingly important role in the current economy. This course is designed to examine the role of social enterprises, to identify and assess their different types, to explore management issues unique to social enterprises, and to measure their impacts. Students also critically analyze examples of social enterprises in Canada and elsewhere.

Requisite Courses: BUS-2103(3) or BUS-2210(3) or BUS-2440(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3260 (3) Retail Management (3 hrs Lecture) 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 emphasizes the management of merchandise resources, human resources, and financial resources, and examines trading area analysis, location/site decisions, store operations, and retail information systems.

Requisite Courses: BUS-2210(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3271 (3) Marketing Research (3 hrs Lecture) This course introduces 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 are discussed, including qualitative methods such as focus groups and in-depth interviews, as well as quantitative methods such as survey research and conjoint analysis.

Requisite Courses: BUS-2210(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3291 (3) Services Marketing (3 hrs Lecture) This course introduces students to the concepts, methods, and frameworks for effective management in the service sector, which accounts for the majority of the Canadian

economy and labour force. Examples of topics are: the GAPS model of service quality, managing demand and capacity, service innovation and design, and service recovery. Students not only obtain managerial tools for the effective management of services, but also become educated customers of service firms by adopting a critical but constructive stance as a service customer.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: BUS-2210(3) and BUS-2103(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their academic writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3300 (3) Management of Co-Operative

Organizations (3 hrs Lecture) This course is an introduction to the unique challenges involved in the management of co-operative organizations. It builds students' appreciation of co-operatives as a viable model of economic development. The course focuses on the methods by which mainstream governance, accounting, personnel, and marketing practices can be adapted to fit the co-operative model. A combination of lectures, readings, guest speakers, case studies and discussions help students develop an understanding of co-operative principles and values and the history of co-operatives. Students learn about Manitoba's co-operatives, as well as national and international co-operative networks.

Requisite Courses: BUS-2103(3) or UIC-1001(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-3301 (3) Co-operative Entrepreneurship

Enterprises (3 hrs Lecture) This course addresses the specific challenges involved in developing a co-operative enterprise. Students learn about the competitiveness and innovation in co-operatives. The course focuses on four areas of interest: 1) start-ups and scaling up models; 2) marketing the co-operative value; 3) capitalization and accounting; and 4) internationalization strategies and new enterprises. The course requires active analysis and research.

Requisite Courses: BUS-3300(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-3302 (3) Co-operative and Credit Union

Accounting and Performance Measures (3 hrs Lecture) Co-operatives and Credit Unions utilize similar accounting practices as corporate firms. What differentiates co-operatives and credit unions is the addition of social, cultural, and environmental performance measures. Many different accounting and performance measures have been developed to keep track of the social, cultural, and environmental contributions offered by co-operatives to their communities. This course examines the different strategies that co-operative firms have

adopted to measure these differentiating activities. An examination of how these accounting and performance measurements assist co-operatives in developing sustainable business practices are conducted during the course.

Requisite Courses: BUS-2002(3) or BUS-3300(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-3321 (3) Gender and Organizations

(3 hrs Lecture) Exploring gender's relevance to organizations of various types, including corporations and not-for-profits, this course addresses how gendered analysis can benefit a variety of perspectives on organizations. Taking critical and postmodern approaches to organizational theory and practice, the course considers gender with respect to such topics as leadership; management; communication; conflict resolution; diversity, inclusion, and intersectionality; power; negotiation; organizational change; organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.

Cross-listed: POL-3321(3) and WGS-3321(3).

Restrictions: Students may not hold credit for this course and POL-3321 | WGS-3321.

Requisite Courses: WGS-1232(6), BUS-2103(3), or POL-2300(3); OR permission of the Instructor [prerequisite(s)].

BUS-3410 (3) Compensation and Benefits

(3 hrs Lecture) This course presents students with the current theories on compensation, benefits, and pensions, and provides an opportunity to learn practical skills to manage compensation systems from the dual perspective of both the organization and the employee. Students explore issues surrounding compensation (direct and indirect) from the organizational perspective to ensure compliance, internal and external equity, and consider how compensation relates to strategic goals. The compensation issues are also discussed from the perspective of a current or prospective employee as they relate to motivation, satisfaction, and turnover intentions.

Requisite Courses: BUS-2002(3) or BUS-2101(3), either with a minimum grade of C+; AND BUS-2103(3) and BUS-2440(3), both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3420 (3) Recruitment and Selection

(3 hrs Lecture) Attracting, hiring, and retaining the right people is key to organizational success in a competitive global market. This course provides a conceptual and practical understanding of the key aspects of the recruitment and selection functions in Human Resource Management (HRM). The material builds on concepts and theories introduced in the Fundamentals of HRM course. Knowing how crucial good staffing decisions are to an organization's success, students learn the principles, current techniques and practical applications for recruitment and selection. Material is discussed both from the perspective of the organization and from the

perspective of potential and existing employees.

Requisite Courses: BUS-2103(3) and BUS-2440(3), both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3430 (3) Occupational Health and Safety Program Management (3 hrs Lecture)

This course covers all aspects of the planning, design, implementation, and evaluation of workplace health and safety programs. Topics include legal rights and responsibilities under the shared responsibility model, hazard recognition and mitigation, risk management, emergency planning, incident investigation and reporting, disability management, and wellness and health promotion. We also explore the social psychology of safety-related behavioural compliance with particular attention to evidence based best practices in training, motivation, and process optimization. This course covers recognition, control, and elimination of bullying, racism, ableism, and sexual and gender-based harassment.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: BUS-2440 and BUS-2103 both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3502 (3) Applications of Decision Sciences to Business (3 hrs Lecture)

This course provides students with quantitative techniques (modeling, optimization, and simulation) applicable to various areas of management: finance, marketing, and accounting. The methods presented to students serve as decision-making tools by helping the future manager to obtain the best decision under predefined criteria. Both the applicability and limitations of these techniques are discussed. Students learn a variety of quantitative techniques that are useful in dealing with complexities, such as multiple objectives and uncertainty. The course focuses on applications of quantitative methods in decision-making using software such as Excel.

Requisite Courses: BUS-2501(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3510 (3) Supply Chain Management (3 hrs

Lecture) A supply chain is a network of value-adding activities including the original acquisition of raw materials, production of the item at a manufacturing facility, distribution to a retailer, sale of the finished item to the customer, and service activities that follow the sale. How to effectively manage the supply chain is a central issue for all levels of management, regardless of industry. Students learn about updated topics and issues covered in supply chain management including supply chain design, purchasing, operations, logistics, and coordination.

Requisite Courses: BUS-2501(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+

(or exemption) [prerequisite(s)].

BUS-3520 (3) Quality Management (3 hrs Lecture)

The management of Quality has evolved over the past five decades from a reactive enforcement of minimum conformance to a proactive process and design consideration that is an important strategic competitive differentiator. This course is designed to provide students with an understanding of the basics of quality management, controlling for quality, quality standards and their implementation, designing for quality as well as the strategic implications of managing various levels of quality.

Requisite Courses: BUS-2501 with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3530 (3) Applied Operations Management (3 hrs

Lecture) This course explores the intersection of the application of operations management techniques and operations strategy to create more efficient and effective functionality within an organization. This course examines problems encountered in planning, operations, and controlling production of goods and services within an enterprise. Students learn how operations research and process improvements can be effectively applied in order to address complex business problems. Topics covered include waiting-line management, quality assurance and lean management, project management, scheduling, site and location analyses, and simulation modelling. Case studies are used to develop expertise in applications of operations management.

Requisite Courses: BUS 2501 with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3575 (3) Business Data Analytics (3 hrs Lecture)

This course introduces students to the breadth and depth to which data analytics and artificial intelligence (AI) can be applied within today's business environment. Students are introduced to various data analysis concepts and applications, such as data visualization, data mining, text and social analytics, and big data. The course explores the ethical issues and societal impacts surrounding this cutting-edge technology. Theoretical and conceptual foundations are covered through lectures and the textbook, and reinforced through extensive use of business cases.

Requisite Courses: BUS-2002(3) or BUS-2010(3), BUS-2103(3), BUS-2210(3), BUS-2440(3) and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3600 (3) Public Sector Financial Management (3

hrs Lecture) This course offers an overview of governmental units for accountants. The course deals with financial management concepts, methods, and standards used in the public sector. The focus is on the federal and provincial governments in Canada, although international issues are also covered. The course familiarizes students with planning, control, and reporting in government.

Students learn 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.

Requisite Courses: BUS-2003(3), BUS-3102(3), and BUS-3103(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3660 (3) Commercial Law (3 hrs Lecture) This course provides an introduction to the legal environment in which Canadian businesses operate. Students learn background material on the Canadian constitution, courts, and legislative system. They then discuss the most common forms of business organization in Canada: sole proprietorships, partnerships, co-operatives, and corporations. Finally, students explore the law of torts and the law of contract. Students who do well in this course may customarily apply it toward the Chartered Professional Accountant program.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3755 (3) Entrepreneurship and Small Business Management (3 hrs Lecture) 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 lectures, 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.

Restrictions: Students may not hold credit for this course and BUS-2755.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3819 (3) Advanced Corporate Finance (3 hrs Lecture) This advanced finance course adds to the technical skill and conceptual understanding of accounting and corporate finance developed in previous courses. It provides an in-depth study of issues and tools that financial managers use in making decisions. Topics include capital budgeting under uncertainty, valuation and financial modelling, leasing, and options.

Cross-listed: ECON-3819(3).

Restrictions: Students may not hold credit for this course and ECON-3819.

Requisite Courses: BUS-2820(3) or ECON-2820(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a

minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-3900 (3) Topics in Business Administration and Management (3 hrs Lecture) The course examines issues in a specific business related area. The choice of topic depends on the instructor. Students gain a deeper understanding of a particular area of business through examination of its related business issues at a more in-depth level. This course is designed to include lectures and special guest speakers combined with an interactive, discussion-based format.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-3990 (3) Directed Readings in Business and Administration (3 hrs Directed Reading) 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 are determined by mutual agreement of the student and instructor, and vetted by the Department Chair. A research paper is normally required. This course may be repeated once for credit when the topic varies.

Restrictions: Permission of Chair and Instr. Department Permission Required.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4002 (3) Advanced Financial Accounting (3 hrs Lecture) This course familiarizes students with current advanced accounting concepts and theories. The major focus is on the fundamentals and advanced topics related to corporate consolidations. In addition, students examine the complex accounting and upcoming issues involved in both foreign subsidiaries and foreign currency translation. The course uses a combination of lectures/discussions, presentations and case studies.

Requisite Courses: BUS-3102(3) and BUS-3103(3), both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4220 (3) International Business (3 hrs Lecture) 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. Students study social, environmental, ethical and economic aspects of international businesses, and discuss 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 domains.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), BUS-2501(3), BUS-3240(3), and BUS-3271(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4245 (3) Consumer Decision-Making: A

Marketing Perspective (3 hrs Lecture) This course moves beyond fundamentals of marketing, delving deeper into consumer decision-making. Using a series of readings from the Journal of Consumer Research, and other leading journals in marketing, this course examines factors (i.e., mood, level of arousal, retail atmosphere variables) that influence consumer decision-making. Furthermore, students apply the research findings to help create public policy implications for a number of relevant groups in society including consumers, marketers and businesses. Students utilize the research of relevant groups in society including consumers, marketers and businesses. Students utilize the research findings to help create a framework for understanding the thought processes underlying consumers' decisions.

Requisite Courses: BUS-3240(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4301 (3) Financing a Co-operative Business (3

hrs Lecture) This course provides students with knowledge of the emerging field of social finance through case study analysis and development. Students discuss the social impact and financial performance measures within the co-operative enterprises model. This includes the strategies that firms must implement in order to ensure that shareholders, stakeholders, and the recipients of the social outcomes are all included in the assessment of the firm's performance. Students are introduced to the concept of impact investing through readings and in-class discussions.

Requisite Courses: BUS-3300(3) with a minimum grade C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-4440 (3) Contemporary Human Resource Issues

(3 hrs Seminar/Discussion) This seminar course allows students to discuss contemporary issues surrounding the Human Resource Management and Organizational Behaviour fields. This research-based course provides an opportunity for students to explore practical solutions to resource management issues within organizations. The topics for research and discussion are primarily selected by students and may include topics such as increasing diversity in the workplace; person-organization fit; workplace monitoring/privacy issues; motivation of employees; change management; personal wellness/stress management; work-life balance; and personal accountability of managers, employees, and volunteers in corporations, co-operative enterprises, not for profit

organizations, and the public sector.

Requisite Courses: BUS-2103(3) or the former PSYC-2440(3), either with a minimum grade of C+; AND BUS-2440(3) with a minimum grade of C+ [prerequisite(s)]; AND ONE of BUS/WGS/POL-3321(3) or BUS-3410(3) or BUS-3420(3) or BUS-4450(3) or BUS-4460(3) or CRS-3240(3) or CRS-4240(3) or PSYC-3450(3), with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-4450 (3) Motivation, Teams, and Power in

Organizations (3 hrs Lecture) This course builds on the fundamentals of organizational behaviour to examine three core topics: motivation, teams, and power, as well as underlying processes. Systematic study of these topics draws on perspectives from psychology, sociology, anthropology, and political science. Students explore intersections among topics through ethical, global, analytical, and action-oriented lenses. A range of instructional methods are used, including lecture, exercises, film, and case analysis.

Requisite Courses: BUS-2103(3) or the former PSYC-2440(3) with a minimum grade B; and BUS-2440(3) with a minimum grade of C+; and one of BUS/WGS/POL-3321(3) or BUS-3410(3) or BUS-3420(3) or BUS-4440(3) or BUS-4460(3) or CRS-3240(3) or CRS-4240(3) or PSYC-3450(3), with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4460 (3) Leadership and Fairness in Complex

Organizations (3 hrs Lecture) This course delves into issues of leadership, social justice, and fairness in complex organizations. Organizational settings explored include corporations, not-for-profit service agencies, self-governing Indigenous communities, and government institutions. Students examine how organizational structure, policy, social psychology, and the interdependencies between different forms of organizations can influence fairness, justice and equity. Issues are explored from individual, group, organizational, and societal perspectives. The topics for research and discussion include emerging contingency models of leadership, servant and moral leadership, followership, crisis leadership, reconciliation with Indigenous communities, best practices in diversity management, and how to recognize and mitigate toxic leaders.

Requisite Courses: PSYC-3450(3) with a minimum grade of C+; OR BUS-2103(3) or the former PSYC-2440(3), and BUS-2440(3), and ONE of BUS-3250(3), BUS-3300(3), BUS-3321(3), or BUS-3420(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4500 (3) International Management (3 hrs

Lecture) This theory- and research-based course relates to developing skills needed for effective management of people, resources and processes in an international context. Students focus on management functions and

behaviours necessary to develop global vision and management skills at both a strategic (macro) level and an interpersonal (micro) level. This course is particularly useful for students interested in learning about the impact of culture on international management, negotiations and strategy.

Restrictions: Students may not hold credit for this course and BUS-3500.

Requisite Courses: BUS-2002(3) or BUS-2010(3) either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), BUS-2501(3), BUS-3240(3), and BUS-3271(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4540 (3) International Marketing (3 hrs Lecture)

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.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), BUS-2501(3), BUS-3240(3), and BUS-3271(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4555 (3) Auditing (3 hrs Lecture) This course familiarizes students with auditing 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.

Restrictions: Students may not hold credit for this course and BUS-3550.

Requisite Courses: BUS-2003(3), BUS-3102(3), and BUS-3103(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4560 (3) Technology and Innovation

Management (3 hrs Lecture) With the dawn of the Fourth Industrial Revolution over the last decade, technological innovations have become a significant source of hope for the design and operation of more socially, ecologically, and economically sustainable systems. This case-based course assists students to develop analytical skills necessary to design and manage organizations that compete through technological innovations. Through in-depth class discussions, students draw upon theoretical concepts introduced in this course to critically analyze the emergent issues at the intersection of innovation, technology, and operations management.

Requisite Courses: BUS-3502(3) AND BUS-3510(3),

both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4602 (3) Topics in International Business (3 hrs Lecture) This advanced course provides students with the opportunity to gain a deeper understanding of a particular international business topic. In addition to their research skills, students further develop their critical thinking and analysis skills in international business.

Requisite Courses: BUS-2002(3) or BUS-2010(3); and BUS-2103(3) or the former PSYC-2440(3); and BUS-2210(3), BUS-2440(3), and BUS-2501(3) all with a minimum grade of C+ [prerequisite(s)]; AND ONE of BUS-4220(3) or BUS-4500(3) or the former BUS-3500(3) or BUS-4940(3) or ECON-3301(3) or ECON-3302(3) or IDS/ANTH-3160(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4603 (3) Topics in Marketing (3 hrs Lecture) This advanced course provides students with the opportunity to gain a deeper understanding of a particular marketing topic. In addition to their research skills, students further develop their critical thinking and analysis skills in business marketing.

Requisite Courses: BUS-2002(3) or BUS-2010(3); and BUS-2103(3) or the former PSYC-2440(3); and BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; AND ONE of BUS-3230(3) or BUS-3240(3) or BUS-3260(3) or BUS-3271(3) or BUS-4245(3) or BUS-4540(3) or ACS-3907(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4604 (3) Topics in Human Resource

Management and Organizational Behaviour (3 hrs Lecture) This advanced course provides students with the opportunity to gain a deeper understanding of a particular human resource management or organizational behaviour topic. In addition to their research skills, students further develop their critical thinking and analysis in human resource management and organizational behaviour.

Requisite Courses: BUS-2002(3) or BUS-2010(3); and BUS-2103(3) or the former PSYC-2440(3); and BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; AND ONE of BUS/WGS/POL-3321(3) or BUS-3410(3) or BUS-3420(3) or BUS-4450(3) or BUS-4460(3) or CRS-3240(3) or CRS-4240(3) or PSYC-3450(3), with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4606 (3) Topics in Co-Operatives & Credit

Unions (3 hrs Lecture) This topics course focuses on the development, growth and sustainability of co-operative businesses (financial and non-financial). Utilizing case studies, literature reviews and environmental scans,

students gain an understanding of the unique characteristics of the co-operative organizational structure. The course engages students through in-class discussions and lectures with a final outcome of a student paper.

Students gain a greater understanding of the co-operative sector as a business model and social movement, and are able to compare the co-operative movement to social movements such as La Via Campesina, Food Sovereignty Movement and other grassroots movements.

Requisite Courses: BUS-3300, AND BUS-3301 OR BUS-3302, all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption), OR Permission of Instructor [prerequisite(s)].

BUS-4607 (3) Topics in Operations and Supply Chain

Management (3 hrs Seminar/Discussion) This course provides students with the practical skills needed to critically analyse academic papers in operations management including organizational performance, capability, strategy, flexibility, lean management, just in time, supply chain, and sustainability topics. This course incorporates a variety of methodologies including lecture, discussion, group presentation, and a high degree of interactive participation. A series of concepts, frameworks and analytic tools are presented to better understand the management of operations. Industry applications and cases illustrate concepts and challenges, which provide students with the skills of planning and writing an academic paper in the field.

Requisite Courses: BUS-3502(3) AND BUS-3510(3), both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4750 (3) Business Plan (3 hrs Project / Thesis) In

this course, students develop 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.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and BUS-2755(3).

Requisite Courses: BUS-3755(3) with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4800 (3) Investments (3 hrs Lecture) This course introduces students to the main financial instruments that are used in the investment industry, including a detailed description of financial instruments and how they are traded in financial markets. A brief review of portfolio theory is presented including a discussion of a number of key models of modern finance, including the Capital Asset Pricing Model and the Arbitrage Pricing Theory. The course also includes a detailed examination of the role and operation of fixed-income securities and equities. The course concludes with a discussion of the role and techniques of passive versus active portfolio management.

Cross-listed: ECON-4800(3).

Restrictions: Students may not hold credit for this course and ECON-4800.

Requisite Courses: BUS-2820(3) or ECON-2820(3) (or the former ECON-2319(6) or BUS-2319(6)) [prerequisite(s)]; and STAT-1302(3) or STAT-2001(3) [prerequisite(s)]; and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3); ALL with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the instructor [prerequisite(s)].

BUS-4801 (3) Options, Futures, and Derivatives (3 hrs Lecture) This course is designed to provide an in-depth analysis of a number of topics in modern finance theory and applications. The main areas that are examined include Futures Markets, Option Markets and Derivatives. These financial instruments play a key role in the management of risk by firms, and have attracted increasing interest from private sector firms and the larger community. The role of these instruments in the financial markets and their effect on the financial system are examined in detail.

Note: This course is intended for students in the EFIN program.

Cross-listed: ECON-4801(3).

Restrictions: Students may not hold credit for this course and ECON-4801.

Requisite Courses: ECON-2820(3) or BUS-2820(3) (or the former ECON-2319(6) or BUS-2319(6)) [prerequisite(s)]; and STAT-1302(3) or STAT-2001(3) [prerequisite(s)]; and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3); ALL with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the instructor [prerequisite(s)].

BUS-4802 (3) Topics in Finance I (3 hrs Lecture) This course provides an opportunity to study a particular finance research topic in depth. The course covers primarily theoretical aspects of finance. Possible topics include entrepreneurial finance, fixed income analysis and behavioral finance. This course may be repeated for credit when the topic varies.

Cross-listed: ECON-4802(3).

Restrictions: Students may not hold credit for this course and ECON-4802.

Requisite Courses: BUS-2820(3) or ECON-2820(3), and ECON-2201(3) and ECON-3201(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-4803 (3) Topics in Finance II (3 hrs Lecture) This course provides students an opportunity to study a particular finance research topic in depth. The course content covers primarily empirical aspects in finance. Possible topics include financial risk and management, valuation and financial statement analysis, and valuation and financial modeling. This course may be repeated for credit when the topic varies.

Cross-listed: ECON-4803(3).

Restrictions: Students may not hold credit for this course and ECON-4803.

Requisite Courses: BUS-2820(3) or ECON-2820(3), and ECON-2201(3) and ECON-3201(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the instructor [prerequisite(s)].

BUS-4900 (3) Advanced Topics in Business and Management (3 hrs Seminar/Discussion) This course provides students with the opportunity to gain a deeper appreciation of the issues involved in a specific business-related area. Students further develop their critical business thinking and analysis, in addition to their research skills. This course may be repeated once for credit when the topic varies.

Restrictions: Instructor Permission Required. Department Permission Required.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3) or the former PSYC-2440(3), either with a minimum grade of C+, AND BUS-2210(3), BUS-2440(3) and BUS-2501(3) all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

BUS-4901 (3) Business Strategy (3 hrs Seminar/Discussion) In this case-based course, students take 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.

Restrictions: Students may not hold credit for this course and BUS-4920.

Requisite Courses: BUS-2002(3) or BUS-2010(3), and BUS-2103(3) or the former PSYC-2440(3), and BUS-2210(3), BUS-2440(3), and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and ONE of BUS-3110(3) or BUS-3255(3) or IDS-3101(3) or PHIL-2201(3) or PHIL-2230(3) or PHIL-2233(3) or CRS-3231(3); all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-4920 (3) Business Strategy for Accountants (3 hrs Lecture) This case-based course introduces students to the process of strategic management in organizations from the perspective of senior managers concerned with long-term effectiveness and efficiency. The course introduces students to various strategic frameworks used to diagnose and solve critical problems, and/or identify and take advantage of opportunities, in a complex, ever-changing business environment. Students focus on accounting aspects of strategy in the context of how it influences, and is influenced by, the other functional

disciplines.

Restrictions: Students may not hold credit for this course and BUS-4901.

Requisite Courses: BUS-3003(3) and BUS-2103(3) or the former PSYC-2440(3) and BUS-2210(3), BUS-2440(3) and BUS-2501(3), all with a minimum grade of C+ [prerequisite(s)]; and ONE of BUS-3110(3), BUS-3255(3), IDS-3101(3), PHIL-2201(3), PHIL-2230(3), PHIL-2233(3), CRS-3231(3), all with a minimum grade of C+ (or exemption) [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

BUS-4940 (3) Emerging Markets and Business Practices (3 hrs Lecture) In this course students focus on prevailing business practices and the process of globalization of organizations from emerging markets. The growing power of nations and purchasing power of consumers from emerging markets means that business managers need to learn to discover new consumer preferences, develop new projects, and devise appropriate strategies to market these products.

Requisite Courses: BUS-2002(3) or BUS-2010(3), either with a minimum grade of C+; AND BUS-2103(3), BUS-2210(3), BUS-2440(3), BUS-2501(3), BUS-3240(3), and BUS-3271(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)].

CHEMISTRY

CHEM-0100 (3) Foundations of Chemistry (3 hrs Lecture) The purpose of this course is to prepare students for CHEM-1111 Introduction to the Chemical Properties of Matter and CHEM-1112 Basic Principles of Chemical Reactivity. Topics include the characterization of chemical substances, chemical reactions, chemical quantities, and chemical systems.

Note: Standing in this course will satisfy the prerequisites for CHEM-1111 and CHEM-1112 (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 Environmental Issues: A Chemistry Perspective. This course CANNOT be used as a credit towards the Chemistry or Biochemistry majors. Students with standing in CHEM-1111 or CHEM-1112 cannot register for this course.

CHEM-1111 (3) Introduction to Chemical Properties of Matter (3 hrs Lecture | 3 hrs Lab) This course includes an introduction to atomic and molecular structure, chemical bonding, chemical reactivity, to the bulk properties of matter, and the descriptive chemistry of the elements. The laboratory component introduces students to basic chemistry laboratory practice and techniques. The fundamental concepts of chemical reactivity covered in this course and CHEM-1112 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.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S, and Chemistry 40S; or CHEM-0100 [prerequisite(s)]; CHEM-1111L (lab) (must be taken concurrently).

CHEM-1112 (3) Basic Principles of Chemical Reactivity (3 hrs Lecture | 3 hrs Lab) 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 and CHEM-1111 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.

Requisite Courses: Chemistry 40S and Pre-Calculus Math 40S or Applied Math 40S; or CHEM-0100 [prerequisite(s)]; CHEM-1112L (lab) (must be taken concurrently).

CHEM-2102 (3) Thermodynamics and Kinetics (3 hrs Lecture | 3 hrs Lab) This course describes the principles and applications of 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.

Restrictions: Students may not hold credit for this course and CHEM-2101.

Requisite Courses: CHEM-1111, CHEM-1112, and either MATH-1101, or MATH-1103 and MATH-1104 [prerequisite(s)]; CHEM-2102L (lab) (must be taken concurrently).

CHEM-2103 (3) Atoms, Molecules and Spectroscopy (3 hrs Lecture | 3 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and CHEM-2101.

Requisite Courses: CHEM-1111, CHEM-1112, and either MATH-1101, or MATH-1103 and MATH-1104 [prerequisite(s)]; CHEM-2103L (lab) (must be taken concurrently).

CHEM-2202 (3) Organic Chemistry I (3 hrs Lecture | 3 hrs Lab) 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.

Note: CHEM-1111 may be used as a corequisite provided a minimum grade of 75 or equivalent was obtained in Chemistry 40S.

Restrictions: Students may not hold credit for this course and CHEM-2201.

Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2202L (lab) (must be taken concurrently).

CHEM-2203 (3) Organic Chemistry II (3 hrs Lecture | 3 hrs Lab) 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.

Note: CHEM-1112 may be used as a corequisite provided a minimum grade of 75 or equivalent was obtained in Chemistry 40S.

Restrictions: Students may not hold credit for this course and CHEM-2201.

Requisite Courses: CHEM-2202 [prerequisite(s)];

CHEM-2203L (lab) (must be taken concurrently).

CHEM-2302 (3) Quantitative Chemical Analysis (3 hrs Lecture | 3 hrs Lab) 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, complexometric, and oxidation-reduction systems. The lab consists of a series of experiments designed to develop strong analytical techniques.

Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2302L (lab) (must be taken concurrently).

CHEM-2401 (3) Inorganic Chemistry I (3 hrs Lecture | 3 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and CHEM-3402.

Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2401L (lab) (must be taken concurrently).

CHEM-2502 (3) Introduction to Biochemistry (3 hrs Lecture | 3 hrs Lab) This is an introductory course in biochemistry. Topics 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 are discussed.

Note: This course can be taken prior to or concurrently with CHEM 3502 or CHEM 3503. Students who currently hold a B or higher in CHEM-3502 or CHEM-3503 may not receive credit for this course. Students may not hold credit for CHEM-2502 and CHEM-2503.

Requisite Courses: CHEM-1111 and CHEM-1112 [prerequisite(s)]; CHEM-2202 (must be taken previously or at the same time as this course); CHEM-2502L (lab) (must be taken concurrently).

CHEM-2701 (3) Computer Techniques and Applications for Chemistry (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: CHEM-1111 and CHEM-1112 with a minimum grade of C [prerequisite(s)]; CHEM-2701L (lab)

(must be taken concurrently).

CHEM-2801 (3) Environmental Issues: A Chemistry Perspective (3 hrs Lecture) This course examines a number of environmental and societal issues, such as global warming and acid rain. Basic chemical and physical concepts are introduced as required to supplement the discussion. Topics include the past, present and future use of energy in society; plastics; nutrition; and green/sustainable chemistry. Online discussion groups and assignments are used to facilitate debate and conceptual understanding. This course prepares students for introductory chemistry and environmental sciences courses. The course may also serve as a topical survey for senior science students.

Note: CHEM-2801 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. CHEM-2801 cannot be used as major credit for the Chemistry or Biochemistry degrees.

CHEM-3101 (3) Physical Chemistry of Condensed Phases (3 hrs Lecture) 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).

Requisite Courses: CHEM-2102 or permission of instructor [prerequisite(s)].

CHEM-3102 (3) Quantum Chemistry and Spectroscopy (3 hrs Lecture | 3 hrs Lab) This course examines the quantum theory of chemical bonding, molecular properties, and spectroscopy.

Requisite Courses: CHEM-2103 [prerequisite(s)].

CHEM-3202 (3) Reaction Mechanisms in Organic Chemistry (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and CHEM-3201.

Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3204 (3) Organic Structure Determination (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and CHEM-3201.

Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3205 (3) Organic Synthesis (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and CHEM-4202.

Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3206 (3) Advanced Organic Chemistry

Laboratory (3 hrs Lecture) 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.

Requisite Courses: CHEM-2203 with a minimum grade of C [prerequisite(s)].

CHEM-3302 (3) Methods of Chemical Analysis (3 hrs Lecture | 3 hrs Lab) 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 potentiometry and atomic and molecular spectroscopy. This involves a series of analyses using instrumental techniques.

Restrictions: Students may not hold credit for this course and CHEM-2301.

Requisite Courses: CHEM-2302 [prerequisite(s)]; CHEM-3302L (lab) (must be taken concurrently).

CHEM-3401 (3) Inorganic Chemistry II: Coordination Chemistry

(3 hrs Lecture | 3 hrs Lab) This course examines the bonding, structure, and reactivity of coordination compounds of the transition metals. Building on the fundamentals covered in CHEM-2401(3), 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.

Restrictions: Students may not hold credit for this course and CHEM-3402 | CHEM-3404.

Requisite Courses: CHEM-2202 and CHEM-2401 [prerequisite(s)]; CHEM-2203 (must be taken previously or at the same time as this course); CHEM-3401L (lab) (must be taken concurrently).

CHEM-3502 (3) Intermediate Biochemistry I:

Structure, Function, and Energetics of Biomolecules (3 hrs Lecture | 3 hrs Lab) 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.

Note: CHEM-2202 may be used as a corequisite provided that a minimum grade of B+ was obtained in CHEM-1111 and

CHEM-1112.

Restrictions: Students may not hold credit for this course and CHEM-3501.

Requisite Courses: CHEM-1111 and CHEM-1112 and CHEM-2202 and BIOL-1115 [prerequisite(s)]; CHEM-3502L (lab) (must be taken concurrently).

CHEM-3503 (3) Intermediate Biochemistry II:

Intermediary Metabolism (3 hrs Lecture | 3 hrs Lab) This course examines major catabolic and anabolic pathways, and their regulation and integration.

Note: CHEM-2203 may be used as a corequisite provided that a minimum grade of B+ was obtained in CHEM-1111 and CHEM-1112.

Restrictions: Students may not hold credit for this course and CHEM-3501.

Requisite Courses: CHEM-3502 [prerequisite(s)]; CHEM-3503L (lab) (must be taken concurrently).

CHEM-3504 (3) Plant Biochemistry (3 hrs Lecture) This course covers aspects of chemistry that are unique to plants. Topics include an introduction to basic biochemical concepts: photophosphorylation; photosynthesis; carbohydrate metabolism; nitrogen fixation; some aspects of secondary metabolism; and agricultural applications.

Requisite Courses: CHEM-2202 [prerequisite(s)].

CHEM-3601 (3) Environmental Chemistry (3 hrs Lecture) 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.

Requisite Courses: CHEM-2202 and CHEM-2203 [prerequisite(s)].

CHEM-3611 (3) Environmental Toxicology

(3 hrs Lecture) This course provides an understanding of how and why chemicals may damage humans and other organisms. Basic principles of toxicology and environmental chemical exposure are covered, and detailed analysis is presented of the body's defences against toxicants and the physiological and/or biochemical mechanisms by which toxicants cause effects.

Toxicological modeling and environmental risk assessment are introduced. Students apply these principles to explore emerging topics of interest in their own discipline.

Cross-listed: ENV-3611(3).

Restrictions: Students may not hold credit for this course and ENV-3611.

Requisite Courses: CHEM-1111 and CHEM-1112 or BIOL-1115 and BIOL-1116 [prerequisite(s)].

CHEM-3701 (3) Directed Studies in Chemistry

(3 hrs Project / Thesis) This course is designed to allow students the opportunity to conduct individual research under the supervision of a faculty member. The study may take the form of a literature review, may be experimental in nature, or may involve the analysis of existing data.

Note: Permission to enrol is dependent on the availability of

a suitable faculty member AND students must obtain written permission from the Chair of Chemistry in addition to the prerequisite. This course may only be taken once for credit.
Requisite Courses: 12 credit hours of Chemistry courses and permission from the Chair of the Chemistry Department [prerequisite(s)].

CHEM-4101 (3) Quantum Chemistry (3 hrs Lecture)
This course covers the fundamentals of quantum chemistry, with an introduction to the electronic structure theory of molecules. The course also introduces computational chemistry techniques as valuable tools for research in all fields of chemistry.
Requisite Courses: CHEM-2103 [prerequisite(s)].

CHEM-4204 (3) Medicinal Chemistry (3 hrs Lecture)
This course provides an introduction to the chemistry of pharmaceuticals. This includes studies on structure-activity relationships of anti-inflammatory, anti-cancer, and anti-microbial chemotherapeutic agents.
Requisite Courses: CHEM-2402 or CHEM-3502 [prerequisite(s)].

CHEM-4302 (3) Instrumentation for Quantitative Analysis (3 hrs Lecture) This course discusses the basic electronic principles and design of instrumentation for molecular and atomic spectroscopy as well as quantitative mass spectrometry. Students taking this course gain an appreciation of a variety of topics including basic electronics, signal acquisition, noise and signal enhancement. Apart from the classroom, students also participate in practical demonstrations in the laboratory. Theory and applications for a variety of techniques available in this course include the following: atomic absorption and atomic emission spectroscopy, atomic mass spectrometry and x-ray fluorescence.
Requisite Courses: CHEM-2302 and CHEM-3302 [prerequisite(s)].

CHEM-4303 (3) Analytical Separations (3 hrs Lecture | 3 hrs Lab) The crucial role of analytical separations in chemistry and biochemistry, both qualitative and quantitative, is discussed in detail. Theoretical background, principles of instrumentation, and applications are detailed for important chromatographic and mass spectrometric techniques for chemical isolation and identification. The laboratory exercises provide a unique opportunity to gain practical experience with modern techniques, including gas and liquid chromatography and mass spectrometry.
Requisite Courses: CHEM-2202 and CHEM-2203 (or the former CHEM-2201) and CHEM-3302 (or the former CHEM-2301) [prerequisite(s)]; CHEM-4303L (lab) (must be taken concurrently).

CHEM-4401 (3) Organometallic d-Block Chemistry (3 hrs Lecture) This course focuses on compounds featuring transition metal-carbon bonds. Students explore physical and bonding properties, characterization methods, and fundamental reaction mechanisms of organometallic compounds. Applications of transition metal organometallics in green chemistry are examined, e.g. homogenous catalysis for organic synthesis and industrial chemical preparation.

Requisite Courses: CHEM-3401 [prerequisite(s)].

CHEM-4403 (3) Advanced Main Group Chemistry (3 hrs Lecture) Aspects of main group chemistry are covered in this course, including electron-deficient compounds, main group organometallics, and ring systems and polymers. Focus is placed on bonding descriptions of main group compounds, as well as synthetic methods and characterization techniques (NMR, EPR, mass spectrometry, X-ray diffraction). The industrial applications of main group compounds are discussed.
Requisite Courses: CHEM-2401 [prerequisite(s)].

CHEM-4502 (3) Molecular Enzymology (3 hrs Lecture)
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.
Requisite Courses: CHEM-3503 [prerequisite(s)].

CHEM-4506 (3) Methods in Biochemistry (3 hrs Lecture | 3 hrs Lab) 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.
Requisite Courses: CHEM-3503 [prerequisite(s)]; CHEM-4506L (lab) (must be taken concurrently); CHEM-4502 (recommended prerequisite).

CHEM-4507 (3) Drug Design (3 hrs Lecture) This course examines pharmacology in the context of biochemistry and organic chemistry. Topics include the discovery, design, and metabolism of drugs with a focus upon various mechanisms of action by which small organic molecule drugs serve as therapeutics for treating human diseases.
Requisite Courses: CHEM-2502, or CHEM-3502 and CHEM-3503 [prerequisite(s)].

CHEM-4701 (6) Research Projects in Chemistry (3 hrs Project / Thesis) 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.
Note: 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.

Requisite Courses: 30 credit hours of coursework in Chemistry and permission from the Chair of Chemistry [prerequisite(s)].

CHEM-4703 (3) Topics in Chemistry (3 hrs Lecture)
Special topics in an area of analytical, environmental, inorganic, organic, physical, or biochemistry are addressed. Please consult the Chemistry Department for the current topic.

Note: Permission from the Chair of Chemistry is required.

CLASSICS

CLAS-1011 (3) Greek Society (3 hrs Lecture) 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.

CLAS-1012 (3) Roman Society (3 hrs Lecture) 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.

CLAS-1100 (3) Introductory Latin I (3 hrs Lecture | 1 hrs Lab) 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.
Note: Students with credit in Latin 40S or the former CLAS-1101(6) may not receive credit for this course.
Requisite Courses: CLAS-1100L (lab) (must be taken concurrently).

CLAS-1101 (3) Introductory Latin II (3 hrs Lecture | 1 hrs Lab) 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.
Note: Students with credit in Latin 40S or the former CLAS-1101(6) may not receive credit for this course.
Requisite Courses: CLAS-1100 [prerequisite(s)]; CLAS-1101L (lab) (must be taken concurrently).

CLAS-1200 (3) Introductory Greek I (3 hrs Lecture | 1 hrs Lab) 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.
Note: Students with credit in the former CLAS-1200(6) may not receive credit for this course.
Requisite Courses: CLAS-1200L (lab) (must be taken concurrently).

CLAS-1201 (3) Introductory Greek II (3 hrs Lecture | 1 hrs Lab) 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.
Note: Students with credit in the former CLAS-1200(6) may not receive credit for this course.
Requisite Courses: CLAS-1200 [prerequisite(s)]; CLAS-1201L (lab) (must be taken concurrently).

CLAS-2000 (3) The Heroic Age of Greece (3 hrs Lecture) This course will examine the Minoan and Mycenaean civilizations as revealed through their art and architecture. Emphasis will be laid on archaeological discoveries as evidence for the earliest history of the Aegean area, and as background to many Greek myths. Arts surveyed will include architecture, pottery, painting, jewellery, and the minor arts.

CLAS-2002 (3) Greek Art and Architecture (3 hrs Lecture) 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.
Restrictions: Students may not hold credit for this course and CLAS-2001.

CLAS-2003 (3) Roman Art and Architecture (3 hrs Lecture) 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.
Restrictions: Students may not hold credit for this course and CLAS-2001.

CLAS-2004 (3) Rise of the Old World Civilization (3 hrs Lecture) This course covers the origins and development of civilization 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 civilization and urbanism in state formation, and the problem of collapse of Old World civilizations, such as ancient Egypt, the Near East, China, and the Indus Valley. Regional and chronological coverage may vary from year to year.
Cross-listed: ANTH-2211(3).
Restrictions: Students may not hold credit for this course and ANTH-2211.

CLAS-2010 (3) Topics in Classical Studies (3 hrs Lecture) This course explores a specific area in the field of Classical scholarship. The focus of study varies from year to year. Possible topics include ancient medicine, technology, economics, warfare, and the popular reception of the Classical tradition. Information concerning these course offerings is provided by the department.
Note: This course may be repeated for credit when the topic varies.
Cross-listed: HIST-2090(3).
Restrictions: Students may not hold credit for this course and HIST-2090.

CLAS-2050 (3) Education in the Ancient World (3 hrs Lecture) 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 will deal 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.

Note: This is a Support Course for the Education Program.

CLAS-2061 (3) Sport in the Ancient Greek World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient Greece, 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 ancient Greece in this area to Western civilization.

Cross-listed: KIN-2061(3).

Restrictions: Students may not hold credit for this course and CLAS-2060 | KIN-2060 | KIN-2061.

CLAS-2062 (3) Sport in the Ancient Roman World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient 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 ancient Rome in this area to Western civilization.

Cross-listed: KIN-2062(3).

Restrictions: Students may not hold credit for this course and CLAS-2060 | KIN-2060 | KIN-2062.

CLAS-2071 (3) Women and the Family in Greece and Rome (3 hrs Lecture) This course is an introduction to the study of women and the family in the ancient Greek and Roman world. It is organized chronologically; 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.

Restrictions: Students may not hold credit for this course and CLAS-2070.

CLAS-2081 (3) Sites of the Ancient Greek and Roman World I (3 hrs Lecture) 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.

Restrictions: Department Permission Required.

Requisite Courses: 3 credits in Classics and permission of the Department Chair [prerequisite(s)].

CLAS-2082 (3) Sites of the Ancient Greek and Roman World II (3 hrs Lecture) 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.

Restrictions: Department Permission Required.

Requisite Courses: CLAS-2081 [prerequisite(s)].

CLAS-2100 (6) Intermediate Latin Texts (3 hrs Lecture) 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.

Requisite Courses: CLAS-1101 with a minimum grade of B or Latin 40S [prerequisite(s)].

CLAS-2200 (6) Intermediate Greek Texts (3 hrs Lecture) 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.

Requisite Courses: CLAS-1201 with a minimum grade of B [prerequisite(s)].

CLAS-2301 (3) The History of Archaic Greece (3 hrs Lecture) This course traces the history of Greece during the Archaic period from the beginning of the eighth century BCE through to the beginning of the fifth century BCE. 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, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.

Cross-listed: HIST-2080(3).

Restrictions: Students may not hold credit for this course and CLAS-2091 | HIST-2104 | HIST-2080.

CLAS-2302 (3) The History of Classical Greece (3 hrs Lecture) This course traces the history of Greece during the Classical period from the beginning of the fifth century BCE until the rise of Macedon in the mid-fourth century BCE. Special emphasis is placed on social, political and economic evolution of the Greek city-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.

Cross-listed: HIST-2089(3).

Restrictions: Students may not hold credit for this course and HIST-2089 | HIST-2104 | CLAS-2091.

CLAS-2303 (3) The History of the Roman Republic (3 hrs Lecture) This course considers the history of the Roman Republic from the legendary foundations of the city of Rome through to the beginning of the Roman Empire. Lectures trace the major cultural, military, and societal events of the Republic. Particular emphasis is placed upon the expansion of Rome's power throughout Italy and the Mediterranean, the forces that brought about the transformation of the Roman style of government from Monarchy to Republic, and later to Empire, and the problems which attended these changes.

Cross-listed: HIST-2081(3).

Restrictions: Students may not hold credit for this course and CLAS-2096 | HIST-2081 | HIST-2096.

CLAS-2304 (3) The History of the Roman Empire (3 hrs Lecture) This course considers the history of the Roman Empire from the end of the Roman Republic through to the reign of Constantine. Lectures trace the major cultural, military, and societal events of the first three centuries of the Empire. Particular emphasis is placed upon the expansion of Rome's power throughout the Mediterranean, Europe, and the Near East, the forces, individuals, and events that affect the Empire during the period 30 BCE-c.312 CE, and the problems that attended these changes.

Cross-listed: HIST-2097(3).

Restrictions: Students may not hold credit for this course and CLAS-2096 | HIST-2096 | HIST-2097.

CLAS-2305 (3) Europe in the Early Middle Ages (c. 300 -c. 1000) (3 hrs Lecture) This survey examines the history of Europe from the gradual collapse of the Western Roman Empire up to the emergence of states in Western Europe. The course focuses on various aspects of social, religious, political, cultural and intellectual life. Topics may include the "barbarian" invasions of the Roman Empire, the birth of Christianity and Islam, the rule of Justinian, the establishment of medieval kingdoms, the rise and fall of the Carolingian Empire, as well as Magyar and Viking invasions. Medieval documents are analyzed in class to offer a direct insight into the period.

Cross-listed: HIST-2216(3).

Restrictions: Students may not hold credit for this course and HIST-2211 | HIST-2214 | HIST-2216.

CLAS-2405 (3) Staging Greek and Roman Drama (3 hrs Lecture) 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: THFM-2405(3).

Restrictions: Students may not hold credit for this course and THFM-2405.

CLAS-2500 (3) The Ancient World Through Film (3 hrs Lecture) This course explores Greek and Roman epic, history, and drama through an examination of ancient sources in conjunction with film adaptations. Topics in the course range from how and why films differ from their sources, how literary and cinematic techniques converge, how the past is used to talk about the present, and lastly how modern theoretical approaches can make sense of myth and film.

CLAS-2701 (3) Classical Mythology (3 hrs Lecture) 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.

Note: Students may not receive credit in both the former CLAS-2701(6) and CLAS-2701(3).

CLAS-2702 (3) Religion in Greece and Rome (3 hrs Lecture) This course will survey the religious beliefs and practices of the Greeks and Romans. Topics to be discussed will include the following: the worship of Olympian and Chthonic deities, oracles, orgiastic and mystery religions, Roman cults and rituals, Near Eastern religions, and the beginnings of Christianity.

Cross-listed: REL-2237(3).

Restrictions: Students may not hold credit for this course and REL-2237.

CLAS-2703 (3) Magic and Divination in the Greek and Roman World (3 hrs Lecture) 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-2704 (3) Early Judaism: From Formative to Normative (3 hrs Lecture) This course surveys the historical events, documents, modes of interpretation, major figures and diverse communities and beliefs and practices that preceded and informed the emergence of rabbinic Judaism. The course unpacks the influence of momentous events such as Greek and Roman conquests in the Middle East, the nascent Jesus movement, and the destruction of the Jerusalem Temple in 70 CE. It explores how documents such as the Dead Sea scrolls, the Apocrypha and the Pseudepigrapha and authors such as Philo of Alexandria and Josephus provide insight into the formative period of Early Judaism. It introduces students to the major genres of early biblical interpretation, such as typology, allegory, and midrash and oral Torah.

Cross-listed: REL-2121(3).

Restrictions: Students may not hold credit for this course and REL-2121.

CLAS-2750 (3) Laughter, Love, and Death: Introduction to Classical Literature I (3 hrs Lecture) Homer's *Odyssey* is a story of greetings and farewells, homecomings and departures, laughter and tears. Starting from a study of the *Odyssey*, this course traces emotions, gender relations, and human mortality across an assortment of works from the Ancient Mediterranean world. Students read texts in English translation from Archaic Greece to the Roman Empire, in verse and prose, across the genres of epic poetry, history, tragedy and comedy, oratory and more.

Cross-listed: ENGL-2750(3).

Restrictions: Students may not hold credit for this course and ENGL-2750.

CLAS-2751 (3) War, History, and Memory:**Introduction to Classical Literature II** (3 hrs Lecture)

Homer's *Iliad* is a doom-filled beginning for the literature of war, a literary monument to fate, fear, memory, and loss. Starting from a study of the *Iliad*, this course traces conflict, politics, and remembrance across an assortment of works from the Ancient Mediterranean world. Students read texts in English translation from Archaic Greece to the Roman Empire, in verse and prose, across the genres of epic poetry, history, tragedy, and comedy, oratory, and more.

Cross-listed: ENGL-2751(3).

Restrictions: Students may not hold credit for this course and ENGL-2751.

CLAS-2800 (3) Greek and Latin in Today's English (3

hrs Lecture) 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 will 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.

Cross-listed: LING-2208(3).

Restrictions: Students may not hold credit for this course and LING-2208.

CLAS-2850 (3) The Classical Roots of Medical

Terminology (3 hrs Lecture) Knowledge of medical terminology equips students for a variety of fields. This course lays out the most important Greek and Latin roots of the vocabulary of contemporary medicine and demonstrates the predictable patterns by which these roots combine, introducing students to the concept of building language using root words, prefixes and suffixes. Students learn to define new compounds and phrases by analysis of their parts.

Cross-listed: KIN-2850(3).

Restrictions: Students may not hold credit for this course and KIN-2850.

CLAS-2910 (3) Introductory Classical Archaeology:**Principles and Practices** (3 hrs Lecture/Lab Combined)

This course provides an introduction to the development, principles, and practices associated with archaeological analysis and study of Classical civilizations (primarily Greece and Rome). A wide range of material categories (such as buildings, coins, pottery, sculpture, geological deposits, and plant and animal remains) are considered along with the techniques devised by Classical archaeologists for understanding them and their significance as evidence for Classical societies. Dating and chronology, geography, function, typology and the interface between material remains and written evidence are considered. Curriculum includes special attention to case studies and to hands-on experience where possible.

Cross-listed: ANTH-2260(3).

Restrictions: Students may not hold credit for this course and ANTH-2260.

CLAS-2920 (3) Food, Diet and Dining in Antiquity (3

hrs Lecture) This course explores the techniques, issues, and controversies involved in reconstructing the role of food, diet and dining in Greek and Roman antiquity. Topics addressed include examination of lines of evidence (broadly encompassing ancient literary and textual evidence, depictions from art, and material remains from archaeological excavation); the economic basis for production, trade, transport and consumption of foodstuffs in antiquity; practicalities and limitations involved in cooking, preserving and preparing food stuffs; the social and philosophical context of eating and dining; the role of food in ancient religious and cult practices; medical approaches to food, diet and health in antiquity.

Cross-listed: ANTH-2229(3).

Restrictions: Students may not hold credit for this course and ANTH-2229.

CLAS-2950 (3) The Roman Army (3 hrs Lecture) This

course considers the Roman army, from its origins and increasing professionalization during the Monarchy and Republic, to its role as emperor-maker during the third century CE. Topics may include the evidence for the army, recruitment, organization, strategy, unit tactics, troop disposition on the frontiers, and veterans. More broadly, this course examines the army's wider impact on culture and society with regard to religion, Romanization, and political life.

Cross-listed: HIST-2099(3).

Restrictions: Students may not hold credit for this course and HIST-2099.

CLAS-2951 (3) Ancient Greek Warfare (3 hrs Lecture)

This course introduces students to the aspects of warfare in the Greek world. Students are exposed to key literary sources, like the historians Herodotus, Thucydides, Xenophon, and Polybius; poets and dramatists like Homer, Tyrtaeus, Aeschylus and Sophocles; and military manuals like Xenophon's *Cyropaedia*, Aeneas Tacticus' *Tactica*, and Philo Mechanicus' *On Sieges*. Students consider alternative bodies of evidence, like the physical remains of Greek fortifications. Key themes include the origins of the phalanx, the impact of warfare on the physical and mental wellbeing of soldiers, the place of the Peloponnesian War in Greek history, and the logistical capabilities of Alexander's army.

Cross-listed: HIST-2951(3).

Restrictions: Students may not hold credit for this course and HIST-2951.

CLAS-3006 (3) Topics in Ancient History (3 hrs

Lecture) 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.

Note: This course may be repeated when the topic varies.

Cross-listed: HIST-3006(3).

Restrictions: Students may not hold credit for this course and HIST-3006.

Requisite Courses: 3 credits of course work in any Classics course or permission of the Department Chair [prerequisite(s)].

CLAS-3010 (3) Directed Readings in Classical Studies (3 hrs Directed Reading) 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.

Restrictions: Department Permission Required.

CLAS-3060 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.

Cross-listed: ANTH-3262(3) and KIN-3060(3).

Restrictions: Students may not hold credit for this course and ANTH-3262 | KIN-3060.

Requisite Courses: 3 credits in any Classics, Anthropology, or Kinesiology course [prerequisite(s)].

CLAS-3090 (3) Classical and Medieval Science (3 hrs Lecture) 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 places their ideas and the work of the schools of Greece, Rome, and medieval Europe within their social, cultural, and intellectual contexts.

Cross-listed: HIST-3903(3).

Restrictions: Students may not hold credit for this course and HIST-3211 | HIST-3903.

CLAS-3101 (3) Drama of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous dramatists of the Republic. These may include selections from Terence and Plautus. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4101(3).

Restrictions: Students may not hold credit for this course and CLAS-3100 | CLAS-4100 | CLAS-4101.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3102 (3) Poetry of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous poets of the Republic. These may include selections from Catullus and Lucretius. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4102(3).

Restrictions: Students may not hold credit for this course and CLAS-3100 | CLAS-4100 | CLAS-4102.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3111 (3) Prose Literature of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous prose of the Republic. These may include selections from Cicero, Julius Caesar, and Sallust. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4111(3).

Restrictions: Students may not hold credit for this course and CLAS-3110 | CLAS-4110 | CLAS-4111.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3112 (3) Prose Literature of the Augustan Age (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous prose authors of the Augustan Age. These may include selections from Livy. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4112(3).

Restrictions: Students may not hold credit for this course and CLAS-3110 | CLAS-4110 | CLAS-4112.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3122 (3) Lyric Poetry of the Augustan Age (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous lyric poets of the Augustan Age. These may include selections from Horace, Tibullus, Propertius, Ovid, and Sulpicia. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4122(3).

Restrictions: Students may not hold credit for this course and CLAS-4122 | CLAS-4120 | CLAS-3120.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3123 (3) Epic Poetry of the Augustan Age (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous epic poets of the Augustan Age. These may include selections from Virgil and Ovid. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4123(3).

Restrictions: Students may not hold credit for this course

and CLAS-3120 | CLAS-4120 | CLAS-4123.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3131 (3) Poetry of the Empire (3 hrs

Seminar/Discussion) Students read in the original Latin works selected from the most famous poets of the Empire. These may include selections from Juvenal and Martial. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4131(3).

Restrictions: Students may not hold credit for this course and CLAS-3130 | CLAS-4130 | CLAS-4131.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3141 (3) Prose Literature of the Empire (3 hrs

Seminar/Discussion) Students read in the original Latin works selected from the most famous prose authors of the Empire. These may include selections from Seneca and Tacitus. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4141(3).

Restrictions: Students may not hold credit for this course and CLAS-3140 | CLAS-4140 | CLAS-4141.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-3212 (3) Archaic Greek Lyric Poetry (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous lyric poets of ancient Greece. These may include selections from Alcaeus, Pindar, and Sappho. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4212(3).

Restrictions: Students may not hold credit for this course and CLAS-3210 | CLAS-4210 | CLAS-4212.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3213 (3) Archaic Greek Epic Poetry (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous epic poets of the Archaic period. These may include selections from Homer and Hesiod. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4213(3).

Restrictions: Students may not hold credit for this course and CLAS-3210 | CLAS-4210 | CLAS-4213.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3221 (3) Ancient Greek Tragedy (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous tragic poets of the Classical period. These may include selections from Aeschylus, Euripides, and Sophocles. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4221(3).

Restrictions: Students may not hold credit for this course and CLAS-3220 | CLAS-4220 | CLAS-4221.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3222 (3) Ancient Greek Comedy (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous comic poets of the Classical period. These may include selections from Aristophanes and Menander. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4222(3).

Restrictions: Students may not hold credit for this course and CLAS-3220 | CLAS-4220 | CLAS-4222.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3231 (3) Ancient Greek History (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous Greek historians of the ancient world. These may include selections from Herodotus, Thucydides, and Procopius. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4231(3).

Restrictions: Students may not hold credit for this course and CLAS-3230 | CLAS-4230 | CLAS-4231.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3232 (3) Ancient Greek Philosophy (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous Greek philosophers of the ancient world. These may include selections from Plato and Aristotle. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4232(3).

Restrictions: Students may not hold credit for this course and CLAS-3230 | CLAS-4230 | CLAS-4232.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3241 (3) Ancient Greek Oratory (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous Greek orators of the ancient world. These may include selections from Demosthenes and Lysias. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4241(3).

Restrictions: Students may not hold credit for this course and CLAS-3240 | CLAS-4240 | CLAS-4241.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3251 (3) Hellenistic and Imperial Prose (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous prose authors of the Hellenistic and Imperial periods. These may include

selections from Arrian, Longus, Lucian, Polybius, and Plutarch. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4251(3).

Restrictions: Students may not hold credit for this course and CLAS-3250 | CLAS-4250 | CLAS-4251.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3252 (3) Hellenistic Poetry (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous poets of the Hellenistic period. These may include selections from Apollonius and Theocritus. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-4252(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3250 | CLAS-4250 | CLAS-4252.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-3255 (3) Topics in Greek and Latin (3 hrs

Lecture) This course provides students who have prior experience in Latin and Greek the opportunity to explore fields of study related to philology. Examples of topics of study include papyrology, epigraphy, prose composition, and comparison of Greek and Latin literary genres. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department.

Restrictions: Students may not hold credit for this course and CLAS-4255.

Requisite Courses: CLAS-2100 and CLAS-2200 and permission of the Department Chair [prerequisite(s)].

CLAS-3256 (3) Tutorial in Ancient Language and

Literature (3 hrs Lecture) Under the supervision of a faculty member from the Department of Classics, students read selections from Greek or Roman works in the original Greek or Latin. Attention is given to the content and form of the words under study and to the improvement of the students' translational skills and speed. This course may be repeated when the works under study vary. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: CLAS-4256(3).

Restrictions: Students may not hold credit for this course and CLAS-4256.

Requisite Courses: CLAS-2100 or CLAS-2200, and permission of the Department Chair [prerequisite(s)].

CLAS-3260 (3) Intermediate Classical Archaeology:

Issues and Controversies (3 hrs Lecture) This course examines methodological, theoretical, and topical issues in Classical Archaeology (broadly, the archaeology of ancient Greek and Roman civilizations). Topics discussed include the integration of archaeological, scientific, artistic, and textual evidence in the reconstruction of classical cultures; controversies in theoretical perspectives of interpretation in Classical Archaeology; the assessment of ancient Greco-Roman ecological, social, ritual, and economic life on

the basis of recovered artifacts and ecofacts; the use of archaeological survey data to examine ancient settlement patterns; and ethical issues associated with curation and collection of material from Greek and Roman sites.

Cross-listed: ANTH-3260(3).

Restrictions: Students may not hold credit for this course and ANTH-3260 | CLAS-4260.

Requisite Courses: CLAS-2910 or ANTH-2260 or permission of instructor [prerequisite(s)].

CLAS-3310 (3) Alexander the Great (3 hrs Lecture) This course looks at the life and conquests of Alexander the Great. It begins with a chronological examination of the rise of Macedon under Alexander's father, Philip II, Alexander's early life, his conquest of the Persian Empire, and ultimately, his death. Four major themes are then explored: Alexander's military and its evolution, his relationship to mainland Greece, his empire, and his divinity.

Cross-listed: HIST-3140(3).

Restrictions: Students may not hold credit for this course and HIST-2105 | HIST-3140.

CLAS-3320 (3) Death in Antiquity (3 hrs Lecture) This course approaches various aspects relating to death in antiquity (emphasizing Roman antiquity) from the perspective of two disciplines, Anthropology and Classics.

Topics include beliefs and philosophies about the afterlife; causes of death, with emphasis on diseases and demographics; the practicalities of planning for death and disposing of the dead; the methods and significance of commemoration; rituals of grief and mourning; spatial distribution of cemeteries in antiquity; methods and theories in mortuary archaeology from classical sites; and analysis of osteological, artifactual, and architectural data from such sites. Contemplation of cross-cultural comparisons on these and other topics under study is encouraged.

Cross-listed: ANTH-3261(3).

Restrictions: Students may not hold credit for this course and ANTH-3261 or CLAS-4320.

Requisite Courses: 3 credits in any Anthropology or Classics course [prerequisite(s)].

CLAS-3500 (6) Experiential Learning in Classics and

Classical Archaeology (3 hrs
Apprenticeship/Internship/Practicum) This course provides practical experience through experiential learning for students in environments outside the classroom. This takes the form of practical experience in museums, laboratories, archaeological and historical sites, and active participation in excavations. The intensive instructions employs lectures, seminars, fieldwork, and on occasion laboratory components, in order to teach analytical, interpretive, and practical techniques in Classics and Classical Archaeology. Additional in-depth work is required to receive credit at the 4000 level. Interested students should consult the Department Chair or designate.

Cross-listed: CLAS-4500(6).

Restrictions: Instructor Permission Required. Students may not hold credit for this course and CLAS-4500.

CLAS-3750 (3) Classical Rhetoric: History, Theory and Practice (3 hrs Lecture) This course examines the history, theory, pedagogy, and practices of the classical

period of western rhetoric, extending from Homer's *Iliad* and *Odyssey* of the eighth-century BCE to the rhetorical thinkers of the first-century CE. Students discuss the work of such canonical figures as Gorgias, Plato, Aristotle, Cicero, and Quintilian, locating them within the intellectual, political, and historical influences of their time. Always, the focus is rhetorical, students locating the origins of many rhetorical concerns in the classical period and tracing how these concepts, terminologies, and techniques persist and change throughout the ages.

Cross-listed: RHET-3750(3).

Restrictions: Students may not hold credit for this course and RHET-3750.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

CLAS-3754 (3) Ancient Epic in Translation (3 hrs Lecture) By reading works of ancient epic in translation by important ancient authors (e.g., Homer, Apollonius, Vergil, Ovid, Lucan, Statius), students are introduced to the literary characteristics of the genre and their strategic deployment. The literary and historical contexts of specific epics are discussed in order to make their cultural significance clear.

Cross-listed: ENGL-3754(3).

Restrictions: Students may not hold credit for this course and CLAS-4754 or ENGL-3754.

CLAS-3755 (3) Ancient Drama in Translation (3 hrs Lecture) Students read the works of ancient tragic poets (e.g., Aeschylus, Sophocles, Euripides, Seneca) and of ancient comic poets (e.g., Aristophanes, Menander, Plautus, Terence) in translation. Literary conventions of both ancient tragedy and comedy are addressed. The plays are situated within their broader historical and festival contexts to make clear their cultural significance.

Cross-listed: ENGL-3755(3).

Restrictions: Students may not hold credit for this course and ENGL-3755. Students may receive credit for CLAS-3755 | 4755 only if the topic varies.

CLAS-3756 (3) Topics in Ancient Literature (3 hrs Lecture) This course deals with the interpretation and appreciation of literary genres, authors, or works from the canon of Greek and Latin literature. The focus of study varies from year to year. Examples include love poetry, satire, the ancient novel, and letter-writing as a literary form. Information concerning these course offerings is provided by the Department.

Note: This course may be repeated when the topic varies.

Cross-listed: ENGL-3756(3).

Restrictions: Students may not hold credit for this course and ENGL-3756. Students may receive credit for CLAS-3756 | 4756 only if the topic varies.

CLAS-3810 (3) Slavery in Roman Society (3 hrs Lecture) Though underrepresented in evidence, slaves and ex-slaves were critically important members of Roman society. This class considers the ways that the institution of slavery and slaves themselves shaped Roman society, history and culture. Topics of study include sources of slaves, the social attitudes and legal framework that

shaped the experience of enslavement, family life, and manumission.

Cross-listed: HIST-3214(3).

Restrictions: Students may not hold credit for this course and HIST-3214 | CLAS-4810.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3820 (3) Spectacle and Ritual (3 hrs Lecture) This course explores the nature and function of ritual behaviour, display, and pageantry in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include military triumphs and commemorations, theatrical and sporting events within a religious context, or rites of passage such as coming-of-age ceremonies weddings, and funerals. This course may be repeated for credit when the topic varies.

Restrictions: Students may not hold credit for this course and CLAS-4820.

Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3830 (3) Kingdoms and City-States in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on a particular kingdom or city-state of the ancient world. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.

Note: This course may be repeated when the topic varies.

Cross-listed: HIST-3011(3).

Restrictions: Students may not hold credit for this course and CLAS-4830 | HIST-3011.

Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3840 (3) Provinces and Subjects (3 hrs Lecture) This course focuses on a particular Roman province or subject population of the Roman Empire. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.

Note: This course may be repeated when the topic varies.

Cross-listed: HIST-3010(3).

Restrictions: Students may not hold credit for this course and CLAS-4840 | HIST-3010.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3850 (3) Eras (3 hrs Lecture) This course focuses on a specific era, or time period, in ancient and/or classical history. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The focus of study varies from year to year. Information

concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.

Note: This course may be repeated for credit when the topic varies.

Cross-listed: HIST-3009(3).

Restrictions: Students may not hold credit for this course and CLAS-4850 | HIST-3009.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3870 (3) Sexuality, Sex and Gender in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on issues relating to sexuality, sex, and gender in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include the social and philosophical location of homosexuality in Classical Greece, constructions of gender in ancient social and political discourse, representations of women in art and literature, and the history of classical scholarship on these subjects in response to contemporary social movements. Additional in-depth work is required for credit at the 4000 level.

Note: This course may be repeated for credit when the topic varies.

Cross-listed: HIST-3270(3).

Restrictions: Students may not hold credit for this course and HIST-3270 | CLAS-4870.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-3910 (3) Ancient Environments and Ecology (3 hrs Lecture/Lab Combined) This course explores approaches, techniques, issues, and applications involved in the reconstruction of ancient environmental and ecological conditions and settings (predominantly for Greco-Roman antiquity). Topics addressed include the use of environmental archaeology (e.g., geoarchaeology, archaeobotany, palynology, zooarchaeology) in assessing paleoenvironments and paleoecology; natural resource and landscape exploitation in antiquity as determined from synthesis of literary, artistic, and archaeological datasets; climate and environmental change in antiquity; human management and mismanagement of environmental and ecological conditions in the past, including aspects of overhunting, deforestation, pollution and natural disasters. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: ANTH-3214(3).

Restrictions: Students may not hold credit for this course and ANTH-3214 | CLAS-4910.

CLAS-4000 (3) Advanced Studies in Classics and Classical Archaeology (3 hrs Seminar/Discussion) This course explores specific issues, institutions, aspects, historical figures, events, or themes of central importance to ancient Greek or Roman society, history, or culture. The topic is approached from the combined standpoints of ancient textual and material evidence in the light of modern theory and scholarship. Students in both the language stream and the civilization stream may take this course for credit towards their Honours requirements. The instructor

and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department.

Restrictions: Honours Form Required. Instructor Permission Required.

CLAS-4006 (3) Advanced Topics in Ancient History (3 hrs Lecture) This course explores fundamental issues, specific social institutions, key figures, vital events, important periods, and current directions in the study of ancient history. The focus of study varies from year to year. Examples include ancient Slavery, Disability in Antiquity, and the City of Rome. Emphasis is placed on the use of primary source material (in translation). Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretation. This course prepares students for the historiographical work at the graduate level in Classics and Ancient History. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Students may receive credit for CLAS-3006 | CLAS-4006 only if the topic varies.

Requisite Courses: 3 credit hours of any Classics course [prerequisite(s)].

CLAS-4020 (3) Tutorial in Classics and Classical Archaeology (3 hrs Tutorial) Students arrange subject, focus, and readings on an individual basis, in consultation with an instructor. Assignments, including a cumulative final project, form the basis of evaluation.

Restrictions: Honours Form Required. Instructor Permission Required. Department Permission Required.

CLAS-4101 (3) Drama of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous dramatists of the Republic. These may include selections from Terence and Plautus. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3101(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3100 | CLAS-3101 | CLAS-4100.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4102 (3) Poetry of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous poets of the Republic. These may include selections from Catullus and Lucretius. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3102(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3100 | CLAS-3102 | CLAS-4100.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4111 (3) Prose Literature of the Republic (3 hrs Seminar/Discussion) Students read in the original Latin

works selected from the most famous prose of the Republic. These may include selections from Cicero, Julius Caesar, and Sallust. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3111(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3110 | CLAS-3111 | CLAS-4110.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4112 (3) Prose Literature of the Augustan Age (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous prose authors of the Augustan Age. These may include selections from Livy. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3112(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3110 | CLAS-3112 | CLAS-4110.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4122 (3) Lyric Poetry of the Augustan Age (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous lyric poets of the Augustan Age. These may include selections from Horace, Tibullus, Propertius, Ovid, and Sulpicia. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3122(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3120 | CLAS-3122 | CLAS-4120.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4123 (3) Epic Poetry of the Augustan Age (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous epic poets of the Augustan Age. These may include selections from Virgil and Ovid. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3123(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3120 | CLAS-3123 | CLAS-4120.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4131 (3) Poetry of the Empire (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous poets of the Empire. These may include selections from Juvenal and Martial. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3131(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3130 | CLAS-3131 | CLAS-4130.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4141 (3) Prose Literature of the Empire (3 hrs Seminar/Discussion) Students read in the original Latin works selected from the most famous prose authors of the Empire. These may include selections from Seneca and Tacitus. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3141(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3140 | CLAS-3141 | CLAS-4140.

Requisite Courses: CLAS-2100, Intermediate Latin Texts [prerequisite(s)].

CLAS-4212 (3) Archaic Greek Lyric Poetry (3 hrs Seminar/Discussion) Students read in ancient Greek works selected from the most famous lyric poets of ancient Greece. These may include selections from Alcaeus, Pindar, and Sappho. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3212(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3210 | CLAS-3212 | CLAS-4210.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4213 (3) Archaic Greek Epic Poetry (3 hrs Seminar/Discussion) Students read in ancient Greek works selected from the most famous epic poets of the Archaic period. These may include selections from Homer and Hesiod. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3213(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3210 | CLAS-3213 | CLAS-4210.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4221 (3) Ancient Greek Tragedy (3 hrs Seminar/Discussion) Students read in ancient Greek works selected from the most famous tragic poets of the Classical period. These may include selections from Aeschylus, Euripides, and Sophocles. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3221(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3220 | CLAS-3221 | CLAS-4220.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4222 (3) Ancient Greek Comedy (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous comic poets of the Classical period. These may include selections from Aristophanes and Menander. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3222(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3220 | CLAS-3222 | CLAS-4220.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4231 (3) Ancient Greek History (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous Greek historians of the ancient world. These may include selections from Herodotus, Thucydides, and Procopius. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3231(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3230 | CLAS-3231 | CLAS-4230.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4232 (3) Ancient Greek Philosophy (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous Greek philosophers of the ancient world. These may include selections from Plato and Aristotle. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3232(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3230 | CLAS-3232 | CLAS-4230.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4241 (3) Ancient Greek Oratory (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous Greek orators of the ancient world. These may include selections from Demosthenes and Lysias. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3241(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3240 | CLAS-3241 | CLAS-4240.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4251 (3) Hellenistic and Imperial Prose (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous prose authors of the Hellenistic and Imperial periods. These may include selections from Arrian, Longus, Lucian, Polybius, and Plutarch. Attention is given both to the content and form of the works under study, and to the improvement of

students' skills and speed in translation.

Cross-listed: CLAS-3251(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3250 | CLAS-3251 | CLAS-4250.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4252 (3) Hellenistic Poetry (3 hrs

Seminar/Discussion) Students read in ancient Greek works selected from the most famous poets of the Hellenistic period. These may include selections from Apollonius and Theocritus. Attention is given both to the content and form of the works under study, and to the improvement of students' skills and speed in translation.

Cross-listed: CLAS-3252(3).

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and CLAS-3250 | CLAS-3252 | CLAS-4250.

Requisite Courses: CLAS-2200, Intermediate Greek Texts [prerequisite(s)].

CLAS-4255 (3) Topics in Greek and Latin (3 hrs

Lecture) This course provides students who have prior experience in Latin and Greek the opportunity to explore fields of study related to philology. Examples of topics of study include papyrology, epigraphy, prose composition, and comparison of Greek and Latin literary genres. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department.

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3255.

CLAS-4256 (3) Tutorial Ancient Language &

Literature (3 hrs Lecture) Under the supervision of a faculty member from the Department of Classics, students read selections from Greek or Roman works in the original Greek or Latin. Attention is given to the content and form of the words under study, and to the improvement of the students' translational skills and speed. This course may be repeated when the works under study vary.

Cross-listed: CLAS-3256(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3256.

Requisite Courses: CLAS-2100 or CLAS-2200, and permission of the Department Chair [prerequisite(s)].

CLAS-4260 (3) Advanced Classical Archaeology:

Issues and Controversies (3 hrs Lecture) This course examines issues in Classical Archaeology (the archaeology of Greco-Roman antiquity). Topics include the integration of various types of evidence in the reconstruction of classical cultures; controversies in theoretical perspectives of interpretation; assessment of ecological, social, ritual, and economic life on the basis of recovered artifacts and ecofacts; use of survey data to examine ancient settlement; the ethics of curation and collection of material from Greek and Roman sites. This course prepares students for archaeological work at the graduate level in Classical Archaeology.

Note: Students taking this course at the 4000 level must be registered as Classics honours students.

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-3260 | CLAS-3260.

Requisite Courses: CLAS-2910 or ANTH-2260 or permission of instructor [prerequisite(s)].

CLAS-4320 (3) Advanced Studies in Death in Antiquity (3 hrs Lecture) This course approaches topics relating to death in antiquity (emphasizing Roman antiquity) from two disciplinary perspectives, Anthropology and Classics. Topics include beliefs and philosophies about the afterlife; causes of death, emphasizing diseases and demographics; the practicalities of planning for death and disposing of the dead; methods and significance of commemoration; rituals of grief and mourning; spatial distribution of cemeteries; methods and theories in mortuary archaeology; and analysis of osteological, artifactual and architectural data. Contemplation of cross-cultural comparisons on these and other topics under study is encouraged. This course prepares students for archaeological work at the graduate level in Classical Archaeology.

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3320 | ANTH-3261.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4400 (3) Thesis (3 hrs Project / Thesis) All Classics Honours students must complete the thesis as part of their degree requirements. This is normally undertaken in the final year of the degree. Students wishing to enrol in this course must consult the Chair of the Department of Classics well in advance of registration to determine the thesis topic. The Chair, in consultation with the faculty, assigns each thesis candidate a supervisor, under whose guidance the thesis is completed. Students are expected to meet regularly with their supervisors. At each meeting, progress towards completion must be demonstrated.

Restrictions: Honours Form Required. Department Permission Required.

CLAS-4500 (6) Experiential Learning in Classics and Classical Archaeology (3 hrs Apprenticeship/Internship/Practicum) This course provides practical experience through experiential learning for students in environments outside the classroom at a more intensive and more advanced level than CLAS-3500. This takes the form of practical experience in museums, laboratories, archaeological and historical sites, and active participation in excavations. The intensive instruction employs lectures, seminars, fieldwork, and on occasion laboratory components, in order to teach analytical, interpretive, and practical techniques in Classics and Classical Archaeology.

Note: This course is open only to students in the Honours BA in Classics (Classical Civilization) and the Honours BA in Classics (Classical Languages).

Restrictions: Honours Form Required. Instructor Permission Required. Students may not hold credit for this course and CLAS-3500.

CLAS-4754 (3) Advanced Studies in Ancient Epic in Translation (3 hrs Lecture) Students read works of

ancient epic in translation by important ancient authors (e.g., Homer, Apollonius, Vergil, Ovid, Lucan, Statius). They are introduced to the literary characteristics of the genre of epic, its specific language, content, and its modes of representation, especially simile and metaphor. This course also considers the historical context for the composition of epic. Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretation, especially sophisticated theoretical approaches.

Restrictions: Honours Form Required. Department Chair Perm Required. Students may not hold credit for this course and CLAS-3754 | ENGL-3754.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4755 (3) Advanced Studies in Ancient Drama in Translation (3 hrs Lecture) The course examines translations of works by ancient tragic poets and comic poets. These are of interest in their own right but also for their extraordinary influence on drama (and other cultural products) in later European societies and elsewhere, especially across the globe today. Students are encouraged to consider both the plays and their reception by later writers (or artists, composers, etc.). Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretation, especially sophisticated theoretical approaches. This course prepares students for philological and literary critical work at the graduate level in Classics.

Restrictions: Honours Form Required. Students may receive credit for CLAS-3755 | CLAS-4755 only if the topic varies. Students may receive credit for ENGL-3755 only if the topic varies.

Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4756 (3) Advanced Topics in Ancient Literature (3 hrs Lecture) This course deals with the interpretation and appreciation of literary genres, authors, or works from Greek and Latin literature. The focus of study varies from year to year. Examples include love poetry, satire, the ancient novel, and letter-writing as a literary form. Information concerning these course offerings is provided by the Department. Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretations especially sophisticated theoretical approaches. This course prepares students for the philological and literary critical work at the graduate level in Classics. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Students may receive credit for CLAS-3756 | CLAS-4756 only if the topic varies. Students may receive credit for ENGL-3756 only if the topic varies.

Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4810 (3) Advanced Studies in Slavery in Roman Society (3 hrs Lecture) Though underrepresented in evidence, slaves and ex-slaves were critically important members of Roman society. This class considers the ways that the institution of slavery and slaves themselves

shaped Roman society, history, and culture. Topics of study include sources of slaves, the social attitudes and legal framework that shaped the experience of enslavement, family life, and manumission. Students taking this class at the 4000-level are given heavier or additional assignments.

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3810 | HIST-3214.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4820 (3) Advanced Studies in Spectacle and Ritual

(3 hrs Lecture) This course explores ritual behaviour and display in ancient Greece and Rome. Theoretical approaches illuminate the various categories of ancient evidence. Topics for consideration may include military triumphs, theatrical and sporting events, or rites of passage. Students at the advanced level work with challenging and fragmentary sources and their scholarly interpretation, especially modern theoretical approaches. This course prepares students for historiographical work at the graduate level in Classics and ancient History. This course may be repeated for credit when the topic varies.

Note: Students taking this course at the 4000 level must be registered as Classics honours students.

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3820.

Requisite Courses: 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4830 (3) Advanced Studies in Ancient Kingdoms and City-States in the Greek and Roman Worlds

(3 hrs Lecture) This course focuses on a particular kingdom or city-state of the ancient world. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretation. This course prepares students for historiographical and archaeological work at the graduate level in Classics and ancient History. This course may be repeated for credit when the topic varies.

Note: Students taking this course at the 4000 level must be registered as Classics honours students.

Restrictions: Honours Form Required. Students may receive credit for CLAS-3830 | CLAS-4830 only if the topic varies. Students may receive credit for HIST-3011 only if the topic varies.

Requisite Courses: at least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4840 (3) Advanced Studies in Provinces and Subjects

(3 hrs Lecture) This course focuses on a particular Roman province or subject population of the Roman Empire. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretation. This course prepares students for historiographical work at the graduate level in Classics and ancient History. This course may be repeated for credit

when the topic varies.

Note: Students taking this course at the 4000 level must be registered as Classics Honours Students.

Restrictions: Honours Form Required. Students may receive credit for CLAS-3830 | CLAS-4830 only if the topic varies. Students may receive credit for HIST-3010 only if the topic varies.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4850 (3) Advanced Studies in Eras

(3 hrs Lecture) This course focuses on a specific era, or time period, in ancient and/or classical history. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. Students at the advanced level work closely with challenging and fragmentary sources and their scholarly interpretation. This course prepares students for historiographical and archaeological work at the graduate level in Classics and ancient History. This course may be repeated for credit when the topic varies.

Note: Students taking this course at the 4000 level must be registered as Classics honours students.

Restrictions: Honours Form Required. Students may receive credit for CLAS-3850 | CLAS-4850 only if the topic varies. Students may hold credit for HIST-3009 only if the topic varies.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4870 (3) Advanced Studies in Sexuality, Sex, and Gender in the Greek and Roman Worlds

(3 hrs Lecture) This course focuses on sexuality, sex, and gender in ancient Greece and Rome. Theoretical approaches illuminate the various categories of evidence. Particular topics for consideration include sexuality in Greece, constructions of gender in political discourse, and representations of women in art. Students at the advanced level work with challenging and fragmentary sources and their scholarly interpretation, especially sophisticated theoretical approaches. This course prepares students for philological and literary work at the graduate level. This course may be repeated for credit when the topic varies.

Note: Students taking this course at the 4000 level must be registered as Classics honours students.

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3870 | HIST-3270.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CLAS-4910 (3) Advanced Studies in Ancient Environments and Ecology

(3 hrs Lecture/Lab Combined) This course explores issues involved in the reconstruction of ancient environmental and ecological conditions (predominantly for Greco Roman antiquity). Topics addressed include the use of environmental archaeology in assessing paleoenvironments; natural resource and landscape exploitation in antiquity as determined from literary, artistic, and archaeological datasets; climate and environmental change; human management of environmental conditions, including overhunting, deforestation, pollution and natural disasters.

Students at the advanced level work with challenging sources, especially modern scholarly accounts. This course prepares students for graduate study in Classical Archaeology.

Note: Students taking this course at the 4000 level must be registered as Classics honours students.

Restrictions: Honours Form Required. Students may not hold credit for this course and CLAS-3910 | ANTH-3214.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

CONFLICT RESOLUTION STUDIES

CRS-1200 (6) Introduction to Conflict Resolution

Studies (3 hrs Lecture) Disagreements, hurtful relationships, bullying, verbal aggression, physical assault, genocide, and war-human conflict is widespread in personal, community, and global settings, and all experience conflict in some way. This course prepares students to deal constructively with conflict through creative problem solving, effective communication, productive use of power, skills for peaceful justice-making, and understanding gender dynamics. To deal with personal and others' conflicts, students explore approaches such as negotiation, mediation, nonviolent action, cross-cultural sensitivity, legal alternative dispute resolution, and restorative justice.

Restrictions: Students may not hold credit for this course and MSC-1200.

CRS-2111 (1.5) Special Topics Workshop (1.5 hrs

Apprenticeship/Internship/Practicum) This workshop offers students the opportunity to learn and practice various conflict resolution skills used within a wide variety of settings. Areas of study may include topics such as compassionate listening, faith-based community peacebuilding, identity conflict resolution skills, and diversity awareness training. This course may be repeated for credit when topic varies.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2131 (3) History of Peace and Nonviolence I (3

hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world.

Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.

Cross-listed: MENN-2131(3) and HIST-2131(3).

Restrictions: Students may not hold credit for this course and HIST-2131 | MENN-2131.

CRS-2132 (3) History of Peace and Nonviolence II (3

hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world. The course, thus, contrasts Christian traditions of nonviolence with those of aboriginal, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamental principle of social organization.

Cross-listed: MENN-2132(3) and HIST-2132(3).

Restrictions: Students may not hold credit for this course and HIST-2132 | MENN-2132.

CRS-2210 (3) Conflict Theory and Analysis (3 hrs

Lecture) Analyzing social and interpersonal conflict lays

the ground work for effective conflict resolution. Students encounter and critique various theoretical perspectives such as individual characteristics, social process, and social structural theories. Students evaluate the usefulness of these theories by applying them to different conflict situations, and develop their abilities to identify conflict resolution strategies appropriate to the conflict analysis. This course is closely integrated with and must be taken concurrently with CRS-2211(1.5) Coaching Skills Workshop.

Restrictions: Students may not hold credit for this course and MSC-2102.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)]; CRS-2211 (must be taken previously or at the same time as this course).

CRS-2211 (1.5) Coaching Skills Workshop (1.5 hrs

Workshop) In this workshop students learn and practice informal models of third party participation in conflict resolution. Under the supervision of an experienced practitioner, students learn how to coach and prepare disputants effectively, and how to facilitate informal conflict resolution intervention. This workshop is integrated with and must be taken concurrently with CRS-2210(3) Conflict Theory and Analysis.

Note: Students may not hold credit in both this course and the former CRS-2211(1.5) Conciliation Skills Workshop.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)]; CRS-2210 (must be taken concurrently).

CRS-2221 (3) Restorative Justice (3 hrs Lecture) This

course identifies the principles of restorative justice and explore the application of these principles in various contexts. This will include a critical assessment of various forms of victim offender mediation, as well as the application of restorative principles at various levels within the criminal justice system, as they affect victims, offenders, and the community. Alternative models of justice as a whole will also be considered.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2231 (3) Nonviolent Social Change (3 hrs Lecture)

This course explores the imperative of social change from a social justice perspective. After studying the meanings of power and its exercise as well as theories of non-violence, students are taken through the modalities of non-violent social action. The practicalities of planning, strategizing, and implementing non-violent struggle are covered through case study methodology. Students cover such topics as the formation of coalitions, getting media attention, framing messages, and mobilizing constituents. The course is designed to help students understand and participate more effectively in initiatives for non-violent social action.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2232 (3) Introduction to Conflict Resolution in

Educational Settings (4 hrs Lecture) 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.

Cross-listed: EDUC-2232(3).

Restrictions: Students may not hold credit for this course and EDUC-2232.

CRS-2241 (3) Conflict and Culture (3 hrs Lecture) In this course students explore the relationship between culture and conflict from an interdisciplinary perspective. Students examine their own cultural perspectives and worldviews as well as cultural differences in response to conflict. The course examines the origins and nature of conflict between and among cultures, with special reference to the relationships between cultural values and conflict resolution processes. Special attention is given to popular culture, religion, cultural models of conflict resolution, rituals of reconciliation, and inter-ethnic conflict in the modern world.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2242 (3) Methods of Conflict Resolution in Educational Settings (4 hrs Lecture) 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.

Cross-listed: EDUC-2242(3).

Restrictions: Students may not hold credit for this course and EDUC-2242.

Requisite Courses: CRS-2232 or EDUC 1001 or EDUC 1801, and CRS-1200 [prerequisite(s)].

CRS-2251 (3) Conflict in the Family I (3 hrs Lecture) This course is designed to help students understand how conflict develops and manifests itself within familial relationships. Students 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 learn to differentiate between destructive and constructive conflict processes in the family. They then progress to an understanding of how to transform antagonistic conflict into problem solving.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2252 (3) Conflict and Communication (3 hrs Lecture) This course provides some theoretical underpinnings of the dynamics of communication in

interpersonal and small group conflict. Issues surrounding diversity are examined in depth, specifically with respect to individual and cultural differences. Direct instruction is 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.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2261 (3) Conflict in the Family II (3 hrs Lecture) Building upon the systemic family theory and the life cycle processes studied in Conflict in the Family I, this course closely examines 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 is explored for both its deepening potential and its inhibiting power.

Requisite Courses: CRS-1200 and CRS-2251 or permission of the instructor [prerequisite(s)].

CRS-2262 (3) Conflict, Faith and Community (3 hrs Lecture) This course explores how conflict and conflict resolution are linked to personal faith and life in community. Students first have the opportunity to investigate what is meant by "faith" and "community." Students 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 is examined.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2271 (3) Conflict Within Groups (3 hrs Lecture) The dynamics of group conflict include both interpersonal interactions and collective processes. In this course students develop analytical tools and practical facilitation skills to deal with group conflict in a variety of settings: study groups, sports teams, work teams, and social change efforts. Students learn hands-on approaches for assessing complex social processes and the diverse factors in group conflict including concepts of group formation, collective decision-making, and effective facilitation. Students also study leadership and issues of power and diversity affecting groups. The teaching/learning format for this course includes lectures, small and large group work, as well as written reflections and skill development exercises.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2281 (3) Selected Topics in Conflict Resolution Studies (3 hrs Lecture) The course is designed to introduce students to the reality and complexity of conflict situations within a number of settings, such as small and large communities, organizations, and families. The course has a strong applied component, presenting specific mediation problems through a case study approach.

Requisite Courses: CRS-1200 or permission of CRS Coordinator [prerequisite(s)].

CRS-2310 (3) Conflict Resolution, Social Change and The Arts (3 hrs Seminar/Discussion) Conflict Resolution, Social Change and the Arts explores how different arts have been used to affect social change. The course looks at ways that cultural productions play a positive role in building peaceful societies. The expressive arts and other action methods can provide a bridge between personal and collective experience to help people master complex feelings in their healing process while also inspiring, motivating, and uniting social movements. The course covers theory and practice from around the world highlighting community-based arts. Students learn how to implement arts within community projects and the assessment of outcomes and, as such, make connections between artistic disciplines and community well-being.
Cross-listed: THFM-2806.

Restrictions: Students may not hold credit for this course and THFM-2806.

CRS-2421 (3) Legal Systems and Alternative Dispute Resolution (ADR) (3 hrs Lecture) Students study the basics of the Canadian Legal System, including the Constitution, the Charter of Rights and Freedoms, and the role of Parliament and Provincial legislatures in creating laws, as a context for legal conflict resolution and various alternative dispute resolution processes. This course emphasizes the use of law to resolve conflicts. Topics include rule makers, rule enforcers, civil litigation, criminal proceedings, class actions, administrative law, and alternative dispute resolution processes such as the Indian Residential School Resolution process.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2431 (3) Negotiation Theory and Practice (3 hrs Lecture) This course examines 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.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-2443 (3) Conflict and Development Issues in Indigenous Communities (3 hrs Lecture) 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 examines inter- and intra-group conflict and conflict resolution processes involving indigenous communities. Processes of marginalization and underdevelopment are 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.

Cross-listed: IDS-2443(3).

Restrictions: Students may not hold credit for this course and IDS-2443.

Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

CRS-2521 (3) Voluntary Simplicity (3 hrs Lecture) 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 environmentally sustainable alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions and is informed by the understanding that effective conflict resolution practice is enhanced by building emotional well-being, vibrant community, sustainable environment, and social justice.

Cross-listed: ENV-2521(3), IDS-2521(3).

Restrictions: Students may not hold credit for this course and ENV/IDS-2521.

Requisite Courses: ENV-1600(3) or IDS-1100(6) or permission of the instructor [prerequisite(s)].

CRS-3220 (3) Models for Conflict Transformation (3 hrs Lecture) This course examines historical and contemporary models for nonviolent conflict transformation. It defines processes such as conflict management, conflict resolution, and conflict transformation. Students explore ways to prevent destructive conflict, the roles of forgiveness and reconciliation in divided societies, and tools to build sustainable peace. Models used to address conflicts include sustainable peacebuilding, human needs theory, transformative mediation, forgiveness, nonviolent social change, public apologies, truth and reconciliation commissions, Indigenous circles, and multi-track diplomacy. This course is closely integrated with and must be taken concurrently with CRS-3221(1.5) Mediation Skills Workshop.

Restrictions: Students may not hold credit for this course and CRS-2220 | MSC-2103.

Requisite Courses: CRS-1200 or permission of instructor [prerequisite(s)]; CRS-3221 (must be taken previously or at the same time as this course).

CRS-3221 (1.5) Mediation Skills Workshop (1.5 hrs Workshop) This hands-on workshop offers students the opportunity to learn and practice third-party mediation in conflict resolution. Through interaction in small groups and various mediation simulations, students learn a model of mediation to deal with interpersonal conflicts, and skills to facilitate a mediation session whose aim is a constructive resolution between two people in conflict. This workshop is closely integrated with and must be taken concurrently with CRS-3220(3)

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)]; CRS-3220 (must be taken concurrently).

CRS-3231 (3) Ethics in Conflict Resolution (3 hrs Lecture) This course examines the ethical dimensions of conflict resolution. The first part of the course focuses on four ethical theories: Kantian, Consequentialism, Virtue and Principlism. The second part of the course draws on specific issues in conflict resolution, especially with reference to the mediation process, such as neutrality, justice and confidentiality. This part of the course includes the analysis of case studies and codes of professional

conduct.

Requisite Courses: CRS-1200(6) plus a minimum of 6 additional credit hours in CRS courses (i.e. CRS-XXXX), or permission of instructor [prerequisite(s)].

CRS-3240 (3) Workplace Conflict Resolution (3 hrs Lecture) This course examines 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 includes reference to such issues as violence, bullying, harassment, organizational culture, "constructive dismissal," and other workplace concerns.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3242 (3) Women and Peacemaking (3 hrs Lecture) 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.

Requisite Courses: CRS-1200 or WGS-1232 or permission of the instructor [prerequisite(s)].

CRS-3262 (3) Critical Issues in Conflict Resolution (3 hrs Lecture) 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 vary from year to year, but may include such topics as native/aboriginal issues, alternative healing models, and issues of conflict and spirituality.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3272 (3) Refugees and Forced Migration (3 hrs Lecture) Global trends continue to show unprecedented numbers of forcibly displaced people worldwide. Countries have struggled with how to assist refugees and internally displaced people. Less than one percent of refugees under UNHCR mandate are resettled in other countries. This course explores the root causes of forcibly displaced people; the costs associated with such movements, including economic, physical, and mental health; the responses of world governments; and the work of resettlement agencies in assisting refugees. The issues and lessons learned from the experience of resettling and integrating refugees around the world are studied, including in Canada.

Cross-listed: HR-3272(3).

Restrictions: Students may not hold credit for this course and HR-3272.

Requisite Courses: CRS-1200 or HR-1200, or permission of the instructor [prerequisite(s)].

CRS-3290 (6) International Practicum in Conflict Resolution Studies (3 hrs

Apprenticeship/Internship/Practicum) This course is an integrated work experience in an international setting for a minimum of three months. Students are expected to work 30 hours per week in a relevant organization and participate in academic exercises both before and during the practicum. Students reflect on, utilize and expand their knowledge and skills in Conflict Resolution while also examining their personal assumptions, gaining cultural awareness and enhancing their problem-solving abilities. Interested students consult with the Director of Practicum at Menno Simons College 9-months in advance of the term in which they wish to enroll.

Restrictions: Instructor Permission Required. Perm - MSC Pract Dir Required.

Requisite Courses: CRS-1200, CRS-2210, CRS-2211, CRS-2241, CRS-3220, CRS-3221, minimum GPA of 2.75 and permission of the instructor/Director of Practicum required [prerequisite(s)].

CRS-3292 (6) Directed Readings in Conflict Resolution Studies (3 hrs Directed Reading) In this course, readings and assignments in the area of Conflict Resolution Studies will be arranged between an individual student and the instructor.

Note: This course is only available to students in their final year of classes and with a declared major in CRS.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and CRS-3293 | MSC-3101.

Requisite Courses: CRS-1200, CRS-2210, CRS-3220 and permissions of the instructor [prerequisite(s)].

CRS-3293 (3) Directed Readings in Conflict Resolution Studies (3 hrs Directed Reading) This course is designed for senior students with exceptional potential in the field of Conflict Resolution. All reading requirements in the course are selected and directed by a specialist in this field.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and CRS-3292.

Requisite Courses: CRS-1200, CRS-2210, CRS-3220 and permission of the instructor [prerequisite(s)].

CRS-3298 (6) Local/National Practicum (6) in Conflict Resolution Studies (6 hrs

Apprenticeship/Internship/Practicum) This six credit hour course is an integrated work experience in a local or national setting. Students work in a relevant organization in a supervised field experience and participate in academic seminars over the course of the semester. Students reflect on, utilize and expand their knowledge and skills in Conflict Resolution while also practicing workplace and professional writing and integrating conflict theories with practice. Students gain grant writing knowledge and may also craft a publishable Op-Ed. Interested students consult with the Director of Practicum at Menno Simons College 3-months in advance of the term in which they wish to enrol Restriction: Students may not hold credit for this course and CRS-3299.

Restrictions: Perm - MSC Pract Dir Required.

Requisite Courses: CRS-1200, CRS-2210, CRS-2211, CRS-3220, CRS-3221, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3299 (3) Local/National Practicum (3) in Conflict Resolution Studies (3 hrs

Apprenticeship/Internship/Practicum) This three-credit hour course is an integrated work experience in a local or national setting. Students work in a relevant organization in a supervised field experience and participate in academic seminars over the course of the semester. Students reflect on, utilize and expand their knowledge and skills in Conflict Resolution while also practicing workplace and professional writing and integrating conflict theories with practice. Interested students consult with the Director of Practicum at Menno Simons College 3-months in advance of the term in which they wish to enrol. Restriction: Students may not hold credit for this course and CRS-3298.

Restrictions: Perm - MSC Pract Dir Required.

Requisite Courses: CRS-1200, CRS-2210, CRS-2211, CRS-3220, CRS-3221, permission of Menno Simons College Practicum Director, and a minimum cumulative GPA of 2.75 [prerequisite(s)].

CRS-3331 (3) Genocide, War, and Violent Conflict (3 hrs Lecture)

Genocide, war, and violent conflict are among the most pressing problems investigated by conflict analysts. This course helps students interpret and understand unfolding situations of large-scale violence in the world. To aid that process we examine a variety of theoretical approaches, case studies, and core debates in the area from an interdisciplinary perspective. Contemporary efforts to ameliorate selected cases of violent conflict, war, and genocide are also examined.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3332 (3) Trauma and Violence (3 hrs Lecture)

This course explores serious, violent conflict, with attention to the multifaceted causes, dynamics, and traumatic consequences of violence. It considers these issues at all relevant levels, including intrapersonal, interpersonal, familial, community, and national. Students are exposed to the existing knowledge base in research and crisis theory, and also observe and study practical skills for crisis first aid and community longer-term intervention.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-3410 (3) Models of Transitional Justice (3 hrs

Lecture) 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.

Cross-listed: HR-3410(3).

Restrictions: Students may not hold credit for this course and HR-3410 | HRGS-3410.

Requisite Courses: HR-2100 and HR-2200, or the former

HRGS-2101, or the former POL-2101 or permission of the instructor [prerequisite(s)].

CRS-3901 (3) Humanitarian Aid and Conflict: Do No Harm (3 hrs Lecture)

This course focuses on the problems of providing assistance in complex emergencies, where armed conflict has generated crises requiring a humanitarian response. It covers the nature of contemporary armed conflict, the actors involved in responding to complex emergencies, and the many dimensions of humanitarian aid and intervention. Through analysis of aid's impacts on the conflict and its effectiveness at meeting human needs, the course explores models of humanitarian assistance that minimize negative impacts.

Cross-listed: IDS-3901(3).

Restrictions: Students may not hold credit for this course and IDS-3901.

Requisite Courses: CRS-1200 or IDS-1100 and 45 credit hours of university credit, or permission of the instructor [prerequisite(s)].

CRS-3910 (3) Peace Theory and Practice (3 hrs

Lecture) 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, Ræderon, 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).

Cross-listed: IDS-3910(3).

Restrictions: Students may not hold credit for this course and IDS-3910.

Requisite Courses: CRS-1200 or IDS 1100 or permission of the instructor [prerequisite(s)].

CRS-3920 (3) Action Research Methods (3 hrs

Lecture) This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the fields of international development and conflict resolution studies. The course emphasizes attitudes and skills necessary to conduct participatory action research. Topics and techniques covered in the course include planning for research, proposal writing, sampling strategies, interviewing and focus group techniques, life history, photovoice and participatory video, integrating qualitative and quantitative methods, and post-field work activities.

Cross-listed: IDS-3920(3).

Restrictions: Students may not hold credit for this course and IDS-3920.

Requisite Courses: CRS-1200 or IDS 1100 or permission of the instructor [prerequisite(s)].

CRS-3931 (3) Human Rights and Conflict Resolution

(3 hrs Lecture) Human rights advocates and conflict resolution practitioners both aim to build peaceable societies based on mutual respect and the rule of law. Rights advocates typically push the justice agenda while conflict resolution practitioners strive for transformation

often without utilizing human rights norms and institutions as a basis for stability. This course systematically evaluates the tensions and parallels between the two fields, examining some of the ways in which human rights and conflict resolution scholars and practitioners can interact in their approaches. Basic human rights concepts are introduced and case studies are used in an exploration of the issues.

Cross-listed: HR-3931(3).

Restrictions: Students may not hold credit for this course and HR-3931.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-4200 (3) Senior Seminar in Conflict Resolution Studies (3 hrs Seminar/Discussion) This course provides a broad overview of the field of Conflict Resolution Studies, and highlights the unity in the field at all scales from the personal to the global. It emphasizes major theories and practical approaches with which to analyze and address different types of social conflict at interpersonal/organizational and community/global levels. As a major component of the course requirement students research and present a mini-thesis on a topic of their choice.

Requisite Courses: CRS-1200, CRS-2210, CRS-2241, and CRS-3220 or permission of the instructor [prerequisite(s)].

CRS-4224 (3) Inner Peace and Conflict

Transformation (3 hrs Lecture) 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.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

CRS-4240 (3) Workplace Dispute Resolution System

Design (3 hrs Lecture) The course is designed to develop an understanding of the nature and causes of conflict in the workplace, and the implementation of conflict resolution systems within the organization. Areas of study include systems design related to the organizational culture, context, and structure. It examines past and current conflict resolution systems, structures that are necessary to support conflict management systems, and emerging trends in workplace dispute systems design. The course then studies organizational advantages and disadvantages of investing in dispute systems design.

Requisite Courses: CRS-1200 and CRS-3240 or permission of the instructor [prerequisite(s)].

CRS-4252 (3) Advanced Studies in Mediation Practice

(3 hrs Lecture) 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 are examined in several different contexts where mediation is practiced, including areas

such as victim-offender conflict, family and divorce, labour-management relations, environmental issues, conflict in schools, and international relations. In each case the examination emphasizes the social-structural circumstances that influence the nature of mediation practice. The course draws extensively on research findings and case-study materials relating to the contemporary practice of mediation.

Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, or permission of the instructor [prerequisite(s)].

CRS-4293 (3) Directed Readings in Conflict Resolution Studies (3 hrs Directed Reading) This course is offered to senior CRS students. Readings, assignments, and course of study are selected and agreed upon in consultation between the individual student and the instructor.

Restrictions: Department Permission Required.

Requisite Courses: CRS-1200 and CRS-2210 and CRS-3220, and permission of the Department Chair [prerequisite(s)].

CRS-4350 (3) Post-Conflict Truth, Memory, and

Reconciliation (3 hrs Seminar/Discussion) 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.

Cross-listed: HR-4350(3).

Restrictions: Students may not hold credit for this course and HR-4350 | HRGS-4350.

Requisite Courses: HR-3410, CRS-3410, or the former HRGS-3410 or permission of the instructor [prerequisite(s)].

CRS-4910 (3) Conflict and the Construction of the

Other (3 hrs Seminar/Discussion) 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.

Cross-listed: IDS-4910(3).

Restrictions: Students may not hold credit for this course and IDS-4910.

Requisite Courses: CRS-1200 and CRS-2210, and CRS-3220 or IDS-1100, and IDS-2110 and IDS-3111 or permission of the instructor [prerequisite(s)].

CRS-4920 (3) Program Planning in Development and

Conflict Resolution (3 hrs Lecture) Program planning is a critical first step in most interventions by development and

conflict resolution organizations. This course covers blueprint planning required for preparation of funding proposals and various forms of strategic and participatory planning required for the application of results-based management and learning approaches during program implementation. Current debates regarding approaches to planning are also reviewed. Students acquire skills necessary for conceptualizing and implementing international or domestic projects undertaken by non-governmental organizations: needs assessment, goal and purpose identification, formulation of logframe, workplan and budget, and preparation of a funding proposal.

Cross-listed: IDS-4920(3).

Restrictions: Students may not hold credit for this course and IDS-4920.

Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

CRS-4922 (3) Program Evaluation in Development and Conflict Resolution (3 hrs Lecture) Evaluating programs is a means of systematically assessing interventions designed to promote development and conflict resolution. This course covers formative evaluations required for program decision-making and summation evaluations applicable for analyzing outcomes and impacts to determine relevance, effectiveness, efficiency, sustainability and potential for replication of programs normally implemented by non-governmental organizations. Current debates in approaches to evaluation are also reviewed. Students acquire skills in: selecting relevant quantitative and qualitative indicators, various approaches to obtain measures for the indicators selected, approaches to analyzing collected data, and effective presentation of evaluation conclusions and recommendations. Cost-benefit analysis is covered in ECON-3316(3).

Cross-listed: IDS-4922(3).

Restrictions: Students may not hold credit for this course and IDS-4922.

Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

COOPERATIVE EDUCATION (COOP)

COOP-2999 (0 or 3) Co-op Work Term I

(Apprenticeship/Internship/Practicum) This course offers a cooperative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when beginning their first work term placement. Performance is evaluated by the employer and the departmental cooperative supervisor, and may include a work-term performance report by the student; grading may be pass/fail or by letter grade. The credit version normally includes an academic assignment. The course 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.

Restrictions: Department Permission Required.

COOP-3999 (0 or 3) Co-op Work Term II

(Apprenticeship/Internship/Practicum) This course offers a cooperative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when beginning their second or subsequent work term placement. Performance is evaluated by the employer and the departmental cooperative supervisor, and may include a work-term performance report by the student; grading may be pass/fail or by letter grade. The credit version normally includes an academic assignment. The course 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.

Cross-listed: ACS-3700(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ACS-3700.

Requisite Courses: COOP-2999 [prerequisite(s)].

COOP-4999 (0 or 3) Co-op Work Term III

(Apprenticeship/Internship/Practicum) This course offers a cooperative work placement or other experiential learning opportunity adaptable to a wide variety of contexts and disciplines. Students register for this course when beginning their third or subsequent work term placement. Performance is evaluated by the employer and the departmental cooperative supervisor, and may include a work-term performance report by the student; grading may be pass/fail or by letter grade. The credit version normally includes an academic assignment. The course 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.

Restrictions: Department Permission Required.

Requisite Courses: COOP-3999 [prerequisite(s)].

CRIMINAL JUSTICE

CJ-1002 (3) Introduction to Criminal Justice (3 hrs Lecture) This course 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, and theoretical materials are covered.

Restrictions: Students may not hold credit for this course and CJ-1101.

CJ-2100 (3) Foundations of Justice (3 hrs Lecture) This course examines the academic foundations of the interdisciplinary study of criminal justice. It explores political, philosophical, legal, social, and methodological foundations of the field. The course provides a base for more advanced third year work.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor

Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2114 (3) Quantitative Methods and Research

Design in Criminal Justice (3 hrs Lecture | 2 hrs Lab)

This course is an introduction to research design using quantitative methods. It will cover the use of descriptive and inferential statistics in the social sciences, with an emphasis on criminal justice. Students are 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.

Restrictions: Students may not hold credit for this course and CJ-2101(3).

Requisite Courses: CJ-1002 [prerequisite(s)]; CJ-2114L (lab) (must be taken concurrently).

CJ-2115 (3) Qualitative Methods and Research

Design in Criminal Justice (3 hrs Lecture) This course is an introduction to the use of research design and qualitative methods in the social sciences, with an emphasis on criminal justice. Students are introduced to research design and qualitative methods. Topics covered include the use of different research perspectives and strategies, interviewing and ethnography, ethics, indigenous and oral history approaches, and techniques of data analysis. This course is required for majors and honours students.

Restrictions: Students may not hold credit for this course and CJ-2101(3).

Requisite Courses: CJ-1002 [prerequisite(s)].

CJ-2120 (3) Policing in Canada (3 hrs Lecture) Examines the organization and operation of contemporary Canadian policing. The police occupation is assessed, including socialization of recruits. Key areas of focus include the Charter of Rights and Freedoms and police powers, the use of force, corruption, accountability, police administration and the political dimension of police work.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor

Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2125 (3) Victimology (3 hrs Lecture) 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 become familiar with socio-demographic profiles of crime victims. Victims' rights, effect of victimization (including revictimization in the media) and victim attitudes towards the justice system are discussed. This course was formerly called Crime Victims.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor.

Restrictions: Students may not hold credit for this course and CJ-3125 | SOC-3125.

Requisite Courses: CJ-1002, or the former CJ-1101, or SOC-1101 [prerequisite(s)].

CJ-2130 (3) Criminal Law (3 hrs Lecture) 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.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor

Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2203 (3) Institutional Corrections (3 hrs Lecture)

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.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor

Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2204 (3) Community Corrections (3 hrs Lecture)

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.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor

Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-2222 (3) Criminal Justice Field School (3 hrs

Lecture | Lab) This course deepens students understanding of the criminal justice system and its applications across Canada through experiential learning. Although all provinces and territories are under one Federal Criminal Code, systems vary greatly between southern provinces and northern territories. In this course students visit numerous agencies operating in Winnipeg and travel to a location in the North (e.g. Rankin Inlet) to visit a variety of agencies operating there. Note that the Northern location visited may vary from year-to-year. Reflections on and comparisons of these experiences will provide students with deeper understandings of the Canadian Criminal Justice System.

Note: Students must be able to pay for flights and room and board.

Restrictions: Instructor Permission Required.

Requisite Courses: CJ-1002(3), CJ-2130(3), CJ-2100(3) [prerequisite(s)]; CJ-222L (lab) (must be taken concurrently).

CJ-3107 (3) Crime, Media and Popular Culture (3 hrs Lecture) Critically examines the depiction of crime and the criminal justice system in the media and popular culture, including television, film, print and the Internet. Key research findings and theoretical approaches to studying crime in the media and popular culture are discussed. Implications for policy, public opinion and the operation of the agencies of the criminal justice system are examined.
Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3117 (3) Crime Careers (3 hrs Lecture) Examines a selection of criminal careers, focusing on a variety of dimensions. 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.

Restrictions: Students may not hold credit for this course and CJ-2102.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3121 (3) Race and the Criminal Justice System (3 hrs Lecture) This course examines definitions of "race" and racism, and explores different ways of theorizing their relationship to law, criminal justice, and criminological knowledge. The course uses empirical cases in policing, sentencing, corrections, border control, and policy-making in order to explore the particular dynamics of race, the law, and criminal justice in Canada. It includes a focus on relationships between ongoing colonialism, immigration policy, the criminal justice system, and the large scale imprisonment of indigenous people and people of colour in Canada. It also considers policy and social movement responses to racism in the criminal justice system.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3122 (3) Criminal Intelligence Analysis (3 hrs

Lecture) This course examines criminal intelligence analysis in Canadian law enforcement. Skills, techniques, and challenges in the field of intelligence analysis are addressed. Specific topics include intelligence-led policing, tactical and strategic intelligence, and ethical issues. Investigations and case studies are used to facilitate comprehension of course concepts and their practical application.

Requisite Courses: CJ-2120 [prerequisite(s)].

CJ-3130 (3) Criminal Procedure (3 hrs Lecture)

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.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2130 [prerequisite(s)].

CJ-3184 (3) Surveillance, Information, and Criminal Justice (3 hrs Lecture)

This course provides students with a critically informed understanding of surveillance in Canada. A main goal is to explore concepts and develop skills to engage with claims about surveillance and related topics such as policing. Students learn to define surveillance, information, and the relationship of surveillance to the nation-state as well as policing. With focus on empirical examples from the realm of criminal justice, students critically assess recent theoretical statements made concerning surveillance: (a) Foucault's panopticism, (b) Mathiesen's synopticism, (c) Deleuze's control societies, and (d) Haggerty/Ericson's surveillant assemblages.

Requisite Courses: CJ-1101 or CJ-1002 and CJ-2100 [prerequisite(s)].

CJ-3201 (3) Comparative Crime and Criminal Justice (3 hrs Lecture)

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 transnational crime are examined.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3204 (3) Crime Prevention (3 hrs Lecture)

Explores the history and development of perspectives on crime and crime prevention and critically examines the theoretical approaches within the field. The course will also focus on contemporary spatial perspectives on crime prevention. A variety of disciplinary perspectives analyze the relationship between crime, fear and space including geography,

criminology, city planning and architecture. Specific situational and physical environmental strategies of crime prevention are discussed.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3205 (3) Professional Ethics in Criminal Justice (3 hrs Lecture) 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.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3223 (3) Green Criminology (3 hrs Lecture) This course examines the history and contemporary nature of 'green' (environmental) criminology harms as well as the diverse strategies developed to protect the environment. It explores the way in which governments, transnational corporations, military apparatuses, and ordinary people going about their everyday activities routinely harm the environment, ecology and animals. Topics include the social construction of environmental problems, pollution, illegal disposal of waste, animal rights, the prosecution of specific environmental offences, the regulation of environmental activities, environmental risk, and transnational offences. Students may also be interested in CJ/SOC-3233, which covers different material.

Cross-listed: SOC-3223(3).

Restrictions: Students may not hold credit for this course and SOC-3223.

Requisite Courses: CJ-1002(3) or the former CJ-1101(6), or SOC-1101 or permission of the instructor [prerequisite(s)].

CJ-3233 (3) Green Justice (3 hrs Lecture) This course examines inequalities across race, gender, class and locality in relation to environmental problems such as toxic waste disposal, air pollution, climate change, deforestation, and environmental disasters. It also examines the response to these inequalities in the form of local and global movements, protests, and politics. Topics include: the history of green justice; how green justices are created; differential exposure to environmental risks; the impact of green inequalities and the various responses to green injustices. Students may also be interested in CJ/SOC-3223, which covers different material.

Cross-listed: SOC-3233(3).

Restrictions: Students may not hold credit for this course and SOC-3233.

Requisite Courses: CJ-1002 or the former CJ-1101, or SOC-1101 or permission of the instructor [prerequisite(s)].

CJ-3400 (3) Selected Topics in Criminal Justice (3 hrs Lecture) Examines specific topics in Criminal Justice at the third year level. Students should consult the department regarding potential offerings in a given year.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3444 (3) Gender and the Criminal Justice System (3 hrs Lecture) This course explores Canadian criminal justice practices through a gendered lens. Students examine how gender contours our understanding of crime, its construction, and representation. Students examine the link between gender and surveillance, correction, legality, punishment, criminalization, and discipline found in criminal justice practices. The course utilizes feminist legal frameworks, historical and contemporary criminological, sociological, and political perspectives on gender and the system of justice. The primary focus is an examination of an intersectional approach to assess how the law structures and is structured by social contexts and social inequalities, including race, class, and sexuality.

Requisite Courses: CJ-1101 or CJ-1002 and CJ-2100 [prerequisite(s)].

CJ-3470 (3) Forensic Psychology (3 hrs Lecture) This course examines ways that psychological principles can inform understand of and practices in the criminal justice system (i.e., law enforcement, courts, corrections). Topics to be covered include: detection of deception, eyewitness testimony, legal decision-making, juries, mental illness in court, risk assessment, psychopathology, and corrections. Research on psychological factors in the criminal justice system and field practices are emphasized.

Cross-listed: PSYC-3470(3).

Restrictions: Students may not hold credit for this course and PSYC-3470.

Requisite Courses: CJ-1002 or the former CJ-1101 and CJ-2101, or PSYC-1000, PSYC-2101 and PSYC-2102, or SOC-2125 and SOC-2126 [prerequisite(s)].

CJ-3500 (3) Interpersonal Violence (3 hrs Lecture) Utilizes an interdisciplinary approach to examining interpersonal violence as a critical and complex social issue. Specific types of interpersonal violence covered include child abuse and neglect, child sexual violence, spousal abuse, elder abuse, date rape and other forms of intimate sexual and physical violence. The 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.

Requisite Courses: CJ-1002 or the former CJ-1101, and CJ-2100 [prerequisite(s)].

CJ-3800 (6) Criminal Justice Field Placement (3 hrs Apprenticeship/Internship/Practicum) Places students in a criminal justice or human services agency. Students provide service to the community while gaining the benefit of practitioner experience. The course instructor will assist students in applying lessons learned in the class room to their respective placements through structured class discussion, reflective journals and a library paper assignment.

Note: Students must have a declared major in Criminal Justice, or permission from the Instructor

Restrictions: Department Permission Required.
Requisite Courses: CJ-2100 and CJ-2130 and permission of the Department Chair [prerequisite(s)].

CJ-4102 (3) Advances in Qualitative and Visual Methods (3 hrs Seminar/Discussion) This course explores advances in qualitative inquiry including visual studies and social media studies. This course covers the full cycle of a qualitative research project. The course aims to (1) develop critical skills in interpreting reports of qualitative studies, (2) improve understanding of the core methods of qualitative data collection and analysis, (3) enhance understandings of research design, as well as (4) provide experience in analyzing and interpreting qualitative data. This course is designed for students in criminal justice studies but could appeal to anyone in the social sciences or humanities.

Restrictions: Instructor Permission Required. Honours Form Required.

CJ-4105 (3) Seminar in Youth and the Criminal Justice System (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: CJ-1002 or the former CJ-1101 [prerequisite(s)].

CJ-4116 (3) Program and Policy Evaluation (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: CJ-2114 and CJ-2115 or the former CJ-2101, or SOC-2125 and SOC-2126, or PSYC-2101 and PSYC-2102 [prerequisite(s)].

CJ-4122 (3) Capstone Seminar in Criminal Justice (3 hrs Seminar/Discussion) 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 courts process; policing; and punishment and corrections.

Restrictions: Honours Form Required.

Requisite Courses: CJ-1002 or the former CJ-1101 and CJ-3205 [prerequisite(s)].

CJ-4123 (3) Honours Thesis in Criminal Justice (Project / Thesis with variable meeting hours) The Honours thesis provides students the opportunity to complete an extensive research paper or conduct a research project on a subject of interest relevant to the discipline. In addition to completing the project, students in this course are expected to meet with a faculty supervisor on a regular schedule throughout the academic year. Presentation of their research results verbally and in thesis form to the Criminal Justice Department are integral to the course. Permission of the Department Chair is required.

Restrictions: Honours Form Required.

Requisite Courses: CJ-4122 [prerequisite(s)].

CJ-4130 (3) Advanced Criminal Law (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: CJ-2130 and CJ-3130 or permission of the instructor [prerequisite(s)].

CJ-4200 (3) Gangs, Crime, and the Inner-City (3 hrs Seminar/Discussion) This course examines the relationship between street gangs, crime and their impact on the inner city. The complexity of defining gangs is explored, as well as the social processes and subcultural influences that contribute to their formation. The crime-related activities of gang members in inner-city neighbourhoods such as drug market involvement and sex trade are assessed. In addition, the course considers the emergence and functioning of gangs in prisons and schools. While the course focuses on the gang situation in Winnipeg, it also compares the situation to that in the United States. This course challenges students to critically assess policies and programs proposed for gang prevention and intervention.

Restrictions: Honours Form Required.

Requisite Courses: CJ-1101 [prerequisite(s)].

CJ-4300 (3) Critical Criminal Justice Theory (3 hrs Lecture) Examines some of the major critical theoretical perspectives of the social sciences. The course is intended to offer an advanced discussion of Marxist, Foucaultian, and newly emerging critical realist perspectives as they are used to make sense of criminal justice.

Restrictions: Honours Form Required.

CJ-4400 (3) Selected Topics in Criminal Justice (3 hrs Lecture) Explores specific topics in Criminal Justice at an advanced level. Students should consult the department regarding potential offerings in a given year.

Restrictions: Honours Form Required.

CJ-4401 (3) Criminal Justice Directed Readings (3 hrs

Directed Reading) In this course, criminal justice readings and assignments are arranged between an individual student and department faculty member. Topics may not duplicate regular course offerings in criminal justice or other departments. A course outline with assignments, meeting schedule between the instructor and student, written assignments and course weights must be approved in advance, with written permission of the instructor and Honours Program Chair.

Restrictions: Honours Form Required. Permission of Chair and Instr.

Requisite Courses: A minimum of 3.0 GPA in Criminal Justice courses, and completion of at least one 3000-level Criminal Justice course [prerequisite(s)].

CJ-4500 (3) Colonialism and Criminal Justice in

Canada (3 hrs Seminar/Discussion) This seminar explores the relationship between settler colonialism and the Criminal Justice system in Canada. The criminal justice system is considered as one among many interlocking systems that shape the life chances of Indigenous peoples in the present, and continues to be shaped by Indigenous peoples' resistance to attempted domination. Topics may include: Indigenous legal systems; deaths in custody; policing; murdered and missing Indigenous women and girls; social work; resistance and resurgence movements; and restorative justice. Emphasis is placed on reading Indigenous scholars from across Turtle Island and cultivating tools to critically engage with hegemonic narratives about Indigenous criminalization.

Restrictions: Honours Form Required.

Requisite Courses: CJ-1002(3) or the former CJ-1101(6), or permission of the instructor [prerequisite(s)].

CJ-4654 (3) Wrongful Convictions (3 hrs

Seminar/Discussion) This course uses an interdisciplinary lens to examine the issue of wrongful convictions in Canada. A combination of legal and social-science perspectives and readings will be used to identify how and why wrongful convictions take place and to discuss evidence-based remedies to reduce their likelihood. Topics may include the roles of: eyewitness memory; false confessions; plea bargaining; forensic biases; prosecutors and defense counsel; misleading scientific evidence; and unsavoury Crown witnesses.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: CJ-2130(3) and CJ-3130(3) [prerequisite(s)].

CJ-4800 (6) Research Field Practicum

(Apprenticeship/Internship/Practicum with variable meeting hours) This applied course will give students the opportunity for service based learning. Students will spend eight hours per week at a previously arranged field site and engage in service.

Restrictions: Honours Form Required. Students may not hold credit for this course and SOC-4800.

Requisite Courses: Completion of CJ-3205; and completion of CJ-2114 and CJ-2115 or the former CJ-2101, or SOC-2125 and SOC-2126, or PSYC-2101 and PSYC-2102 [prerequisite(s)].

DANCE PROGRAM

DANC-1901 (3) Survey of Dance I (3 hrs Lecture) 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.

Requisite Courses: DANC-2901 (must be taken concurrently).

DANC-1902 (3) Survey of Dance II (3 hrs Lecture) This is a continuation of DANC-1901(3).

Requisite Courses: DANC-1901 or permission of the Program Co-Director [prerequisite(s)]; DANC-2902 (must be taken concurrently).

DANC-1904 (6) Spring Dance Intensive I (3 hrs Lecture)

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 (3 hrs Lecture) 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.

Requisite Courses: DANC-1901 (must be taken concurrently).

DANC-2902 (6) Dance Technique II (3 hrs Lecture) This is a further development of DANC-2901(6) Dance Technique I.

Requisite Courses: DANC-2901 or permission of the Program Co-Director [prerequisite(s)]; DANC-1902 (must be taken concurrently).

DANC-2904 (6) Spring Dance Intensive II (3 hrs Lecture) 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.

Requisite Courses: DANC-2901 or equivalent or permission of the Program Co-Director [prerequisite(s)].

DANC-3901 (6) Dance Technique III (3 hrs Lecture) This is a further development of DANC-2902(6) Dance Technique II.

Requisite Courses: DANC-2902 or permission of the Program Co-Director [prerequisite(s)]; DANC-3902 and DANC-3903 (must be taken concurrently).

DANC-3902 (6) Performance I (3 hrs Lecture) This course is a performance project focusing on works by faculty members and/or guest choreographers. It includes rehearsals and performances.

Requisite Courses: DANC-3901 and DANC-3903 (must

be taken concurrently).

DANC-3903 (6) Performance II (3 hrs Lecture) This is a second performance project course focusing on works by faculty members and/or guest choreographers.

Requisite Courses: DANC-3901 and DANC-3902 (must be taken concurrently).

DANC-3904 (6) Spring Dance Intensive III (3 hrs Lecture) 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.

Requisite Courses: DANC-2902 or equivalent or permission of the Program Co-Director [prerequisite(s)].

DANC-3910 (6) Dance Composition I (3 hrs Lecture)

This course explores methods of choreography and includes choreographic assignments culminating in public performances. It is normally taken in the third year.

Restrictions: Department Permission Required.

DANC-3911 (6) Dance Paedagogy I (3 hrs Lecture) 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.

Restrictions: Department Permission Required.

DANC-3912 (6) Special Studies in Dance I (3 hrs Lecture)

DANC-4901 (6) Dance Technique IV (3 hrs Lecture) This course is a further development of DANC-3901(6) Dance Technique III.

Restrictions: Honours Form Required.

Requisite Courses: DANC-3901 or permission of the Program Co-Director [prerequisite(s)]; DANC-4902 and DANC-4903 (must be taken concurrently).

DANC-4902 (6) Performance III (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: DANC-3901, DANC-3902, and DANC-3903 or permission of the Program Co-Director [prerequisite(s)]; DANC-4901 and DANC-4903 (must be taken concurrently).

DANC-4903 (6) Performance IV (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: DANC-3901, DANC-3902, and DANC-3903 or permission of the Program Co-Director [prerequisite(s)]; DANC-4901 and DANC-4902 (must be

taken concurrently).

DANC-4904 (6) Spring Dance Intensive IV (3 hrs Lecture) 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.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3901 or equivalent or permission of the Program Co-Director [prerequisite(s)].

DANC-4910 (6) Dance Composition II (3 hrs Lecture) This course represents a further development of DANC-3910(6) Dance Composition I.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3910 and permission of the Program Co-Director [prerequisite(s)].

DANC-4911 (6) Dance Paedagogy II (3 hrs Lecture) 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.
Restrictions: Honours Form Required.
Requisite Courses: DANC-3911 and permission of the Program Co-Director [prerequisite(s)].

DANC-4912 (3 or 6) Special Studies in Dance II (3 hrs Lecture)

DEVELOPMENTAL STUDIES

DEV-2004 (3) Observation and Evaluation Techniques in Child-Care Settings (3 hrs Lecture)

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.

Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3001 (3) Applied Child Development (3 hrs

Lecture) This course focuses on the application of theory and research in child development. The course covers primarily 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.

Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3100 (3) The Child, Family, and Social Policy (3

hrs Lecture) 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 enables students to participate in the policy process and explore issues in the current child-care policy agenda.

Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3300 (3) Speech and Language Disorders in

Children (3 hrs Lecture) This course is designed to introduce students to the field of communication disorders in children. It provides an overview of professional issues. Possible topics include the identification of different types of communication disorders, procedures in the evaluation and treatment of these disorders, and child-care program planning techniques.

Cross-listed: LING-3105(3).

Restrictions: Students may not hold credit for this course and LING-3105.

Requisite Courses: PSYC-2200 or permission of the Director of Developmental Studies [prerequisite(s)].

DEV-3400 (3) Parents, Families, and Professionals in

Child Care (3 hrs Lecture) This course considers theory and practice in establishing and maintaining productive

relationships with parents, families, and professionals in the child care setting. Topics include methods of effective communication; responsibilities to parents, families, and professionals; and the relationship between child-care settings and community resources.

DEV-3500 (3) Independent Study (3 hrs Directed

Reading) 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.

Note: Written permission of the Instructor and the Director of Developmental Studies are required to take this course.

Restrictions: Department Permission Required. Instructor Permission Required.

DEV-3600 (3) Special Topics in Developmental

Studies (3 hrs Lecture) 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.

Note: Written permission of the Instructor and the Director of Developmental Studies are required to take this course.

DEV-3610 (3) Topics in Leadership in Early Childhood

Care and Education (ECCE) (3 hrs Lecture) 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.

Note: Written permission of the Director of Developmental Studies is required to take this course. Students are expected to take this course in the final term of their Developmental Studies program.

Restrictions: Students may not hold credit for this course and DEV-3310 | DEV-3410.

Requisite Courses: DEV-3630 (must be taken previously or at the same time as this course).

DEV-3630 (3) Advanced Internship

(Apprenticeship/Internship/Practicum | 1 hrs Seminar/Discussion) 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.

Note: Written permission of the Director of Developmental Studies is required to take this course. Students are expected to take this course in the final term of their

Developmental Studies program.

Restrictions: Students may not hold credit for this course and DEV-3330 | DEV-3430.

Requisite Courses: DEV-3610 (must be taken previously or at the same time as this course).

DISABILITY STUDIES

DIS-1003 (3) Introduction to Disability Studies I (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and SOC-1003.

DIS-1004 (3) Introduction to Disability Studies II (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and SOC-1004.

DIS-2100 (3) Theorizing Disability (3 hrs Lecture) Prior to the 1970s, the concept of disability was centered 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.

Restrictions: Students may not hold credit for this course and SOC-2100.

Requisite Courses: SOC-1101 or DIS-1003 or DIS-1004 [prerequisite(s)].

DIS-2200 (3) Disabilities and Sexualities (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Ableism and risk of disadvantage or discrimination are clear, yet focus on equity, employment access, services, and physical health needs may render invisible issues of sexual health, identity, and expression of disabled people. This course embraces social models and explores implications of challenging bio-medical views of sexualities and disabilities, focusing

on if, or how, disabled people embrace their sexualities and/or are prevented from doing so. Students explore these topics from critical disability, feminist, queer, and intersectional perspectives. Recognizing and balancing complex and sometimes apparently competing self-identities and needs are integral from a disability justice perspective.

Cross-listed: WGS-2264(3).

Restrictions: Students may not hold credit for this course and WGS-2264.

Requisite Courses: DIS-1003 and DIS-1004 or WGS-1232 or 30 credit hours [prerequisite(s)].

DIS-3001 (3) Disability Studies Seminar I (3 hrs Seminar/Discussion) This upper-level seminar course, which builds on DIS-2100(3) Theorizing Disability, allows students to deepen their study of disability-related topics, social models of disability, and the works of key disability studies theorists. The focus of the course may vary from year to year, but a common theme is the consideration of the socio-political meanings of non-conformist bodies. Key questions include: "What is disability?" and "Do intersections of difference (e.g., gender, race, sexuality, class) matter?" With the aim of debating new ideas, students are expected to explore relevant scholarship on their own and with the class.

Requisite Courses: DIS-2100 or permission of the Program Coordinator [prerequisite(s)].

DIS-3003 (3) Disability Studies Directed Readings (3 hrs Seminar/Discussion) 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 Disability Studies.

Requisite Courses: DIS-2100 or permission of the Program Coordinator [prerequisite(s)].

DIS-3006 (3) Embodied Subjects (3 hrs Seminar/Discussion) This course uses an intersectional approach to embodiment that attends to how constructions of class, debility, disability, frailty, gender, race, sexuality, and other social differences come to figure in experiences and understandings of the body. We think about bodies as sites not only of social inscription but also of agency and possibility and highlight feminist and crip activism. What is embodiment? What is a subject? How are subjects embodied? What are the implications of embodied subjectivity? Why are some humans perceived as more embodied than others and how do the above constructions affect those perceptions?

Cross-listed: WGS-3006(3).

Restrictions: Students may not hold credit for this course and WGS-3006.

Requisite Courses: WGS-2333 or DIS-2100 or permission of the WGS Chair or DS Coordinator or instructor [prerequisite(s)].

DIS-4001 (3) Disability Studies Seminar II (3 hrs Seminar/Discussion) This seminar course focuses on a specific theme, author, movement, approach or theory in Disability Studies, allowing students to study, discuss, and

exchange ideas about disability-related topics in some depth. Course themes may include such areas as ageism, disabled women and violence, chronic illness and gender, accommodation in the workplace, and representations of disability in fairy-tales, media and other cultural discourses. Students should consult the Disability Studies Coordinator for details. This course may be repeated for credit when the topic varies.

Restrictions: Department Permission Required. Instructor Permission Required.

Requisite Courses: Any 3000-level DIS course and permission of the Chair (or designate) or Coordinator [prerequisite(s)].

DIS-4900 (3) Honours Research Paper (Directed Reading with variable meeting hours) The Honours Research Paper allows a student, in consultation with a faculty member, to pursue an area of interest that has emerged in their program of study. The course is taught on an individual arrangement between Supervisor and student. A Reader, with relevant expertise, also evaluates the final version. When scheduling permits, the student presents results at the annual WGS/DIS Colloquium. Topics may include an exploration of a film, novel, television or online show in its representations of ability and disability or evaluations of particular practical strategies and tactics like separation and mainstreaming for persons living with disabilities.

Restrictions: Department Permission Required. Instructor Permission Required.

Requisite Courses: DIS-2100 and permission of the Chair (or designate) or the Coordinator [prerequisite(s)].

EAST ASIAN LANGUAGES & CULTURE

EALC-1004 (3) East Asian Cultural Foundations (3 hrs Lecture) This course introduces students to the cultural traditions and belief systems of East Asia (primarily China, Japan, and Korea). Traditions examined include Confucianism, Daoism (Taoism), and Buddhism. Special attention is given to the examination of ideas stemming from primary source documents (in translation) within their historical and cultural contexts. Emphasis is given to the central role played by developments in China for the formation of East Asian cultural values.

EALC-1100 (6) Introduction to Japanese Language (3 hrs Lecture | 1 hrs Lab) This course 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 Japanese syllabary (hiragana and katakana) and basic Japanese characters (kanji). In addition to providing the basis for further research for EALC students interested in Japanese studies, the course is of interest to a variety of students from various disciplines interested in acquiring basic Japanese language skills.

Note: Native speakers of Japanese or students who have standing in Japanese 40S or equivalent are not eligible to take this course.

Restrictions: Students may not hold credit for this course and REL-2020.

Requisite Courses: EALC-1100L (lab) (must be taken concurrently).

EALC-1200 (6) Introduction to Chinese Language (3 hrs Lecture | 1 hrs Lab) 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 EALC students interested in Chinese studies, the course is of interest to a variety of students from various disciplines interested in acquiring basic Chinese language skills.

Note: This course is not intended for Chinese native speakers, including speakers of dialects other than Mandarin.

Restrictions: Students may not hold credit for this course and REL-2030.

Requisite Courses: EALC-1200L (lab) (must be taken concurrently).

EALC-1300 (6) Introduction to Korean Language (3 hrs Lecture | 1 hrs Lab) This course introduces students to the modern Korean 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 Korean characters known as Hangul. In addition to providing the basis for further research in East Asian Languages and Cultures, the course is of interest to a variety of students from various disciplines interested in acquiring basic Korean language skills.

Note: Native speakers of Korean or students who have

standing in Korean 40S are not eligible to take this course.

Restrictions: Students may not hold credit for this course and REL-2040.

Requisite Courses: EALC-1300L (lab) (must be taken concurrently).

EALC-2031 (3) Chinese-English Translation (3 hrs Lecture) This course seeks to improve students' language skills and deepen their ability to communicate meanings in written texts between the two languages and two cultures. Students translate original scripts drawn from various genres of literature, including scientific materials and documents. Basic approaches include guided class discussion, a minimum of lecture time and a maximum of translation practice time. This course is an introduction to the principles and techniques of translation, but requires proficiency in the Chinese and English languages.

Requisite Courses: At least 3 credit hours at the 1000 level in Rhetoric, Writing and Communication [prerequisite(s)].

EALC-2100 (6) Intermediate Japanese Language (3 hrs Lecture | 1 hrs Lab) 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 EALC who are interested in Japanese studies, this course is of interest to elementary students of Japanese who wish to improve their language skills.

Note: Native speakers of Japanese are not eligible to take this course.

Requisite Courses: EALC-1100 [prerequisite(s)]; EALC-2100L (lab) (must be taken concurrently).

EALC-2200 (6) Intermediate Chinese Language (3 hrs Lecture | 1 hrs Lab) 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. Chinese dictionary usage is also addressed. In addition to providing the basis for further research for EALC students interested in Chinese studies, this course is of interest to a variety of students who wish to improve their Chinese language skills.

Note: Speakers of dialects other than Mandarin must receive permission from the instructor to take this course.

Requisite Courses: EALC-1200 or permission of the instructor [prerequisite(s)]; EALC-2200L (lab) (must be taken concurrently).

EALC-2301 (3) Intermediate Korean I (3 hrs Lecture | 1 hrs Lab) Intermediate Korean I is the first term of intermediate Korean language. The course is designed for students who have completed Introduction to Korean or the equivalent. To complete Korean language at the

intermediate level, students must continue on to Intermediate Korean II. Building on their knowledge of Korean, students learn more advanced vocabulary, grammar, and idiomatic expressions. Students also learn about Korean culture through the textbook and audiovisual media. Students are encouraged to speak as much Korean as possible to improve their oral communication skills. Overall, the course aims to develop intermediate-level proficiency in reading, writing, speaking, and listening skills.

Restrictions: Students may not hold credit for this course and EALC-2300.

Requisite Courses: EALC-1300, or equivalent [prerequisite(s)]; EALC-2301L (lab) (must be taken concurrently).

EALC-2302 (3) Intermediate Korean II (3 hrs Lecture | 1 hrs Lab) Intermediate Korean II is the second term of intermediate Korean language. The course is designed for students who have already completed Intermediate Korean I in addition to Introductory Korean or the equivalent. Building on their knowledge of Korean, students learn more advanced vocabulary, grammar, and idiomatic expressions used in traditional and modern Korean. Students also learn about Korean culture through the textbook and audiovisual media. Students are encouraged to speak as much Korean as possible to improve their oral communication skills. Overall, the course aims to develop intermediate-level proficiency in reading, writing, speaking, and listening skills.

Restrictions: Students may not hold credit for this course and EALC-2300.

Requisite Courses: EALC-2301, or equivalent [prerequisite(s)]; EALC-2302L (lab) (must be taken concurrently).

EALC-2707 (3) Chinese Religions (3 hrs Lecture) 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 and the resurgence of religion in contemporary China will also be examined.

Cross-listed: REL-2707(3).

Restrictions: Students may not hold credit for this course and REL-2707.

EALC-2708 (3) Religion in Japanese Life (3 hrs Lecture) 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.

Cross-listed: REL-2708(3).

Restrictions: Students may not hold credit for this course and REL-2708.

EALC-2709 (3) Women in Asian Religions and Cultures (3 hrs Lecture) The course examines the experience of women in several Asian cultures (e.g., India, China, Japan), in different 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.

Cross-listed: REL-2709(3).

Restrictions: Students may not hold credit for this course and REL-2709.

EALC-2718 (3) Buddhist Traditions in East Asia (3 hrs Lecture) 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.

Cross-listed: REL-2718(3).

Restrictions: Students may not hold credit for this course and REL-2718.

EALC-2720 (6) Japanese Civilization (3 hrs Lecture) This course familiarizes students with major components of Japanese civilization such as religion, the arts, and politics with a specific focus on their importance in shaping Japanese history and culture. It is taught in Japan as an intensive summer course. Students reside and attend classes on the campus of Doshisha University in the city of Kyoto. The course features field trips and guest lectures.

EALC-2721 (3) Traditional Japanese Culture (3 hrs Lecture) This course surveys traditional Japanese culture through an exploration of visual and dramatic arts, literature, philosophy, and religion. Special emphasis is placed on cross-cultural roots that bridged Japan with its neighboring countries in East Asia. The historical foundations of popular Japanese contemporary culture - Manga, Anime, and high technology to name a few - are also discussed.

Cross-listed: ANTH-2721(3) & REL-2121(3).

Restrictions: Students may not hold credit for this course and ANTH-2121 | REL-2721.

EALC-2723 (3) Japanese Cinema (3 hrs Lecture) This course surveys Japanese cinema from the 1960s to the present day. To understand the context of the films, relevant literature (short stories, novels, and traditional Japanese theater on which the films are based) is discussed. In the process, the focus is on transitions from modern to postmodernism, alterity, and subjectivity in film. Directors examined include, among others, Ozu, Mishima, Kurosawa, Teshigahara, Miyazaki, and Kitano.

EALC-2725 (3) Food in Japanese Culture (3 hrs Lecture) This course explores the culture and history of Japanese cuisine. Designated in 2013 by UNESCO as part of the world's "Intangible Cultural Heritage." Japanese food is no longer restricted to Japan itself, but is now an integral component of global culinary culture. In the class, students follow the evolution of Japanese food from its origins in

prehistoric hunting-gathering and rice cultivation to its globalization in fusion cuisine of the twenty-first century. The course ultimately aims to demonstrate how Japanese food today is not necessarily Japanese in origin, but the product of intra and later intercontinental cultural, political, and religious networks.

Cross-listed: REL-2725(3).

Restrictions: Students may not hold credit for this course and REL-2725.

EALC-2726 (3) The Culture of Gaming in Japan (3 hrs Lecture) Japan's contributions to the world of gaming are long and profound, from Nintendo and Sudoku to even collectible cards. This course applies the Japanese concept of *asobi* or "play" as a backdrop to understand how Japan's culture of gaming continues to remain central to both Japan and global societies. We examine traditional games like *Hyakunin isshu* (a visual and poetic card game) and *Shogi* (a board game much like chess), wordplay in classical texts, and of course the ongoing evolution of video games.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

EALC-2727 (3) The Shogun and Beyond: Culture and Society of Early Modern Japan (3 hrs Lecture) This course offers a multilayered examination of culture and society under the Tokugawa Shogunate (1600-1868). While popular narratives focus on the power and grandeur of the Shogun, the experiences and perspectives of his subjects depict a vastly different story. By analyzing written and visual material from peasants, commoners, and other social strata, we challenge the romanticized notions of the Tokugawa era to work toward a more nuanced understanding of this dynamic period of Japanese civilization.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

EALC-2731 (3) Chinese Culture and Beliefs (3 hrs Lecture) This course focuses on Chinese traditions and values that have influenced modern Chinese society. This course is introductory and requires no prior knowledge of Chinese language and history. All the texts in this course are in English. Students discover ways in which cultural representations in social life, customs, business practice, literature, and art have affected and are being affected by beliefs. Through lecture and guided discussion students better understand how traditions and beliefs continue to inform about Chinese culture today.

Cross-listed: REL-2731(3).

EALC-2733 (3) Religious Traditions of Korea (3 hrs Lecture) 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.

Cross-listed: REL-2733(3).

Restrictions: Students may not hold credit for this course and REL-2733.

EALC-2734 (3) The Making of Modern East Asian Culture (3 hrs Lecture) This course introduces students to East Asian culture in modern times. It surveys the transformation of traditional cultural values as a result of intense political and cultural influence from the West since the late 19th century, and explores the roots of contemporary culture in China, Japan, and Korea. Particular attention is given to the impact of literature (primarily short stories and novels by early 20th-century intellectuals) and Western thought on the East Asian region (e.g., social Darwinism, liberalism, science, and democracy, introduced to East Asia during the late 19th century), and on the way in which traditional values are being critically re-evaluated as China, Japan, and Korea have endeavored to modernize their societies.

Cross-listed: REL-2734(3)

Restrictions: Students may not hold credit for this course and REL-2734.

EALC-2740 (3) The Supernatural in East Asian Culture (3 hrs Lecture) This course introduces students to East Asian culture through depictions of supernatural phenomena. By transgressing the boundaries of life and death, human and animal, real and unreal, supernatural beings shed light on socio-culturally constructed boundaries, such as status and gender. Through the lens of traditional supernatural literature, a framework of social structures in traditional East Asia emerges to show how characters confront and transgress the bounds of normative behaviour. Topics may include gender, purity and contamination, Five Elements Theory, Buddhism, Daoism, Neo-Confucianism, popular religion, cultural taboos, and changing views toward the supernatural in the age of scientific inquiry.

Cross-listed: REL-2740(3).

Restrictions: Students may not hold credit for this course and REL-2740.

EALC-2770 (6) Introduction to Chinese Culture: Past and Present (3 hrs Lecture) This course familiarizes students with major Chinese cultural traditions such as Confucianism, Daoism (Taoism), and Buddhism, examining specifically their roles in shaping Chinese culture in areas such as religion and philosophy, language and literature, art and architecture, economics and business. This course may be taught on campus, or as an intensive Summer course taught in China. When taught in China, students will reside and attend classes on the campus of Shanghai Normal University. It will feature field trips and guest lectures by Shanghai Normal University faculty.

EALC-2772 (3) Modern Chinese Literature in Translation (3 hrs Lecture) This course focuses on Chinese literary texts that reflect the stylistic conventions and cultural issues of China between 1911 and the 21st century. This course is introductory and requires no prior

knowledge of Chinese language, history, or culture. All texts in this course are in English. Students not only examine the forms and contents of the literary texts from various theoretical points of view, but also explore the social, political, and historical contexts in which these texts are written. Through lecture and guided discussion, students discover the ways in which Modern Chinese Literature continues to inform about Chinese culture today.

EALC-2773 (3) Chinese Cinema (3 hrs Lecture) This course focuses on films produced by Chinese filmmakers between the 1930s and the present in appropriate historical and cultural contexts. The course is introductory and requires no prior knowledge of Chinese language, history, culture, or literature. All the films studied in the course have English subtitles. Students in the course generally view one film per week, preceded by preparatory lecture and followed by guided class discussion.

EALC-2774 (3) Big Ideas and Great Debates in Chinese Intellectual History (3 hrs Lecture) This course explores the intellectual history of pre-modern China. By taking a thematic approach to leading intellectual currents within Chinese thought, the course critically examines debated and contested ideas between and among a diversity of schools of Chinese thought, including, but not limited to, Confucianism, Daoism, and Buddhism. The course is based on close reading of primary text materials in translation and students are required to engage in debate during class hours.

Cross-listed: REL-2774(3).

Restrictions: Students may not hold credit for this course and REL-2774.

EALC-2780 (3) The Martial Arts of East Asia (3 hrs Lecture) In this course, students challenge the portrayal of East Asian martial arts as an ancient, mystical practice by examining the history of martial arts. Students explore how military techniques once intended for war, policing, and control of banditry came to be practiced as methods of moral and physical self-cultivation. The course examines the historical origins of martial arts in China, Japan, and Korea, their evolution, and how they both subverted and served state agendas in the modern era. Lastly, it covers the role of martial arts in contemporary popular culture. This class is an online course requiring a high speed internet connection.

Cross-listed: REL-2780.

Restrictions: Students may not hold credit for this course and REL-2780.

EALC-2785 (3) Conceiving Japan and its World (3 hrs Lecture) This course explores Japan's collective identity by surveying the historical, cultural, and religious positioning of Japan in its world. Students examine how maps, both in their literal and figurative kinds, played a role in establishing this collective identity. Such literal maps include those of samurai domains, pilgrimage routes, and radioactive fallout from the Second World War and the 2011 Great Tohoku Earthquake. Figurative ones cover travel diaries of seventeenth century poets and contemporary Japan-centric worldviews from popular literature. Both types underscore historical and cultural shifts from the time

of the Shoguns to the digital age of the twenty-first century.

EALC-3007 (6) Introduction to Classical Chinese (3 hrs Lecture | 1 hrs Lab) 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.

Note: This course is not available to students with prior training in Classical Chinese.

Cross-listed: REL-3007(6).

EALC-3057 (3) Introduction to Classical Japanese (3 hrs Lecture) This course introduces students to Classical Japanese grammar, vocabulary, and orthography. Classical Japanese offers an opportunity for students to engage in the roots of the modern language and to further their studies in literary Japanese. Through grammars and readers, students learn how to read and interpret pre-modern Japanese poetry, diaries, and fiction. This course is suitable for students who have completed three years of modern Japanese or those who are native speakers of Japanese. It is of particular interest for those who are considering graduate level work in pre-modern Japanese culture.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Instructor Permission Required.

Requisite Courses: EALC-3100 or EALC-3007 [prerequisite(s)].

EALC-3100 (6) Advanced Japanese Language (3 hrs Lecture | 1 hrs Lab) In this course, students complete their undergraduate studies in the Japanese language through advanced communicative and written exercises. Special emphasis is placed on social science readings, allowing students to read and comprehend a Japanese language newspaper article by the end of the course. Students are also encouraged to participate in the advanced level of the Manitoba Japanese Speech Contest.

Requisite Courses: EALC-2100 or permission of the instructor [prerequisite(s)]; EALC-3100L (lab) (must be taken concurrently).

EALC-3150 (3) Translating Japanese to English (3 hrs Seminar/Discussion) This course focuses on the practice of translating Japanese to English. Translation theory is introduced for students to familiarize themselves with the various techniques and tools Japanese language translators and interpreters tend to apply in their studies, professions, or travels. The course focuses especially on retaining the voice of the original Japanese source and on producing clean and accurate English translations of the material. Students have a choice of articles or short stories to translate for their final projects. The class is open to students who completed EALC-3100 and to native or fluent

Japanese speakers.

Restrictions: Instructor Permission Required.

Requisite Courses: EALC-3100 or permission of the Instructor [prerequisite(s)].

EALC-3708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) 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.

Cross-listed: EALC-4708(3) & REL-3708(3)/4708(3).

Restrictions: Students may not hold credit for this course and EALC-4708 | REL-3708 | REL-4708.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-3713 (3) Gender and Sexuality in Chinese Culture (3 hrs Lecture) This course focuses on Chinese society, culture and conceptions of identity through the prisms of gender and sexuality. Topics include normative social roles as defined by Confucian values, power and sexual dynamics within polygamous households, the social body vs. the biological body and the diversity of atypical bodies in traditional China. Further we will see how gender inequality was appropriated to reflect China's backwardness vis à vis the West and Japan in the modern period, and how contemporary culture and society has sought to free gender expression from the confines of national discourse.

Cross-listed: EALC-4713(3), REL-3713(3), REL-4713(3).

Restrictions: Students may not hold credit for this course and EALC-4713 | REL-3713 | REL-4713 | EALC-3709.

EALC-3720 (3) Topics in Japanese Culture and Society (3 hrs Seminar/Discussion) This course examines a variety of topics in Japanese Culture and Society. Topics selected change from year to year according to instructor and student interests. Possible topics may include the development of intellectual culture in Tokugawa Japan (1600-1858), the role of women in Japanese culture, Shinto ("the way of the gods") thought and practice, and the search for identity in modern Japan. This course may be taken for credit more than once, with permission of the instructor.

Cross-listed: EALC-4720(3) & REL-3720/4720(3).

Restrictions: Students may not hold credit for this course and REL-3720.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-3721 (3) The Age of the Samurai (3 hrs Seminar/Discussion) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an

aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.

Cross-listed: EALC-4721(3) & REL-3721(3)/4721(3).

Restrictions: Students may not hold credit for this course and EALC-4721 | REL-3721 | REL-4721.

Requisite Courses: REL-2721 or EALC-2721 or permission of the instructor [prerequisite(s)].

EALC-3731 (3) Topics in Chinese Culture and Society (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: EALC-4731(3) and REL-3731(3)/4731(3).

Restrictions: Students may not hold credit for this course and REL-3731.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-3732 (3) Topics in Chinese Intellectual and Cultural History (3 hrs Seminar/Discussion) This course explores a variety of topics in Chinese intellectual history. It examines specific cultural, literary, and intellectual trends in China, paying specific attention to how they were shaped by a variety of social, political, economic, and religious factors. Possible topics may include correlative cosmology in Han Confucianism, individualism in medieval China, Tang-Song intellectual transitions, Buddhist-Confucian interactions in the Middle Period of China, Neo-Confucianism and its social impacts in Late-Imperial China, the rise of Evidential Studies in Qing China, and the May Fourth Movement. This course may be repeated for credit when the topic varies. Additional work is required at the 4000 level.

Cross-listed: EALC-4732(3).

Restrictions: Students may not hold credit for this course and REL-3732.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-3970 (3) Topics in Asian Religions and Cultures (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: EALC-4970(3) and REL-3970(3)/4970(3).

Restrictions: Students may not hold credit for this course and EALC-4970 | REL-3970.

Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, or permission of the instructor [prerequisite(s)].

EALC-3991 (3) Readings in East Asian Language and Culture (3 hrs Directed Reading) This course provides individual study of a specialized subject at an advanced level in Chinese, Japanese, or Korean languages and cultures. Students plan a directed readings list with their instructor and meet on a regular basis to discuss the topics covered therein.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Instructor Permission Required.

EALC-4708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) 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.

Cross-listed: EALC-3708(3) and REL-3708(3)/4708(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and EALC-3708 | REL-3708 | REL-4708.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-4713 (3) Gender and Sexuality in Chinese Culture (3 hrs Lecture) This course focuses on Chinese society, culture and conceptions of identity through the prisms of gender and sexuality. Topics include normative social roles as defined by Confucian values, power and sexual dynamics within polygamous households, the social body vs. the biological body and the diversity of atypical bodies in traditional China. Further we will see how gender inequality was appropriated to reflect China's backwardness vis à vis the West and Japan in the modern period, and how contemporary culture and society has sought to free gender expression from the confines of national discourse.

Cross-listed: EALC-4713(3), REL-3713(3), REL-4713(3).

Restrictions: Students may not hold credit for this course and EALC-3709 | EALC-3713 | EALC-4709 | REL-3713 | REL-4713.

EALC-4720 (3) Topics in Japanese Culture and Society (3 hrs Seminar/Discussion) This course examines a variety of topics in Japanese Culture and Society. Topics selected change from year to year according to instructor and student interests. Possible topics may include the development of intellectual culture in Tokugawa Japan

(1600-1858), the role of women in Japanese culture, Shinto ("the way of the gods") thought and practice, and the search for identity in modern Japan. This course may be taken for credit more than once, with permission of the instructor.

Cross-listed: EALC-3720(3) & REL-3720/4720(3).

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-4721 (3) The Age of the Samurai (3 hrs Seminar/Discussion) "Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.

Cross-listed: EALC-3721(3) and REL-3721(3)/4721(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3721 | REL-3721 | REL-4721.

Requisite Courses: EALC/REL-2721 and permission of the Department Chair [prerequisite(s)].

EALC-4731 (3) Topics in Chinese Culture and Society (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: EALC-3731(3) and REL-3731(3)/4731(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-4731.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent) or permission of the instructor [prerequisite(s)].

EALC-4732 (3) Topics in Chinese Intellectual and Cultural History (3 hrs Seminar/Discussion) This course explores a variety of topics in Chinese intellectual history. It examines specific cultural, literary, and intellectual trends in China, paying specific attention to how they were shaped by a variety of social, political, economic, and religious factors. Possible topics may include correlative cosmology in Han Confucianism, individualism in medieval China, Tang-Song intellectual transitions, Buddhist-Confucian interactions in the Middle Period of China, Neo-Confucianism and its social impacts in Late-Imperial China, the rise of Evidential Studies in Qing China, and the May Fourth Movement. This course may be repeated for credit when the topic varies. Additional work is required at the 4000 level.

Cross-listed: EALC-3732(3).

Restrictions: Department Permission Required. Honours Form Required.

Requisite Courses: 6 credit hours in East Asian Cultures courses (or equivalent), or permission of the instructor [prerequisite(s)].

EALC-4970 (3) Topics in Asian Religions and Cultures (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: EALC-3970(3) and REL-3970(3)/4970(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and EALC-3970 | REL-3970 | REL-4970.

Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, or permission of the instructor [prerequisite(s)].

ECONOMICS

ECON-1102 (3) Introduction to Economics: Micro (3 hrs Lecture) 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.

Note: Students may not hold credit for this course and ECON-1104(3) or ECON-1106(3).

Restrictions: Students may not hold credit for this course and ECON-1104 | ECON-1106.

ECON-1103 (3) Introduction to Economics: Macro (3 hrs Lecture) 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.

Note: Students may not hold credit for this course and ECON-1104(3) or ECON-1106(3).

Restrictions: Students may not hold credit for this course and ECON-1104 | ECON-1106.

ECON-1104 (3) Introduction to Economic Theory (3 hrs Lecture) 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.

Note: This course is not intended for Economics majors.

Restrictions: Students may not hold credit for this course and ECON-1102 | ECON-1103 | ECON-1106.

ECON-1106 (3) Introduction to Economic Development (3 hrs Lecture) 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.

Note: This course is not intended for Economics majors.

Restrictions: Students may not hold credit for this course and ECON-1102 | ECON-1103 | ECON-1104.

ECON-1201 (3) Quantitative Methods for Economics and Business (3 hrs Lecture | 1 hrs Lab) This course presents a number of models from economics and finance using elementary quantitative techniques. It is designed to be a methods course that allows students from a variety of backgrounds to work with economic and finance models. The course also provides an overview of the quantitative background required for selected second and third year courses in Economics. It may be taken as a co-requisite for ECON-1102(3) and ECON-1103(3) for students interested in a mathematical review.

Note: This course is not recommended for students

pursuing a BA (Hons) degree in Economics. Restriction: May not be taken for credit if students have completed a 2000-level course in Mathematics or ECON-2201(3).

Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S or an equivalent course [prerequisite(s)]; ECON-1201L (lab) (must be taken concurrently).

ECON-2101 (3) Intermediate Economics: Micro (3 hrs Lecture | 1 hrs Lab) 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.

Requisite Courses: ECON-1102 with a minimum grade of C, or ECON-1104 or ECON-1106 with a minimum grade of B [prerequisite(s)]; ECON-2101L (lab) (must be taken concurrently).

ECON-2102 (3) Intermediate Economics: Macro (3 hrs Lecture | 1 hrs Lab) 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.

Requisite Courses: ECON-1103 with a minimum grade of C, or ECON-1104 or ECON-1106 with a minimum grade of B [prerequisite(s)]; ECON-2102L (lab) (must be taken concurrently).

ECON-2201 (3) Mathematics for Economics and Finance (3 hrs Lecture | 1 hrs Lab) This course introduces and applies basic mathematical tools used in the analysis of economic and financial problems. It is designed as a technical bridge between intermediate and honours level theory courses. Topics such as derivatives, comparative statistics, economic models, and mathematical concepts used in finance will be presented within the context of economic and financial analysis.

Requisite Courses: MATH-1102 or MATH-1103 or ECON-1201, and a minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)]; ECON-2201L (lab) (must be taken concurrently).

ECON-2203 (3) Game Theory and Strategy (3 hrs Lecture) This is an introductory course in game theory. Game theory is a modern area of study that examines decisions and outcomes in strategic settings. It provides an analytical tool that is used for analyzing conflict and cooperation that arise in various social settings involving interactions between individuals and/or organizations. The focus of the course is on non-cooperative game theory, although some concepts from cooperative game theory may be covered as well. Ideas such as Nash equilibrium, dominance, backward induction, evolutionary stability, commitment, credibility, asymmetric information and uncertainty are discussed and applied to examples drawn from economics, business, politics and elsewhere.

Requisite Courses: Precalculus Mathematics 40S or Applied Mathematics 40S or ECON-1201; OR permission of

the Instructor [prerequisite(s)].

ECON-2204 (3) Intro Data Analysis for Econ and Finance (3 hrs Lecture | 1 hrs Lab) This course serves as an introduction to data analysis and empirical models used in Economics and Finance. Topics covered include how to obtain data used in Economics and Finance, prepare data for analysis, explore data analysis and carry out an empirical project. Students learn techniques for version control and replication, and how to organize, interpret and report empirical results in Economics and Finance. Issues such as economic determinants of environmental and health outcomes, returns to education, risk management and investment decisions are addressed.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: ECON-1102 ECON-1103 and STAT-1401 or STAT-1301 [prerequisite(s)]; ECON-2204L (must be taken concurrently).

ECON-2301 (3) Financial Markets and Financial Systems (3 hrs Lecture) 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.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or in ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2302 (3) Money and Banking (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and ECON-2310.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or in ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2303 (3) Labour Economics (3 hrs Lecture) 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.

Requisite Courses: A minimum grade of C in ECON-1103 or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2304 (3) Income Distribution and Industrial Relations (3 hrs Lecture) This course studies theoretical models of income distribution. It also examines the structure of capital-labour relations 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.

Requisite Courses: A minimum grade of C in ECON-1102

and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2305 (3) Canadian Economic History (3 hrs Lecture) This course surveys the development of the Canadian economy prior to 1867. Main topics will include early staple exports, agriculture, and industrialization.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2306 (3) Canadian Economic Development (3 hrs Lecture) 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.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2311 (3) Economics of Natural Resource Extraction (3 hrs Lecture) The course examines economic models of resource extraction and harvesting through time. Renewable and non-renewable natural resources such as forestry, fisheries, and fossil fuels are considered. An economic perspective of sustainability is introduced.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103 or in ECON-1104 or in ECON-1106 [prerequisite(s)].

ECON-2315 (3) Indigenous Economic Development (3 hrs Lecture) This course provides an overview of economic development issues as they relate to Indigenous communities in Canada. The course begins with an overview of economic concepts to enable students to think about the economic issues in Indigenous communities. A historical overview and discussion of development strategies of the Federal government in Canada is provided. Students are then exposed to ways that land, labour and capital can stimulate economic development on and off reserves. Issues of natural resource development and urban reserves are discussed. The course concludes with case studies of economic development in Indigenous communities, highlighting the diversity of these initiatives across Canada.

Requisite Courses: ECON-1102 or ECON-1103 or ECON-1106; OR permission of the Instructor [prerequisite(s)].

ECON-2317 (3) Environmental Economics (3 hrs Lecture) 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 pollution taxes, tradable permits (cap and trade), and eco-labels.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2318 (3) Energy Economics (3 hrs Lecture) This

course introduces the student to the issues and policies pertaining to energy markets from an economic perspective. Environmental, technical, social, and financial issues are considered. A case study for the demand for transportation energy is used as a unifying theme throughout the course.

Requisite Courses: A minimum grade of C in ECON-1102 and ECON-1103, or ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2402 (3) Money, Banking and Financial Systems (3 hrs Lecture) This course discusses the role of money, banking, financial markets and financial institutions in a market economy. It covers the pricing of different securities, the efficient market hypothesis, the roles of financial intermediaries, as well as financial crises. This is followed by an analysis of money supply process and the conduct of monetary policy within the framework of the Canadian financial system. The international financial system is also discussed.

Restrictions: Students may not hold credit for this course and ECON-2301 | ECON-2302.

Requisite Courses: A grade of C in ECON-1102 and ECON-1103, or in ECON-1104 or ECON-1106 [prerequisite(s)].

ECON-2403 (3) Labour Economics and Industrial Relations (3 hrs Lecture) This course introduces students to the economic analysis of labour markets. Topics covered may include labour supply, labour demand, the determinants of wages and employment, human capital accumulation, immigration, collective bargaining, and discrimination. The course focuses on the Canadian labour market and may include the analysis of policies such as social assistance and minimum wages.

Restrictions: Students may not hold credit for this course and ECON-2303 or ECON-2304.

Requisite Courses: ECON-1102 and ECON-1103 with a minimum grade of C, or ECON-1104 or ECON-1106 with a minimum grade of B [prerequisite(s)].

ECON-2819 (3) Corporate Finance I (3 hrs Lecture) This course introduces students to the fundamentals of finance and presents theories and tools to be used in addressing corporate finance problems and issues. The course examines the theories and principles of financial management that relate to the practices used by corporations in the procurement, management and disbursement of capital funds. Topics include methods of capital acquisition and valuation of capital and financial assets.

Cross-listed: BUS-2819(3).

Restrictions: Students may not hold credit for this course and BUS-2819.

Requisite Courses: BUS-2002(3) with a minimum grade of C+ or ECON-1102(3) and ECON-1103(3), both with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption) [prerequisite(s)]; AND ONE of STAT-1301(3), STAT-1401(3), or STAT-1501(3) or the former STAT-1201(6) with a minimum grade C+; OR permission of the Instructor [prerequisite(s)].

ECON-2820 (3) Corporate Finance II (3 hrs Lecture) This course builds on the fundamentals introduced in BUS-2819(3)/ECON-2819(3) and discusses theories and tools used for evaluating risks and returns associated with financial assets. There is an intensive study of economic theories and principles of financial management. Topics include Capital Asset Pricing Model (CAPM), market efficiency, the cost of capital, optimal capital structure, and risk management.

Cross-listed: BUS-2820(3).

Restrictions: Students may not hold credit for this course and BUS-2820.

Requisite Courses: BUS-2819(3) or ECON-2819(3), either with a minimum grade of C+; OR permission of the Instructor [prerequisite(s)].

ECON-3104 (3) Modern Microeconomics for Economics and Business (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3105 (3) Behavioural Econ and Behavioural Finance (3 hrs Lecture) This course is an introduction to behavioural economics and behavioural finance. These research areas have developed in response to work undertaken by economists and psychologists examining decision making under different settings. The course begins with a presentation of the standard models of decision making used by economists for choices under certainty and in uncertain settings. It then looks at experimental results based on expected utility theory and alternatives such as prospect theory. Issues that may be discussed include non-standard preferences, cognitive biases, bounded rationality, loss aversion, reference points, endowment effects, and behavioural game theory.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3115 (3) Gender and the Economy (3 hrs Lecture) This course explores the gender dimensions of economic life from both neoclassical and feminist economics perspectives. Topics explored include gendered divisions of labour within the family; gender inequality in the labour market; unpaid domestic labor and work-family balance; the intersection of ability, class, race and sexuality in social reproduction; gender differences in management; and the gender impact of technological change and globalization. Examples are drawn from both developed and developing countries. Particular attention is paid to policy remedies for gender inequality in the economy.

Requisite Courses: ECON-1102 or ECON-1104 or ECON-1106; OR permission of the Instructor [prerequisite(s)].

ECON-3120 (3) Microfinance in Theory and Practice (3 hrs Lecture) This course provides an overview of the economics of microfinance, a development strategy that provides credit, savings and insurance for individuals and families that are unable to access funds from formal financial institutions. Drawing on readings from practitioners and academics, it examines the strengths and limitations of microfinance as an approach to poverty reduction. Students are introduced to a number of sub-disciplines of Economics, including development economics, financial economics, feminist economics, and institutional economics.

Requisite Courses: ECON-1102 and ECON-1103, or ECON-1104 with a minimum grade of C or ECON-1106 with a minimum grade of C [prerequisite(s)].

ECON-3201 (3) Econometrics for Economics and Finance (3 hrs Lecture | 1 hrs Lab) This course is an introduction to the specification and estimation of econometric models as applied to empirical questions in economics and finance. It covers statistical inference in economics and finance, hypothesis testing, regression analysis, and multivariate regression models with emphasis on structural estimation using standard computer packages.

Requisite Courses: ECON-2101, ECON-2102, one of STAT-1301 or STAT-1401 or STAT-1501, and one of STAT-1302 or STAT-2001; OR permission of the Instructor [prerequisite(s)]; ECON-3201L (lab) (must be taken concurrently).

ECON-3301 (3) International Trade: Theory and Policy (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 or permission of the Instructor [prerequisite(s)].

ECON-3302 (3) International Finance: Theory and Policy (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 and ECON-2102; OR permission of the Instructor [prerequisite(s)].

ECON-3303 (3) Economics of Public Expenditures: Theory and Policy (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3304 (3) Economics of Taxation: Theory and Policy (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3305 (3) Development Economics (3 hrs Lecture) This course provides a survey of current economic issues facing less developed countries, and an introduction to the study of development economics. In addressing the major questions of economic development, the course considers both economic theories as well as the existing empirical evidence. Among the issues addressed are poverty, income distribution, human capital formation, population and employment growth, rural-urban migration and rural development. This course also provides students with an opportunity to examine the major debates involving international economic development.

Requisite Courses: ECON-2101 or permission of the Instructor [prerequisite(s)].

ECON-3307 (3) Industrial Organization and Competition Policy (3 hrs Lecture) Industrial Organization is the field in economics that examines models of monopolies and oligopolies with particular emphasis on the strategic issues related to imperfectly competitive markets. In addition, a number of business practices are examined in relation to their contribution to overall welfare in the economy. This course also involves a presentation and analysis of how current industrial organization theory and policy is reflected in Canada's Competition Act.

Restrictions: Students may not hold credit for this course and ECON-3309.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3308 (3) Regulation and Public Enterprises (3 hrs Lecture) This course examines the theory and policy related to the regulation of markets. It examines how regulations might be set to improve the allocation and distribution of resources in the economy. In the course, the effectiveness of a number of regulations is examined. The course also examines the role and operation of public enterprises in the economy as an alternative to regulation. In addition, a brief introduction to the economics of Private Public Partnerships is presented.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3310 (3) Economics of Health Care in Canada (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3311 (3) Government Policy Towards Business (3 hrs Lecture) This is a survey course that examines the way in which major areas of government economic policy can affect business. Policy areas outlined are international trade policy, competition policy, environmental management policies, public enterprises, and economic regulation. The

emphasis is on the economic and social arguments underlying these major areas of government economic policy, but both normative and positive analysis of each particular public policy area are discussed.

Requisite Courses: ECON-1102 and ECON-1103, or ECON-1104 with a minimum grade C, or ECON-1106 with a minimum grade C [prerequisite(s)].

ECON-3315 (3) Urban Economics and Real Estate Markets (3 hrs Lecture) This course uses economic analysis in order to understand the problem of urban growth and decay. Among the issues addressed are the location decisions of firms, the location patterns of households and firms within cities, suburbanization, agglomeration economies and the origin and economic functions of cities. An in-depth analysis of housing and real estate markets is also presented. Relevant Canadian case studies are used to illustrate the issues.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3316 (3) Cost-Benefit Analysis and Project Evaluation (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 or permission of the Instructor [prerequisite(s)].

ECON-3321 (3) History of Economic Thought I (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 and ECON-2102; OR permission of the Instructor [prerequisite(s)].

ECON-3322 (3) History of Economic Thought II (3 hrs Lecture) 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.

Requisite Courses: ECON-2101 and ECON-2102; OR permission of the Instructor [prerequisite(s)].

ECON-3403 (3) Public Economics: Theory and Policy (3 hrs Lecture) This course examines the principles and practice of public economics with a focus on government taxation and spending policies. The implementation of these policies is studied within a Canadian context. Theoretical and practical aspects of how governments obtain and allocate public funds are discussed. The course focuses on how government programs and taxation policies affect individuals' and producers' behaviour and welfare, examines how government policies may be impacted by political concerns and efficiency considerations, and explores the interplay of different levels of government in a federal state like Canada (fiscal federalism).

Restrictions: Students may not hold credit for this course and ECON-3303 | ECON-3304.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3407 (3) Industrial Orga, Regulation, Comp Policy (3 hrs Lecture) This course examines the theory and policy related to the conduct of private firms in the economy. Industrial Organization is the field in economics which examines the strategic interaction between imperfectly competitive firms and how their conduct affects prices, industry outputs, and social welfare. Competition Policy (also called Antitrust Policy) involves legislation designed to restrict anticompetitive behavior of firms. In addition, governments sometimes use regulations to directly affect output and pricing in certain industries. Restriction: Students cannot hold credit for this course ECON-3307 and ECON-3308.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: ECON-2101 [prerequisite(s)].

ECON-3819 (3) Advanced Corporate Finance (3 hrs Lecture) This advanced finance course adds to the technical skill and conceptual understanding of accounting and corporate finance developed in previous courses. It provides an in-depth study of issues and tools that financial managers use in making decisions. Topics include capital budgeting under uncertainty, valuation and financial modelling, leasing, and options.

Cross-listed: BUS-3819(3).

Restrictions: Students may not hold credit for this course and BUS-3819.

Requisite Courses: ECON-2820(3) or BUS-2820(3) with a minimum grade of C+ [prerequisite(s)]; Students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the Instructor [prerequisite(s)].

ECON-4103 (3) Microeconomics (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: A minimum grade of C+ in ECON-2101 and ECON-2201 [prerequisite(s)].

ECON-4104 (3) Macroeconomics (3 hrs Lecture) This course emphasizes macroeconomic concepts concerning the measurement and determination of national income, and the application of macroeconomic policy tools to the Canadian economy.

Restrictions: Honours Form Required.

Requisite Courses: A minimum grade of C+ in ECON-2102 and ECON-2201 [prerequisite(s)].

ECON-4105 (3) Advanced Microeconomics (3 hrs Lecture) This course introduces a number of topics in modern microeconomic theory. Modern microeconomic theory stresses the influence of asymmetric information, uncertainty, and strategic behaviour on the operation and performance of markets. Topics may include choice under

uncertainty, expected utility theory, the insurance decision (including moral hazard and adverse selection), signaling models, and game theory. The course is primarily designed for students wishing to pursue graduate work in Economics or Finance.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: ECON-4103 and permission of the Instructor [prerequisite(s)].

ECON-4106 (3) Advanced Macroeconomics (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: ECON-4104 [prerequisite(s)].

ECON-4201 (3) Econometrics (3 hrs Lecture | 1 hrs Lab) 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.

Restrictions: Honours Form Required.

Requisite Courses: ECON-3201 [prerequisite(s)]; ECON-4201L (lab) (must be taken concurrently).

ECON-4203 (3) Topics in Mathematical Economics (3 hrs Lecture) The course introduces advanced mathematical methods for formulating and analyzing economics theories and problems. Topics such as difference and differential equations, dynamic optimization, and game theory are presented with economics applications.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101, ECON-2102, and ECON-2201 all with a minimum grade of C+ [prerequisite(s)].

ECON-4303 (3) Topics in Applied Econometrics (3 hrs Lecture) This course covers empirical methods used in applied econometrics. The focus is on examining causal inference using observational data. Among the methods introduced are randomized trials, regression analysis, instrumental variables, regression discontinuity designs and differences-in-differences. Examples of research papers using these methods are drawn from numerous areas of economics, including labour, health and development economics. The choice of topics depends on the instructor. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: ECON-3201 and permission of the Instructor [prerequisite(s)].

ECON-4306 (3) Topics in Economic Development (3 hrs Lecture) 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 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.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2102 with a minimum grade of C+ [prerequisite(s)].

ECON-4307 (3) Topics in Macroeconomic Theory and Policy (3 hrs Lecture) This course provides students with an opportunity to build on the macroeconomics background developed in Honours Macroeconomics (ECON-4104 (3)). The course considers macroeconomic problems and techniques for solving them, highlighting the use of dynamic models and their implications for 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.

Restrictions: Honours Form Required.

Requisite Courses: ECON-4104 [prerequisite(s)].

ECON-4310 (3) Topics in International Economics (3 hrs Lecture) This course examines theoretical and applied topics related to international trade or international finance. Topics related to international trade may include a discussion of the benefits of trade, the effects of tariffs and quotas, customs unions and imperfect competition on trade. Topics related to international finance may include an examination of exchange rate policy, the fiscal and monetary effects of trade investment flows, and the development of the international monetary system.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2102; OR permission of the Instructor [prerequisite(s)].

ECON-4311 (3) Topics in the History of Thought:

Keynes (3 hrs Lecture) The economic and philosophical writings of Keynes and the "Cambridge Circus" is examined in the historical and social context of the times.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2102 with a minimum grade of C+ [prerequisite(s)].

ECON-4313 (3) Topics in Industrial Organization and Competition Policy (3 hrs Lecture) This course examines areas of research in modern industrial organization theory and competition policy. Industrial Organization is the field in economics that examines the effectiveness of competition in markets that are less than perfectly competitive. Among the topics addressed are models of imperfect competition, game theory and competition in a spatial framework. Business practices such as resale price maintenance, exclusive dealing, and tied selling are examined in the context of industrial organization theory and policy. In addition, the course examines how current research in industrial organization is

reflected in Canada's Competition Act.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4314 (3) Topics in Public Economics (3 hrs Lecture) The course deals 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 are 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 is examined.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4316 (3) Topics in Regulation and Public Enterprises (3 hrs Lecture) Regulation and public enterprises are two instruments used by governments to govern the allocation of resources in certain markets. Among the regulatory topics addressed are theories of regulation, cost of service regulation, rate of return regulation and price cap regulation. Reference is made to regulations in a number of industries, such as the energy, telecommunications and transportation industry. In addition, the role of Public Enterprises as an alternative approach to the allocation and distribution of resources is discussed.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4317 (3) Topics in Environmental and Natural Resource Economics (3 hrs Lecture) This course presents selected issues in environmental and resource economics at an advanced level. Topics such as the theory of environmental policy, international aspects of environmental problems, monitoring and enforcement of environmental regulations, and efficient versus sustainable utilization of natural resources are examined.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4318 (3) Topics in Labour Economics (3 hrs Lecture) Several new economic approaches have led to important insights into the nature of the labour market. Becker's new household economics provides a provocative interpretation of the family; principal-agent theory offers novel explanations of the organization of labour within the firm; and implicit contract theory challenges conventional views of employer/employee relationships. This course examines in depth one or two selected topics in labour economics.

Restrictions: Honours Form Required.

Requisite Courses: ECON-2101 and ECON-2201 with a minimum grade C+ [prerequisite(s)].

ECON-4411 (3) Advanced Reading Course in Economics (3 hrs Directed Reading) A program of reading, research, and consultation for senior students, to be arranged by the instructor and the student.

Restrictions: Department Permission Required. Instructor Permission Required. Honours Form Required.

ECON-4412 (3) Advanced Reading Course in Economics (3 hrs Directed Reading) A program of reading, research, and consultation for senior students, to be arranged by the instructor and the student.

Restrictions: Department Permission Required. Instructor Permission Required. Honours Form Required.

ECON-4800 (3) Investments (3 hrs Lecture) This course introduces students to the main financial instruments that are used in the investment industry, including a detailed description of financial instruments and how they are traded in financial markets. A brief review of portfolio theory is presented including a discussion of a number of key models of modern finance, including the Capital Asset Pricing Model and the Arbitrage Pricing Theory. The course also includes a detailed examination of the role and operation of fixed-income securities and equities. The course concludes with a discussion of the role and techniques of passive versus active portfolio management.

Note: This course is intended for students in the EFIN program.

Cross-listed: BUS-4800(3).

Restrictions: Students may not hold credit for this course and BUS-4800.

Requisite Courses: BUS-2820(3) or ECON-2820(3) (or the former ECON-2319(6) or BUS-2319(6)) [prerequisite(s)]; and STAT-1302(3) or STAT-2001(3) [prerequisite(s)]; and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3); ALL with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the instructor [prerequisite(s)].

ECON-4801 (3) Options, Futures, and Derivatives (3 hrs Lecture) This course is designed to provide an in-depth analysis of a number of topics in modern finance theory and applications. The main areas that are examined include Futures Markets, Option Markets and Derivatives. These financial instruments play a key role in the management of risk by firms, and have attracted increasing interest from private sector firms and the larger community. The role of these instruments in the financial markets and their effect on the financial system are examined in detail.

Note: This course is intended for students in the EFIN program.

Cross-listed: BUS-4801(3).

Restrictions: Students may not hold credit for this course and BUS-4801.

Requisite Courses: BUS-2820(3) or ECON-2820(3) (or the former ECON-2319(6) or BUS-2319(6)) [prerequisite(s)]; and STAT-1302(3) or STAT-2001(3) [prerequisite(s)]; and ONE of MATH-1101(6) or MATH-1102(3) or MATH-1103(3) or ECON-1201(3); ALL with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the instructor [prerequisite(s)].

ECON-4802 (3) Topics in Finance I (3 hrs Lecture) This

course provides an opportunity to study a particular finance research topic in depth. The course covers primarily theoretical aspects in finance. Possible topics addressed include entrepreneurial finance, fixed income analysis and behavioral finance. This course may be repeated for credit when the topic varies.

Cross-listed: BUS-4802(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and BUS-4802.

Requisite Courses: BUS-2820(3) or ECON-2820(3), and ECON-2201(3) and ECON-3201(3), all with a minimum grade of C+ [prerequisite(s)]; and students must have met their university writing requirement with a minimum grade of C+ (or exemption); OR permission of the instructor [prerequisite(s)].

ECON-4803 (3) Topics in Finance II (3 hrs Lecture) This course provides an opportunity to study a particular finance research topic in depth. The course content covers primarily empirical aspects in finance. Possible topics addressed include financial risk and management, valuation and financial statement analysis, and valuation and financial modeling. This course may be repeated for credit when the topic varies.

Cross-listed: BUS-4803(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and BUS-4803.

Requisite Courses: ECON/BUS-2820 and ECON-2201 and ECON-3201, ALL with a minimum grade C+; OR permission of the Instructor [prerequisite(s)].

EDUCATION

EDUC-1802 (3) Education Today (WEC and CATEP): An Introduction to Teaching (3 hrs Lecture) This course offers a survey for those interested in the Manitoba K-12 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 (WEC) program or the Communitybased Aboriginal Teacher Education (CATEP) program
Restrictions: Students may not hold credit for this course and EDUC-1001 | EDUC-1002 | EDUC-1801.

EDUC-1810 (3) Educational Leadership Within a Service-Learning Framework (3 hrs Lecture)
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. Students should have flexibility in their schedule as they must complete 40 hours of community service at a designated site as part of the course requirements.

EDUC-2232 (3) Introduction to Conflict Resolution in Educational Settings (4 hrs Lecture) 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.
Cross-listed: CRS-2232(3).
Restrictions: Students may not hold credit for this course and CRS-2232.

EDUC-2242 (3) Methods of Conflict Resolution in Educational Settings (4 hrs Lecture) 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.
Cross-listed: CRS-2242(3).
Restrictions: Students may not hold credit for this course and CRS-2242.
Requisite Courses: CRS-2232 or EDUC-2232, and CRS-1200 [prerequisite(s)].

EDUC-2410 (3) The School System: Structure and Dynamics (4 hrs Lecture) This course is an introductory study of the structure, functions, and policies of the public school system at the local and provincial levels. Emphasis is placed on the professional, legal, political, administrative, and organizational aspects of the educational system as they relate to the classroom teacher in Manitoba schools.
Restrictions: Students may not hold credit for this course and EDUC-2411 | EDUC-4404.
Requisite Courses: EDUC-1801 or EDUC-1802 or EDUC-1810 or EDUC-4002 and a minimum of 18 completed credit hours of course work [prerequisite(s)] or permission of an advisor in the Faculty of Education [prerequisite(s)].

EDUC-2411 (3) The School System: Structure and Dynamics for After-Degree Students (4 hrs Lecture)
This course is an introductory study of the structure, functions, and policies of the public school system at the local and provincial levels. Emphasis is placed on the professional, legal, political, administrative, and organizational aspects of the educational system as they relate to the classroom teacher in Manitoba schools. This course is for students registered in the After-Degree program.
Restrictions: Students may not hold credit for this course and EDUC-2410 | EDUC-4404.

EDUC-2511 (3) Learning Theory (3 hrs Lecture) This course is an introduction to psychological principles as they apply to the practice of teaching and learning within educational contexts. This course provides an overview of various learning theories and the implications each has for variables such as classroom interaction, motivation, instruction, assessment, and evaluation.
Restrictions: Students may not hold credit for this course and EDUC-2501.
Requisite Courses: EDUC-2512 or EDUC-2514 (must be taken concurrently); EDUC-1801 or EDUC-1802 or EDUC-1810 and a minimum 18 completed credit hours of course work [prerequisite(s)].

EDUC-2512 (1) Learning Theory Practicum (3.5 hrs Apprenticeship/Internship/Practicum | 3 hrs Lab) This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. Students complete 10 days of practicum over the fall or winter term. This course must be taken concurrently with EDUC-2511(3) and will be closely integrated with that course's assignments.
Restrictions: Students may not hold credit for this course and EDUC-2514.
Requisite Courses: EDUC-2511 (must be taken concurrently); Two EDUC-2512Px (practicums) (must be taken concurrently).

EDUC-2513 (3) Learning Theory (RRC) (4 hrs Lecture)
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.

Note: This course may be taken by Education students in the joint UW/Red River College program only.

EDUC-2514 (1) Learning Theory Practicum (WEC) (3 hrs Apprenticeship/Internship/Practicum) 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. Students in this course will have a practicum experience consisting of one day per week for 10 weeks, plus an eight day block.

Restrictions: Students may not hold credit for this course and EDUC-2512.

Requisite Courses: EDUC-2511 (must be taken concurrently).

EDUC-3400 (3) Educational Settings and the Sociology of Learning (3 hrs Lecture) 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.

EDUC-3510 (3) Inclusive Approaches to Teaching (4 hrs Lecture) This course addresses the relevant theories, delivery systems, assessment, adaptive programming, family and community involvement, and education services for all children and youth, including children with special learning needs and abilities in regular classrooms in community schools. Attention is paid to the mandated provincial curriculum and policies, as well as to professional, legal, ethical, and societal considerations. Students are expected to begin to link a theoretical perspective to a practical understanding of the wide-ranging issues of inclusive education in Manitoba schools.

Restrictions: Students may not hold credit for this course and EDUC-2530 | EDUC-3511 | EDUC-4501.

Requisite Courses: EDUC-2511, with a minimum grade C, and EDUC-2512 or EDUC-2514 [prerequisite(s)]; Including the prerequisite courses, students must have completed a minimum of 48 credits hours of coursework, or permission of an advisor in the Faculty of Education [prerequisite(s)].

EDUC-3511 (3) Inclusive Approaches to Teaching Exceptional Students I for After-Degree Students (4 hrs Lecture) This course addresses the relevant theories, delivery systems, assessment, adaptive programming, family and 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 to professional, legal, ethical and societal considerations. Students are expected to begin to link a theoretical perspective to a practical understanding of the

wide-ranging issues of inclusive education in Manitoba schools. Additional Requirements: Students must be admitted into the After-Degree program.

Restrictions: Students may not hold credit for this course and EDUC-2530 | EDUC-3510 | EDUC-4501.

EDUC-3701 (3) Research on Children's Play and Learning (3 hrs Lecture) This course introduces students to the importance of play-based learning. Research on the development of play informs ways to plan and provide activities and experiences that nurture and develop abilities to explore, discover, experiment, pretend and create. We examine play environments; types of play to determine physical, social, cultural, emotional and academic benefits; and ways of using play to expose the disciplines of literacy, numeracy, science, music and art to support a diverse range of children and abilities. This course includes the role of play in Indigenous cultures through pedagogy and content, to appreciate these perspectives in living the good life.

Restrictions: Students may not hold credit for this course and DEV-3600 if the topic was research on children's play and learning.

EDUC-3702 (3) Early Literacy and Early Numeracy Fundamentals (3 hrs Lecture) Evidence-based theory and research is considered to understand the early development processes through which children learn to understand language, letters, and numbers, to support literacy and numeracy skills. Topics focus on literacy and numeracy abilities (mostly in English) and the links between these skills and other cognitive domains. Home and educational activities, programs and environments that foster early learning opportunities are reviewed. Content also focuses on supporting children who show difficulties in acquiring these basic skill areas. Indigenous content and pedagogy are included to support language learning revitalization in local communities.

Restrictions: Students may not hold credit for this course and DEV-3600 if the topic was research on children's play and learning.

EDUC-3810 (6) Teaching/Learning and the K-8 Curriculum (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and EDUC-3801 | EDUC-3803.

Requisite Courses: EDUC-2511 with a minimum grade of C, and EDUC-2512 or EDUC-2514 [prerequisite(s)]; EDUC-3811 or EDUC-3814 (must be taken concurrently); a minimum of 48 credit hours of course work; and Elementary students must have completed 6 credit hours in Mathematics to satisfy the Distribution Requirement [prerequisite(s)].

EDUC-3811 (2) Teaching/Learning and the K-8**Curriculum Practicum (2 hrs**

Apprenticeship/Internship/Practicum | 3 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and EDUC-3814.

Requisite Courses: EDUC-2511 and EDUC-2512 or EDUC-2514 [prerequisite(s)]; EDUC-3811P1, EDUC-3811P2, EDUC-3811P3 and EDUC-3811P4 (must be taken concurrently); minimum of 48 credit hours of course work [prerequisite(s)]; and Elementary students must have completed 6 credit hours in Mathematics to satisfy the Distribution Requirement [prerequisite(s)]; EDUC-3810 (must be taken concurrently).

EDUC-3814 (2) Teaching/Learning and the K-8**Curriculum Practicum (WEC) (3 hrs Lecture)**

This course offers practical teaching experience in the schools under the guidance and supervision of practicum host teachers. Students complete 20 days of practicum over two terms (fall and winter) and an eight day block over two terms (fall and winter). This course must be taken concurrently with EDUC-3810(6) and will be closely integrated with that course's assignments.

Restrictions: Students may not hold credit for this course and EDUC-3811.

Requisite Courses: EDUC-2511 and EDUC-2514 [prerequisite(s)]; EDUC-3810 (must be taken concurrently).

EDUC-4000 (3) Special Topics in Education (4 hrs

Lecture) 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.

Note: Prerequisites for this course will be determined on an individual course basis.

Restrictions: Students may not hold credit for this course and EDUC-5001.

EDUC-4001 (3) Independent Study (3 hrs Directed

Reading) 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.

Note: Written permission of the instructor and the Chair of the Departmental Review Committee is required.

Restrictions: Instructor Permission Required. Department Permission Required.

EDUC-4002 (6) Foundations of Teaching and Learning

(4 hrs Lecture) This course will consist of philosophical, psychological and pedagogical foundations in Education. The course will introduce psychological principles as they relate to the practice of teaching and learning within the educational context. Students will examine the philosophy and goals of education in Manitoba and in other cultures and will be encouraged to develop their philosophical and

pedagogical perspectives by examining current theory and practice. Teaching and learning will be 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, assessment).

Note: This course may be taken by students in the After Degree Program only.

EDUC-4003 (3) Pedagogy and Professional Practice (4

hrs Lecture) This course introduces Elementary (K to 8) After-Degree students to the theory which underlies the teaching and learning process. Students examine age-appropriate teaching and learning strategies, methods of differentiated instruction, positive classroom-learning environments, and the fundamentals of instructional design and assessment in lesson and unit planning. Teaching and learning is further examined within the context of Manitoba and Canadian educational issues and philosophies of education.

EDUC-4102 (3) Introduction to Teaching English as an

Additional Language (4 hrs Lecture) This course provides an introduction to the field of Teaching English as an Additional Language (TEAL). It examines the scope of TEAL; communicative competence; theories of English language teaching in relation to their linguistic, pedagogical, and socio-cultural presuppositions; and EAL instructional techniques.

Restrictions: Students may not hold credit for this course and EDUC-3201.

Requisite Courses: EDUC-2513 or EDUC-3810 [prerequisite(s)].

EDUC-4106 (3) Additional Language and Immersion

Learning (3 hrs Lecture) Canadian children are often exposed to one or more languages at home or in their early childhood educational programming- as newcomers or those students exposed to various multilingual backgrounds. This course considers relevant research, theory and best practice pedagogy on working with children in additional language learning settings. The course considers topics and pedagogies related to Indigenous language revitalization as well as strategies to support diverse linguistic environments and home language learning.

Restrictions: Students may not hold credit for this course and DEV-3600 if the topic was additional language immersion learning.

EDUC-4400 (3) Critical Pedagogy and Student

Diversity (4 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and EDUC-3401.

Requisite Courses: EDUC-2513 or EDUC-3810 [prerequisite(s)].

EDUC-4401 (3) Just and Effective Schooling (4 hrs Lecture) In this course students study conceptions of 'just' and 'effective' schooling, and the ways these priorities might be practically addressed. Through studying and mapping diverse ideological perspectives that prioritize 'just' and 'effective' schooling, students are provided with concepts to analyze educational contexts and programs committed to social equity. Engaging an inquiry-based approach, students make personal meaning in relation to these educational priorities to inform their teaching practice. In this course, schooling is understood as an ethical educational enterprise that is entangled with inequalities related to race, ethnicity, language, economics, gender, ability, knowledge systems and settler-colonial relations.

Restrictions: Students may not hold credit for this course and EDUC-3402.

Requisite Courses: EDUC-2513, EDUC-3810, or EDUC-4002 [prerequisite(s)].

EDUC-4403 (3) Naming and Engaging Difference in Educational Settings (4 hrs Lecture) This course explores transcultural experiences in Canadian educational settings and the negotiation of power and hegemony in classrooms. Topics include current issues relating to the intersectionality of identities including gender, racialization, class, ethnicity, ability, religion, sexual orientation, settler-colonialism, and other aspects of identity. These issues are studied in the context of the classroom experiences and prominent Canadian narratives and policy related to multiculturalism. The course assumes respecting and sustaining cultural differences and attending to issues of power is integral to promoting equity in educational settings. Teaching strategies and pedagogy responsive to power and identity imbalances are integrated throughout course activities.

Restrictions: Students may not hold credit for this course and EDUC-2402.

EDUC-4405 (3) Contemporary Issues in Inner-City Education (4 hrs Lecture) This course examines the inner city, its issues and its characteristics, with a balanced and contextualized approach, including the issue of equality versus equity. The role of education and educators in regards to meeting the specific needs and challenges of learners in the inner-city context are studied, particularly in respect to constructive community building and helpful approaches that create positive results.

Restrictions: Students may not hold credit for this course and UIC-2515.

EDUC-4407 (3) Enrichment and Talent Development (4 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and EDUC-3502.

Requisite Courses: EDUC-2513 or EDUC-3810 or EDUC-4002 [prerequisite(s)].

EDUC-4408 (3) Issues with At-Risk Children and Youth (4 hrs Lecture) 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 children and youth at risk, identifying and nurturing 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.

Restrictions: Students may not hold credit for this course and EDUC-3503.

Requisite Courses: EDUC-2513 or EDUC-3810 [prerequisite(s)].

EDUC-4409 (3) Mentoring At-Risk Youth (4 hrs Lecture) 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.

EDUC-4410 (3) Introduction to Indigenous Education (4 hrs Lecture) This course explores First Nations, Métis, and Inuit perspectives of Indigenous education and pedagogies supporting meaningful inclusion of Indigenous cultures, languages, and worldviews in contemporary education. Students develop and demonstrate their ability to contribute to Indigenous education and reconciliation within a Manitoba context. Topics may vary but include traditional philosophies, education, and life skills; colonization and decolonization in education; Treaties in Canada; federal and provincial policies concerning Indigenous education; stereotypes and racism; Residential Schools; Indigenous resilience and self-determination; pathways to reconciliation; Indigenous education in Manitoba curricula; and creating effective learning environments that support Indigenous cultures, identities, languages, and student success.

Requisite Courses: EDUC-2513, EDUC-3810 or EDUC-4002 [prerequisite(s)].

EDUC-4412 (3) Teaching and Supporting Youth From Immigrant and Refugee Backgrounds (4 hrs Lecture) This course is designed to provide teachers with an

awareness and understanding of issues concerning children and youth from refugee and immigrant backgrounds. The global concern for peace education, conflict resolution, and basic human entitlements are addressed. Teachers who work in multi-ethnic cities must learn how to meet the unique needs of newcomer students and their families. Students examine the state of the world's children and learn how to effectively address the psychosocial and emotional needs of these children in today's classrooms. Students also learn how to foster resilience by developing the talents, skills, and gifts of children who have refugee and immigrant backgrounds.

EDUC-4413 (3) Human Rights, Equity and Anti-Oppression In Educational Settings (3 hrs Lecture) Students learn about the Convention on the Rights of the Child, the Canadian Charter of Rights and Freedoms, and the United Nations Declaration on the Rights of Indigenous Peoples. Human rights legislation is connected to ways in which racial bias and other forms of discrimination occur in early childhood settings. Oppression, bias, privilege, power, and microaggression in the field of early childhood including those experienced by educators are identified. Approaches to early years learning that amplify children's voice and agentic capabilities are explored, considering Western perspectives and Indigenous ways of knowing.
Restrictions: Students may not hold credit for this course and DEV-3600 if the topic was research on children's play and learning.

EDUC-4502 (3) Critical Analysis of Mental Health Practices in Schools (4 hrs Lecture) In this course, student teachers develop ways to support student well-being in schools and engage knowledgeably with mental health curriculum and mental health awareness campaigns promoted in Manitoba schools. This course exposes student teachers to the conventional psychiatry-based mental health approach as well as the inter-disciplinary scholarly critique of conventional mental health premises and practices. This course provides students with tools for a practical analysis of mental health curriculum, as well as the opportunity to consider a range of approaches to student distress and well-being that emphasize ethics, compassion, social justice, and community building.
Note: It is expected that students have prior experience in another course with writing an academic paper using APA style.
Restrictions: Students may not hold credit for this course and the special topics course EDUC-4000 Mental Health Premises and Practices.

EDUC-4600 (3) Critical Literacy for Empowerment (4 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and EDUC-3602.

Requisite Courses: EDUC-3810 or EDUC-2513 [prerequisite(s)].

EDUC-4603 (3) Teaching for Sustainability (4 hrs Lecture) Teaching for Sustainability explores the various definitions of sustainability used in educational settings. It examines models that provide frameworks for and a series of approaches that together create a sustainability-focused classroom.

EDUC-4604 (3) Classroom-Based Assessment (4 hrs Lecture) This course provides senior stream students with an overview of the current assessment techniques used in senior- and middle-years educational settings today. Students learn about the principles of fair assessment, ethical protocol in conducting classroom-based assessments and assessment of inquiry, types of assessment materials available, research properties of assessment, and relative advantages and disadvantages of various assessment techniques. This course emphasizes the theory and research available for conducting fair assessments and reporting information that is useful for enhancing students' educational experiences.

EDUC-4701 (3) Classroom Management (4 hrs Lecture) This course introduces students to the theory and practice relative to creating and managing an effective learning environment. Students examine relevant developments in classroom management, conflict resolution, and community building in the classroom. This course focuses on factors that influence student and teacher behaviors and those that can produce an optimal learning environment for all. Additionally, this course examines teacher identity and presence and the impact of these on learning and behaviors in the classroom.

EDUC-4710 (3) Elementary (K-8) Curriculum, Instruction & Assessment: English Language Arts 1 (4 hrs Lecture) The purpose of this course is to introduce pre-service teachers to the current trends, issues, materials, and methods in developing an effective early-years balanced literacy program, spanning Kindergarten to Grade 4, as supported by research. It provides them with foundational knowledge, theory, experience, and continuous assessment practices of students' learning in early-years literacy instruction.

EDUC-4711 (3) Elementary (K-8) Curriculum, Instruction & Assessment: English Language Arts 2 (4 hrs Lecture) This course introduces pre-service teachers to the theoretical foundations, instructional approaches, and assessment techniques relevant to the teaching of the English Language Arts at the middle-year level within the context of the Manitoba Education Curriculum Framework. The nature and development of the middle-years learner is emphasized, especially in its implications for learning and for planning for instruction.

The course explores the six language arts, the basic content knowledge required to teach the middle-years program, meaningful pedagogy and instructional design, and text types, including extended texts.

EDUC-4712 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Mathematics

Foundational (4 hrs Lecture) This course introduces students to the instructional, assessment, and differentiation approaches relevant to the teaching of Mathematics within the context of the Manitoba Education Curriculum Framework for Kindergarten to Grade 8 Mathematics.

EDUC-4713 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Mathematics -

Advanced (4 hrs Lecture) This course builds on the K-8 instructional, assessment, and differentiation approaches introduced in the Elementary Mathematics - Foundational course. Particular attention is given to designing and implementing mathematical learning environments that foster various mathematical processes and goals highlighted in the Manitoba Education Curriculum Framework for the elementary grades.

Requisite Courses: EDUC-4712 [prerequisite(s)].

EDUC-4714 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Science - Foundational

(4 hrs Lecture) This course introduces students to the topics, concepts, issues, instructional approaches, and assessment techniques relevant and essential to teaching science at the Kindergarten to Grade 8 levels within the context of the Manitoba Education Science curricula.

EDUC-4715 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Science - Advanced

(4 hrs Lecture) This course builds on the instructional, assessment, and differentiation approaches and techniques introduced in the Elementary Science - Foundational course, fostering of the development of advanced skills in elementary-years science within the context of the Manitoba Curriculum for Kindergarten to Grade 8 Science.

Requisite Courses: EDUC-4714 [prerequisite(s)].

EDUC-4716 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Social Studies -

Foundational (4 hrs Lecture) This course introduces students to the instructional, assessment, and differentiation approaches relevant to the teaching of Social Studies within the context of the Manitoba Education Curriculum Framework documents for Kindergarten to Grade 8 Social Studies. Students engage in planning that integrates the teaching and learning processes and the social context within which teaching and learning occurs.

EDUC-4717 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Social Studies -

Advanced (4 hrs Lecture) This course builds on the instructional, assessment, and differentiation approaches introduced in the Elementary Social Studies - Foundational course. Students inquire into curriculum and design curriculum experiences within the context of the Manitoba

Education Curriculum Framework documents for Kindergarten to Grade 8 Social Studies. Students engage in planning that integrates the teaching and learning process and the social context within which teaching and learning occurs.

Requisite Courses: EDUC-4716 [prerequisite(s)].

EDUC-4718 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Integrating the

Expressive Arts (3 hrs Lecture) This course introduces students to the theory and instructional and assessment approaches relevant to the integration of the arts-dance, drama, music, visual arts, video, and creative writing-across the curricula within the context of the Manitoba Education Curriculum Frameworks for Kindergarten to Grade 8.

EDUC-4719 (3) Elementary (K-8) Curriculum, Instruction and Assessment: Physical Education -

Health Education (4 hrs Lecture) In this course, students develop an understanding of the Manitoba Education Kindergarten to Grade 4 and Grades 5 to 8 curricula for Physical Education and Health Education. The course introduces students to the instructional approaches and assessment techniques relevant to the effective delivery of health and physical education at the Kindergarten to Grade 8 levels within the context of the Manitoba Education curriculum. Restrictions (ineligible students): Admission to the certification portion of the Education Program. Additional Requirements: This is a required course only for students in the Elementary stream (Integrated or After-Degree) who have a teaching major or minor in Kinesiology.

EDUC-4722 (3) Elementary K-8 Advanced Curricular Inquiry

(Lecture/Seminar with variable meeting hours) As pre-service teachers, students explore the effectiveness of instructional methods and strategies, reflective decision-making, and engage in collegial activities to support professional growth in elementary teaching. In the course, students engage with the concept of teacher-as-professional inquirer, advanced pedagogical theories and the implementation of these theories in practice. Students intensively investigate one or more curricular topics and critical reflection in connecting theory and practice within professional learning. Course activities culminate in presentation of the products generated from each student's inquiry process.

Restrictions: Student must be in the final certification year.

EDUC-4730 (3) Senior-Years (9-12) Curriculum, Instructions and Assessment: Middle- Years

English Language Arts for Senior-Years Teachers (4 hrs Lecture) This course provides pre-service teachers enrolled in the Senior Years program with an introduction to teaching literacy in the Middle Years (Grades 5 to 8). Students explore creative ways to teach short stories, novels, drama, poetry, non-fiction, and visual texts suitable for middle-years learners. Inquiry circles, self-directed literacy projects, and novel-study groups are a part of this course. Interdisciplinary themes and emerging literacy genres are explored. Assessment for literacy learning and practical applications of Manitoba Education ELA curriculum

documents are analyzed. A focus on teaching both literary and non-fiction upper-level MY works is highlighted.

EDUC-4731 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Middle- Years French for Senior-Years Teachers (4 hrs Lecture) This course is a curriculum-based course for students in the Senior-Years stream. Students develop an in-depth understanding of specific curricular topics in the French: *Communication and Culture Curriculum*. This course focuses on theoretical foundations, instructional approaches, and resources for teaching French in the middle years within the context of the Manitoba Education curriculum framework for French. Emphasis is placed on an oral proficiency, a balanced literacy approach, and critical reflection in connecting theory and practice. Restriction: Students admitted to the certificate portion of the Education Program.

EDUC-4732 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Middle- Years Mathematics for Senior- Years Teachers (4 hrs Lecture) This course introduces Senior-Years students to the curriculum, instructional approaches, and assessment techniques relevant to the teaching of Mathematics at the middle-years level within the context of the Manitoba Education Curriculum Framework for Mathematics.

EDUC-4733 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Middle- Years Physical-Health Education for Senior-Years Teachers (4 hrs Lecture) This course introduces Senior-Years students to the general theories and practices in teaching Physical Education and Health Education at all levels. Specifically, this course familiarizes students with the Manitoba Middle Years (Grades 5 to 8) Physical Education and Health Education Curriculum Framework. Students learn key curricular concepts, methods, and approaches for delivery to middle-years students while developing an understanding of how the Middle-Years Curriculum acts as the foundation for that of the senior years. Key topics, such as effective teaching principles, assessment of fitness, ongoing professional development, hygiene, and puberty are covered. Practical teaching experiences and teacher development are essential to this course.

EDUC-4734 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Middle- Years Science for Senior-Years Teachers (4 hrs Lecture) This course introduces Senior-Years students to the curriculum, instruction, and assessment for teaching Middle- Years Science within the context of the Manitoba Education Grades 5 to 8 Science Curriculum. The course presents a wide variety of teaching strategies and resources that assist middle-years learners in their conceptual development and understanding of science, placing an emphasis on inquiry and the design process.

EDUC-4735 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Middle- Years Social Studies for Senior Years Teachers (4 hrs Lecture) This course engages participants with the Manitoba Social Studies Curriculum documents for the Middle Years and

associated resources. The Curriculum identifies its goals as helping students to acquire the skills, knowledge, and values necessary to understand the world in which they live, to engage in active democratic citizenship, and to contribute to the betterment of society. The course prepares teacher candidates to utilize the curriculum documents for meaningful and effective planning. It inquires into how a reflective teacher makes decisions about what and how to teach in relation to the teaching and learning context and the formal, social, and hidden curricula.

Restrictions: Students may not hold credit for this course and EDUC-4842 | EDUC-4850.

EDUC-4736 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Biology I (4 hrs Lecture) This course introduces students to curriculum, instruction, and assessment for teaching Biology at the Grade 9, 10, and 11 levels. It presents a wide variety of teaching strategies and resources that assist learners in their conceptual development and understanding of biology, placing an emphasis on practical laboratory work and student activities. The course examines the discrete Biology curriculum modules at each of the respective levels: Reproduction, Grade 9; Dynamics of Ecosystems, Grade 10; and Wellness and Homeostasis, Digestion and Nutrition, Transportation and Respiration, Excretion and Waste Management, and Protection and Control, Grade 11.

EDUC-4737 (3) Senior Years (9-12) Curriculum, Instruction and Assessment: Biology II (4 hrs Lecture) This course introduces students to curriculum, instruction, and assessment for teaching Biology at the Grade 12 and Advanced Placement levels. It presents a wide variety of teaching strategies and resources that assist learners in their conceptual development and understanding of biology, placing an emphasis on practical laboratory work and student activities. Curriculum modules for Grade 12 Biology are examined, and curriculum design for AP Biology is addressed. Topics studied include biological inheritance, evolutionary theory, and biodiversity. **Requisite Courses:** Completion of EDUC-4734, EDUC-4736 and EDUC-4869 [prerequisite(s)].

EDUC-4738 (3) Senior-Years (9-12): Curriculum, Instruction and Assessment: Chemistry I (4 hrs Lecture) This course introduces students to the curriculum, instruction, and assessment for teaching Chemistry at the secondary level. It presents a wide variety of teaching strategies and resources that assist learners in their conceptual development and understanding of chemistry and places an emphasis on practical lab work and student activities. It includes an examination of the Chemistry Curriculum modules in Grade 9 Science (Atoms and Elements) and Grade 10 Science (Chemistry in Action) and the Grade 11 Chemistry Curriculum.

EDUC-4739 (3) Senior-Years (9-12) Curriculum Instruction and Assessment: Chemistry II (4 hrs Lecture) This course introduces students to the curriculum, instruction, and assessment for teaching Chemistry at the Grade 12 level. It presents a wide variety of teaching strategies and resources that assist learners in their conceptual development and understanding of chemistry

and places an emphasis on practical lab work and student activities. Curriculum modules for Grade 12 Chemistry and models for AP Chemistry are examined.

Requisite Courses: Completion of EDUC-4734, EDUC-4738 and EDUC-4869 [prerequisite(s)].

EDUC-4740 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Curriculum Design I (4 hrs Lecture) This course focuses on inquiry into teaching and learning in the senior-years curricular areas for which there are no mandated provincial curricula. Emphasis is placed on the process of curriculum design, curriculum theory, and contemporary issues related to content, instruction, and assessment at the senior-years level.

Requisite Courses: Completion of EDUC-4730 or EDUC-4735 [prerequisite(s)].

EDUC-4741 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Curriculum Design II (4 hrs Lecture) This inquiry-based course explores senior-years curriculum with an emphasis on the practical aspects of instructional design and curriculum implementation. Using "the good school" as a guiding theme, students design curriculum frameworks projects individually and collaboratively. There is a focus on interactive classroom teaching and learning for the real world. Students develop practical, personal knowledge by engaging in classroom activities, reading assignments, and project-based learning.

Requisite Courses: Completion of EDUC-4740 [prerequisite(s)].

EDUC-4742 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: English Language Arts I (4 hrs Lecture) With an emphasis on recent adolescent literacy research and critical inquiry into teaching secondary English Language Arts, this course provides students with opportunities to examine critically, interpret, and explore relevant Manitoba curriculum documents and their implications for literacy learning. The course emphasizes teaching literary and non-fiction works (e.g., novels, poetry, short stories, articles, songs, biographies, internet postings, and film,) appropriate for Grades 9 and 10 English Language Arts. Strategies that highlight self-directed and collaborative ways of knowing, as well as assessment approaches, are analyzed.

Requisite Courses: Completion of EDUC-4730 [prerequisite(s)].

EDUC-4743 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: English Language Arts II (4 hrs Lecture) This course introduces students to the instructional approaches and assessment strategies relevant to the teaching of English Language Arts in Grade 11 and 12 within the context of the Manitoba Education Curriculum Frameworks for English. Emphasis is placed on effective ways to teach literature and non-fiction appropriate for the upper levels of senior high and on recent adolescent literary research and critical inquiry. Students explore instructional strategies that include reflective writing, collaborative inquiry, novel-study groups, and interactive media presentations.

Requisite Courses: Completion of EDUC-4742

[prerequisite(s)].

EDUC-4744 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: French I (4 hrs Lecture)

This course is the first of two curriculum-based courses for students in the Senior-Years stream. Students develop an in-depth understanding of specific curricular topics in *French: Communication and Culture*. This course focuses on theoretical foundations, instructional approaches, and resources for teaching French at the senior-years level within the context of the Manitoba Education Curriculum Framework for French. This course emphasizes an oral-proficiency and balanced-literacy approach and critical reflection in connecting theory and practice.

Restrictions: Students may not hold credit for this course and EDUC-4856.

Requisite Courses: Completion of EDUC-4731 [prerequisite(s)].

EDUC-4745 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: French II (4 hrs Lecture)

This course is the second of two curriculum-based courses for students in the Senior-Years stream. It provides students with the opportunity to extend knowledge and skills acquired in SY CIA: French I for the teaching of *French: Communication and Culture*. The focus in this course is on research and innovations in second-language teaching, detailed planning for instruction and assessment, integrating culture, teaching literature, and using technology within the context of the Manitoba Education Curriculum Framework for French at the high-school level.

Requisite Courses: Completion of EDUC-4744 [prerequisite(s)].

EDUC-4746 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Mathematics I (4 hrs Lecture) This course introduces students to the curriculum, instructional approaches, and assessment techniques relevant to the teaching of Mathematics at the senior-years level within the context of the Manitoba Education Curriculum Framework for Mathematics. The focus is on the Grades 9 and 10 Mathematics and the Grades 9 to 12 Essential Mathematics programs for the province of Manitoba.

Requisite Courses: Completion of EDUC-4732 [prerequisite(s)].

EDUC-4747 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Mathematics II (4 hrs Lecture) This course introduces students to the curriculum, instructional approaches, and assessment techniques relevant to the teaching of Mathematics at the senior-years level within the context of the Manitoba Education Curriculum Framework for Mathematics. The focus in CIA Mathematics II is on the Grade 11 and Grade 12 Applied and Pre-Calculus courses for the province of Manitoba.

Requisite Courses: Completion of EDUC-4746 [prerequisite(s)].

EDUC-4748 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Physical Education-Health Education I (4 hrs Lecture) This

course provides students with an introduction to the overall Senior-Years Physical Education and Health Education Curriculum Framework in Manitoba. Students develop an understanding of key curricular concepts, methods, and strategies for delivery to senior-years students. Developing skills and knowledge related to assessment of Physical Education and Health Education teaching resources, movement and motor-skill theory in relation to teaching the discipline, behaviour management, and personal and social management is instrumental to this course.

Research-based findings and the foundations of the curriculum are used as the building blocks for learning.

Requisite Courses: Completion of EDUC-4733 [prerequisite(s)].

EDUC-4749 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Physical

Education-Health Education II (4 hrs Lecture) This course develops students' knowledge and skills related to the teaching of the Senior-Years Physical Education and Health Education Curriculum Framework in Manitoba. Students broaden their understanding of key curricular concepts, methods, and approaches for delivery to Senior-Years students. This course introduces students to the teaching of pivotal health-related concepts, such as sexual education, nutrition, substance abuse, and addiction. In addition, theory and practical application strategies associated with assessment, evaluation, safety, and adaptation for students of all levels are instrumental to this course. Research-based findings and the foundations of the curriculum are used as the building blocks for learning.

Requisite Courses: Completion of EDUC-4748 [prerequisite(s)].

EDUC-4750 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Physics I

(4 hrs Lecture) This course introduces student teachers to the curriculum, instruction, and assessment for teaching Physics at the Grades 9, 10, and 11 levels. The course introduces a wide variety of teaching strategies and resources to assist student teachers in their conceptual development and understanding of physics and places an emphasis on practical laboratory work and student activities. The course examines the Physics Curriculum modules of Electricity and Astronomy in Grade 9, Motion in Grade 10, and the Physics units of Waves, Nature of Light, Mechanics, and Fields in Grade 11.

EDUC-4751 (3) Senior-Years (9-12) Curriculum, Instruction and Assessment: Physics II

(4 hrs Lecture) This course introduces students to the curriculum, instruction, and assessment for teaching Grade 12 and Advanced Placement Physics. The course introduces a wide variety of teaching strategies and resources to assist student teachers in their conceptual development and understanding of physics with an emphasis on practical laboratory work and student activities. Advanced Placement (AP) courses go beyond the curriculum expectations of the secondary program and include topics typically found in first-year university-level courses.

Requisite Courses: EDUC-4734, EDUC-4750 and EDUC-4869 [prerequisite(s)].

EDUC-4752 (3) Senior Years (9-12) Curriculum,

Instruction and Assessment: Social Studies I (4 hrs Lecture) This course introduces students to Geography or History Social Studies curricula at the secondary level. It explores several foundational instructional strategies and examines approaches to planning for instruction and assessment. A critical question underlying these explorations is: What are the purposes of Geography or History education?

Note: This course may be repeated for credit when the topic varies (a maximum of two times).

Requisite Courses: EDUC-4735 [prerequisite(s)].

EDUC-4753 (3) Senior Years (9-12) Curriculum

Instruction and Assessment: Social Studies II (4 hrs Lecture) This course builds on Senior Years (9-12) Curriculum, Instruction, and Assessment: Social Studies I. This course introduces students to several major topics, events, and issues in Geography or History and provides for each the background content knowledge, teaching resource materials, and relevant pedagogical approaches. Furthermore, the course examines common concepts, themes, and concerns in Senior Years Geography and History Social Studies and curricula. This course may be repeated for credit when the topic varies (a maximum of two times).

Requisite Courses: EDUC-4752 [prerequisite(s)].

EDUC-4754 (3) Senior-Years (9-12) Curriculum,

Instruction and Assessment: Theatre Arts I (4 hrs Lecture) This course prepares teacher candidates for drama instruction at the secondary-school level. It focuses on the general approach to teaching a drama program, with an overview of each level and a study of progressions from one level to the next. Practical in nature, the students experience the drama exercises for themselves, centering on how to present the material effectively to their future students. Specific units that could be incorporated into a complete drama program are explored. Experiencing the projects first hand, students present a finished product, with a discussion of evaluation techniques following each presentation.

Requisite Courses: EDUC-4730 [prerequisite(s)].

EDUC-4755 (3) Senior-Years (9-12) Curriculum,

Instruction and Assessment: Theatre II (4 hrs Lecture) This course prepares teacher candidates to direct productions at the secondary-school level. It focuses on the specific skills utilized in productions, as well as the logistics of producing a musical. The course is practical and participatory with an exploration of the various facets of the production process and examines performance as part of the classroom experience.

Requisite Courses: EDUC-4754 [prerequisite(s)].

EDUC-4761 (3) Senior Years (9-12) Advanced

Curricular Inquiry (Lecture/Seminar with variable meeting hours) As pre-service teachers, students explore the effectiveness of instructional methods and strategies, reflective decision-making, and engage in collegial activities to support professional growth in senior years teaching. In the course, students engage with the concept of

teacher-as-professional inquirer, advanced pedagogical theories and the implementation of these theories in practice. Students intensively investigate one or more curricular topics and critical reflection in connecting theory and practice within professional learning. Course activities culminate in presentation of the products generated from each student's inquiry process.

Restrictions: Student must be in the final certification year.

EDUC-4770 (3) Practicum Block I: Elementary (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Grades K-8 settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and includes a four-day, start-of-school experience.

EDUC-4771 (3) Practicum Block II: Elementary (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Grades K-8 settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and, if appropriate, may include a four-day, start-of-school experience.

Requisite Courses: EDUC-4770 [prerequisite(s)].

EDUC-4772 (3) Practicum Block III: Elementary (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Grades K-8 settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and includes a four-day, start-of-school experience.

Requisite Courses: EDUC-4770 and EDUC-4771 [prerequisite(s)].

EDUC-4773 (3) Practicum Block IV: Elementary (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Grades K-8 settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and, if appropriate, may include a four-day, start-of-school experience.

Requisite Courses: EDUC-4772 [prerequisite(s)].

EDUC-4774 (3) Practicum Block I: Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Middle-Years settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and includes a four-day, start-of-school experience.

EDUC-4775 (3) Practicum Block II: Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Middle-Years settings under the guidance and supervision of practicum host teachers and a

Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and, if appropriate, may include a four-day, start-of-school experience.

Requisite Courses: EDUC-4774 [prerequisite(s)].

EDUC-4776 (3) Practicum Block III: Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior-Years settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and includes a four-day, start-of-school experience.

Requisite Courses: EDUC-4775 [prerequisite(s)].

EDUC-4777 (3) Practicum Block IV: Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior-Years settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and, if appropriate, may include a four-day, start-of-school experience.

Requisite Courses: EDUC-4776 [prerequisite(s)].

EDUC-4778 (3) Practicum Block Red River College: Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers teaching experience in Senior-Years settings under the guidance and supervision of practicum host teachers and a Faculty-appointed supervisor. This practicum consists of a five-week block and a one-day-a-week experience for a total of nine days and, if appropriate, may include a four-day, start-of-school experience.

EDUC-4779 (3) Practicum Block Supplementary: Senior Years (3 hrs Apprenticeship/Internship/Practicum) This course offers supplemental teaching experience under the guidance and supervision of practicum host teachers. This practicum is typically taken in conjunction with one or more Curriculum, Instruction and Assessment courses. The student must have standing in this course and in the corresponding Curriculum, Instruction and Assessment courses in order to fulfill degree requirements. Prerequisites: Recommendation of the Performance Review Committee and written permission of the Chair of the Performance Review Committee or Director of Student Teaching.

EDUC-4866 (3) Senior Years (9-12) Curriculum, Instruction, and Assessment: History and Philosophy of Science and Science Teaching (4 hrs Lecture) 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.

Note: Available only to students admitted to the certification portion of the program.

EDUC-4869 (3) Senior Years (9-12) Curriculum, Instruction and Assessment: Theory of Science Teaching (4 hrs Lecture)

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.

Note: Available only to students admitted to the certification portion of the program.

Requisite Courses: EDUC-4734 SY C,I&A Middle Years Science for Senior Years Teachers (must be taken concurrently).

EDUC-4870 (3) Senior Year (9-12) Curriculum, Instruction and Assessment: Literacy Across the Curriculum (4 hrs Lecture)

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.

Note: Available only to students admitted to the certification portion of the program.

Restrictions: Students may not hold credit for this course and EDUC-3102.

EDUC-4890 (3) Senior Years Curriculum, Instruction and Assessment: General Methods (3 hrs Lecture)

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.

Note: Students must be in the 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

(3 hrs Lecture) 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.

Note: Students must be in the Joint UW/RRC Vocational Education Teacher Program and employed full-time as teachers.

Requisite Courses: EDUC-4890 [prerequisite(s)].

EDUC-5001 (3) Special Topics in Education (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and EDUC-4000.

EDUC-5002 (3) Special Topic Areas in Indigenous Knowledges for Teachers (3 hrs Lecture)

This course offers the opportunity for students to explore current issues and timely topics in education related to Indigenous Knowledges. Course content varies from year to year. The topic of each course will be available to students prior to registration.

EDUC-5401 (3) Creative Problem Solving (3 hrs Lecture)

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.

EDUC-5402 (3) Expanding Gifted Education (3 hrs Lecture)

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.

EDUC-5403 (3) Meeting the Needs of Students With FAS/FAE (3 hrs Lecture)

This course considers methods of helping students with Fetal Alcohol Syndrome and Fetal Alcohol Effects function effectively 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 ways that promote educational and social success.

EDUC-5404 (3) Teaching Children and Youth with ADHD (3 hrs Lecture)

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 more effectively support children and youth with ADHD in the classroom, home, and community.

EDUC-5405 (3) Reclaiming Children and Youth (3 hrs Lecture)

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.

EDUC-5406 (3) Achieving Real-Life Skills (3 hrs Lecture) 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.

EDUC-5407 (3) Teaching Struggling Readers (3 hrs Lecture) Some children and youth have great difficulty acquiring language arts skills. Helping these 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.

EDUC-5408 (3) Teaching Students in the Inner-City School (3 hrs Lecture) This course analyzes educational responses to the changes faced by children and youth in Canadian inner-city schools. It examines the historical, cultural, political, and educational issues surrounding academically and socially under-served students within an inner-city setting. Identity, race, culture, gender, and human rights are analyzed in relation to culturally appropriate pedagogy.

EDUC-5410 (3) Understanding and Responding to Learning Disabilities (3 hrs Lecture) Learning Disabilities (LD), often termed invisible or hidden disabilities, can take many different forms and wide range of students to varying degrees. Issues emphasized in this course include definition; affect a types of disability; characteristics; self-concept; diagnosis; assessment; and remedial, compensatory, and classroom strategies.

EDUC-5411 (3) Youth Violence in Schools (3 hrs Lecture) 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.

EDUC-5412 (3) Gifted Education in the Inner-City (3 hrs Lecture) 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.

EDUC-5420 (3) Introduction to School Guidance and Counselling (3 hrs Lecture) This course provides a comprehensive overview of the profession of school counselling. It provides students with an overview and general understanding of (1) historical perspectives and current activities of counsellors, (2) the role and function of counsellors in a variety of settings, (3) techniques utilized by counsellors, (4) multicultural considerations in counselling, (5) organization of counselling programs, and (6) legal and ethical guidelines.

EDUC-5421 (3) Theories and Issues in School Counselling (3 hrs Lecture) This course provides an overview of the fundamental theories of school counselling including: the contexts of effective treatment systems, person-centered therapy, existential and gestalt therapy, emerging counselling approaches, rational emotive behavioural therapy, action-focused therapy, reality and behavioural therapy. Also considered are values, objectives, ethical issues, and the counsellor-student relationship. Throughout, emphasis is placed on practical counselling strategies for early, middle, and senior years levels. Through lectures, readings, class activities, discussions and video clips, students learn about the fundamental components of the major theories, examine differences and similarities amongst the various approaches, and consider practical issues that school counsellors face.

EDUC-5422 (3) Early and Middle Years School Counselling (3 hrs Lecture) This course provides a thorough study of counselling as it relates to the early and middle years' student. Emphasis is placed on the role and function of the school counsellor within the framework of a comprehensive developmental guidance program model. Contemporary issues related to early years and middle years students are explored and strategies for assisting students are examined.

EDUC-5423 (3) Senior Years School Counselling (3 hrs Lecture) This course offers a study of school counselling as it relates to students at the senior years level. Emphasis is placed on the role and function of the school counsellor within the framework of a comprehensive developmental guidance program model. Contemporary issues related to students at the secondary level are explored and techniques for counselling are investigated.

EDUC-5424 (3) Group Guidance and Counselling in School Settings (3 hrs Lecture) This course examines the many facets of group dynamics, including characteristics, formation and dissolution, stages of

change, and the role of the counsellor in facilitating collaboration, cooperation, and group processes. Strategies for facilitating productive and therapeutic guidance groups are investigated and the development of leadership skills in group counselling are conducted under supervision.

EDUC-5425 (3) Counselling Ethics for Canadian School Settings (3 hrs Lecture) This course is designed to provide a comprehensive overview of legal and ethical issues as they relate to the profession of school counselling. The objectives are to provide students with an overview and general understanding of: (1) standards of practice for counsellors; (2) professional responsibilities of counsellors in a variety of settings; (3) ethical counselling relationships; (4) ethical consulting and referral in counselling, and (5) legal and ethical guidelines in school settings. Topics include: informed consent, confidentiality, record-keeping, boundary issues, training and competence, clinical supervision, working with minors and diversity issues.

EDUC-5426 (3) School Counselling Practicum Skills (3 hrs Lecture) The practice skills course provides students with the opportunity to practice counselling skills and techniques in a supervised lab setting. Students analyze case studies and use digital recordings to practice counselling, consulting and coordinating skills. Students are required to conduct 10 individual counselling sessions with a client. Students are expected to demonstrate a progression of skills that allow gradual progress into direct service with students in a school setting (under guidance of a site supervisor).

EDUC-5427 (3) Supervised School Counselling Program (3 hrs Lecture) The practicum in school counselling provides an opportunity for students to synthesize the theoretical information on individual counselling and group counselling from their coursework and apply it in an early, middle, or senior years school setting. The course provides both a laboratory experience and a field experience under the joint supervision of a U of W supervisor and a site supervisor. The school counselling practicum is designed to assist students in learning the function and procedures that accompany the role of a school counselor through observation, shadowing, and reviewing relevant documentation. Students are required to complete a minimum of 100 hours in a supervised school setting. Paid working hours in a school division shall not count towards these practicum hours. Please see website on current application procedures. Field placements are limited and placements will only be arranged by the Faculty of Education Placement Coordinator.

Requisite Courses: EDUC-5426 with a minimum grade B and have a B. Ed. degree with at least two years of appropriate teaching/work experience [prerequisite(s)].

EDUC-5428 (3) Teaching Newcomers in Canada (3 hrs Lecture) This course provides teachers with an awareness of the issues concerning newcomer children and youth. Teachers who work in multi-ethnic cities must learn how to meet the unique needs of newcomer students and how to work effectively in partnership with families

and the community. The course content examines the state of the world's children, global citizenship, and newcomer children's connections to Canadian classrooms. Providing psychosocial and emotional support to children and youth who come from diverse backgrounds is one of the concerns addressed.

EDUC-5429 (3) Education for Peace and Sustainable Development (3 hrs Lecture | 27 hrs Seminar/Discussion) Peace and security are fundamental to human dignity and development. The sustainable development of any culture is always endangered by insecurity and conflict. Human tragedies result in overwhelmed health-care systems; the destruction of homes, schools, and communities; and increased numbers of displaced people and refugees. Education for sustainable development plays a key role in promoting values for peace. Theories and practical examples of global education, peace education, capacity-building education, and social justice are explored, and literature linking peace education and sustainability is examined.

EDUC-5430 (3) Sex and Health Education (3 hrs Lecture | Seminar/Discussion) This course provides a comprehensive overview of the potentially sensitive outcomes of the Physical Education and Health Curriculum and how this pertains to the school counselor. The course provides an overview of the importance of personal and social management, health lifestyle practices, and personal safety for all students. In addition, students learn how mind and body are connected to promote lifelong healthy living.

EDUC-5431 (3) Mental Health Promotion in Schools (3 hrs Lecture) Teachers are often the first people who suspect mental illness in children. They work with children living with mental illness on a day-to-day basis. School-wide mental-health promotion requires an understanding of a whole-school-based response for nurturing mental health and resiliency for students and the school community. Issues related to physical and mental well-being, emotional literacy, and resilience are examined from a developmental perspective (early years, middle years, and senior years). This course promotes mental health, reduces the stigma associated with mental illness, and incorporates prevention and early intervention strategies in child and adolescent mental health.

EDUC-5432 (3) Crisis and Trauma in Learning Environments (3 hrs Lecture) This course introduces students to approaches and assessment techniques relevant to effective crisis and trauma work with early-, middle-, and senior-years students. Topics include strategies for prevention, intervention, and postvention; Western-based trauma discourse and counter-discourse; gender, colonization, and trauma; suicidal crisis; crisis related to body image, fat prejudice, and eating difficulty; anti-violence resistance and community building; "belonging" students; and self-care.

EDUC-5440 (3) Inclusive Education 1 (3 hrs Lecture | Seminar/Discussion) This course presents an overview of educational theories, assessment procedures, delivery systems, and adaptive programming practices designed to

serve students with special needs. Topics to be addressed include foundational definitions, history of inclusive education, neurodevelopmental disorders, etiologies, learning disabilities, attention deficit/hyperactivity disorder, enrichment, individualized programming, and classroom strategies to promote student success. The intent is to make the learning of the principles of inclusion meaningful by relating them to their application.

EDUC-5441 (3) Inclusive Education 2 (3 hrs Lecture)

This course provides a more in-depth look at some of the topics covered in Inclusive Education 1. Specifically, assessment, service delivery, adaptations, and individualized educational and behavioral programming are explored. As well, emphasis is placed on examining practical strategies for meeting the needs of under-served children and youth, establishing mentorship programs, and introducing enrichment activities in the regular classroom. Models, history, current issues, and strategies in providing supports, accommodations, and differentiated curriculum in inclusive environments are explored.

Requisite Courses: EDUC-5440 [prerequisite(s)].

EDUC-5442 (3) Working With Children and Youth With Special Learning Needs and Abilities I (Lecture with variable meeting hours)

This course offers an overview of children and youth with special learning needs and abilities within the school setting. The intent is to focus on the extensive field of inclusive education in Manitoba, to examine programming for students with special needs, and to consider the causes, characteristics, and implications of specific social and learning needs. School issues are examined through multiple lenses. Specifically, this course reviews recent scholarship and research into students with special learning needs, drawn from the fields of psychology, sociology and education. Additionally, the course focuses on constantly changing demographics in the schools.

EDUC-5443 (3) Working With Children and Youth With Special Learning Needs and Abilities II (3 hrs Lecture | Seminar/Discussion)

This course builds on the knowledge from Working with Children and Youth with Special Learning Needs and Abilities 1. It emphasizes an inclusive philosophy with consideration of how to meet the needs of all students. It focuses on teaming, planning, and intervention for more significant special needs, including cognitive, behavioral, and physical and sensory disabilities and disorders. Students concentrate on strategies that apply directly to their own school situations while learning from the varied experiences of their colleagues.

Requisite Courses: EDUC-5442 and EDUC-5001 [prerequisite(s)].

EDUC-5444 (3) Engaging Reluctant Learners (3 hrs Lecture | Seminar/Discussion)

Designed primarily for in-the-trenches teachers of unengaged students, the purpose of this course is to help educators move from inflexible, deficit-based, linear approaches so often used with disenfranchised children and youth toward more adaptive, malleable, strength-based programming. The emphasis throughout is on using the connect-clarify-restore approach for relationship building

as a basis for developing practical alternative programs for troubled and troubling young people. An example of some made-in-Manitoba initiatives (e.g. The Infinity Program, Lost Prizes) shows that one size definitely does not fit all.

Requisite Courses: EDUC-5440 and EDUC-5441 [prerequisite(s)].

EDUC-5445 (3) Educational Assessment (3 hrs Lecture | Seminar/Discussion)

This course reviews current theories and applications of both formative and summative assessment practices for students in the inclusive classroom. Students explore standardized, normed, and criterion-referenced assessments and the interpretation of specific programming for identified students. This course gives students the opportunity to work with strategies and provides direction in working collaboratively with administrators, classroom teachers, students, parents and auxiliary professional personnel.

Requisite Courses: EDUC-5440 and EDUC-5441 [prerequisite(s)].

EDUC-5446 (3) Poverty and Potential (3 hrs Lecture | Seminar/Discussion)

This course introduces students to issues in low-socioeconomics communities. Issues include student transitions, summer learning loss, tiered pedagogy, teacher effect, cultural disconnect, and the impact of family and environmental factors. Frameworks to conceptualize ways that support high-risk students are introduced in addition to practical, effective, and research-based strategies for supporting students. The course uses hands-on and interactive learning methods.

Requisite Courses: EDUC-5440 and EDUC-5441 [prerequisite(s)].

EDUC-5447 (3) Sex, Gender and Diversity (3 hrs Lecture | Seminar/Discussion)

This course covers the spectrum of concerns facing educators in the effort to make their schools, classrooms and counseling services inclusive of sexual and gender minority students and others who are affected by a homophobic school climate: lesbian, gay, bisexual, transgender, Two Spirit, and questioning (LGBTQ) students; students with LGBTQ parents; and others who are targeted or distressed by homophobia. Educators are introduced to a large range of print, web, and video resources from scholarly, professional, and community sources, including research reports, curriculum materials, Gay Straight Alliance materials, and community services.

EDUC-5448 (3) Programming for Aboriginal Students (3 hrs Lecture)

This course examines Aboriginal Education in Manitoba public schools, with a particular focus on incorporating Aboriginal perspectives in curriculum as mandated by the Manitoba Department of Education. This course begins with an examination of historical experiences and contemporary realities of Aboriginal peoples in Canada and builds upon that understanding in the exploration of practical strategies, programs, and a curriculum appropriate for Aboriginal students.

EDUC-5449 (3) Bullying and School Violence (3 hrs Lecture | Seminar/Discussion)

This course is organized around the social-ecological framework that looks at

violence as existing within both a personal and an ecological context. The latter term, introduced by Bronfenbrenner, refers to the interaction of persons and social structures existing at several levels: family and primary social networks and intermediate social ecologies, such as schools and communities, as well as cultural and community contexts.

EDUC-5450 (3) Risk and Resilience (3 hrs Lecture | Seminar/Discussion) This course examines the characteristics and issues facing vulnerable children and youth, particularly those children called "at risk". This course seeks to emphasize strengths that might compensate for weaknesses, health instead of illness, normality instead of pathology, and hopefulness instead of professional cynicism. This population of youth is particularly threatening to untrained adults who are regularly lured in counter-aggressive or avoidant behavior. It is important that adults who work with these youth with unmet needs are able to provide corrective responses.

EDUC-5451 (3) Teachers and the Law (3 hrs Lecture | Seminar/Discussion) Legislation is examined with a special emphasis on inclusion and the provision of education to students with exceptional learning needs: (1) federal law; the constitution Act, Charter of Rights and Freedoms, (2) Manitoba Law; the Public Schools Act, Education Administration Act, Personal Health Information Act, Freedom of Information and Protection of Privacy Act, Child and Family Services Act, Human Rights and (3) Manitoba regulations and standards for appropriate educational programming. Manitoba Education and Advanced Learning, interdepartmental protocols, school division policy, and case law are included to provide participants with a current and comprehensive overview of the legal requirements for teachers.

EDUC-5452 (3) Leadership in Inclusive Education (3 hrs Lecture | Seminar/Discussion) This course presents an overview of the theories and practices regarding the development and maintenance of positive school climate and how positive climate can support the inclusive teaching and learning process. The impact of principal and teacher leadership on the collaborative and creative process within the school is examined. In addition, the concept of creativity, as it applies to inclusive teaching and learning in the K-12 Canadian classroom, is explored with an introductory focus on educators' beliefs and knowledge that foster creativity in the classroom.

EDUC-5511 (3) Pragmatic Approach to Indigenous Education (3 hrs Lecture) The course explores a pragmatic approach to implementing Indigenous content into the classroom in a good way by honoring the voices of Indigenous curriculum and content creators. Addressing the hesitancy created by not knowing which resources and methods to utilize in our classrooms, this course covers the following topics: reconciliation, indigenization, and decolonization. Highlights for educators include lesson and unit plans created in the community, creating relationships with local Indigenous communities, inviting guest speakers into your schools, and strategies to deal with racism and push back found in both schools and

classrooms.

EDUC-5512 (3) Going Beyond Riel: Teaching Métis-Specific Topics in the Classroom (3 hrs Lecture) The course explores a pragmatic approach to implementing Métis content into the classroom in a good way by honoring the voices of Métis-specific curriculum and content creators. Addressing the hesitancy created by not knowing which resources and methods to utilize in our classrooms, this course covers the following topics: culture, history, linguistics and governance. Highlights for educators include lesson & unit plans created in the community, ways to create relationships with local Métis organizations and the Métis nation, inviting guest speakers into your schools, and strategies to deal with Métis-specific push back found in both schools and classrooms.

EDUC-5513 (3) Designing With the Circle of Courage (3 hrs Lecture) Using the Circle of Courage as a teaching model, this course explores the richness of that model through the lens of both Indigenous and non-Indigenous pedagogies, reconciliatory practices, decolonization and the teachings of the people whose land on which our schools operate today. It necessarily incorporates an intentional and sustained exploration of the impacts of colonialism, using tools of decolonization to create space for reimagining business as usual. Students are challenged to safely explore spaces in which singular truths may not exist and unresolved conflict must be tolerated. This course assumes at least a basic understanding of Indigenous Education issues.

EDUC-5514 (3) Indigenous Wellness in School (3 hrs Lecture) This course is grounded in the understanding that at the time of contact Indigenous communities provided individuals with the context and supports necessary for healthy and meaningful lives. Despite colonization and forced assimilation Indigenous peoples continue to demonstrate resiliency and healing, as evidenced by Residential School Survivors' participation in the Truth and Reconciliation Commission of Canada. Historically, Canada has missed opportunities to learn from Indigenous peoples, particularly in the areas of education, sustainability and holistic living. Indigenous views of wellness, well-being, healing and resiliency are, therefore, explored. Particular focus is given to how these might influence professional practice in schools.

EDUC-5515 (3) Indigenous Literatures, Cultures, and Knowledges (3 hrs Lecture) This course examines a range of contemporary Indigenous writing and other texts focused on the experiences of young people as well as adults. We consider the historical, political, cultural, literary, and other contexts that have shaped, and are shaping, Indigenous peoples' movement toward health and independence. Our study of a range of written and other texts, both literary and non-literary, emphasizes Indigenous voices, knowledges, and experiences while attending to key issues in Indigenous Studies today, such as identity, health, self-determination, and de-colonization.

EDUC-5531 (3) Treaty Education for Manitoba School Systems (3 hrs Lecture) Guest speakers with relevant

expertise are invited as much as possible to support students' learning in this course. There is a strong focus on pedagogical practice and programming employed in one local school division. A variety of topics are covered related to Canada's Numbered Treaties and Treaty-making with First Nations people. These include, but are not limited to, historical understandings, ethical considerations, legal and social implications, and teaching practices for those who wish to facilitate a growing understanding among public school students of Canada's Treaty identity and responsibilities.

EDUC-5552 (3) Enriching Indigenous and Canadian History (3 hrs Lecture) This course provides students with opportunities to engage in research as conducted by historians practicing in the field. Students work with experts in the field at historic sites, museums, archives, and in classrooms to learn the techniques of historical methodology through a combination of traditional sources and modern technologies. Students learn how to locate, extract, analyze, and utilize information from various kinds of sources through a range of media. Historians, Indigenous Elders, and university and community educators facilitate development of an enhanced awareness of the importance of Oral History, traditional Indigenous knowledges, and expertise from various perspectives.

EDUC-5571 (3) Foundations of Land-Based Learning (3 hrs Lecture) Drawing upon diverse disciplinary lenses, including education, anthropology, environmental studies, and Indigenous studies, students critically analyze the theoretical underpinnings of land-based education. Students explore key concepts such as place-based learning, experiential education, eco-literacy, and Indigenous ways of knowing. By participating in interactive lectures, discussions, collaborative group activities, presentations, and guest speaker sessions, students acquire fundamental insights into the connections between land, Indigenous knowledge systems, and educational methodologies. Students develop and articulate their own theory and practice of land-based education and consider implications for facilitating land-based learning in their own diverse classroom settings.

EDUC-5572 (3) Land-Based Pedagogy and Indigenous Art Practices (3 hrs Lecture) In this course, students explore the intersection of land-based pedagogy and diverse art practices, providing an opportunity to engage deeply with Indigenous ways of knowing, teaching, and creating. Students are encouraged to embrace a holistic approach to education, one that weaves together traditional ecological knowledge, experiential learning, and artistic expression. Combining theoretical exploration, land-based experiences, and engagement with traditional and contemporary artforms (e.g., beadwork, quillwork, weaving, basketry, and other visual arts), students gain practical insights into the role of art as a medium for preserving cultural heritage, fostering community resilience, and building relational kinship with the land.

ENGLISH

ENGL-1000 (3) English 1A (3 hrs Lecture) This course offers an introduction to university-level literary study, including the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors influencing literary texts; and research skills. Students' writing also receives significant attention. Because each section is different, students should consult the current section descriptions on the English Department website.

Note: Students taking this course plus 3 other credit hours of First-Year (1000-level) English will meet the prerequisite for most Upper-Year English courses. No more than 6 credit hours of First-Year English may count toward a major in English.

Restrictions: Students may not hold credit for this course and ENGL-1001 | ENGL-1111 | ENGL-1201(6).

ENGL-1001 (6) English 1 (3 hrs Lecture) This course offers a full introduction to university-level literary study, including the reading of creative literature (poetry, fiction, or drama); the theory and practice of literary criticism; the role of historical and cultural factors influencing literary texts; and research skills. Students' writing also receives significant attention. Because each section is different, students should consult the current descriptions of individual sections available on the English Department website.

Note: This course satisfies the prerequisite for most Upper-Year English courses. No more than 6 credit hours of First-Year English may count toward a major in English.

Restrictions: Students may not hold credit for this course and ENGL-1000 | ENGL-1003 | ENGL-1111 | ENGL-1201 | ENGL-1202 | ENGL-1203.

ENGL-1003 (3) Introduction to English: Topics in Literature (3 hrs Lecture) This course introduces students to a variety of creative literature (poetry, drama, and/or fiction) through the lens of a particular theme, genre, nationality or period. Each section is a uniquely designed introduction to university-level literary study. Because each section is different, students should consult the current descriptions of individual sections available on the English Department website.

Note: To meet the prerequisite for Upper-Year English, students taking this course should also take ENGL-1000(3). Students may not hold credit for this course and ENGL-1001 | ENGL-1111 | ENGL-1201 | ENGL-1202 | ENGL-1203 | LING-1200

ENGL-1004 (3) Introduction to English: Reading Culture (3 hrs Lecture) This course explores the role that culture, as a set of practices encompassing a range of texts, events, experiences, and social institutions, plays in everyday lives. Students interpret cultural forms and practices such as written texts, film, television, visual and performance art, music, and electronic media - and the institutions that shape them. May be of special interest to students who plan on pursuing further work in Cultural Studies.

Note: To meet the prerequisite for Upper-Year English, students taking this course should also take ENGL-1000(3).

ENGL-1005 (3) Introduction to English: Reading to Write (3 hrs Lecture) This course introduces students to university-level literary study. Students read a variety of creative literature (poetry, drama, fiction, and creative non-fiction) from a writerly perspective, to explore and analyse writers' techniques, and to gain a broader understanding of the art and craft of writing. Topics may include poetic structure, dramatic action, narrative strategies, organizational principles, imagery, setting, characterization, and voice. This course may be of special interest to students who plan to take Creative Writing courses at the 2000 level.

ENGL-2002 (3) The Creative Process (3 hrs Lecture) 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2003 (6) The Field of Children's Literature (3 hrs Lecture) 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 the 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.

Restrictions: Students may not hold credit for this course and the former ENGL-2003(3)

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2004 (6) A History of Children's Literature (3 hrs Lecture) 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 increased 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2102 (3) Introduction to Creative Writing:

Developing a Portfolio (3 hrs Lecture) 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.

Note: This course is recommended for students who plan to enroll in further creative writing courses at the undergraduate level.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2113 (3 or 6) Picture Books for Children (3 hrs

Lecture) This course explores picture 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2114 (3 or 6) Fairy Tales and Culture (3 hrs

Lecture) The course examines fairy tales from their origins in oral narrative to their uses in contemporary culture. Students explore the major themes and characteristics of traditional tales, such as those collected by the Grimms and Afanas'ev. They 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 fantasy literature; narrative revisions of fairy tales; Disney's animation of fairy tales; or contemporary narrative films using fairy-tale motifs.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2142 (6) Field of Literary and Textual Studies (3

hrs Seminar/Discussion) This course offers an in-depth introduction to, and practice in the skills of, literary and textual studies. Students explore the histories of literary and textual studies, including literary criticism and critical theories. They practice the skills of close reading and textual analysis, reading through the lenses of critical theories, researching, assembling bibliographies, and analyzing literary and cultural scholarship. Formats include oral presentation, seminar discussion, and formal, written, textual analysis.

Note: Written permission of the Honours Chair or designate

is required. This course is compulsory for students entering the Honours program, open to students in the 4-year BA, and best taken soon after first-year English.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the Honours Chair or designate [prerequisite(s)].

ENGL-2145 (6) Field of Cultural Studies (3 hrs Lecture)

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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2146 (6) Screen Studies (3 hrs Lecture) This

course offers an in-depth introduction to screen studies, a field that encompasses not simply cinema and television, but also considers other forms of moving image production and distribution: from artists' video and the expanded screens of the art gallery to apps, videogames and other contemporary online audio-visual formats. The course draws on concepts from cultural studies, film theory, television studies, media archaeology, and technology studies in order to examine the aesthetic, social, cultural, industrial, and political dimensions of the screen image.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2180 (6) Popular Literature and Film (3 hrs

Lecture) This course focuses on popular cultural forms and genres, and also the very idea of "the popular" itself, in literature, film, and other media (tv, web). Depending on the year, the course may introduce students to types of popular literature and film from different historical periods and locations, or it may focus on one particular area, nation, theme, or genre (romance; horror; detection; fantasy; the western). Students explore central terminologies, concepts, and theories in the study of popular literature and film and develop their understandings of cultural studies and film studies in relation to literary studies.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2185 (3) Literary Communities (3 hrs Lecture)

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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2202 (3) Literature of the Sixteenth Century (3 hrs Lecture) 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.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2203 (3) Literature of the Seventeenth Century (3 hrs Lecture) This course is a study of representative writers (to 1660), with emphasis upon the major poets, dramatists, and prose writers of the period.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2220 (3) English Literatures and Cultures 700-1660 (3 hrs Lecture) This course addresses the history of literature of England from the 8th century until the Restoration in 1660. The course may comprise an overall survey and/or an exploration of significant literary and cultural moments, movements or topics across this time frame. Reading in the poetry, drama, and prose of the Old and Middle English, Tudor, Elizabethan, and Jacobean periods may be combined with selected theoretical and critical texts from each literary period, to demonstrate changing views about the production, reception, and role of literature in society.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2221 (3) Medieval Literature: Chaucer and His Contemporaries (3 hrs Lecture) The later Middle Ages, the age of Chaucer, was a period of devastating calamities and highest creative achievements. In this course, students explore both, reflecting on the ways medieval life, with all its contrasts and exuberance, was imaginatively captured - and transformed - in romances, *fabliaux*, fables, lyrics, and mystery plays. The focus is on Chaucer's *Canterbury Tales* and other texts, such as *Sir Gawain and the Green Knight* and *The Second Shepherd's Play*. Typically students read these texts against the background of medieval notions about literature, art, music, folklore, religion, and science.
Restrictions: Students may not hold credit for this course and ENGL-2301 | ENGL-4242 | ENGL-4302.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2230 (3) British Literatures and Cultures 1660-1901 (3 hrs Lecture) This course addresses the history of British literature from 1660 through the Restoration, Eighteenth-Century, Romantic, and Victorian periods to the beginning of the 20th century. The course may comprise an overall survey and/or exploration of significant literary and cultural moments, movements or topics across the time frame. While British literature is the focus, there may also be consideration of transnational and transcultural issues such as trans-Atlantic literatures. Readings in poetry, drama, fiction, and other prose from each literary period demonstrate changing views about the

production, reception, and role of literature in society.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2311 (6) Shakespeare (3 hrs Lecture | 3 hrs Lab) This course offers students an in-depth introduction to the works of Shakespeare through the critical examination of a representative selection of his plays and/or poems.
Restrictions: Students may not hold credit for this course and ENGL-2231.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2311L (lab may not be offered every term) (must be taken concurrently).

ENGL-2401 (6) Tragedy and Comedy in Drama (3 hrs Lecture) 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.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2601 (6) The Novel (3 hrs Lecture) 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 website.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2603 (3) Short Fiction (3 hrs Lecture) 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.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2604 (3) Poetry and Poetic Form (3 hrs Lecture) This course introduces students to various features and forms of poetic discourse. While historical context informs lectures and class discussion, the course focuses on the figural elements of poetry (such as rhythm and rhyme, diction and tone, metaphor and allegory). By engaging in thorough discussions and varied writing assignments, students learn to become more appreciative, critical readers of poetry, and in the process expand the possibilities of their own writing.
Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2612 (3) Science Fiction (3 hrs Lecture) 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2613 (3) Fantasy Fiction (3 hrs Lecture) This course analyzes literary works within the fantasy genre in light of contemporary psychoanalytic, feminist, and/or other cultural theories. While the course considers the history of the genre and the "fantastic" as a literary mode, the course concentrates on contemporary fantasy fiction from J.R.R. Tolkien to the present. Particular emphasis is placed on the poetics and politics of "world-building" in fantasy texts, a term that refers to the production of a vast and complex imaginary world whose historical, geographical, ontological, and cultural realities substantially differ from the world(s) inhabited by fantasy's various readerships.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2703 (3) Play Analysis (3 hrs Lecture) This is a practical course for actors, directors, and designers in the analysis of plays in rehearsal and pre-rehearsal situations. A variety of interpretive strategies are developed in approaching the problems of form, character, and theme in plays of different styles and periods. The emphasis is on Stanislavsky-derived techniques.

Note: This course is strongly recommended for all theatre students in the Honours or the General program.

Cross-listed: THFM-2703(3).

Restrictions: Students may not hold credit for this course and THFM-2703.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 or 6 credit hours in first-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2710 (3) Literature in Translation (3 hrs Lecture) This course focuses on modern non-English literary texts in English translation. Readings may be organized around a genre such as the novel; a critical approach such as post-colonialism or cultural studies; a period such as Romanticism; or specific literary traditions in languages such as French, German, Spanish and Italian. Students should consult the Department of Modern Languages and Literatures for a description of the current offering. This course may be repeated for credit when the topic varies.

Restrictions: Students may not hold credit for this course and MOD-2710.

Requisite Courses: SPAN-2180(3) or FREN-2180(3) or GERM-2209(3) or 6 credit hours of First-Year English including ENGL-1001(6) or ENGL-1003(3) [prerequisite(s)].

ENGL-2722 (3 or 6) Postcolonial Literatures and Cultures (3 hrs Lecture) This course introduces students to postcolonial literatures and cultures. "Postcolonialism" is a critical term used to describe the various social, linguistic, cultural, economic, and political relationships that have existed between imperial powers and the areas they colonized. Key critical concepts in postcolonial studies such as abrogation, hybridity, and transculturation are studied through a close reading and historical, political, and cultural contextualization of literary and other cultural works. Topics may include, but are not limited to, resistance, transformation, diaspora, globalization, and

ecological imperialism.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2740 (3 or 6) Introduction to African Literatures and Cultures (3 hrs Lecture) This course introduces students to literatures of the African continent, in English, and the cultures out of which they grew, with an extended focus on the literatures of African diasporas. It explores a topic in the field of African literature. Topic areas may be determined by genres, themes, specific national/regional literatures, or a survey of specific literary and cultural movements/traditions of Africa. The course focuses on major debates in the history of African literatures, including how to define African literature, the language of African literature, and the relationships of African literature to imperialism, colonialism, postcolonialism, decolonization, and globalization.

Note: This course may be repeated for credit when the topic varies.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2741 (3 or 6) Asian/North American Literatures and Culture (3 hrs Lecture) This course introduces students to both canonical and non-canonical works by Asian/North American authors written in English (or translated to English). The similarities and differences in historical experiences and literary expressions of Asian/Canadians, Asian/Americans/ and Mexican/Asians may be addressed. Students explore themes including language, intergenerational conflict and trauma, migration, colonialism, colourism, and cultural nationalism through a variety of genres. The course may focus on a specific ethnic or racial community or it may be offered as a pan-Asian/North American survey.

Requisite Courses: 6 credit hours of First-Year English including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2750 (3) Laughter, Love, and Death: Introduction to Classical Literature I (3 hrs Lecture) Homer's *Odyssey* is a story of greetings and farewells, homecomings and departures, laughter and tears. Starting from a study of the *Odyssey*, this course traces emotions, gender relations, and human mortality across an assortment of works from the Ancient Mediterranean world. Students read texts in English translation from Archaic Greece to the Roman Empire, in verse and prose, across the genres of epic poetry, history, tragedy and comedy, oratory and more.

Cross-listed: CLAS-2750(3).

Restrictions: Students may not hold credit for this course and CLAS-2750.

ENGL-2751 (3) War, History, and Memory: Introduction to Classical Literature II (3 hrs Lecture) Homer's *Iliad* is a doom-filled beginning for the literature of war, a literary monument to fate, fear, memory, and loss. Starting from a study of the *Iliad*, this course traces conflict, politics, and remembrance across an assortment of works from the Ancient Mediterranean world. Students read texts in English translation from Archaic Greece to the Roman Empire, in verse and prose, across the genres of

epic poetry, history, tragedy, and comedy, oratory, and more.

Cross-listed: CLAS-2751(3).

Restrictions: Students may not hold credit for this course and CLAS-2751.

ENGL-2802 (3) Syntax (3 hrs Lecture) 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 combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.

Cross-listed: ANTH-2403(3) and LING-2003(3).

Restrictions: Students may not hold credit for this course and ANTH-2403 | LING-2003.

ENGL-2803 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of 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 course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.

Cross-listed: ANTH-2401(3) and LING-2001(3).

Restrictions: Students may not hold credit for this course and ANTH-2401 | LING-2001.

ENGL-2804 (3) Language and Culture (3 hrs Lecture) 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.

Cross-listed: ANTH-2406(3) and LING-2101(3).

Restrictions: Students may not hold credit for this course and ANTH-2406 | LING-2101.

ENGL-2805 (3) Morphology (3 hrs Lecture) 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.

Cross-listed: ANTH-2405(3) and LING-2002(3).

Restrictions: Students may not hold credit for this course and ANTH-2402 | LING-2002.

ENGL-2806 (3) Semantics: Philosophical Foundations (3 hrs Lecture) Semantics is the branch of linguistics concerned with how we construct meaning using language. It is arguably the most diverse branch, situated between the highly formalizable "inner layers" of phonology, morphology and syntax and the fuzzier "outer layer" of pragmatics. Key ideas covered in the course include: the difference between sense and reference, the application of basic rules in formal logic, prototype theory, componential analysis, and cognitive semantics; how to identify thematic roles in sentences; the functions of noun classifiers, deictics, and adpositions in different languages; and, the nature of metaphors, metonyms and image schemas.

Cross-listed: ANTH-2405(3) and LING-2004(3).

Restrictions: Students may not hold credit for this course and ANTH-2405 | LING-2004 | PHIL-2374.

ENGL-2922 (3) Topics in Women Writers (3 hrs Lecture) 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 once when the topic varies.

Restrictions: Students may not hold credit for this course and WGS-2922.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-2933 (6) Survey of Women Writers (3 hrs Lecture) This course offers a select survey of women writers, theorizing about women, and feminist theory from the Middle Ages to the present. Lectures and discussion offer historical, aesthetic, social, theoretical, and literary contexts in which to consider women as subjects, writers, and readers and to consider the material conditions of women at different points in history and in different cultural contexts. The course also consider women in relation to various literary, political, and cultural movements, which may include, but not necessarily limited to, Neoclassicism, Romanticism, Victorianism, Feminism, Decadence, Modernism, Postmodernism, Globalization and Postcolonialism.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001 or ENGL-1000 [prerequisite(s)].

ENGL-2981 (3) A History of Writing, Reading, and the Book (3 hrs Lecture) This course introduces students to the history of the book, the material basis of Western literate/literary culture, by exploring writing and reading technologies from the papyrus scroll to the digital screen. It briefly traces the history of producing, reading, preserving, and controlling material texts and covers such topics as writing as handwork, ideologies of reading, the manuscript codex, the invention of printing, the development of *mise-en-page*, notions of authorship, the reading public,

the economics of book trade, and the digital revolution. The course offers a historical and material perspective on the past and present manifestations of literate/literary culture.
Requisite Courses: 6 credits of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3101 (6) Creative Writing Comprehensive (3 hrs Lecture) This course focuses on the fundamentals of creative writing. Students engage in workshops and discussion about the art and craft of writing and the writing process. The readings and assignments are designed to develop skills in creating and editing in various genres dependent on the instructor's choice.

Note: Interested students should submit a ten-page portfolio to the English Department by June 15. This should include writing as is relevant to the genres being taught in that specific year. Enrolment is limited.

Restrictions: Instructor Permission Required.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3), and ENGL-2102(3) and written permission of the instructor [prerequisite(s)].

ENGL-3102 (1) Creative Writing Field Research (Variable Meeting Hours) This course gives students the opportunity to work in groups with a professional writer for a short period and to engage in off-campus research as inspiration for creative writing projects. Each section takes a unique approach to specific aspects of writing; some sections may be offered entirely off campus.

Note: Interested students should submit a portfolio (five pages of their own writing in any genre) to the English Department by June 15. Please note that this course is one credit hour only and is graded on a Pass/Fail basis. This course may be repeated for credit when the topic varies.

Restrictions: Department Permission Required.

Requisite Courses: 12 credit hours in English and permission of the Department Chair [prerequisite(s)].

ENGL-3110 (3) Writing Creative Non-Fiction (3 hrs Lecture) This course is designed for students who wish to concentrate on writing literary non-fiction. Genres covered may include: personal essay, life writing (including memoir and biography), and literary journalism. Topics may include: structure, voice, ethics, and "truth." This is a workshop-based writing course, for which students will produce original works of creative writing.

Note: Interested students should submit a five-page portfolio of their own creative non-fiction to the Department of English well before registration.

Restrictions: Instructor Permission Required.

Requisite Courses: Take 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the instructor [prerequisite(s)].

ENGL-3112 (6) Advanced Creative Writing (3 hrs Lecture) This course provides further training in the creative writing 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. The reading and assignments are designed to expand upon students' writing in various genres dependent

on the instructor's choice.

Note: Interested students should submit a ten-page portfolio to the English Department by June 15. This should include writing as is relevant to the genres being taught in that specific year. Enrolment is limited.

Restrictions: Instructor Permission Required.

Requisite Courses: ENGL-3101 and permission of the instructor [prerequisite(s)].

ENGL-3113 (3) Writing Short Fiction (3 hrs Lecture) This course is designed for students who wish to concentrate on the craft of writing fiction, with a focus on the short story. Topics include characterization, dialogue, narrative structure and various elements of style.

Note: Interested students should submit a five-page portfolio of their own fiction to the Department of English by June 15.

Restrictions: Instructor Permission Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the instructor [prerequisite(s)].

ENGL-3114 (3) Writing Poems (3 hrs Lecture) 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.

Note: Interested students should submit a five-page portfolio of their own poetry to the Department of English by June 15.

Restrictions: Instructor Permission Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission of the instructor [prerequisite(s)].

ENGL-3115 (3) Writing for Children (3 hrs Lecture) This course allows students to explore and practice various forms of writing for children. Students read both successful classics and unconventional works that may question strict definitions of "children's" literature. In any given offering of the course, the instructor might focus on picture books, fiction for young adults, or other forms. Please consult the English Department website for a current course description.

Note: Interested students should submit a five-page portfolio of their own writing (any genre) to the Department of English by June 15.

Restrictions: Instructor Permission Required.

Requisite Courses: ENGL-2102 [prerequisite(s)].

ENGL-3116 (3) Topics in Creative Writing (3 hrs Lecture) 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 website for a detailed course description in any given year. This course may be repeated once when the topic varies.

Restrictions: Instructor Permission Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and permission

of the instructor [prerequisite(s)].

ENGL-3117 (3) Poetry for Young People (3 hrs Lecture)

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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3118 (3) Topics in Fiction for Young People (3

hrs Lecture) 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. This course may be repeated once when the topic varies.

Restrictions: Students may not hold credit for this course and ENGL-2115.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and 3 credit hours of study in Young People's Texts and Cultures at the 2000 level [prerequisite(s)].

ENGL-3119 (3) Canadian Children's Literatures and Cultures (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and ENGL-2116.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and 3 credit hours in Young People's Texts and Cultures at the 2000 level [prerequisite(s)].

ENGL-3120 (6) Practicum in Literature, Literacy and Language (3 hrs Lecture)

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.

Requisite Courses: 6 credit hours in English at the 2000 level or above [prerequisite(s)].

ENGL-3122 (3) Special Studies I (3 hrs Lecture)

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.

Restrictions: Department Permission Required.

ENGL-3131 (6) Special Studies II (3 hrs Lecture)

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.

Restrictions: Department Permission Required.

ENGL-3151 (6) Critical Theory: An Introduction (3 hrs

Lecture) 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, post-structuralism, 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.

Restrictions: Students may not hold credit for this course and ENGL-2151.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3160 (3) Topics in Young People's Cultural and Literary Texts (3 hrs Lecture)

This course explores a group of literary, media, or cultural texts for, by and/or about young people that is different in focus from courses in children's literature offered at the 2000 level. Possible topics include girls' books, uses of myth, Indigenous children's texts, teen media texts, gaming and narrative theory, and narratives by and about child soldiers. Consult the English Department website for a description of the course being offered in any given semester. This course may be repeated once when the topic varies.

Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3169 (3) Films for Young People (3 hrs Lecture)

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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) and 3 credit

hours of study in Young People's Texts and Cultures at the 2000 level [prerequisite(s)].

ENGL-3180 (3 or 6) Making Peace and War in Literature and Culture (3 hrs Lecture) This course examines traditional and non-traditional literary and cultural representations of peace and conflict. It raises practical and theoretical questions about representations of violence, death, justice, and hope in relation to gender, ethnicity, nation, culture, creative identities, colonialism, imperialism, memory, and mythology. Throughout, the course explores the potential of the university as a site of peace making.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3190 (6) Literature and Film (3 hrs Lecture) 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*.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3209 (3 or 6) Eighteenth-Century Studies Culture (3 hrs Lecture) This course examines Restoration and eighteenth-century British literature, with a consistent attempt to contextualize it within contemporary political, economic, social, and intellectual life. Relevant contexts include the appearance and development of party-system politics: the growth of commercial capitalism, urbanization, and sociability; ongoing debates over the status of women, religious minorities, colonial rule, and the institution of slavery; and the impact on literary culture of an emergent mass reading public. In response to continuing challenges to the established canon of Restoration and eighteenth-century literature, the course may include works once considered representative, as well as works by lesser known writers.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3210 (3 or 6) Romantic Literature and Culture (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and ENGL-2211.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3211 (6) Victorian Literature and Culture (3 hrs Lecture) This course examines the formations and transformations in British literature and culture between 1832 and 1901 through an exploration of literary (poetry and prose) and non-literary texts. In any year, the course is organized around several specific themes, such as Empire and colonialism, domesticity, detection and surveillance, childhood, or aestheticism; and several specific methodologies, such as cultural studies, postcolonial 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 the Brontës, George Eliot, Charles Dickens, Tennyson, the Brownings, Oscar Wilde, and Thomas Hardy.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3222 (6) Modernism (3 hrs Lecture) 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3225 (6) Contemporary British Literature and Culture (3 hrs Lecture) 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2142 (must be taken previously or at the same time as this course).

ENGL-3401 (6) Modern Drama (3 hrs Lecture) 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.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3403 (3) Canadian Drama and Theatre (3 hrs

Lecture) This course is dedicated to the study of plays written since the late twentieth century in the land known as Canada. This is a course about legacies: artistic, stylistic, canonical, dramaturgical, ideological, and colonial. Through an examination of plays and supplementary readings students in this course explore where we have come from and where we are headed in theatre in this country.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: THFM-3402(3).

Restrictions: Students may not hold credit for this course and THFM-3402.

ENGL-3520 (3) Contemporary Poetry (3 hrs Lecture)

This course offers a broad survey of contemporary poetry from the 1950s to the present, covering a wide range of poetic movements, including beat poetry, confessional poetry, the New York School, Language poetry, feminist poetry, dub poetry, conceptual poetry, Flarf, ecopoetics, and post-conceptual poetry.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3530 (3) Topics in Poetry and Poetic Form (3

hrs Lecture) This course offers an in-depth investigation into a specific poetic movement or a poetic form. Topics could include, but are not limited to, documentary poetics, dub poetry, Romantic poetry, Modernist poetry, Language poetry, beat poetry, feminist poetry, ecopoetics, conceptual poetry, lyric poetry. This course might also be organized in relation to poetry written from a specific identity category including queer poetry, African American poetry, Asian North American poetry, or Indigenous poetry. This course may be repeated once when the topic varies.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3708 (3 or 6) Canadian Literature and Culture

(3 hrs Lecture) This course introduces students to Canadian literature and culture from a variety of historical, regional, generic, and artistic contexts. Emphasis is placed on different moments and movements in Canadian literary and cultural history, such as: early missionary, exploration, and travel writing; settler colonial literature; modernism and postmodernism; postcolonial and diasporic writing; Indigenous literatures; and popular literatures. Important Canadian genres, such as Confederation poetry, the short story cycle, long poem, historical novel, language poetry, immigrant writing, and speculative fiction, may also be highlighted. Attention is paid to the roles of race, ethnicity, class, gender, sexualities, nationalism, regionalism, settler colonialism, and globalization.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3709 (3 or 6) Topics in Canadian Literature and Culture (3 hrs Lecture)

This course focuses on a topic in Canadian Literature and Culture which varies from year to year. Possible topics are: memoirs and life writing; the gothic; travel writing; historical fiction; Canadian comics; Black Canadian writing; trauma and memory; Mennonite Writing; representations of disability; dystopias; and bestsellers and prize winners. Students should consult the English Department website for more specific information about the iterations of this course. This course may be repeated once when the topic varies.

Restrictions: Students may not hold credit for this course and ENGL-3713.

Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3717 (3 or 6) Indigenous Literatures and

Cultures (3 hrs Lecture) 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 the 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.

Cross-listed: IS-3717(3).

Restrictions: Students may not hold credit for this course and IS-3717.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3719 (3) Literature of Manitoba (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and ENGL-3714.

Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3723 (3 or 6) Topics in Indigenous Texts and

Cultures (3 hrs Lecture) This course examines Indigenous literary and other cultural productions, such as music, film, and art. In an era when racism and neo-colonialism continue to challenge First People's sovereignty, Indigenous artists, along with scholars, activists, and community members are contributing to Indigenous peoples' health, healing, and self-determination. The course emphasizes Indigenous values, knowledge,

and theories. In a given year, students may focus on a specific artist, nation, genre, or period. Students should consult the English Department Handbook for a description of the course offered in a given year. This course may be repeated once for credit when the topic varies.

Cross-listed: IS-3723.

Restrictions: Students may not hold credit for this course and IS-3723.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3724 (3 or 6) Topics in Race and Ethnicity (3 hrs Lecture) This course focuses on a specific topic related to critical race and ethnic studies. Possible topics include narratives related to immigration, multiracialism, gender and sexuality, transnationalism, or interethnic and comparative race studies: (auto) ethnographic texts; narratives of cultural nationalism; the Harem renaissance; Asian/America studies; race and film. Students should consult the department website for information about the specific topic offered in a given term. This course may be repeated once when the topic varies.

Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3725 (3 or 6) Topics Cultural Studies (3 hrs Lecture) This course examines specific topics, methodologies, and/or theoretical concerns in cultural studies and cultural theory. Possible topics include critical approaches to popular culture; fandom, audiences, and reception; mass culture and the mass media; intersections of race, class, gender, and sexuality in cultural studies; writing methods and practices at the Birmingham Centre for Contemporary Cultural Studies (CCCS); Stuart Hall; cultural studies and activism; popular cinema and cultural studies. Students should consult the department website for information about the specific topic offered in a given term. This course may be repeated once when the topic varies.

Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3730 (3 or 6) American Literature (3 hrs Lecture) This course offers an introduction to a range of American texts, including fiction, prose, poetry, and drama. Texts are studied in their cultural, historical, and regional contexts. Emphasis is placed on different moments and movements in American literary and cultural history, such as the American Gothic, Transcendentalism, Regionalism, Modernism, The Harlem Renaissance, the Beatnik Generation, and Postmodernism. Specific American genres, like the Hardboiled or the Western may also be highlighted. Attention is paid to the roles of race, ethnicity, class, gender, sexualities, nationalism, settler colonialism, and globalization.

Restrictions: Students may not hold credit for this course and ENGL-3720 | ENGL-3721.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3754 (3) Ancient Epic in Translation (3 hrs Lecture) By reading works of ancient epic in translation by important ancient authors (e.g., Homer, Apollonius, Vergil, Ovid, Lucan, Statius), students are introduced to the

literary characteristics of the genre and their strategic deployment. The literary and historical contexts of specific epics are discussed in order to make their cultural significance clear.

Cross-listed: CLAS-3754(3).

Restrictions: Students may not hold credit for this course and CLAS-3754 or CLAS-4754.

ENGL-3755 (3) Ancient Drama in Translation (3 hrs Lecture) Students read the works of ancient tragic poets (e.g., Aeschylus, Sophocles, Euripides, Seneca) and of ancient comic poets (e.g., Aristophanes, Menander, Plautus, Terence) in translation. Literary conventions of both ancient tragedy and comedy are addressed. The plays are situated within their broader historical and festival contexts to make clear their cultural significance.

Cross-listed: CLAS-3755(3).

Restrictions: Students may not hold credit for this course and CLAS-3755. Students may receive credit for ENGL-3755 | CLAS-4755 only if the topic varies.

ENGL-3756 (3) Topics in Ancient Literature (3 hrs Lecture) This course deals with the interpretation and appreciation of literary genres, authors, or works from the canon of Greek and Latin literature. The focus of study varies from year to year. Examples include love poetry, satire, the ancient novel, and letter-writing as a literary form. Information concerning these course offerings is provided by the department.

Cross-listed: CLAS-3756(3).

Restrictions: Students may not hold credit for this course and CLAS-3756. Students may receive credit for ENGL-3756 | CLAS-4756 only if the topic varies.

ENGL-3800 (3) Textual Analysis (3 hrs Lecture) This course examines the principles and methods of textual analysis as a language-centered 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.

Cross-listed: ANTH-3405(6) and LING-3001(6).

Restrictions: Students may not hold credit for this course and ANTH-3405 | LING-3001.

Requisite Courses: 6 credit hours of First-Year English or permission of the Department Chair [prerequisite(s)].

ENGL-3802 (3) Registers of Our Daily Life (3 hrs Lecture) 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 investigation and contemporary research focus on medical, scientific, legal, business, financial, political, classroom, and media discourse.

Cross-listed: LING-3101(3), ANTH-3407(3).

Restrictions: Students may not hold credit for this course

and ANTH-3407| LING-3101.

Requisite Courses: LING-2101 or ANTH-2406 or ENGL-2804 [prerequisite(s)].

ENGL-3812 (3 or 6) History of the English Language (3 hrs Lecture) This course offers a concise survey of the English language as a medium of literature from Old to Modern English. It introduces students to the metalanguage used to describe linguistic change and emphasizes the connection between such change and literary expression. Students read excerpts from Beowulf, Chaucer, and Shakespeare, among others, to discover the profound shifts that occurred in the structure and use of English over the last millennium and half. Students also explore the consequences of those shifts for literary practices over the centuries. The course challenges students to enhance their awareness of the time-bound character of both language and literature.

Restrictions: Students may not hold credit for this course and ENGL-2811.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) or permission of the Department Chair [prerequisite(s)].

ENGL-3814 (3) Topics in the Englishes of the Past (3 hrs Lecture) This course offers an in-depth look at the English language at a single period in its fifteen hundred year old history. The specific focus of the course changes from year to year in response to the interests of the students and the needs of the English Department. Thus, depending on the demand, the course may focus on Middle English, on English of the Elizabethan period, or on the eighteenth century. Alternatively, the course may focus on the language of a particular writer, such as, for example, Chaucer, Shakespeare, or Joyce. Students study the structure, usage, and creative engagement with language at a given period or in the repertoire of a particular writer. Wherever appropriate, some attention may also be given to regional dialects and social registers. The course challenges students to enhance their awareness of the time-bound character of both language and literature.

Requisite Courses: English I or ENGL-3812 or permission of the Department [prerequisite(s)].

ENGL-3901 (6) Queer Literature, Culture, and Theory (3 hrs Lecture) This course offers a survey of lesbian, gay, transgender, and queer literary and cultural production. In addition to examining novels, poems, films, and plays, students read critical essays, queer theory, and case studies from the field of sexology. Some attention is paid to the historical development of categories such as "gay", "lesbian," and "transgender"; the history of gay liberation and AIDS activism, and the relationship between the gay liberation movement and other social justice movements.

Restrictions: Students may not hold credit for this course and WGS-3601.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3905 (3) Topics in Biblical Texts and Cultural Studies (3 hrs Lecture) This course offers a critical introduction to biblical texts and their relationships to, and

influences on, literary and cultural production. Students read biblical texts in relation to a historical and generic range of literary and cultural texts that draw on, explore, challenge, parody, and satirize biblical texts, themes, images, characters, and symbols. Students examine biblical texts as they are negotiated in contemporary secular society in relation to various topics such as histories of colonization, "English studies," and transcultural challenges. This course may be repeated once when the topic varies.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3920 (3) Representations of Disability in Literary and Cultural Texts (3 hrs Lecture) This course examines social, cultural, historical, political, and aesthetic ideas about disability as they are expressed in literary and cultural texts. Students use the skills of textual and theoretical analysis to examine a range of texts that may include novels, performance texts, poetry, short stories, children's and young people's texts, feature films, documentary films, visual art, graphic narratives, blogs, YouTube videos, and other texts generated by social media. Students consider representations of disability in relation to a wide range of topics including aging, creative identity, colonialism, culture, ethics, ethnicity, family, gender, human rights, imperialism, memory, mythology, nation, and sexuality.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3951 (3) Topics in Feminist Theory (3 hrs Lecture) 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 website for information about specific iterations of the course. This course may be repeated once when the topic varies.

Restrictions: Students may not hold credit for this course and WGS-3951.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-3980 (3 or 6) Topics in Comics and Graphic Narratives (3 hrs Lecture) This course focuses on a particular topic in the study of comics and graphic narratives. Possible topics are: autobiographical comic books; feminist comics; superhero comics; comics and film; comics and/as history; comics culture(s); individual creators. Course readings may include some non-comics texts and theoretical material. Students should consult the department website for information about the specific topic offered in a given term. This course may be repeated once when the topic varies.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-4103 (3) Research Apprenticeship (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4104 (3) Tutorial Apprenticeship in English (3 hrs Seminar/Discussion) 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 student's written work. Students meet regularly with the supervising professor in order to discuss and evaluate teaching strategies and materials.

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4001.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4110 (6) Critical Theory (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4122 (3) Special Studies I (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)];

ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4131 (6) Special Studies II (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4160 (3 or 6) Young People's Texts and Cultures (3 hrs Seminar/Discussion) This course offers a focused study of an area of young people's texts and cultures, such as narrative fiction and film, digital or material culture. It may be organized as an exploration of texts and cultures of a particular period, consider a figure, genre, or theme across a range of historical periods and/or contemporary moments. Possible topics include Victorian children's literature, the tween and the teen, revisionist fairy tales, and transnational literacy. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4211 (3 or 6) Romanticism (3 hrs Seminar/Discussion) This course pursues in-depth analyses of literature, history, and culture of the English Romantic period (1789-1832). The course considers how events and issues such as the French Revolution, abolitionism, and women's rights influenced Romantic writers, including Mary Wollstonecraft, Anna Barbauld, William Blake, William Wordsworth, Samuel Coleridge, William Godwin, Byron, Percy Shelley, John Keats, Mary Shelley, and Jane Austen. Sections of the course may also consider other national Romantic movements (e.g., American or Transatlantic Romanticism) as well as elements and discourses of Romanticism across history and in the present. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4242 (3 or 6) Medieval Literature and Culture (3 hrs Seminar/Discussion) This course discusses

representative works in medieval literature and culture. Topics vary from year to year and often include medieval romance and visionary allegory. The texts studied may include *Sir Gawain and the Green Knight*, Malory's *Morte d'Arthur*, *Pearl*, and *Piers Plowman* and the work of Chaucer. 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. Students may repeat this course once when the topic varies.

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-2221 | ENGL-2301 | ENGL-4302.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4251 (3 or 6) Early Modern Literature and Culture (3 hrs Seminar/Discussion) This course focuses on literature produced by English writers between 1485 and 1660. Each iteration of the course focuses on a particular topic in the field of early modern literature and culture. Topic areas vary from year to year, but may include: specific authors, or groups of authors (e.g. Shakespeare, Philip Sidney, the Cavalier Poets); particular literary forms (e.g. history plays, political pamphlets, epic poetry); or religious, scientific, political, social, and/or philosophical contexts (e.g. the Reformation, natural philosophy, formulations of gender and/or sexuality). This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4270 (3 or 6) Eighteenth-Century Literature and Culture (3 hrs Seminar/Discussion) This course provides an opportunity for seminar study of Restoration and eighteenth-century British literature, contextualizing it within contemporary political, economic, social, and intellectual life. Relevant contexts include the development of party politics, the rise of commercial capitalism and colonialism; debates over the status of women, parliamentary reform, and abolition; the proliferation of print culture; the professionalization of authorship; and concepts such as "Enlightenment," "Neoclassicism," and "sensibility". The course equally draws upon current theoretical frameworks for understanding materials, which may extend beyond literary texts to other texts and media. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4221.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4281 (3 or 6) Victorian Literature and Culture (3 hrs Seminar/Discussion) This course examines the literature and culture of the Victorian period (1837-1901). As a topics-based course the specific focus may vary each time it is offered. Possible topics include imperialism and colonization, urbanization and industrialization, sexuality and gender, and science and technology. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4511.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4285 (3 or 6) Modernist Literature and Culture (3 hrs Lecture) 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. Sections of the course may focus on a specific form, genre, movement, place, or politics. Sample topics include: Modernist Poetry, Noir in Fiction and Film, the Harlem Renaissance, Gender and Modernism, and Reading the 1930s. This course may be repeated once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4294 (3 or 6) Contemporary Literature and Culture (3 hrs Seminar/Discussion) This course offers an in-depth examination of some particular aspect of contemporary literature or cultures. The course may concentrate on a specific national context for literature and culture (e.g. visual culture in Britain; Canadian heritage films and historical fiction) or may examine a specific aspect of contemporary literature and culture from an international perspective (e.g. representations of urban experience). Topics vary and may include multiculturalism, race, gender, contemporary film and television, youth cultures, visual cultures, popular music, and popular culture. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4403 (3 or 6) Author, Genre, or Form (3 hrs Seminar/Discussion) This course offers students the opportunity for intensive critical study of an author, genre, or form. Sections of the course may focus on a particular author, or a particular genre or form of literary and/or cultural production (e.g., sub genres and forms within poetry, drama, graphic narrative, popular fiction, and visual

media). Each time the course is offered the topic covered will be listed on the English Department Website. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours in First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4710 (3 or 6) Canadian Literature and Culture (3 hrs Seminar/Discussion) This course offers a study of an area of Canadian literature and culture at an advanced level. It may, for instance, involve the study of a limited number of authors, artists, or cultural producers, an historical period, school, or movement, one or two genres, forms, or media, or critical and cultural theory in relation to Canadian literature and culture. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4711 | ENGL-4712.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4717 (3 or 6) Indigenous Literatures and Cultures (3 hrs Lecture) This course examines Indigenous texts and culture. The theme of the course varies from year to year. It may focus on historical and/or contemporary representations of Indigenous people. Or the course may study Indigenous contributions on topics such as the environment, neo-colonialism, violence against women, health, sovereignty, and reconciliation. The course may examine a specific artist, nation, genre, or period. This course may be repeated for credit once when the topic varies.

Cross-listed: IS-4717(3)/(6).

Restrictions: Honours Form Required. Students may not hold credit for this course and IS-4717.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4720 (3 or 6) American Literature and Culture (3 hrs Seminar/Discussion) This course focuses on a specific area of study in American literature and culture. For example, it may focus on works from the Harlem Renaissance or the Beat Generation. Alternatively, it may draw on texts from a particular region or ones that address a specific subject. Specific focus depends on the instructor. Students may repeat this course once when the topic varies.

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4531 | ENGL-4651.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same

time as this course).

ENGL-4730 (3 or 6) Postcolonial Literatures and Cultures (3 hrs Seminar/Discussion) This course investigates some of the central questions in the field of postcolonial studies through an analysis of cultural and theoretical works from one or more of these regions: Africa, the Caribbean, South Asia, the Middle East, and the Pacific Islands. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4740 (3 or 6) Topics in Comparative Literature (3 hrs Seminar/Discussion) 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 web site for information about specific iterations of the course. This course may be repeated once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4741 (3 or 6) Screen Studies (3 hrs Seminar/Discussion) This course focuses on a topic in screen studies that varies from year to year. Possible topics may include: genre (e.g., noir, melodrama, documentary); national cinemas (e.g., Canadian, Nigerian, Japanese); literary remediations; identity and representation (e.g., race, Indigeneity); youth culture (e.g., adolescent sexuality, Disney); video games and gaming; new media platforms and technologies; screen practices. In addition to media materials, the course focuses on critical and theoretical questions related to the topic. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4742 (3 or 6) Cultural Studies (3 hrs Seminar/Discussion) This course focuses on a topic in the field of cultural studies that varies from year to year. The course may focus on a specific critical and methodological approach (reception studies, Marxist cultural analysis, etc.), on a particular school of thought or moment in the field (the Birmingham Centre for Contemporary Cultural Studies; Cultural Studies beyond Britain; the turn to Gramsci in Cultural Studies), or on a particular topic in the field (popular culture; digital culture; fandom; the politics of

representation; youth and subcultures; cultures of resistance; etc.) Students may repeat this course once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course); 6 credit hours in First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

ENGL-4823 (3) Old English Language (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4841 (3) Old English Literature (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4901 (3 or 6) Gender, Literature and Culture (3 hrs Seminar/Discussion) This course focuses on a topic related to gender, literature, and culture that varies from year to year. Possible topic areas are the continued relevance of feminism and feminist theory to literary and cultural studies, queer theory and its impact on how we read texts, and the impact of critical race theory on the study of gender, literature, and culture. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or ENGL-2146(6) (must be taken previously or at the same time as this course).

ENGL-4903 (3 or 6) Critical Race Studies (3 hrs Seminar/Discussion) This course focuses on topics related to Critical Race Studies, textual representations of people and communities of colour, and theoretical conversations about race and ethnicity. Students are exposed to foundational as well as newer critical perspectives. Specific focus depends on the instructor. This course may be repeated for credit once when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of First-Year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)]; ENGL-2003(6) or ENGL-2142(6) or ENGL-2145(6) or

ENGL-2146(6) (must be taken previously or at the same time as this course).

ENVIRONMENTAL STUDIES AND SCIENCES

ENV-1600 (3) Human-Environmental Interactions (3 hrs Lecture) 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.

Note: The Department recommends that students take RHET-1102 or RHET-1103 in their first year of studies as most courses in DESS programs include multiple writing assignments.

Restrictions: Students may not hold credit for this course and ENV-2600.

ENV-2060 (3) Environmental Justice in the Inner City (3 hrs Lecture) Environmental issues can feel overwhelming - they are urgent and everywhere, and impact inner-city places and residents unequally. How do communities take action for environmental justice, to share environmental well-being and protect land, water, air, and people? Students explore the past and present of environmental justice in theory and practice, looking at urban environmental justice internationally and engaging with local issues and movements that inspire hope and action. Through written, oral, and creative hands-on assignments, analyze environmental benefits and burdens through an intersectional lens, explore how environmental injustice is created and maintained, and find strategies for positive change.

Cross-listed: UIC-2060

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and UIC-2060.

ENV-2401 (1) Forest Field Skills Camp (3 hrs Lecture) 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, ATVs, 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.

Cross-listed: BIOL-2401(1).

Restrictions: Students may not hold credit for this course and BIOL-2401.

ENV-2416 (3) Sex, Gender, Space, and Place (3 hrs Lecture) This course examines, from interdisciplinary perspectives including those of Women's and Gender 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.

Cross-listed: GEOG-2416(3) and WGS-2416(3).

Restrictions: Students may not hold credit for this course and GEOG-2416 | WGS-2416.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103, or ENV-1600, WGS-1232 or permission of the instructor or permission of the chair [prerequisite(s)].

ENV-2477 (3) Forest Measurement (3 hrs Lecture) 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.

Note: 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.

Cross-listed: BIOL-2477(3)

Restrictions: Students cannot receive credit for this course and BIOL-2477.

Requisite Courses: STAT-1301 or STAT-1501 (or the former STAT-1201) or PSYC-2101 or GEOG-2309 (must be taken previously or at the same time as this course).

ENV-2502 (3) Sociology of the Environment (3 hrs Lecture) 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.

Cross-listed: SOC-2502(3).

Restrictions: Students may not hold credit for this course and SOC-2502.

Requisite Courses: ENV-1600(3) or SOC-1101(6) or permission of the instructor [prerequisite(s)].

ENV-2521 (3) Voluntary Simplicity (3 hrs Lecture) 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 environmentally sustainable alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions and is informed by the understanding that effective conflict resolution practice is enhanced by building emotional well-being, vibrant community, sustainable environment, and social justice.

Cross-listed: CRS-2521(3), IDS-2521(3).

Restrictions: Students may not hold credit for this course and CRS/IDS-2521.

Requisite Courses: ENV-1600(3) or IDS-1100(6) or permission of the instructor [prerequisite(s)].

ENV-2603 (3) Environmental Sustainability: A Global Dilemma (3 hrs Lecture) 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; overconsumption 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.

Cross-listed: IDS-2603(3).

Restrictions: Students may not hold credit for this course and IDS-2603.

Requisite Courses: ENV-1600 or IDS-1100 or permission of the instructor [prerequisite(s)].

ENV-2604 (3) Environment and Health (3 hrs Lecture) There is growing concern amongst the scientific community, media, and general public that environmental chemical contamination may be responsible for some human and ecosystem health problems. This course provides a scientific overview of selected chemical contamination issues, discusses relative risks of recognized and potential hazards, and assesses possible technical and regulatory solutions. Topics may include stratospheric ozone depletion, tropospheric air pollution, acid rain, greenhouse gas emissions, anthropogenic pollutants such as PCBs and perfluorinated chemicals, and other relevant issues. A knowledge of high school level chemistry is useful, but not absolutely necessary.

Requisite Courses: ENV-1600(3) or permission of the instructor [prerequisite(s)].

ENV-3004 (3) Women, Health and the Environment (3 hrs Seminar/Discussion) 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.

Cross-listed: WGS-3004(3).

Restrictions: Students may not hold credit for this course

and WGS-3004.

Requisite Courses: WGS-1232(6) or the former WGS-2300 or the former WGS-2301 or permission of the instructor [prerequisite(s)].

ENV-3025 (3) Issues in Sustainable Cities (3 hrs Lecture) 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.

Cross-listed: UIC-3025(3).

Restrictions: Students may not hold credit for this course and UIC-3025.

Requisite Courses: GEOG-2414(3) or the former GEOG-2404, or UIC-1001(6) or permission of the instructor (must be taken previously or at the same time as this course).

ENV-3035 (3) Law and the Environment (3 hrs Lecture) This course provides an introduction to Canadian environmental law, including constitutional, 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. Students consider the socio-economic, political, and scientific backgrounds of environmental problems. Current Manitoba examples illustrate these concepts, problems and solutions.

Requisite Courses: ENV-1600 [prerequisite(s)].

ENV-3471 (3) Forest Ecology (3 hrs Lecture) 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.

Cross-listed: BIOL-3471(3)

Restrictions: Students may not hold credit for this course and BIOL-3471.

Requisite Courses: BIOL-2403 or GEOG-2213 and GEOG-2214 or permission of the instructor [prerequisite(s)].

ENV-3473 (3) Principles of Silviculture (3 hrs Lecture) 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.

Cross-listed: BIOL-3473(3)

Restrictions: Students may not hold credit for this course and BIOL-3473

Requisite Courses: BIOL-2153 and BIOL-2403 or permission of instructor [prerequisite(s)].

ENV-3476 (3) Forest Policy and Management (3 hrs Lecture) This course addresses the principles and practices of sustainable forestry in Canada. Topics include evolution of the forest industry including past and current forest policy and practices. Important aspects of harvesting, reforestation, forest protection, private woodlot forestry, natural products and First Nations forestry are discussed. The role of the forest industry in Canada is examined within the larger context of government regulation, multi-resource management, multi-stakeholder processes, and global markets. The environmental impact of forest management activities on natural landscapes is reviewed under ever changing environmental codes and restrictions and the need to produce green products.

Cross-listed: BIOL-3476(3).

Restrictions: Students may not hold credit for this course and BIOL-3476.

ENV-3602 (3) Environmental Governance for

Sustainability (3 hrs Lecture) This course examines current theoretical and analytical approaches useful for understanding environmental governance in today's complex problem domains. Focusing on the human dimensions of environmental resources, students examine major approaches to understanding complex human-environmental issues, such as conventional environmental problem solving, framing and discourse analysis; and social ecological systems thinking. Students develop a conceptual foundation and the analytical abilities needed to assess environmental governance concepts, issues, and cases associated with "wicked" environmental governance settings.

Requisite Courses: ENV-1600(3) or permission of the instructor [prerequisite(s)].

ENV-3603 (3) Winnipeg and the Environment: A Case Study Approach (3 hrs Lecture) 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 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.

Cross-listed: UIC-3603(3).

Restrictions: Students may not hold credit for this course and UIC-3603.

Requisite Courses: ENV-1600 or the former ENV-2600

or permission of the instructor [prerequisite(s)].

ENV-3606 (3) The Environment and Business (3 hrs Lecture) This course examines practical examples of ways in which business operations have responded to environmental and sustainability challenges and opportunities. The course provides an historical perspective on corporate environmentalism and covers current topics such as self-regulation and voluntary initiatives, environmental management systems, product stewardship, life-cycle analysis, industrial ecology, toxics use reduction, strict liability and due diligence, and sustainable performance management. The course uses case studies from Canada and elsewhere, including developing nations, to illustrate the issues, problems, and solutions discussed.

Requisite Courses: ENV-1600 or permission of the instructor [prerequisite(s)].

ENV-3607 (3) Forests and the Environment (3 hrs Lecture) 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 studies 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 discussed. Using the boreal forest as an example, students will acquire an understanding of natural ecosystem dynamics and of proposed alternatives in forestry practices. The effects of global climate change and increasing human pressure on our forests are also examined.

Requisite Courses: BIOL-2403(3) or the former BIOL-3403 [prerequisite(s)].

ENV-3608 (3) Forest Wildlife Management (3 hrs Lecture) 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.

Requisite Courses: ENV-3607(3) [prerequisite(s)].

ENV-3609 (3) Research Methods and Design (3 hrs Lecture | 3 hrs Lab) This course is a prerequisite 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.

Note: ENV-3609L must be taken concurrently.

Requisite Courses: GEOG-2309(3) or STAT-1201(6) or STAT-1501(3) or permission of the Department Chair [prerequisite(s)]; ENV-3609L (lab) (must be taken concurrently).

ENV-3610 (3) Research Projects (3 hrs Lecture) 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.

Requisite Courses: ENV-3609(3) and a minimum of 60 credit hours towards their degree or permission of the Department Chair [prerequisite(s)].

ENV-3611 (3) Environmental Toxicology (3 hrs Lecture)

This course provides an understanding of how and why chemicals may damage humans and other organisms. Basic principles of toxicology and environmental chemical exposure are covered, and detailed analysis is presented of the body's defences against toxicants and the physiological and/or biochemical mechanisms by which toxicants cause effects. Toxicological modeling and environmental risk assessment are introduced. Students apply these principles to explore emerging topics of interest in their own disciplines.

Cross-listed: CHEM-3611(3).

Restrictions: Students may not hold credit for this course and CHEM-3611.

Requisite Courses: CHEM-1111 and CHEM-1112 or BIOL-1115 and BIOL-1116 [prerequisite(s)].

ENV-3612 (3) Environmental Impacts of Agriculture (3 hrs Lecture) The course provides a comprehensive knowledge on impacts of agriculture on the environment. It focuses on the global food production trends in meeting the growing population needs and the positive and negative impacts of agriculture on the environment, emphasizing the impacts on (a) the atmosphere and stratosphere resulting in global climate change and air pollution, (b) the hydrosphere resulting in water deficits and pollution, (c) the lithosphere soil degradation and (d) the biosphere through habitat degradation, overharvesting, and genetic pollution, causing biodiversity loss. The course also provides the conceptual knowledge required to produce food in an ecologically sustainable manner.

Requisite Courses: ENV-1600 or GEOG-2401 [prerequisite(s)].

ENV-4450 (3) Geographic Perspectives on Environment and Sustainability (3 hrs Seminar/Discussion) This course considers geographic and environmental approaches to sustainable staple-based

development. Topics include conceptual and methodological tools and frameworks associated with resource management, including impact assessment, meaningful engagement, community-based management, corporate social responsibility, post approval practices and adaptive management. In critiquing current practices, students reflect on innovations designed to move towards more sustainable development. This course may be held concurrent with GDP/GEOG 7750. Student evaluation will differ depending on the level.

Cross-listed: GEOG-4450(3).

Restrictions: Students may not hold credit for this course and GEOG-4450, GEOG-7750, and GDP-7750.

Requisite Courses: 18 credit hours in Geography or 18 credit hours in Environmental Studies and Sciences [prerequisite(s)].

ENV-4451 (2) Forest Ecosystems Field Course (3 hrs

Field Study) 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.

Note: This course is intended for students enrolled in the Forest Ecology and Forest Policy and Management Program in Environmental Studies and Sciences. Students not in this program but wishing to take this course need the permission of the instructor.

Cross-listed: BIOL-4451(3)

Restrictions: Students may not hold credit for this course and BIOL-4451

Requisite Courses: BIOL-2153 and BIOL-2403 or permission of the instructor [prerequisite(s)].

ENV-4473 (3) Dendrochronology: Principles and Applications (3 hrs Lecture | 3 hrs Lab) 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.

Cross-listed: BIOL-4473(3)

Restrictions: Students cannot hold credit for this course and BIOL-4473.

Requisite Courses: BIOL-2403 and BIOL-2153 or permission of the instructor [prerequisite(s)]; ENV-4473L (lab) (must be taken concurrently).

ENV-4474 (3) Forest Health and Protection (3 hrs Lecture) 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. Students focus on the impact of forest health activities on the general ecological components of forest systems and the relationship between forest successions. Students examine the evolution of Canadian forestry protection policy and industry regulation.

Cross-listed: BIOL-4474(3)

Restrictions: Students cannot hold credit for this course and BIOL-4474.

Requisite Courses: BIOL-2403 or permission of the instructor [prerequisite(s)].

ENV-4475 (3) Urban Forestry (3 hrs Lecture | 3 hrs Lab)

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. Students discuss the development of urban forest planning and management. Students study the role of Canadian policies and regulations in influencing urban forest tree species and integration of urban forests into our communities.

Cross-listed: BIOL-4475(3)

Restrictions: Students cannot hold credit for this course and BIOL-4475.

Requisite Courses: BIOL-2403 or permission of instructor [prerequisite(s)]; ENV-4475L (lab) (must be taken concurrently).

ENV-4611 (3) Environmental Impact Assessment (3

hrs Lecture | 3 hrs Lab) 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 undertake EIA examples in both written and oral form.

Requisite Courses: Completion of at least 60 credit hours towards degree or permission of the Department Chair [prerequisite(s)]; ENV-4611L (lab) (must be taken concurrently).

ENV-4613 (3) Directed Research in Environmental Studies and Sciences (3 hrs Project / Thesis) Students undertake research in their areas of interest. The research may take the form of a literature review, an experiment, or involve analysis of existing data. Evaluation is based on a written submission summarizing student findings.

Requisite Courses: ENV-1600 [prerequisite(s)].

ENV-4614 (3) Critical Environmental Issues (3 hrs Lecture) 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 and Sciences Department for a more detailed description of topic areas in terms in which the course is offered.

Requisite Courses: ENV-1600(3) or permission of the Department Chair [prerequisite(s)].

ENV-4615 (3) Environmental Soil Science (3 hrs Lecture) The course provides students with a comprehensive knowledge of environmental issues related to soil science emphasizing the significant role soil plays in sustaining environmental quality. It focuses on soil functions, soil quality, environmental significance of soil properties and processes, ecological implications of soil-water-nutrient interactions, fate and transport of contaminants in soils, and environmental impact of soil erosion, all of which are interconnected to current environmental issues such as global warming, water pollution, soil degradation, atmospheric pollution etc. The course also aims to provide the conceptual knowledge required to manage soil on a scientifically-based, environmentally friendly, and ecologically sustainable manner.

Requisite Courses: GEOG-2213(3) and CHEM-1112(3) or the former CHEM-1101(6) or permission of the instructor [prerequisite(s)].

ENV-4616 (3) Campus Sustainability (3 hrs Project / Thesis) Students complete a project designed to assist with improving the university's sustainability performance. Project topics stem from the university's sustainability plan and are developed in consultation with the Campus Sustainability Office and other stakeholders. Topic areas include air quality, climate change, education, finance and procurement, governance, land use, transportation, waste diversion, water quality and management, and well-being. Students work in a collaborative team setting and are required to submit a written project plan and present their project outcomes orally and in writing.

Restrictions: Students may not receive credit for this course and ENV-4614 when the topic was Critical Environmental Issues: Campus Sustainability.

Requisite Courses: ENV-1600 or permission of the Instructor [prerequisite(s)].

ENV-4617 (3) Ecology and Management of Species at Risk (3 hrs Lecture)

This course focuses on management and policy related to species at risk. Students learn what constitutes a species at risk and review the factors, both natural and human induced, that can cause a species to become at risk. Students gain a thorough understanding of the assessment criteria used to determine listing under provincial and federal endangered species legislation and of the legislation and policy framework that governs management of species at risk. Students examine management principles and practices for the recovery of species at risk and the prevention of species endangerment.

Restrictions: Students may not receive credit for this course and ENV-4614 when the topic (or subject) was Critical Environmental Issues: Ecology and Management of Species at Risk.

Requisite Courses: ENV-1600 or permission of the instructor [prerequisite(s)].

ENV-4701 (6) Honours Environmental Studies and Sciences Thesis (3 hrs Project / Thesis) This course provides an opportunity for students to undertake a project of personal interest under the guidance of a faculty member or equivalent and the Course Coordinator. Practical

experience is provided in research design and methodology, data analysis, in the oral and written presentation of the findings, and participation in academic conferences. This course is intended to provide students with a solid background for entry into graduate programs or research-oriented careers.

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 this course. A written agreement between the student and the faculty supervisor is required before permission is granted.

Restrictions: Department Permission Required. Honours Form Required.

Requisite Courses: GEOG-2309(3) and ENV-4611(3), and 30 credit hours in Environmental Studies with a minimum 3.0 GPA (B) in honours subject courses [prerequisite(s)].

FRENCH STUDIES

FREN-1100 (3) Elementary French 1 (3 hrs Lecture | 1 hrs Lab) This course is designed for students with no prior training in French. It focuses on basic grammatical and lexical skills, such as common verbs in simple tenses, interrogative and negative sentences, daily life greetings and conversation. Students focus on basic skills in oral and written comprehension and expression in class. In the weekly one-hour lab (*travaux pratiques*) students practice grammar aiming at vocabulary acquisition, and greater ease with morphology and syntax. Students complete short reading and writing tasks designed to develop a good foundation for future courses. This course does not count towards the major.

Restrictions: Students may not hold credit for this course and the former FREN-1001.

Prerequisite: Placement test or permission of the department.

Requisite Courses: FREN-1100L (lab) (must be taken concurrently).

FREN-1102 (3) Elementary French 2 (3 hrs Lecture | 1 hrs Lab) This course is designed for students with a basic knowledge of French. Students learn grammatical and lexical foundations, such as past and future tenses, the subjunctive mood (for expressing emotions), the conditional present (to discuss hypothetical situations), pronouns (to avoid redundancy). Vocabulary used to discuss abstract concepts is introduced. Language comprehension and expression skills are practiced in class (e.g. short texts, songs, or poems are presented and discussed). The weekly one-hour lab (*travaux pratiques*) is dedicated to developing greater ease with using vocabulary, morphology, and syntax. Writing tasks include composing sentences and paragraphs.

Restrictions: Students may not hold credit for this course and FREN-1001.

Requisite Courses: Placement test or FREN-1100(3) [prerequisite(s)]; FREN-1102L (lab) (must be taken concurrently).

FREN-1103 (3) Elementary French 3 (3 hrs Lecture | 1 hrs Lab) This course is intended for students with some knowledge of French wishing to bring their proficiency up to the entrance level for a Major or Minor in French. The focus is on the review of basic grammatical skills (e.g. pronouns, past tenses, simple sentences), and on the gradual acquisition of complex structures (e.g. subordinate clauses, tenses of the conditional and the subjunctive). Lexical skills are targeted through reading activities (e.g. magazine articles, short poems or narratives) and by listening to audio documents (e.g. songs, video clips). The weekly one-hour lab (*travaux pratiques*) is dedicated to developing greater ease with using vocabulary, morphology, and syntax. Writing tasks evolve from shorter to longer sentences and to compositions.

Restrictions: Students may not hold credit for this course and FREN-1111 | FREN-1112.

Requisite Courses: Placement test, or FREN-1102(3), or the former FREN-1001(6) [prerequisite(s)]; FREN-1103L (lab) (must be taken concurrently).

FREN-1104 (3) Intermediate French 1 (3 hrs Lecture | 1 hrs Lab) This course is intended for students with a working knowledge of basic French. The focus is on the review of previously acquired grammatical and syntactical skills, and on the acquisition of new skills (e.g. past and compound tenses, conjunctions and expression of cause and effect). Lexical skills are targeted through reading activities (e.g. newspaper articles, poems, short stories). Writing tasks include compositions. The weekly one-hour lab (*travaux pratiques*) is dedicated to developing greater ease with using vocabulary, morphology, and syntax.

Restrictions: Students may not hold credit for this course and FREN-1111 | FREN-1112.

Requisite Courses: Placement test or FREN-1103(3) [prerequisite(s)]; FREN-1104L (lab) (must be taken concurrently).

FREN-2105 (3) Intermediate French 2 (3 hrs Lecture | 1 hrs Lab) This course is intended for students with a working knowledge of intermediate French wishing to undertake a program in French Studies (literature or linguistics), or to improve their written French for other disciplines. The focus is on perfecting grammatical and syntactical skills (e.g. direct and indirect speech, the passive, and complex sentences) through short writing activities. The weekly one-hour lab (*travaux pratiques*) is dedicated to developing greater ease with using vocabulary, morphology, and syntax.

Requisite Courses: Placement test, or FREN-1104, or the former FREN-1111, or the former FREN-1112 [prerequisite(s)]; FREN-2105L (lab) (must be taken concurrently).

FREN-2110 (3) Composition and Grammar (3 hrs Lecture | 1 hrs Lab) This course is designed to improve students' written and grammatical command of French. Major modes are introduced (descriptive, narrative, and argumentative), with the grammatical tools required in the writing and editing process (e.g. complex sentences, conjunctions, adverbs, spelling). Model texts are presented and assignments focus on writing in a variety of genres (e.g. descriptions, narratives, summaries, reviews). Activities consist of writing sentences, paragraphs and essays, while practicing French syntax. The weekly one-hour lab (*travaux pratiques*) is dedicated to language practice through games, debates, and thematic presentations aiming at vocabulary acquisition, and greater ease with morphology and syntax.

Requisite Courses: FREN-2105(3), or Placement test, or the former FREN-1111(6), or the former FREN-1112(6) or permission of the department [prerequisite(s)]; FREN-2110L (lab) (must be taken concurrently).

FREN-2114 (3) English-French Translation (3 hrs Lecture) 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.

Requisite Courses: FREN-2110; or placement test, or the former FREN-2109 or permission of the instructor [prerequisite(s)].

FREN-2115 (3) French-English Translation (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and FREN-2112.

Requisite Courses: FREN-2110(3), or placement test, or the former FREN-2109(3) or permission of the instructor [prerequisite(s)].

FREN-2116 (3) French for Business (3 hrs Lecture) 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. Extensive exercises in vocabulary, comprehension, business writing and correspondence are included.

Requisite Courses: FREN-2110, or placement test, or the former FREN-2109, or permission of the instructor [prerequisite(s)].

FREN-2180 (3) Introduction to French Literature (3 hrs Lecture) This course gives students the foundational skills required to read and write in French about literature. Students are introduced to the 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.

Restrictions: Students may not hold credit for this course and FREN-1381.

Requisite Courses: FREN-2105(3), or placement test, or the former FREN-1111(6), or the former FREN-1112(6) or permission of the instructor [prerequisite(s)].

FREN-2182 (3) Francophone Canadian Literature Before the 1960s (3 hrs Lecture) This course examines the francophone literature of Canada from its modern origins at the end of the 19 century to the mid-20 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.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111, or the former FREN-1112, or permission of the instructor [prerequisite(s)].

FREN-2183 (3) Francophone Canadian Literature After 1960 (3 hrs Lecture) This course examines the francophone literature of Canada from the mid-twentieth century to the present day. Students examine works by authors from Acadia, Manitoba and Quebec, as well as by writers known as *les écrivains migrants*, with emphasis on the central role played by the novel and by the *Révolution tranquille* in the development of contemporary Canadian francophone literature. The course may include works of 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.

Requisite Courses: FREN-2105(3), or placement test, or the former FREN-1111(6), or the former FREN-1112(6) or permission of the instructor [prerequisite(s)].

FREN-2202 (3) Phonetics (3 hrs Lecture | 1 hrs Lab) This course presents the theory and practice of French phonetics and phonology. Theory covers the acoustics and physiology of speech, the International Phonetic Alphabet, the description of French vowels, consonants, articulation features (assimilation, liaison, etc.), and prosodic patterns (syllabation, rhythm, intonation, etc.). Practical applications include phonetic transcription, orthoepy (the relationship between pronunciation and orthography) and a lab program aiming at oral performance.

Cross-listed: LING-2301(3).

Restrictions: Students may not hold credit for this course and LING-2301.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1112, or permission of the instructor [prerequisite(s)]; FREN-2202L (lab) (must be taken concurrently).

FREN-2205 (3) Culture and Society in Contemporary France (3 hrs Lecture) This course examines major cultural and historical aspects of contemporary French society (e.g. the social system, the Fifth Republic, feminism, the role of Paris). The theoretical approach is comparative (e.g. Roland Barthes, Richard Hoggart, and E.T. Hall). Course material is presented through several media (e.g. songs, comics, film, political speeches). As they learn about diverse and iconic elements of French culture, students are given opportunities to develop their reading, speaking and writing skills.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111, or the former FREN-1112, or permission of the instructor [prerequisite(s)].

FREN-2207 (3) Society and Cultures in Quebec and in Francophone Manitoba after 1960 (3 hrs Lecture) This course offers an introduction to the cultures of Francophone Canada, with emphasis on the cultural

expression of the Francophone communities in Manitoba, as well as on that of Quebec. Students study cultural material such as journalistic articles, festivals, film, television, music, comics and advertising in historical, social and political context. The development of Francophone cultures in minority contexts is central to the course. Students examine changing representations of women, the formation and evolution of national consciousness in Quebec and questions about what it means to be Francophone or Quebecois in a diverse society.

Requisite Courses: FREN-2105 or the former FREN-1111(6) or the former FREN-1112(6) or placement test or permission of the instructor [prerequisite(s)].

FREN-2209 (3) Hors d'oeuvres: French Gastronomy and Literature (3 hrs Lecture) This course offers an overview of the history of French food and cuisine and its relationship to literature. Students read both literary food-related texts (e.g. Rabelais, Mme de Sévigné, Zola, Proust) and classic texts of French gastronomy (e.g. Taillevent, *le Ménagier de Paris*, Brillat-Savarin, Escoffier). Course materials include works of history and cultural geography, as well as podcasts and other audio-visual media. Students gain an understanding of the central role food and cuisine play in French society and culture as they improve their writing, listening and speaking skills.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: FREN-2105 or the former FREN-1111(6) or the former FREN-1112(6) or placement test or permission of the instructor [prerequisite(s)].

FREN-2383 (3) Introduction to Text Analysis (3 hrs Lecture) This course is designed to acquaint students with text analysis by introducing an array of methods to analyze and comment on literary texts of different genres and periods. Students learn to recognize, study and appreciate the elements of style and content. They also acquire practical skills through the presentation of *exposés* in oral and written forms.

Requisite Courses: FREN-2105, or placement test, or permission of the instructor [prerequisite(s)].

FREN-2384 (3) Literary Avant-Garde in French (1900-1950) (3 hrs Lecture) This course examines the concept of "avant-garde" in early twentieth century French literatures in Europe, the Antilles and Canada. We analyze texts from the Manifeste Dada (1918) through André Breton's Manifeste du surréalisme (1924) and Aimé Césaire's poetry to the Refus Global (1948) in Quebec. The course focuses on literary and cultural comparisons. It investigates various aspects of Modernism, such as aesthetic autonomy and the relationship between art and politics. The course works across genres and national literatures. Students learn about modernist movements and contexts: dada, futurism, surrealism, expressionism, theatre of the absurd and the négritude movement.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2385 (3) Twentieth Century French Writers and Thinkers (3 hrs Lecture) French works from the '50s to the present day are studied in this course. Major literary trends and movements - existentialism, *le nouveau roman* and postmodernism - are analysed in fiction, poetry and essay by writers such as Sartre, Camus, Ponge and Yourcenar.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2481 (3) Nineteenth-Century French Prose (3 hrs Lecture) This course examines the development of prose 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.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2482 (3) Nineteenth-Century French Poetry and Drama (3 hrs Lecture) 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, parnassian, and symbolist schools (e.g. Desbordes-Valmore, Gautier, Baudelaire). Students will be introduced to basic techniques of textual appreciation and commentary.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111(6), or the former FREN-1112(6), or permission of the instructor [prerequisite(s)].

FREN-2609 (3) Decolonizing Voice: Francophone Indigenous Literature (3 hrs Lecture) This course examines the responses of Indigenous writers and artists (through novels, poems, plays and movies) to colonial structures and colonial discourse in Canada. All works are read in French. Indigenous guests are invited to the class and the students are asked to attend events in the Indigenous community as part of their course requirement. Students finish the course with a good understanding of Canada's historic relationship with Indigenous Canadians and how Canadians and how colonialism still affects present relationships.

Restrictions: Students may not hold credit for this course and FREN-3609.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1111, or the former FREN-1112, or permission of the instructor [prerequisite(s)].

FREN-3111 (6) Comparative Stylistics and Translation (3 hrs Lecture) In this course, French is studied by being contrasted with English in a comparative lexicology and comparative grammar approach. Linguistic divergence is examined at 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 strategies (e.g. sentence segmentation into translation units, modulation, grammatical transposition). Translation strategies are explored so as to address the distinctive lexical, grammatical, syntactic, and pragmatic features of each language.

Cross-listed: LING-3311(6).

Restrictions: Students may not hold credit for this course and LING-3311.

Requisite Courses: 6 credit hours in 2000-level French Studies courses, including 3 credit hours in 2000-level language or permission of the instructor [prerequisite(s)].

FREN-3202 (3) Géolinguistique française (French Geolinguistics) (3 hrs Lecture) This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America, major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).

Cross-listed: LING-3303(3).

Restrictions: Students may not hold credit for this course and FREN-4202 | LING-3303 | LING-4303.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics or permission of the instructor [prerequisite(s)].

FREN-3204 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.

Cross-listed: LING-3302(3).

Restrictions: Students may not hold credit for this course and LING-3302.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-3205 (3) Studies in Bilingualism (3 hrs Lecture) This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in

Franco-Manitoban and immersion school children). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Léveillé).

Cross-listed: FREN-4205(3), LING-3305(3) and LING-4305(3).

Restrictions: Students may not hold credit for this course and FREN-4205 | LING-3305 | LING-4305.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-3272 (3) Women's Writing in French (twentieth and Twenty-First Centuries) (3 hrs Lecture) This course explores women's writing in French in the twentieth and twenty-first centuries. By reading Colette, de Beauvoir, Sarraute, Darrieussecq, Dupré and Djébar, alongside critical texts (Perrot, Butler, Braidotti), students examine how women's lives and writing have changed across a century and a half. How do stories shape our understanding of gender roles? How do they reveal stereotypes about femininity, masculinity, gender, sexuality and ethnicity? We reflect on the role of women's writing in reshaping sexual and racial identities, and how the representation of gendered and racialized experiences in women's literature challenge the patriarchal/colonial discourses.

Requisite Courses: 6 credit-hours of 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3283 (3) Life-Narratives in French Literature (3 hrs Lecture) In 20 and 21 century literature from Proust and Colette to Annie Ernaux and Le Clézio, the representation of the self has undergone several transformations in form, content and generic boundaries. The course studies different genres: autobiography, autofiction and memoir. Students explore the meanings of these texts and what they conceal about Modernity and our contemporary age.

Cross-listed: FREN-4283(3).

Restrictions: Students may not hold credit for this course and FREN-4283.

Requisite Courses: 6 credit-hours of 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3301 (3) History of the French Language (3 hrs Lecture) 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.

Requisite Courses: 6 credit hours in 2000-level French Studies courses or permission of the instructor [prerequisite(s)].

FREN-3481 (3) Nineteenth-Century Literature and Philosophy (3 hrs Seminar/Discussion) The course invites

students to reflect upon the contributions of French literature to ethics and metaphysics and to the circulation of ideas. Nineteenth-century writers openly tackling philosophical and scientific issues lead us to better understand the narrative construction of ideas and concepts in relation to forms of thought in the human experience. Thus, fiction and poetic speculation stand beside prolific nineteenth-century European philosophers (Kant, Hegel, Nietzsche), prompting students to reflect on the cultures and knowledge of our times through various theoretical lenses. The FREN-4483 students are assigned additional theoretical articles compared to the FREN-3481 students.

Restrictions: Students may not hold credit for this course and FREN-4483.

Requisite Courses: 6 credit hours of 2000-level French Studies literature courses [prerequisite(s)].

FREN-3482 (3) River Landscapes in

Nineteenth-Century French Literature (3 hrs Lecture)

The course invites students to reconsider the significance of rivers in the human experience through their depiction in nineteenth-century French literature. By integrating fluvial landscapes (natural or urban) into their works, novelists, poets and playwrights openly tackle social, cultural, ethical, metaphysical and psychological issues, giving us a better understanding of the narrative, poetic, and dramatic construction of values, of notions such as "landscape" and "melancholia", and more generally, of human existence. The goal is to prompt students to reflect upon the intricate yet tense relationship between text and reality in the art of depiction.

Requisite Courses: 6 credit hours of 2000 level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3580 (3) Littérature du XVIIIe siècle: Le siècle des Lumières (3 hrs Lecture) 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 vary from year to year, this course may include works by major authors such as Montesquieu, Prévost, Madame de Tencin, Françoise de Graffigny and Voltaire. Students also investigate trends such as *la crise de conscience européenne, le mythe du Sauvage, "Lumières" et Raison, and l'Encyclopédie*. Attention is given to relationships between literature and the arts.

Cross-listed: FREN-4580(3).

Restrictions: Students may not hold credit for this course and FREN-4580.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3581 (3) Littérature du XVIIIe siècle: Lumières et Révolution (3 hrs Lecture) 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 and le préromantisme*.

Cross-listed: FREN-4581(3).

Restrictions: Students may not hold credit for this course and FREN-4581.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3680 (3) Littérature du XVIIe siècle: Le Baroque

(3 hrs Lecture) 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*.

Cross-listed: FREN-4680(3).

Restrictions: Students may not hold credit for this course and FREN-4680.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3681 (3) Littérature du XVIIe siècle: Le

Classicisme (3 hrs Lecture) 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*.

Cross-listed: FREN-4681(3).

Restrictions: Students may not hold credit for this course and FREN-4681.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3953 (3) The Contemporary Francophone Novel of Canada

(3 hrs Lecture) In this course, students study a selection of contemporary Canadian francophone novels. The chosen texts represent major literary trends since 1960, and they vary in structure as well as the social, cultural and political questions they raise. Topics may include the uniquely Canadian narrative of Gabrielle Roy, Antonine Maillet's Acadian perspective, Marie-Claire Blais' revolutionary examination of the traditional Quebecois family, Réjean Ducharme's imagining of children's experiences, the dark worlds created by Gaétan Soucy, the feminist thought of Nancy Huston, and Ying Chen's take on the experience of immigration. Frequent discussions take a *table ronde* format.

Cross-listed: FREN-4953(3).

Restrictions: Students may not hold credit for this course and FREN-4953.

Requisite Courses: 6 credit-hours in 2000-level French

Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-3954 (3) Littérature du «je» au Canada (3 hrs Lecture) This course offers a critical study of first-person literature in Canada, including Manitoba. Texts may include autobiographies, autofiction, memoirs, diaries, and letters. Students study the works of authors such as Gabrielle Roy, France Theoret, Nelly Arcan, Denise Bombardier, Claire Martin, and Gerald Leblanc from a literary perspective, with a focus on how their texts communicate a personal point of view. Students analyze the ways authors present their experiences with a concentration on the different forms personal writing can take, and what these forms suggest about the social and historical contexts in which first-person literature is produced in Canada.

Cross-listed: FREN-4954(3).

Restrictions: Students may not hold credit for this course and FREN-4954.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

FREN-4021 (3) Tutorial (3 hrs Tutorial) 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.

Note: Permission of the instructor is required to register.

Restrictions: Honours Form Required. Instructor Permission Required.

FREN-4115 (3) Literary and Intersemiotic Translation (3 hrs Lecture) This Honours course examines theoretical and practical issues in literary translation. It deals mainly with aspects of literary translation relating to genres (e.g., novel, drama), style (e.g., metaphors), metalinguistics (e.g., cultural elucidation) and theoretical issues (e.g. interpretation). The principal focus is on interlingual translation (from French to English and English to French). Secondly, intersemiotic translation is discussed, and examples of intermedial transpositions are analyzed (e.g. novel to film; play to opera; poem to painting), Coursework includes comparisons of translations and intermedial transpositions, reviews of theoretical works (e.g. A. Berman, U. Eco), and translation assignments in the student's preferred language(s). The course is taught in French.

Restrictions: Honours Form Required.

Requisite Courses: 3 credit hours in French literature [prerequisite(s)]; and 3 credit hours in 3000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-4200 (3) Language and Style (3 hrs Lecture) The first focus of this course is on French Lexicology (e.g. word formation, neologisms), and the interaction between lexis, semantics (e.g. semantic fields) and syntax (e.g. idioms). The second focus is on the relation between language and style in various French texts (e.g. essays, speeches), explored for their stylistic variation and discursive features (e.g. foregrounding, rhythm). Class work investigates French vocabulary and dictionary

presentations of linguistic variation (usage labels of time, place and style). Course work includes compositions that develop lexical and rhetorical cohesion when writing in French, and a research paper on an individual linguistic topic.

Cross-listed: LING-4300(3).

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics or permission of the instructor [prerequisite(s)].

FREN-4202 (3) Géolinguistique Française (french Geolinguistics) (3 hrs Lecture) This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America, major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).

Cross-listed: LING-4303(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3202 | LING-3303 | LING-4303.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-4205 (3) Studies in Bilingualism (3 hrs Lecture) This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Léveillé).

Cross-listed: FREN-3205(3), LING-3305(3) and LING-4305(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3205 | LING-3305 | LING-4305.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

FREN-4206 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304,

additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.

Cross-listed: LING-4304(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4112 | LING-4302 | LING-4304.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics or permission of the instructor [prerequisite(s)].

FREN-4283 (3) Life-Narratives in French Literature (3 hrs Lecture) In twentieth and twenty-first century literature from Proust and Colette to Annie Ernaux and Le Clézio, the representation of the self has undergone several transformations in form, content and generic boundaries. The course studies different genres: autobiography, autofiction and memoir. Students explore the meanings of these texts and what they conceal about Modernity and our contemporary age.

Cross-listed: FREN-3283(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3283.

Requisite Courses: 6 credit hours in 2000-level French Studies courses and permission of the Honours advisor or instructor [prerequisite(s)].

FREN-4284 (3) Modern and Contemporary Literature and Photography (3 hrs Lecture) This course studies the text-image relation, mainly the role of photography in literature, as well as various genres where visual image is essential. The course includes literary analysis by authors such as Roland Barthes, Hervé Guibert and Patrick Modiano.

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3284.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses and permission of the Honours advisor [prerequisite(s)].

FREN-4385 (3) Transculturalism in Literatures of Europe and the Americas (3 hrs Seminar/Discussion)

The last decades have seen a significant increase in transcultural studies, ranging from culture anthropology, political philosophy to literary studies. This course explores principal tenets of transculturalism (Bouchard, Imbert, Welsch) and studies Francophone writers from Europe and the Americas (Le Clézio, Nothomb, Robin, Laferrière) who showcase literature's potential of engaging aspects of transcultural paradigms: self-other, belonging-exclusion, pure-hybrid, here-there. By studying potential paths towards a theory of transcultural literary interpretation, students learn to avoid worshipping binary pairs such as particularism and universalism, diversity and homogenization, nationalism and cosmopolitanism.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours of French Studies literature courses at the 2000-level or permission of the instructor [prerequisite(s)].

FREN-4483 (3) Nineteenth-Century Literature & Philosophy (3 hrs Seminar/Discussion) The course invites students to reflect upon the contributions of French

literature to ethics and metaphysics and to the circulation of ideas. Nineteenth-century writers openly tackling philosophical and scientific issues lead us to better understand the narrative construction of ideas and concepts in relation to forms of thought in the human experience. Thus, fiction and poetic speculation stand beside prolific nineteenth-century European philosophers (Kant, Hegel, Nietzsche), prompting students to reflect on the cultures and knowledge of our times through various theoretical lenses. The FREN-4483 students are assigned additional theoretical articles compared to the FREN-3481 students.

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3481.

Requisite Courses: 6 credit hours of 2000-level French Studies literature courses [prerequisite(s)].

FREN-4580 (3) Littérature du XVIIIe siècle: Le siècle des Lumières (3 hrs Lecture) 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 vary from year to year, this course may include works by major authors such as Montesquieu, Prévost, Madame de Tencin, Françoise de Graffigny and Voltaire. Students also investigate trends such as *la crise de conscience européenne*, *le mythe du Sauvage*, *"Lumières" et Raison*, and *l'Encyclopédie*. Attention is given to relationships between literature and the arts. Students will also attend a weekly 75-minute seminar.

Cross-listed: FREN-3580(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3580.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses and permission of the Honours advisor [prerequisite(s)].

FREN-4581 (3) Littérature du XVIIIe siècle: Lumières et Révolution (3 hrs Lecture) 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, Meaumarais, 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* and *le préromantisme*.

Cross-listed: FREN-3581(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3581.

Requisite Courses: 6 credit hours of French Studies literature courses at the 2000-level and permission of the Honours advisor [prerequisite(s)].

FREN-4680 (3) Littérature du XVIIe siècle: Le Baroque (3 hrs Lecture) 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*.

Cross-listed: FREN-3680(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3680.

Requisite Courses: 6 credit hours of French Studies literature courses at the 2000-level and permission of the Honours advisor [prerequisite(s)].

FREN-4681 (3) Littérature du XVII^e siècle: Le

Classicisme (3 hrs Lecture) 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*.

Cross-listed: FREN-3681(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3681.

Requisite Courses: 6 credit hours of French Studies literature courses at the 2000-level and permission of the Honours advisor [prerequisite(s)].

FREN-4748 (3) Le Théâtre Classique (3 hrs Lecture | Seminar/Discussion) This course investigates some of the changing concepts of tragedy and comedy in seventeenth-century and eighteenth-century French drama. Plays by the famous dramatists such as Molière, Racine, Marivaux, Voltaire and Beaumarchais are examined in light of major texts on the aesthetics of theatre, written by theorists such as Aristotle, Corneille, l'abbé d'Aubignac and Diderot. Class discussion includes a *table ronde* format.

Restrictions: Honours Form Required.

FREN-4760 (3) Poetry Works in Nineteenth-Century

France (3 hrs Lecture) This course offers a study of selected nineteenth-century poets in the context of a review of the history and the evolution of French poetics and literary schools. Lectures explore the romantic, parnassian, and symbolist movements. Students study works by poets such as Hugo, Desbordes-Valmore, Vigny, Lamartine, Gautier, Baudelaire, Siefert, Verlaine, Krysinka, and Mallarmé. From both the historical and the aesthetic perspectives, the centrality of Baudelaire's *Fleurs du mal* will be emphasized.

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4481.

Requisite Courses: 6 credit hours of French Studies Literature courses at the 2000 level and permission of the Honours advisor or instructor [prerequisite(s)].

FREN-4953 (3) The Contemporary Francophone Novel

of Canada (3 hrs Lecture) In this course, students study a selection of contemporary Canadian francophone novels. The chosen texts represent major literary trends since 1960, and they vary in structure as well as the social, cultural and political questions they raise. Topics may include the uniquely Canadian narrative of Gabrielle Roy,

Antonine Maillet's Acadian perspective, Marie-Claire Blais' revolutionary examination of the traditional Quebecois family, Réjean Ducharme's imagining of children's experiences, the dark worlds created by Gaétan Soucy, the feminist thought of Nancy Huston, and Ying Chen's take on the experience of immigration. Frequent discussions take a *table ronde* format.

Cross-listed: FREN-3953(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3953.

Requisite Courses: 6 credit-hours of French Studies literature courses at the 2000-level and permission of the Honours advisor or instructor [prerequisite(s)].

FREN-4954 (3) Littérature du «je» au Canada (3 hrs

Lecture) This course offers a critical study of first person literature in Canada, including Manitoba. Texts may include autobiographies, autofiction, memoirs, diaries, and letters. Students study the works of authors such as Gabrielle Roy, France Théoret, Nelly Arcan, Denise Bombardier, Claire Martin, and Gerald Leblanc from a literary perspective, with a focus on how their texts communicate a personal point of view. Students analyze the ways authors present their experiences with a concentration on the different forms personal writing can take, and what these forms suggest about the social and historical contexts in which first person literature is produced in Canada.

Cross-listed: FREN-3954(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3954.

Requisite Courses: 6 credit hours in 2000-level French Studies literature courses or permission of the instructor [prerequisite(s)].

GEOGRAPHY

GEOG-1105 (3) Challenges of a Changing World: An Introduction to Human Geography (3 hrs Lecture) This course introduces geography as a means of interpreting world issues and places human-environment relationships in the context of global change. Rotating topics include resource use, food and energy supply, population change and human health; the dimensions of global forces such as urbanization, postcolonialism, nationalism, and globalization; and the environmental effects of climate change, biodiversity loss, and sustainability. Through the study of these challenges of a changing world, subfields in human geography are introduced including population, environmental, urban, political, social and cultural geography. Students learn theoretical and practical application in these fields and may specialize in them in upper years.

Restrictions: Students may not hold credit for this course and GEOG-1101 | GEOG-1102 | GEOG-1103

GEOG-1205 (3) Science for a Dynamic World: An Introduction to Physical Geography (3 hrs Lecture | 3 hrs Lab) This course examines the processes that have shaped, and are shaping, our physical world. In particular, the course provides an introduction to fundamental concepts developed and applied in the important sub-fields of physical geography, including climatology, meteorology, geomorphology, hydrology, and geology. Labs emphasize the development of analytical skills and real-world applications.

Restrictions: Students may not receive credit for this course and GEOG-1200 | GEOG-1201 | GEOG-1202

Requisite Courses: GEOG-1205L (lab) (must be taken concurrently).

GEOG-1305 (3) Mapping in a Global World: An Introduction to Geomatics (3 hrs Lecture) This course introduces the fundamental concepts and emerging trends in geomatics, geospatial data science and statistical techniques for human, environmental, and socio-economic impacts. It provides an overview of the geospatial industry and introduction to cross-disciplinary tools and techniques for accessing, visualizing, and analyzing geospatial data (i.e., GPS, satellite imagery, UAV or drones, GIS, and Google Maps). Also, there will be discussions on the issues and foundations of modern digital cartography including map projections, mapping quantitative data, online maps, and the impact of maps on society.

GEOG-2204 (3) Human Impact on the Environment (3 hrs Lecture) 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 (3 hrs Lecture | 2 hrs Lab) 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.

Requisite Courses: GEOG 1205(3) or the former GEOG-1201(3) [prerequisite(s)]; GEOG-2207L (lab) (must be taken concurrently).

GEOG-2210 (3) Meteorology (3 hrs Lecture | 2 hrs Lab) 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.

Requisite Courses: GEOG 1205(3) or the former GEOG-1201(3) [prerequisite(s)]; GEOG-2210L (lab) (must be taken concurrently).

GEOG-2212 (3) Natural Hazards (3 hrs Lecture) 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.

Requisite Courses: GEOG-1205(3) or the former GEOG-1201(3) or the former GEOG-1202(3) or permission of instructor [prerequisite(s)].

GEOG-2213 (3) Introductory Soil Science (3 hrs Lecture | 2 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and GEOG-2203.

Requisite Courses: GEOG 1205(3), or the former GEOG-1201(3) and the former GEOG-1202(3) or permission of instructor [prerequisite(s)]; GEOG-2213L (lab) (must be taken concurrently).

GEOG-2214 (3) Soil-Vegetation Systems (3 hrs Lecture | 2 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and GEOG-2203.

Requisite Courses: GEOG-2213 [prerequisite(s)]; GEOG-2214L (lab) (must be taken concurrently).

GEOG-2215 (3) Mineralogy and Petrology (3 hrs Lecture | 2 hrs Lab) 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.

Requisite Courses: GEOG 1205(3) or the former GEOG-1202(3) or permission of instructor [prerequisite(s)]; GEOG-2215L (lab) (must be taken concurrently).

GEOG-2216 (3) Physical Geology (3 hrs Lecture | 2 hrs Lab) 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.

Requisite Courses: GEOG-2215 [prerequisite(s)]; GEOG-2216L (lab) (must be taken concurrently).

GEOG-2220 (3) Geomorphology (3 hrs Lecture | 2 hrs Lab) This course examines geomorphic processes driven by water, air, gravity and glaciers. Among the topics discussed are the factors which influence the stability and form of slopes, the characteristics of watersheds and stream networks, the transport of sediment in fluvial systems, and the depositional features produced by streams, glacial erosion and sedimentation. Labs emphasize analytic methods and quantitative analysis.

Restrictions: Students may not hold credit for this course and GEOG-2201 | GEOG-2211 | GEOG-2218 | GEOG-2219.

Requisite Courses: GEOG-1205 or permission of the instructor [prerequisite(s)]; GEOG-2220L (lab) (must be taken concurrently).

GEOG-2222 (3) Planetary Exploration (3 hrs Lecture) Does life exist beyond Earth? How did the solar system form? These are questions that drive the exploration of the solar system. This course provides a state-of-the-art look into planetary exploration. It is organized into four main components: (1) Are other bodies in the solar system habitable? (2) What do we currently know about the solar

system, its planets, and moons? (3) How do we explore the solar system? (4) Do the "building blocks" of life exist beyond Earth? Students look at the latest scientific discoveries and missions that are exploring our solar system and the uniqueness of the Earth.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: GEOG-1205 or GEOG-1202 or PHYS-1101 or PHYS-1301 or permission of instructor [prerequisite(s)].

GEOG-2304 (3) Introduction to Cartography (3 hrs Lecture | 2 hrs Lab) This course provides an introduction to the theory, practice, and methods of map making. 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 software packages.

Requisite Courses: GEOG-1105, or GEOG-1205, or GEOG-1305 or the former GEOG-1102 or GEOG-1103 or GEOG-1201 or GEOG-1202 or permission of the instructor [prerequisite(s)]; GEOG-2304L (lab) (must be taken concurrently).

GEOG-2306 (3) Introduction to Geographic Information Systems (3 hrs Lecture | 2 hrs Lab) This course provides a systematic overview of GIS methodology and theory covering the essential principles of data acquisition, input, storage, manipulation, and output. The laboratory component of this course provides hands-on experience using industry standard software.

Requisite Courses: GEOG-2304 or permission of the instructor [prerequisite(s)]; GEOG-2306L (lab) (must be taken concurrently).

GEOG-2309 (3) Statistical Techniques in Environmental Analysis (3 hrs Lecture | 1 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and GEOG-2310.

Requisite Courses: Any 3 credits of 1000 level Geography courses or permission of the instructor [prerequisite(s)]; GEOG-2309L (lab) (must be taken concurrently).

GEOG-2316 (3) Introduction to Remote Sensing (3 hrs Lecture | 2 hrs Lab) This course introduces the principles of remote sensing and image analysis with a focus on the physics, sensor technology, processing, interpretation and applications of remotely sensed imagery with a specific

emphasis on optical sensors and technologies.

Restrictions: Students may not hold credit for this course and GEOG-3304.

Requisite Courses: GEOG-2304 or permission of the instructor [prerequisite(s)]; GEOG-2316L (lab) (must be taken concurrently).

GEOG-2401 (3) Agricultural Geography (3 hrs Lecture)

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.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2408 (3) Environmental Perception and

Communication (3 hrs Lecture) This course focuses 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 are examined and related to varied behavioral responses within a spatial and environmental context. Topics in this course include perception of natural hazards (floods, droughts, frosts, hail, etc.); perception of natural resources and the management of natural resources; images of urban neighbourhoods, cities, metropolitan regions, provinces, countries, the world; mental maps; attitudes towards resource development and the implications for local, regional, and national planning.

Requisite Courses: GEOG-1105 or the former 1102 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2411 (3) Geography of Globalization (3 hrs

Lecture) This course engages with the evolution of capitalism, imperialism, and globalization from a critical geographical perspective. We examine the geographical impact of economic changes focusing on transnational corporations, the international division of labour, trading blocks, and the major inequalities of the world economy. Examples of major production and geographical shifts of production are considered to evaluate their social environmental impacts. The course also examines the geopolitical changes in the role of the state, social movements, and information "warfare".

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2412 (3) A Geographical Perspective on

Tourism (3 hrs Lecture) 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.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2414 (3) The Urban Environment (3 hrs Lecture)

Cities are challenged by the rapid acceleration of pollution, consumption of non-renewable resources and resulting waste, as well as biodiversity loss. In the coming decades nearly three quarters of the world population will be living in urban places underscoring the urgency for more sustainable and environmentally sensitive cities. This course examines the development of cities since the Industrial Revolution and the impact of urban structure and functions on the environment. Core urban design principles and a range of urban planning approaches are considered to shift urban areas towards sustainability.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2415 (3) An Introduction to Urban

Development (3 hrs Lecture) This course will examine the origins and evolution of cities, urban design, morphologic and townscape elements, and the economy and structure of urban systems.

Requisite Courses: GEOG-1105 or the former GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2416 (3) Sex, Gender, Space and Place (3 hrs

Lecture) This course examines, from interdisciplinary perspectives including those of Women's and Gender 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.

Cross-listed: ENV-2416(3) and WGS-2416(3).

Restrictions: Students may not hold credit for this course and ENV-2416 | WGS-2416.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103, or ENV-1600, WGS-1232 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2417 (3) An Introduction to Economic

Geography (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and GEOG-2409.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2419 (3) Sustainability: Resources, Policy and Activism in Canada (3 hrs Lecture) This course examines the dynamics of natural resource development in Canada. In doing so, students consider the governance of primary resources, including the economic, institutional and social systems which frame resource development. Political economy frames the analysis of current resource management laws and policies. This provides a foundation for critiquing competition in each sector, and mapping the varied interests of members of the policy community. Particular attention is paid to how different actors influence governance processes.

Requisite Courses: GEOG-1105 or GEOG-1102 or ENV-1600 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2425 (3) Introduction to Practice and Method in Human Geography (3 hrs Lecture | Lab) Human geographers employ a wide variety of methods and practices to analyze environmental patterns and explain spatial variations in human societies. This course introduces the foundations of conducting human geographical research in human geography. It surveys major theories and philosophies informing contemporary geographical thought and introduces practices and tools human geographers use to conduct and communicate research.

Requisite Courses: A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor or permission of the chair [prerequisite(s)]; GEOG-2425L (lab) (must be taken concurrently).

GEOG-2431 (3) Population Geography (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and GEOG-3401.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2440 (3) Environment and Culture (Lecture/Lab Combined with variable meeting hours) Nature is a key concept in geography, yet is notoriously difficult to define and has different meanings over time, place, and culture. This course introduces students to studies and concepts of nature utilized in environmental geography. Course units survey the history of geographical concepts of nature;

debates and themes in the study of human-environment relationships; alternative ways of knowing culture; and new frontiers of geographic environmental thought.

Requisite Courses: GEOG-1102 or GEOG-1103 or GEOG-1105 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-2503 (3) Manitoba's Physical and Human Environments (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and GEOG-2500.

Requisite Courses: A minimum of 3 credits of 1000-level Geography courses or permission of the instructor [prerequisite(s)].

GEOG-3204 (3) Climate Change and Variability (3 hrs Lecture) 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 Nino and La Nina), global warming, and climate forecasting.

Requisite Courses: GEOG-2207 or permission of the instructor [prerequisite(s)].

GEOG-3210 (3) Hydrology (3 hrs Lecture | 2 hrs Lab) 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 is offered in alternate years.

Restrictions: Students may not hold credit for this course and GEOG-4221.

Requisite Courses: GEOG-1205(3), or the former GEOG-1201(3) and GEOG-1202(3) or permission of instructor [prerequisite(s)]; GEOG-3210L (lab) (must be taken concurrently).

GEOG-3212 (3) Climate Change As Hazard: Causes, Consequences, Responses (3 hrs Lecture) This course explores hazards being exacerbated or created by climate change (e.g., heatwaves, floods, droughts, storms, glacial retreat, sea-level rise). It examines their causes and consequences, and assesses diverse response strategies. Students gain an understanding of the scientific, social, economic, and political dimensions of climate change hazards and become better equipped to contribute to

informed discussions, decision-making, and solution development.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: GEOG-2212 or permission of instructor [prerequisite(s)].

GEOG-3216 (3) Arctic Environments (3 hrs Lecture) 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.

Requisite Courses: GEOG 1205(3), or the former GEOG-1201(3) and GEOG-1202(3) or permission of instructor [prerequisite(s)].

GEOG-3218 (3) Global Biogeochemical Cycles (3 hrs Lecture) This course is an examination of global cycles of water and major elements, including carbon, nitrogen, phosphorus, and sulfur as expressed in atmospheric, terrestrial, ocean, and freshwater environments. Students learn about topics such as interactions between cycles and the Earth's climate; interactions between global and local processes; and impacts of human pressures such as land use change and pollution. These topics are explored using current scientific literature, lecture, group discussions, and class presentation.

Requisite Courses: GEOG 1205(3), or the former GEOG-1201(3) and GEOG-1202(3) or permission of instructor [prerequisite(s)].

GEOG-3219 (3) Quaternary Environments (3 hrs Lecture) 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.

Requisite Courses: Any second-year physical geography course or permission of the instructor [prerequisite(s)].

GEOG-3306 (3) Advanced Geographic Information Systems (3 hrs Lecture | 2 hrs Lab) This course deals with advanced theory and applications within GIS including 3D modeling, spatial analysis, geostatistical analysis, network analysis, and data creation, management and fusion with other data sources and types. Laboratory instruction provides the students with enhanced skills through exposure to the higher-level functions of industry standard GIS software.

Requisite Courses: GEOG-2306 or GEOG-3302 or permission of the instructor [prerequisite(s)]; GEOG-3306L (lab) (must be taken concurrently).

GEOG-3319 (3) Advanced Remote Sensing (3 hrs Lecture | 2 hrs Lab) This course provides instruction on advanced image processing and classification techniques.

These techniques are applied to the study of physical and human environments through a series of laboratory exercises and assignments. Students also gain exposure to RADAR and hyperspectral remote sensing including exposure to handheld imaging devices.

Requisite Courses: GEOG-2316 or permission of the instructor [prerequisite(s)]; GEOG-3319L (lab) (must be taken concurrently).

GEOG-3330 (3) Research Methods in Geography (3 hrs Lecture) This course introduces students to skills for conducting geographic research, and explores the uses, limitations, and methods associated with quantitative and qualitative analysis in human and physical geography. These skills are relevant for careers in academic and professional fields. Topics include primary data collection and analyses, questionnaire design and structured interviews, data assembly and interpretation, research design and ethics, and the presentation of research results. This course includes a significant practical element.

Requisite Courses: Any 9 credits at 1000 level geography courses and GEOG-2309 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3402 (3) Urbanization in the Developing World (3 hrs Lecture) The process of urbanization is now a developing, as opposed to a developed, world phenomenon. This course will explore the factors promoting urbanization in the developing world and discuss models of third world cities. The emphasis will be on problems facing the cities and the solutions that have been attempted. Specific topics will include urban growth and management, urban services, squatter settlements, the housing market, survival tactics of the urban poor, urban government, and the function of the city in the developing world.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or GEOG-2415 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3408 (3) Water Resources (3 hrs Lecture) 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.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3411 (3) Landscapes of Authenticity: Heritage, Tourism, and Conservation (3 hrs Seminar/Discussion) Heritage, tourism, and conservation lie at the centre of current debates around authenticity. Heritage refers to personal history, belonging, and tradition, yet is also a commodity used and traded by governments, interest groups, and the emerging 'heritage industries.' Travel is considered authentic and genuine while cultural tourism is treated with derision. In museums and archives, curators and archivists decide what is conserved and what is discarded or forgotten; how exhibits are arranged and

how they tell stories. Students in this course learn geographical approaches to these landscapes of authenticity and consider how the past is placed in the present.

Requisite Courses: A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3413 (3) Urban Revitalization: Rebuilding of Decaying Cities (3 hrs Lecture) 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.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3415 (3) Contested Spaces (3 hrs Seminar/Discussion) The 'new cultural geography' examines the constitution of power and ideology through space and place. This course considers a variety of these geographies including those of race, gender, nature, landscape, commodification, and capital, and examines representational practices such as photography, ethnography, mapping, and writing. Through weekly article discussion and problem-based learning exercises, students develop skills in critical analysis, interpretation, and communication.

Requisite Courses: A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3430 (3) Housing and the Neighbourhood (3 hrs Lecture) Housing is fundamental for the stability and security of our social, emotional, and economic lives. Students learn about concepts related to housing markets and the history of shelter. Topics include housing insecurity and homelessness, affordability and financialization, housing forms within the urban landscape, and residential mobility and neighbourhood change. Students explore the spatial implications of housing, and discuss and examine policy and program responses to housing-related issues by governments and community groups, with a focus on inner-city issues, the right to housing and housing activism.

Cross-listed: UIC-3430(3).

Restrictions: Students may not hold credit for this course and UIC-3430.

GEOG-3431 (3) Healthy Communities and Cities (3 hrs Lecture) The social, physical, and built environments of cities have profound effects on health and well-being of urban populations. Urban design influences patterns of

everyday mobility, opportunities for social interaction, access to green spaces, and availability of affordable food. This course explores the interlinkages of geography, public health, and urban planning. It considers the impact of multiple urban domains on public health and evaluates the necessity for comprehensive planning approaches to create healthy communities and cities. Emphasis is on health inequity within cities and urban design ideas and community-based planning that support mental and physical health.

Restrictions: Students may not hold credit for this course and GEOG-2418.

Requisite Courses: GEOG-2431(3) or the former GEOG-3401(3) or permission of the instructor [prerequisite(s)].

GEOG-3432 (3) Urban and Community Planning (3 hrs Lecture) Urban planning shapes the city spaces where we live, work, and play, and affects the well-being of all urban dwellers. Students critically examine planning history, theory, and practice in local context, with an emphasis on understanding values, power, and process. Students explore planning at city and neighbourhood scales through assignments, activities, and field trips that highlight current issues and planning strategies for equity and transformation. Topics may include community leadership and participation in planning, Indigenous urban planning, planning as social control, and planning for sustainable and equitable cities.

Cross-listed: UIC-3030(3).

Restrictions: Students may not hold credit for this course and UIC-3030.

Requisite Courses: UIC-1001 or UIC-2001 or GEOG-1103 or GEOG-1105 [prerequisite(s)].

GEOG-3435 (3) Urban Political Ecology I (3 hrs Seminar/Discussion) Political ecology offers a new way of looking at urban space by interweaving natural systems with social analyses of power. Seen through this lens, cities are dynamic spaces where non-human nature (water, plants, animals, minerals) interact with human social systems and ideas (race, gender, poverty, social justice, sustainability). Students explore selected topics and are introduced to research and methods in political ecology, urban environmental geography, and environmental history. Emphasis is placed on Canadian cities while global context is also considered.

Requisite Courses: GEOG-2440 or GEOG-2414 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3443 (3) Advanced Tourism and Recreation Geography (3 hrs Seminar/Discussion) This course is based on a selection of advanced readings on topics and problems dealing with recreational and tourism behavior, 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.

Restrictions: Students may not hold credit for this course and GEOG-4407 | GEOG-4443.

Requisite Courses: GEOG-2412(3) or GEOG-3411(3) or permission of the instructor [prerequisite(s)].

GEOG-3445 (3) Power, Knowledge, Geography (3 hrs Seminar/Discussion) This course examines the power of geographical ideas in shaping social values and understandings. Seminars focus on analyzing spatial formations of various historical and contemporary topics such as colonialism, nationalism, warfare, popular culture, science, racism, surveillance, the body, genocide, the climate crisis, and fundamentalism. Students are asked to consider how 'the production of space' accompanies and influences the production of knowledge, revealing connections between geography and power.

Restrictions: Students may not hold credit for this course and GEOG-4415 | GEOG-4445.

Requisite Courses: Any second-year systematic human geography (GEOG-24XX) or regional geography (GEOG-25XX) course or permission of the instructor [prerequisite(s)].

GEOG-3508 (3) Geographical Issues in the Developing World (3 hrs Lecture) 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.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3509 (3) Regional Geography of Canada (3 hrs Lecture) Students are introduced to 'regionalism' as a geographical interpretation of Canada. The country's main regions are examined, with emphasis on how the physical and human environments of each have interacted to give it a unique character. Theory and methodology in regional geography are also considered, focusing on the evolution of Canadian geographical thought.

Restrictions: Students may not hold credit for this course and GEOG-3501 (6).

Requisite Courses: A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3510 (3) Prairie Landscapes (3 hrs Lecture) This course focuses on issues and interpretations of the Canadian prairie region. Students consider the history and geography of the prairies, including the roles of Indigenous people and settler societies in creating human landscapes. Contemporary topics include modern agriculture, resource conflicts, social change, and the rural-urban divide.

Requisite Courses: A minimum of 3 credit hours of 1000-level Geography courses or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3511 (3) Topical Regions in Geography (3 hrs Lecture) This course is a systematic study of a topical world region from a geographic perspective. For the particular region selected for study, emphasis is placed on historical, political, socio-economic, cultural, demographic, and urban-rural development aspects as appropriate. The

region of study will vary from year to year, with particular attention paid to regions currently or recently dominating world events.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-3512 (3) The Human Geography of Northern Canada (3 hrs Lecture) This course investigates contemporary issues in Canada's arctic and subarctic regions, focusing on the three territories: Yukon, Northwest Territories, and Nunavut. This region continues to be subjected to a variety of changes in the political, social and economic landscapes. The purpose of this course is to provide students insight into how these changes impact the human geography of northern Canada. Special attention is paid to ongoing and newsworthy issues. This course fulfills the Indigenous Requirement.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103 or permission of the instructor or permission of the chair [prerequisite(s)].

GEOG-4203 (3) Topics in Climatology (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-2207, or the former GEOG-2205, or the former GEOG-2206, or permission of the instructor [prerequisite(s)].

GEOG-4212 (3) Topics in Earth Sciences (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: 6 credits hours from GEOG-2215, GEOG-2216, GEOG-2218, or GEOG-2219 or the former GEOG-2201 or the former GEOG-2202 [prerequisite(s)].

GEOG-4215 (3) Projects in Earth Science (3 hrs Seminar/Discussion) This course discusses state-of-the-art geomatics techniques that can be applied to understanding and monitoring the Earth's surface environment, as well as other planetary surfaces. These include techniques for monitoring water quality, vegetation health, greenhouse gases, and planetary surface mapping. Lectures are supplemented by individual research projects that apply geomatics concepts to particular aspects of terrestrial and planetary monitoring.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: GEOG-1205(3) or the former GEOG-1201(3) and GEOG-1202(3); or GEOG-2215(3) or

GEOG-2316(3) or GEOG-3319(3) [prerequisite(s)].

GEOG-4219 (3) Physical Geography Seminar (3 hrs Seminar/Discussion) This course integrates aspects of physical geography and examines contemporary concepts and issues in earth science, atmospheric science, and biogeography. Research topics vary to suit the interests of the students and the expertise of the instructor.

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours in Physical Geography at or above the 2000 level [prerequisite(s)].

GEOG-4320 (3) Projects in Geomatics (3 hrs Lecture)

Students work in small groups to develop geomatics applications addressing selected planning, environmental management or research problems. Emphasis is on conceptual design of the selected application and implementation of a prototype solution using GIS and remote sensing approaches to problem solving. Students undertake team projects solicited from a number of external organizations through a team approach. Practical aspects of GIS project management such as team building, production of work plans and schedules, and the writing and presenting of final reports are introduced through this approach. Final results are presented in both oral and written reports.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-3306(3) and GEOG-3319(3), or GEOG-4321(3) or GEOG-4322(3) or permission of the instructor [prerequisite(s)].

GEOG-4321 (3) Topics in Geomatics I (3 hrs Lecture)

This course provides a synthesis of the current developments within the field and study of geomatics as it relates to hyperspectral remote sensing. Particular attention is given to applications that have a focus on physical and urban systems. Additional topics are integrated where appropriate. Students are required to select an area of interest and lead class discussions based on their selection.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-3306(3) and GEOG-3319(3), or GEOG-4320(3) or GEOG-4322(3) or permission of the instructor [prerequisite(s)].

GEOG-4322 (3) Topics in Geomatics II (3 hrs Lecture)

This course provides a synthesis of the current developments within the field and study of geomatics with a focus on synthetic aperture radar for physical and urban systems. Additional topics within this course include LIDAR mapping, GPS surveying and advanced spatial analysis. Students are required to select an area of interest and lead class discussions based on their selection.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-3306(3) and GEOG-3319(3), or GEOG-4320(3) or GEOG-4321(3) or permission of the instructor [prerequisite(s)].

GEOG-4403 (3) Urban Land Use Developmental

Processes (3 hrs Seminar/Discussion) This course investigates the processes by which urban development occurs (land use planning, urban governance, housing, industrial, etc.) with a critical appraisal of resulting urban

form. Relevant urban theories are examined through the critical lenses of their urban form and development. Two major foci of the course are on how to make a local community (neighbourhood planning) and the design of social and public spaces as a means to develop a sustainable and healthy city.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-2414 or GEOG-2415 [prerequisite(s)].

GEOG-4404 (3) Field Research in Urban Geography (3

hrs Field Study | 3 hrs Seminar/Discussion) 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).

Restrictions: Honours Form Required.

Requisite Courses: GEOG-2414 or GEOG-2415 [prerequisite(s)].

GEOG-4409 (3) Architecture and City Planning (3 hrs

Lecture) This course explores the relationship between architecture and the city form, functions and planning in the social and historical context of the 20th century. Planning theory and practice is 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 (Art Nouveau, Bauhaus, International Style) and the cultural avant-garde trends (Futurism, Surrealism, Situationism), and their relationship to and impact on city planning are surveyed.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-2414 or GEOG-2415, or the former GEOG-2406 or permission of the instructor [prerequisite(s)].

GEOG-4441 (3) Advanced Studies in Environmental

Perception (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: GEOG-2408 [prerequisite(s)].

GEOG-4443 (3) Advanced Tourism and Recreation

Geography (3 hrs Seminar/Discussion) This course is based on a selection of advanced readings on topics and problems dealing with recreational and tourism behavior, 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. Additional in-depth work is required to receive credit at the 4000-level.

Restrictions: Students may not hold credit for this course

and GEOG-3443 | GEOG-4407.

Requisite Courses: GEOG-2412(3) or GEOG-3411(3) or permission of the instructor [prerequisite(s)].

GEOG-4445 (3) Power, Knowledge, Geography (3 hrs Seminar/Discussion) This course examines the power of geographical ideas in shaping social values and understandings. Seminars focus on analyzing spatial formations of various historical and contemporary topics such as colonialism, nationalism, warfare, popular culture, science, racism, surveillance, the body, genocide, the climate crisis, and fundamentalism. Students are asked to consider how 'the production of space' accompanies and influences the production of knowledge, revealing connections between geography and power. Additional in-depth work is required to receive credit at the 4000-level.

Restrictions: Students may not hold credit for this course and GEOG-3445 | GEOG-4415.

Requisite Courses: Any second-year systematic human geography (GEOG-24XX) or regional geography (GEOG-25XX) course or permission of the instructor [prerequisite(s)].

GEOG-4450 (3) Geographic Perspectives on Environment and Sustainability (3 hrs

Seminar/Discussion) This course considers geographic and environmental approaches to sustainable staple-based development. Topics include conceptual and methodological tools and frameworks associated with resource management, including impact assessment, meaningful engagement, community-based management, corporate social responsibility, post approval practices and adaptive management. In critiquing current practices, students reflect on innovations designed to move towards more sustainable development. This course may be held concurrent with GDP/ GEOG 7750. Student evaluation will differ depending on the level.

Cross-listed: ENV-4450(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ENV-4450, GEOG-7750, and GDP-7750.

Requisite Courses: 18 credit hours in Geography or 18 credit hours in Environmental Studies and Sciences [prerequisite(s)].

GEOG-4701 (3) Directed Readings in Human

Geography (3 hrs Directed Reading) 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.

Restrictions: Department Permission Required.

GEOG-4702 (3) Directed Readings in Physical

Geography (3 hrs Directed Reading) 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.

Restrictions: Department Permission Required.

GEOG-4703 (3) Directed Readings in Geomatics (3 hrs

Lecture) This course exposes students to contemporary and topical issues of geomatics through authoritative readings compiled by the instructor. Students are required to produce a short essay on a topic agreed upon by the instructor and the student.

Restrictions: Instructor Permission Required. Department Permission Required.

GEOG-4801 (3) Geography Field Seminar (30 hrs Field

Study | 3 hrs Seminar/Discussion) This course deals with the practical methodologies and problems associated with field research. Students are introduced to the necessary skills required for the acquisition, analyses, and presentation of primary field data. In addition to oral and written presentations of their research, students are required to participate in an intensive 10 day field camp at an off-campus venue prior to the start of the Fall Term lectures. Students should consult with the Chair of the Geography Department regarding the availability of this course and the location of field camp.

Restrictions: Instructor Permission Required. Honours Form Required.

Requisite Courses: GEOG-3330 and permission of the instructor [prerequisite(s)].

GEOG-4901 (6) Honours Geography Thesis (3 hrs

Project / Thesis) 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 meet with a faculty supervisor on a regular schedule throughout the academic year. Presentation of their research results verbally and in thesis form to the Geography Department is an integral part of the course.

Restrictions: Honours Form Required. Department Permission Required.

Requisite Courses: GEOG-3330, 36 credit hours in Geography, a Geography GPA of at least 3.0, and permission of the Department Chair [prerequisite(s)].

GERMAN STUDIES

GERM-1001 (6) Introductory German (3 hrs Lecture | 1 hrs Lab) 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. Weekly oral practice classes and computer exercises supplement the course in order to give the student additional practice in the practical applications of the language.

Note: Students who have AP German Language, the IB in German, or the DSD II (Deutsches Sprachdiplom II) may apply for 6 transfer credits for GERM-1001 in lieu of taking the course. Students who speak German fluently should consult with the German Studies advisor before enrolling in this course.

Requisite Courses: GERM-1001L (lab) (must be taken concurrently).

GERM-2101 (3) Studies in German Culture I (3 hrs Lecture) 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, including developments in art, architecture, music, and the social/political background. Writings 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: HIST-2323(3), GERM-3101(3).

Restrictions: Students may not hold credit for this course and GERM-3101 | HIST-2323.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

GERM-2102 (3) Studies in German Culture II (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present, including developments in art, architecture, music, and the social/political background. Writings 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: HIST-2324(3).

Restrictions: Students may not hold credit for this course and GERM-3102 | HIST-2324.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

GERM-2109 (3) Intermediate German (3 hrs Lecture | 1 hrs Lab) In this course, students review grammar essentials, expand their vocabulary, and improve their oral and written communication skills while becoming more familiar with the culture of the German speaking world. Weekly oral practice classes supplement the course in order to boost speaking and listening skills.

Restrictions: Students may not hold credit for this course and GERM-2001.

Requisite Courses: GERM-1001 or equivalent or permission of the instructor [prerequisite(s)]; GERM-2109L (lab) (must be taken concurrently).

GERM-2110 (3) Advanced German (3 hrs Lecture | 1 hrs Lab) In this course, students expand their vocabulary and put their grammatical knowledge into use for reading and writing about the culture of the German-speaking world. In this context, they practice complex grammatical structures such as adjective endings, the passive voice, and the indirect discourse subjunctive. Weekly oral practice classes supplement the course in order to maintain speaking and listening skills.

Restrictions: Students may not hold credit for this course and GERM-2001.

Requisite Courses: GERM-1001 or equivalent or permission of the instructor [prerequisite(s)]; GERM-2110L (lab) (must be taken concurrently).

GERM-2115 (3) German-English Translation (3 hrs Lecture) This course introduces the principles of written translation from German into English. Students translate short authentic German-language texts from a variety of sources including newspapers, magazines, and literature. Practical exercises focus on translation difficulties relating to English vocabulary, grammar, and style. Students can expect to improve their knowledge of German grammar, vocabulary and syntax.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

GERM-2202 (3) German Phonetics (3 hrs Lecture) This course presents the theory and practice of German phonetics and phonology, its practical applications (e.g., the use of pronunciation dictionaries), and material realizations in standard German. Some areas of theory covered include the physiology of speech, the International Phonetic Alphabet, as it relates to German, and phonetic transcription. Emphasis is placed on the relationship between pronunciation and orthography and on correcting the student's oral performance in German, including a study of intonation patterns in German.

Cross-listed: LING-2401(3).

Restrictions: Students may not hold credit for this course and LING-2401.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

GERM-2209 (3) Introduction to German Literature (3 hrs Lecture) This survey of representative poems, short stories, and dramatic texts introduces students to significant authors of German literature since the 18th 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.

Restrictions: Students may not hold credit for this course and GERM-2207.

Requisite Courses: GERM-2110 or the former GERM-2001 [prerequisite(s)].

GERM-2331 (3) History of Modern Germany (3 hrs Lecture) 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 I, the Weimar Republic, Hitler and National Socialism, World War II and the Holocaust, the two Germanys 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: HIST-2331(3).

Restrictions: Students may not hold credit for this course and HIST-2331.

GERM-2386 (3) German Culture Through Film (3 hrs Lecture) This course uses German feature films to help students develop their language skills and learn about the culture and history of German-speaking Europe since the 1920s. With the support of subtitles or captioning, guided exercises, and interpretive discussions, students develop their listening, speaking, reading, and writing skills while becoming more familiar with German experiences in the twentieth and twenty-first centuries. Some attention is given to German film terminology and the analysis of scenes. The course includes notable films by such directors as Joseph von Sternberg, Rainer Werner Fassbinder, Volker Schlöndorff, and Fatih Akin.
Requisite Courses: GERM-2109 or GERM-2110 or the former GERM-2001 [prerequisite(s)].

GERM-2560 (3) Migrants, Ethnicity, and Conflict in Twentieth Century German-Canadian History (3 hrs Lecture) This course surveys the history of German immigrants and their descendants in Canada. It focuses on the crises and conflicts of the twentieth century, in particular German Canadians' responses to the two world wars, their experiences of the Great Depression, and the effects of German mass immigration during the post-World War II economic boom.

Cross-listed: GERM 2560

GERM-3101 (3) Studies in German Culture I (3 hrs Lecture) 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, including developments in art, architecture, music, and the social/political background. Writings by authors such as Luther, Grimmelshausen, Kant, Lessing, and Goethe will allow for discussion of themes and issues in the context of their times. Students in GERM-3101 can expect longer and/or more in-depth assignments than students in GERM-2101.

Cross-listed: GERM-2101(3) and HIST-2323(3).

Restrictions: Students may not hold credit for this course and GERM-2101 | HIST-2323.

Requisite Courses: GERM-2109 or GERM-2110 and any 3-credit hour course in 2000-level German Studies [prerequisite(s)].

GERM-3102 (3) Studies in German Culture II (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present, including developments in art, architecture, music, and the

social/political background. 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. Students in GERM-3102 can expect longer and/or more in-depth assignments than students in GERM-2102.

Cross-listed: HIST-2324(3), GERM-2102(3).

Restrictions: Students may not hold credit for this course and GERM-2102 | HIST-2324.

Requisite Courses: GERM-2109 or GERM-2110 and any 3-credit hour course in 2000-level German Studies [prerequisite(s)].

GERM-3103 (6) The German-Canadian Presence in Canadian History (3 hrs Lecture) This 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.

Note: Please see the Department of History for a specific course description.

Cross-listed: HIST-3560(6).

Restrictions: Students may not hold credit for this course and HIST-3560 | HIST-3561.

GERM-3113 (3) Exploring Language and Society Through Texts (3 hrs Lecture) In this course students examine current events, social issues, and politics in the contemporary German-speaking world through the analysis and discussion of media sources. The course offers extensive reading practice and is designed for students who wish to improve their oral and written proficiency in German. Emphasis is placed on the acquisition of specialized vocabulary. Course work includes written compositions, oral presentations, debates, and discussions.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credit German Studies course at the 2000 level except GERM-2001 [prerequisite(s)].

GERM-3401 (3) Business German (3 hrs Lecture) 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.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credits German Studies course at the 2000 level [prerequisite(s)].

GERM-3403 (3) German Lexicology (3 hrs Lecture) 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. Course work emphasizes practical strategies for vocabulary enrichment and mastery.

Cross-listed: LING-3401(3).

Restrictions: Students may not hold credit for this course and LING-3401.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credit hours in 2000-level German Studies course except GERM-2001(6) [prerequisite(s)].

GERM-3404 (3) History of the German Language (3 hrs Lecture) 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.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credit hours in 2000-level German Studies [prerequisite(s)].

GERM-3561 (3) German-Canadian Identity - Historical Perspectives (3 hrs Lecture) 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.

Note: A knowledge of German is not required.

Cross-listed: HIST-3561(3).

Restrictions: Students may not hold credit for this course and HIST-3560 | HIST-3561.

GERM-3858 (3) The Acquisition of German as an Additional Language (3 hrs Lecture) In this course students explore the learning and teaching of German as an additional language. Students learn about the process of language acquisition based on the example of German and their own language learning. Students examine how this knowledge can be used for teaching German as an additional language. Topics might include child language acquisition, and theories, techniques and practices of adult second language acquisition.

Cross-listed: LING-3405(3).

Restrictions: Students may not hold credit for this course and LING-3405.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credit hours in 2000-level German Studies courses [prerequisite(s)].

GERM-3910 (3) Special Topics in German Studies (3 hrs Tutorial) In this tutorial, students explore a topic in German literature or linguistics under the direction of a professor.

Note: This course may be repeated for credit when the topic varies.

Restrictions: Instructor Permission Required.

Requisite Courses: GERM-2109 or GERM-2110 and any 3-credit hours in 2000-level German Studies courses [prerequisite(s)].

HISTORY

HIST-1006 (3) Indigenous History to 1900: Origins, Contact, Colonialism (3 hrs Lecture) This course introduces students to the history of the Indigenous peoples of North America from the pre-contact period to the end of the nineteenth century. Major themes include the origins of Indigenous people, the diversity of Indigenous societies, contact experiences, and the impact of Christian missions, colonial warfare, treaties, and assimilationist policies. The course also addresses some of the traditional limitations of the discipline of history for interpreting the Indigenous past, and discusses the sources and methodologies that Indigenous and non-Indigenous historians have adopted in order to rethink Eurocentric interpretations. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1007 (3) Indigenous History Since 1900: Racism, Resistance, Renewal (3 hrs Lecture) This course gives students the opportunity to explore themes and topics in modern Indigenous history from 1900 to the present. Course content focuses on the themes of Racism, Resistance and Renewal, and topics include: anti-Indigenous racism and inequality in education, health, and the law; histories of Indigenous agency and resistance in political movements, court action and everyday acts; and examples of efforts to define and enact decolonization such as cultural revitalization and repatriation. The course focuses on the history of Winnipeg and the surrounding area, while examples are also drawn from across Canada and the United States. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1008 (3) Colonial Genocides and Indigenous History (3 hrs Lecture) This course examines the impact of colonial violence on Indigenous peoples in North America from the early contact period until the era of residential schools. The course is not intended to be a comprehensive overview of all atrocities ever committed against Indigenous peoples. Instead, this course examines a selected number of massacres, genocides, and episodes of ethnic cleansing in depth. The course also addresses some of the traditional limitations of the discipline of history for interpreting the Indigenous past, and discusses the sources and methodologies that Indigenous and non-Indigenous historians have adopted in order to rethink Eurocentric interpretations. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1009 (3) Introduction to Indigenous Studies: Art, Culture and History (3 hrs Lecture) This course provides an introduction to Indigenous art, culture and history in North America. Starting with the pre-contact indigenous societies, students explore the richness and diversity of indigenous cultures as they evolved out of different eco-systems from Central America up to Canada's Arctic. Using Indigenous ontologies and epistemologies as a starting point, the course provides an alternative view of colonial history as well as the post-colonial struggle of indigenous peoples for their own identity, place and belonging in contemporary society.

Cross-listed: IS-1016

Restrictions: Students may not hold credit for this course and IS-1015 | IS-1016. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1011 (3) Cross Currents in Global Art (3 hrs Lecture) This course provides an overview of the major periods and styles in the history of art from the paleolithic period to the present. Art, architecture, and cultural artifacts from around the globe are analyzed within their historical and cultural contexts, with the intention of making connections among cultures and across time periods. Constructs such as authorship, patronage, politics, gender, colonialism and national identity may be highlighted. Students are introduced to the basics of historical research such as examination of historical interpretations and evidence, comparative analysis, primary sources, and bibliographic and narrative skills. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1012 (3) The Worlds of Asia and Africa to 1750 (3 hrs Lecture) This course introduces students to the broad themes in Asian and African history in the period up to 1750 with particular focus on political, economic, and social transformations. Major themes may include emergence of civilizations, trade, forms and role of the state, warfare and its legacies, spread of ideas, urbanization, colonization, changing roles of women, migration and technologies. Students are also introduced to the basics of historical research such as the examination of evidence and interpretations, comparative analysis, and bibliographic and narrative skills.

Note: Maximum of 6 credit hours in 1000-level History may be counted for degree credit.

HIST-1013 (3) The Worlds of Asia and Africa Since 1750 (3 hrs Lecture) This course introduces students to the broad themes in Asian and African history in the period since 1750 with particular focus on political, economic, and social transformations. Major themes may include slavery, trade, urbanization, colonization, resistance to imperialism, nationalism, race, changing roles of women, war, the role of the state, migration and human rights. Students are also introduced to the basics of historical research such as the examination of evidence and interpretations, comparative analysis, and bibliographic and narrative skills. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1014 (3) Europe and the Mediterranean World to 1700 (3 hrs Lecture) This lecture course surveys the diversity of human experience from Antiquity to the dawn of the modern era in Europe and the Mediterranean. Depending on the instructor, topics may include the development of Mediterranean civilizations, Athenian democracy, the conquests of Alexander the Great, the rise and fall of the Roman Empire, the rise and spread of Christianity and Islam, the Crusades, the Black Death, the expansion of the Ottoman Empire, Renaissance, Reformation, and European expansion. Students are also introduced to the basics of historical research such as the examination of historical evidence and interpretations, comparative analysis, and bibliographic and narrative skills.

Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1015 (3) The Atlantic World: Europe and the Americas, 1700-1989 (3 hrs Lecture) This course introduces students to the broad forces involved in the making of the Atlantic World with a particular focus on social, economic, and political transformations. Major themes may include political revolutions from the 18th (French and American) to the 20th century (Russian); slavery and abolitionism, industrialization, urbanization, and immigration; the family and changing roles of women; race, imperialism, and colonialism; war and its social legacies; the state, welfare, and human rights. Students are also introduced to the basics of historical research such as the examination of historical evidence and interpretations, comparative analysis, and bibliographic and narrative skills.

Max. 6 cr hr 1000 History may be counted for degree credit.

HIST-1016 (3) Indian Ocean World to 1700 (3 hrs Lecture) This course introduces students to the unity of the Indian Ocean World comprising Africa, the Middle East, Southeast Asia and South Asia examining human-environment interaction at the regional and interregional levels up to 1700. Major themes may include slavery, trade, migration, urbanization, empires and colonization, changing roles of women and warfare. Students are also introduced to the basics of historical research such as the examination of evidence and interpretations, comparative analysis, and bibliographic and narrative skills. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-1017 (3) Indian Ocean World Since 1700 (3 hrs Lecture) This course introduces students to the unity of the Indian Ocean World comprising Africa, the Middle East, Southeast Asia and South Asia examining human-environment interaction at the regional and interregional levels since 1700. Major themes may include slavery, trade, migration, urbanization, colonization, resistance to imperialism, nationalism, race, changing roles of women, war, the role of the state, migration and human rights. Students are also introduced to the basics of historical research such as the examination of evidence and interpretations, comparative analysis, and bibliographic and narrative skills. **Max. 6 cr hr 1000 History may be counted for degree credit.**

HIST-2080 (3) The History of Archaic Greece (3 hrs Lecture) This course traces the history of Greece during the Archaic period from the beginning of the eighth century BCE through to the beginning of the fifth century BCE. 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, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.

Cross-listed: CLAS-2301(3).

Restrictions: Students may not hold credit for this course and CLAS-2091 | CLAS-2301 | HIST-2104.

HIST-2081 (3) The History of the Roman Republic (3 hrs Lecture) This course considers the history of the Roman Republic from the legendary foundations of the city of Rome through to the beginning of the Roman Empire. Lectures trace the major cultural, military, and societal events of the Republic. Particular emphasis is placed upon the expansion of Rome's power throughout Italy and the Mediterranean, the forces that brought about the transformation of the Roman style of government from Monarchy to Republic, and later to Empire, and the problems which attend these changes.

Cross-listed: CLAS-2303(3).

Restrictions: Students may not hold credit for this course and CLAS-2096 | CLAS-2303 | HIST-2096.

HIST-2089 (3) The History of Classical Greece (3 hrs Lecture) This course traces the history of Greece during the Classical period from the beginning of the fifth century BCE until the rise of Macedon in the mid-fourth century BCE. Special emphasis is placed on social, political and economic evolution of the Greek city-states (in particular Athens and Sparta), the failure of the Greeks to achieve political unity, cultural transformations, periods of warfare, and the Greeks' consequent vulnerability to external threats.

Cross-listed: CLAS-2302(3).

Restrictions: Students may not hold credit for this course and CLAS-2091 | CLAS-2302 | HIST-2104.

HIST-2090 (3) Topics in Classical Studies (3 hrs Lecture) This course explores a specific area in the field of Classical scholarship. The focus of study varies from year to year. Possible topics include ancient medicine, technology, economics, warfare, and the popular reception of the Classical tradition. Information concerning these course offerings is provided by the department.

Note: This course may be repeated for credit when the topic varies.

Cross-listed: CLAS-2010(3).

Restrictions: Students may not hold credit for this course and CLAS-2010.

HIST-2097 (3) The History of the Roman Empire (3 hrs Lecture) This course considers the history of the Roman Empire from the end of the Roman Republic through to the reign of Constantine. Lectures trace the major cultural, military, and societal events of the first three centuries of the Empire. Particular emphasis is placed upon the expansion of Rome's power throughout the Mediterranean, Europe, and the Near East, the forces, individuals, and events that affect the Empire during the period 30 BCE-c.312 CE, and the problems that attended these changes.

Cross-listed: CLAS-2304(3).

Restrictions: Students may not hold credit for this course and CLAS-2096 | CLAS-2304 | HIST-2096.

HIST-2099 (3) The Roman Army (3 hrs Lecture) This course considers the Roman army, from its origins and increasing professionalization during the Monarchy and Republic, to its role as emperor-maker during the third century CE. Topics may include the evidence for the army, recruitment, organization, strategy, unit tactics, troop

disposition on the frontiers, and veterans. More broadly, this course examines the army's wider impact on culture and society with regard to religion, Romanization, and political life.

Cross-listed: CLAS-2950(3).

Restrictions: Students may not hold credit for this course and CLAS-2950.

HIST-2108 (3) Mennonite Studies I (3 hrs Lecture) This course offers a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia, and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.

Cross-listed: MENN-2101(3) and REL-2363(3).

Restrictions: Students may not hold credit for this course and MENN-2101 | REL-2363.

HIST-2109 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes 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: MENN-2102(3), REL-2364(3).

Restrictions: Students may not hold credit for this course and HIST-3109 | MENN-2102 | REL-2364.

HIST-2110 (3 or 6) The Twentieth-Century World (3 hrs Lecture) 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 may not hold credit for this course and HIST-2100.

HIST-2112 (6) War as a Social Institution (3 hrs Lecture) 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 may not hold credit for this course and HIST-3103.

HIST-2113 (6) A History of Slavery (3 hrs Lecture) This course offers a historical survey of the institution of slavery from ancient times to the twentieth century. Emphasis is 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 may not hold credit for this course and HIST-3102.

HIST-2114 (3) European Empires and Early Modern Globalization (3 hrs Lecture) This course examines how European maritime empires initiated the first era of globalization from 1450 to 1800. From the era of Christopher Columbus until the voyages of James Cook to the Pacific in the 1770s, Europeans interconnected the

world through trade, migration, war, and cultural exchanges. While some historians argue that this period witnessed the rise of European/Western global dominance, especially in the Americas, other scholars maintain that European influence in Asia and West Africa remained quite limited. This course is an introduction to this fascinating debate that has relevance for the world that we live in today.

HIST-2116 (6) Survey History of Latin America (3 hrs Lecture) This lecture course is an overview of the history of Central and South America. The course will study the Indigenous 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-2118 (3) Modern Mexico: From Acapulco to Zapatistas (3 hrs Lecture) This course examines the historical development of Mexico from independence through revolution to the present, with emphasis on major social, political, economic, and cultural developments that contributed to the formation of modern Mexico. The course explores key issues, including the role of race, ethnicity, class, and religion in Mexican independence and nation-building, war with the United States, dictatorship and revolution, the impact of free trade, and the multifaceted grassroots struggles to make a living or make for the U.S. border. Students are encouraged to engage in research, analysis, and problem-solving toward understanding the historical factors that have shaped Mexico.

HIST-2120 (3) History of Capitalism (3 hrs Lecture) This course investigates the historical development of capitalism, as well as major interpretive debates among scholars of business history and the history of capitalism. Beginning with a discussion of sixteenth-century trade and commerce, the course explores the development of transportation and mass production, the emergence of a managerial class, the roles of women and of workers, advertising and consumption, and alternative ownership structures, among others.

HIST-2121 (3) Environmental History of the Americas (3 hrs Lecture) This course is a survey of environmental history of North and South America from the pre-Columbian civilizations until the present. The course takes a hemispheric perspective to examine the diverse ways in which human societies across the Americas have interacted with their natural environments. While the first half of the course concentrates on the impact of European colonization on the 'New World', the second half focuses on how industrialization and urbanization have changed the various eco-systems of the Americas.

HIST-2122 (3) Racism in World History: From the Middle Ages to the Present (3 hrs Lecture) This course examines the history of racial ideas and policies and how they have shaped world history from the Middle Ages to the present. Students analyze the development of racial ideas and policies in the Western World (Europe and the Americas), and manifestations of non-Western racial ideas.

Topics may include the Crusades, Anti-Judaism, Anti-Semitism, European imperialism and colonialism, race mixing in Latin America, scientific racism, the Jim Crow system in the American South, the racial state of Nazi Germany, and the apartheid era in South Africa.

HIST-2126 (3) The Rise of the Ottoman Empire: the Sultan's Slaves (3 hrs Lecture) This course examines the political, social, cultural, and economic dimensions of the early Ottoman state from its inception at the beginning of the fourteenth century until the early eighteenth century. It presents the rich heritage of the Empire and its expansion to Europe, Asia and Africa, highlighting issues such as the origins of the Empire, imperial expansion, conflicts with European powers, the slave-based army, ordinary Ottoman lives, the complex bureaucracy of the state and the mysteries of the harem world. This course is twinned with HIST-2127 on the later Ottoman Empire from the eighteenth to the twentieth century.

Restrictions: Students may not hold credit for this course and HIST-3101.

HIST-2127 (3) The History of the Late Ottoman Empire: Tulip and Culture Clash (3 hrs Lecture) This lecture course examines the political, social, cultural, and economic dimensions of the late Ottoman Empire from the beginning of the eighteenth century until 1922. In this period the empire dwindled as a result of the rising power of its European political opponents, first Austria and Russia and later Britain and France. The Ottoman elite responded by adopting a series of modernizing reforms and survived until 1922. This course is twinned with HIST-2126.

Restrictions: Students may not hold credit for this course and HIST-3101.

HIST-2130 (6) A History of the Developing World (3 hrs Lecture) 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 15th to the 20th 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.

Cross-listed: IDS-2130(6).

Restrictions: Students may not hold credit for this course and IDS-2130.

Requisite Courses: IDS-1100(6) or 6 credit hours in HIST 1000-level courses, or permission of the Instructor [prerequisite(s)].

HIST-2131 (3) History of Peace and Nonviolence I (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world.

Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.

Cross-listed: MENN-2131(3), CRS-2131(3).

Restrictions: Students may not hold credit for this course and CRS-2131 | MENN-2131.

HIST-2132 (3) History of Peace and Nonviolence II (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world. The course, thus, contrasts Christian traditions of nonviolence with those of Indigenous, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamental principle of social organization.

Cross-listed: MENN-2132(3), CRS-2132(3).

Restrictions: Students may not hold credit for this course and CRS-2132 | MENN-2132.

HIST-2133 (3) Global Migration History (3 hrs Lecture) This lecture course surveys the diversity of worldwide migrations in the modern period. Topics include exploration and conquest; merchants, mercenaries, and missionaries; slavery and unfree migration; imperialism, settlement and labour migrations, and refugees. Concepts discussed include international migration systems; transnational life, culture, and society; diaspora; voluntary and forced migration.

HIST-2170 (6) Islam and the West (3 hrs Lecture) 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-2171 (3) Islam, Oil, and War in the Modern Middle East (3 hrs Lecture) This course studies the adaptation of Islamic societies to global change, the rise of European empires, and forces of modernization. From the reforms in the eighteenth-century Ottoman Empire the course proceeds to the rise of national states. Special attention is paid to the role of ethnic and religious differences in regional conflicts. The course also examines the rise of such ideologies as Arab nationalism and Zionism. Major questions like the Israeli-Palestinian conflict, the Iranian revolution of 1979, the Gulf wars, and occupation of Iraq by US are discussed in this course.

HIST-2190 (3) Theatre History I: Aeschylus to Shakespeare (3 hrs Lecture) 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.

Cross-listed: THFM-2401(3).

Restrictions: Students may not hold credit for this course and THFM-2401.

HIST-2191 (6) History of Film (3 hrs Lecture) 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.

Cross-listed: THFM-2410(6).

Restrictions: Students may not hold credit for this course and THFM-2410.

HIST-2192 (6) The History of Fashion and Dress (3 hrs Lecture) This course introduces the history of fashion. Students learn what dress is as well as how and why it is studied. The dress from ancient times to the 21st century is then discussed, with an emphasis on western Europe. The links between fashion, social history and material culture are examined. The course is intended as background for students of theatrical design, but may be taken as an elective by anyone interested in the field.

Cross-listed: THFM-2406(6).

Restrictions: Students may not hold credit for this course and THFM-2406.

HIST-2212 (3) Europe Between the Medieval and Modern Worlds 1350-1650 (3 hrs Lecture) 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 the arts during the Renaissance and Baroque periods.

Restrictions: Students may not hold credit for this course and HIST-2201 | HIST-2312.

HIST-2213 (3) Women in Pre-Industrial Europe (3 hrs Lecture) This course surveys women's history in Western Europe from classical times to about 1700. Using primary and secondary sources, the course covers 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 may not hold credit for this course and HIST-2111 | HIST-3105.

HIST-2215 (3) History of the Byzantine Empire (3 hrs Lecture) 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-2216 (3) Europe in the Early Middle Ages (c. 300-c. 1000) (3 hrs Lecture) This survey examines the history of Europe from the gradual collapse of the Western Roman Empire up to the emergence of states in Western Europe. The course focuses on various aspects of social, religious, political, cultural and intellectual life. Topics may include the "barbarian" invasions of the Roman Empire, the birth of Christianity and Islam, the rule of Justinian, the establishment of medieval kingdoms, the rise and fall of the Carolingian Empire, as well as Magyar and Viking invasions. Medieval documents are analyzed in class to offer a direct insight into the period.

Cross-listed: CLAS-2305(3).

Restrictions: Students may not hold credit for this course and HIST-2211 | HIST-2214 | CLAS-2305.

HIST-2217 (3) Europe in the Central Middle Ages (c. 1000-c. 1350) (3 hrs Lecture) This survey course examines the history of Europe from the rise of the feudal age to the Black Death and focuses on various aspects of social, religious, political, cultural and intellectual life. Topics may include the Crusades, the reforms of the Church, the daily life of medieval men and women in cities and countryside, the rise of universities, European travellers to Mongol territories, the Black Death and the beginning of the Hundred Years War. Medieval documents are analyzed in class to offer a direct insight into the period.

Restrictions: Students with credits in the former HIST-2211 | HIST-2214 may not take this course.

HIST-2226 (3) The History of Sexuality From Antiquity to the Middle Ages (3 hrs Lecture) 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 offers a survey of sexuality from prehistory to the Middle Ages. The prehistorical period is reviewed briefly, followed by an examination of classical Greece and Rome, early Christianity, and the Middle Ages. Though references are made to other regions for comparative purposes, the focus of this course is on western Europe.

HIST-2302 (3) History of Britain 1815-1990 (3 hrs Lecture) This lecture course is a survey of the United Kingdom's history from the Congress of Vienna to the fall of Mrs. Thatcher. Lectures focus on the political, social, and imperial history of the period. Major themes include: industrialization and the rise of a class society; political activism and suffrage reform; social policy from the New Poor Law to the Welfare State; and the growth, decline and legacy of Britain's empire.

Restrictions: Students may not hold credit for this course and HIST-2316 | HIST-2400.

HIST-2313 (6) Modern European Society (3 hrs Lecture) This course surveys European societies from the absolute monarchies of the 17th century to the fascist and communist movements of the 20th 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 may not hold credit for this course and HIST-2300 | HIST-2314 | HIST-2315.

HIST-2316 (6) History of Britain From 1485 (3 hrs Lecture) This course is a survey of the growth and development of modern Britain, 1485 to the present.

Restrictions: Students may not hold credit for this course and HIST-2302 | HIST-2400.

HIST-2323 (3) Studies in German Culture I (3 hrs Lecture) 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, including developments in art, architecture, music, and the social/political background. Writings by authors such as Luther, Grimmshausen, Kant, Lessing, and Goethe will allow for discussion of themes and issues in the context of their times.

Cross-listed: GERM-2101(3) and GERM-3101(3).

Restrictions: Students may not hold credit for this course and GERM-2101 | GERM-3101.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

HIST-2324 (3) Studies in German Culture II (3 hrs Lecture) This course offers a broad survey of cultural developments in German-speaking Europe from the beginning of the 19th century to the present, including developments in art, architecture, music, and the social/political background. Writings 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: GERM-2102(3) and GERM-3102(3).

Restrictions: Students may not hold credit for this course and GERM-2102 | GERM-3102.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

HIST-2325 (3 or 6) Tsars and Peoples: Medieval and Imperial Russia (3 hrs Lecture) 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, Tchaikowsky, Tolstoy, and Lenin.

Restrictions: Students may not hold credit for this course and HIST-2317 | HIST-2321 | HIST-3205 | HIST-3305.

HIST-2326 (3 or 6) Soviet Union and Post-Soviet Russia: Communism, Revolutions, War, and Wealth (3 hrs Lecture) 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 cultural and political personalities discussed include Lenin, Stalin,

Khrushchev, Gorbachev, Solzhenitsyn, and Shostakovich.

Restrictions: Students may not hold credit for this course and HIST-2317 | HIST-2321 | HIST-3205 | HIST-3305.

HIST-2327 (3) The History of Sexuality from the Renaissance to the Present (3 hrs Lecture) 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 offers a survey of sexuality from the Renaissance to the twentieth century. The focus is 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 are made to other regions for comparative purposes, the focus of this course is on Western Europe.

HIST-2328 (3) Anti-Semitism and the Holocaust (3 hrs Lecture) 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 is 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 (3 hrs Lecture) This course surveys women's history in Western Europe from 1700 to the present. Using primary and secondary sources, the course covers 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 may not hold credit for this course and HIST-2111 | HIST-3105.

HIST-2330 (3) Europe Since 1945 (3 hrs Lecture) 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, Willy Brandt, Josip Tito, Lech Walesa and Mikhail Gorbachev is considered.

HIST-2331 (3) History of Modern Germany (3 hrs Lecture) 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 in 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: GERM-2331(3).

Restrictions: Students may not hold credit for this course and GERM-2331.

HIST-2411 (6) A History of Asia Since 1500 (3 hrs Lecture) 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 may not hold credit for this course and HIST-2413 | HIST-2414 | HIST-2415 | HIST-2701 | HIST-2703 | HIST-2704.

HIST-2413 (3) South Asia Since 1500 (3 hrs Lecture) 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 may not hold credit for this course and HIST-2411 | HIST-2701 | HIST-2703.

HIST-2414 (3) History of East Asia Since 1500 (3 hrs Lecture) 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 may not hold credit for this course and HIST-2411 | HIST-2701 | HIST-2704.

HIST-2415 (3) History of South East Asia Since 1500 (3 hrs Lecture) This course introduces students to this region in an era of massive transition from the land-based kingdoms of the Khmer and archipelagic Srivijaya Empire to the advent of Islam. Major themes may include colonial intrusion by the Portuguese and Spanish in the Philippines, British intervention in the Malay States and Burma, Dutch rule in Indonesia, the French in Cambodia and Vietnam, independence of Thailand, resistance to imperialism and anticolonial nationalist movements, the impact of World War II and Japanese occupation, the Emergency in Malaya, the Vietnam War, and postcolonial states.

HIST-2500 (6) History of Canada to 1939 (3 hrs Lecture) 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 may not hold credit for this course and HIST-2503 | HIST-2504.

HIST-2503 (3) Survey History of Canada: the Colonial Era, 1500-1867 (3 hrs Lecture) 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 Indigenous 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 may not hold credit for this course and HIST-2500.

HIST-2504 (3) Survey History of Canada: the National Era, 1867-1939 (3 hrs Lecture) 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 Indigenous 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 may not hold credit for this course and HIST-2500.

HIST-2505 (3) Survey History of Canada: the Modern Era, 1939 to the Present (3 hrs Lecture) 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-2508 (3 or 6) Issues in the History of Women in Canada (3 hrs Lecture) This course gives students the opportunity to explore issues on women's history in Canada from the seventeenth century to the twentieth. Students examine women's political, legal, economic, social, intellectual/education, labour, medical, and cultural history. They also learn the central role gender plays in Indigenous history as well as histories of contact, settlement and colonialism, industrialization, immigration, war, and urbanization.
Restrictions: Students may not receive credit for both the 3 and 6 credit hour version of this course.

HIST-2512 (3) History of Human Rights in Canada (3 hrs Lecture) This course examines the history of human rights within the Canadian context including key federal, provincial and municipal legislation as well as critical human rights institutions. The course explores the evolution of the human rights Canada in relation to their international counterparts, and historical discrimination in Canada in areas such as immigration, employment and housing, internment of minority populations, gender, sexuality, anti-Semitism and treatment of Indigenous peoples.
Cross-listed: HR-2200(3).

Restrictions: Students may not hold credit for this course

and HR-2200.

HIST-2513 (3) History of Indigenous Institutional Development in Winnipeg (2 hrs Lecture | 1 hrs Seminar/Discussion) Indigenous peoples in Manitoba's largest urban centre have long been challenging systemic racism and colonial structures. In this course students learn about the rich history of Indigenous-led resistance and development in Winnipeg from 1950 and into the 2000s.

Topics include the development of the Indian Métis Friendship Centre, the Ma Mawi Wi Chi Itata Centre, Children of the Earth School, Native Women's Transition Centre (now Indigenous Women's Healing Centre), and Neeginan Centre. Students also learn about a new generation of Indigenous leaders building spaces of hope and resistance in Winnipeg's inner-city neighbourhoods.

Cross-listed: UIC-2035

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and UIC-2035.

HIST-2514 (3) History of Canadian Education (3 hrs Lecture) This course is a systematic inquiry into the historical origins and development of educational thought, policy, and reform in Canada.

Restrictions: Students may not hold credit for this course and HIST-3514.

HIST-2560 (3) Migrants, Ethnicity, and Conflict in Twentieth Century German-Canadian History (3 hrs Lecture) This course surveys the history of German immigrants and their descendants in Canada. It focuses on the crises and conflicts of the twentieth century, in particular German Canadians' responses to the two world wars, their experiences of the Great Depression, and the effects of German mass immigration during the post-World War II economic boom.

Cross-listed: GERM 2560

HIST-2576 (3) U.S. History: Pre-Colonial to the Civil War (3 hrs Lecture) This course is an introduction to the study of U.S. history from the pre-colonial period to the end of the Civil War in 1865. The course emphasizes struggles for power, land, freedom, and wealth among European settlers, enslaved and freed Black Americans, Indigenous nations, and other marginalized peoples. Topics may include: Indigenous societies, European colonialism, race and the institution of slavery, gender relations and womanhood, the American Revolution and early Republic, immigration and nativism, industrialization, westward expansion, religious reformism, the abolitionist and women's rights movements, sectional tensions, and the Civil War. This course can be taken independently from HIST- 2577.

Restrictions: Students may not hold credit for this course and HIST-2605 | HIST-2600.

HIST-2577 (3) U.S. History: Reconstruction to the Present (3 hrs Lecture) This course is an introduction to the study of U.S. history from 1865 to the present. The

course emphasizes struggles for power, citizenship, self-determination, and liberation among white Americans, Black Americans, Indigenous peoples, and other marginalized and racialized groups. Topics may include: race and racism, Reconstruction, colonialism and empire, the Progressive Era, immigration and nativism, American culture, the World Wars, the Great Depression and New Deal, Japanese internment, inequality and social action, the Cold War, civil rights and radical politics, religion, gender and sexuality, the Vietnam War, and the 21st century. This course can be taken independently from HIST-2576.

Restrictions: Students may not hold credit for this course and HIST-2606 | HIST-2600.

HIST-2610 (3) Indigenous Peoples and Canada to 1815 (3 hrs Lecture) This course traces Indigenous history down to the War of 1812 era. We discuss the period preceding Indigenous 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 Indigenous people from ally and partner to problem and hindrance. The course considers diverse sources and methods for interpreting this history.

Restrictions: Students may not hold credit for this course and HIST-2509 or HIST-2510.

HIST-2611 (3) Indigenous Peoples & Canada since 1815 (3 hrs Lecture) This course traces Indigenous 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 Indigenous 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 Indigenous efforts to maintain cultural and national self-determination while facing these policies. We consider the diverse sources and methods for interpreting this history.

Restrictions: Students may not hold credit for this course and HIST-2509 or HIST-2511.

HIST-2613 (3) History of Indigenous Institutional Development in Winnipeg (2 hrs Lecture | 1 hrs Seminar/Discussion) Indigenous peoples in Manitoba's largest urban centre have long been challenging systemic racism and colonial structures. In this course students learn about the rich history of Indigenous-led resistance and development in Winnipeg from 1950 and into the 2000s. Topics include the development of the Indian Métis Friendship Centre, the Ma Mawi Wi Chi Itata Centre, Children of the Earth School, Native Women's Transition Centre (now Indigenous Women's Healing Centre), and Neeginan Centre. Students also learn about a new generation of Indigenous leaders building spaces of hope and resistance in Winnipeg's inner-city neighbourhoods.

Cross-listed: UIC-2035

Restrictions: Students may not hold credit for this course and HIST-2513 | UIC-2035.

HIST-2616 (3) History of Indigenous Education:

Residential Schools and Beyond (3 hrs Lecture) This course explores the history of Indigenous education with a special focus on the history of residential schools. Topics include the nature of the church-state relationships that fostered the schools; architecture and physical conditions; academic programs and manual labour; resistance from students and relatives; and the process of forgetting and remembering the schools. It also covers the historical/political context in which the residential school system developed, expanded then declined; including policies of enfranchisement, assimilation, and integration and then the return of Indigenous control of Indigenous education. Focus is on the Canadian context but the class may also consider transnational and comparative perspectives.

Restrictions: Students may not hold credit for this course and HIST-2516.

HIST-2700 (6) History of Africa (3 hrs Lecture) This course is a survey of the social, economic, political, and cultural traditions of the African continent.

HIST-2801 (3 or 6) Rethinking Canadian Art (3 hrs Lecture) This course is a critical survey of Canadian art from the early contact period (ca. 1500) to the present. Perspectives of Indigeneity, gender, nationalism, regionalism, and ethnicity are used to examine Canadian art and craft in a variety of media.

HIST-2802 (3 or 6) Art in Non-Christian Religions (3 hrs Lecture) 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: REL-2901(3).

Restrictions: Students may not hold credit for this course and REL-2901.

HIST-2804 (3) Secrets of Museums: A Critical Inquiry into the Origins and Culture of Western Museums (3 hrs Lecture) Since the Enlightenment, museums have developed into centers of learning, entertainment and even shopping. The main goal of the modern museum is to educate citizens about history, culture, and ideology; thus museums are on the front lines of cultural shifts. This course prepares students to visit destination European museums with a critical and historical points of view. Important museums such as the British Museum, the Louvre, as well as local Winnipeg galleries, are contextualized through contemporary theories of collecting and display. Some assignments involve visiting local museums and galleries, and when possible, acquiring practical skills contributing to a curatorial project.

HIST-2805 (3) The Power of Art: Visual Worship & Violence (3 hrs Lecture) This course introduces students to two fundamentally opposed responses to visual modes

of communication in the arts and architecture: iconoclasm (destruction of images/monuments) and iconophilia (worshipping of images/monuments). The course explores various topics from prehistory to the Modern era.

HIST-2812 (3) Art and Empires in the Western Culture 1: From Nascent Empires to the Renaissance Period (3 hrs Lecture) This course surveys some of the most significant monuments created over the course of Western civilization, from nascent empires to Renaissance period. Art and architecture are introduced chronologically, as well as within their historical and social contexts. One theme is how art and architecture are used in the creation of political empires. Critical art history theories are introduced so students gain confidence in analyzing iconic works of art located in popular Western art museums. Students work with artifacts from local collections learning to handle objects, and art history terminology and methodologies.

Restrictions: Students may not hold credit for this course and HIST-2800.

HIST-2813 (3) Art and Empires in Western Culture 2: Renaissance to Present Day (3 hrs Lecture) This course surveys some of the most significant monuments created over the course of Western civilization, from the Renaissance period to contemporary times. Art and architecture are introduced chronologically, as well as within their historical and social contexts. One theme will be how art and architecture are used in the creation of political empires. Critical art history theories around race, gender and patriarchy are introduced so students can gain confidence in analyzing iconic works of art located in popular Western art museums. Students work with artifacts from local collections learning to handle objects, and art history terminology and methodologies.

Restrictions: Students may not hold credit for this course and HIST-2800.

HIST-2814 (3 or 6) Modern Architecture and Design (3 hrs Lecture) 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 also architectural responses to concepts of nature.

Restrictions: Students may not hold credit for this course and HIST-3829.

HIST-2900 (6) History of Science (3 hrs Lecture) 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 Humanities Requirement or the Science Requirement.

HIST-2901 (6) History of Technology (3 hrs Lecture) A survey of developments in technology, from ancient to modern times. Throughout, there will be a consideration of the relationship of technology to humanity.

Note: This course does not fulfil the Science requirement.

HIST-2903 (3) History of Wellbeing and Happiness (3 hrs Lecture) This course introduces students to the history of the broad concept of wellbeing in its various historical iterations (e.g. good fortune, contentment, joy, self-care, happiness) in "the West" from Antiquity to the present. The students explore the intellectual, social, political, cultural, religious, medical, and ethical contexts in which wellbeing was imagined, defined, critiqued, or aspired to. Topics may include ancient and modern medical concepts of wellbeing, medieval mysticism, humanist and scientific utopias, alchemy and the philosopher's stone, romanticism, feminist critiques of the 'positive thinking' movement, and happiness as a human right.

HIST-2910 (3) History of Medicine to 1700 (3 hrs Lecture) 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 may not hold credit for this course and HIST-2909 | HIST-3909.

HIST-2912 (3) The History of Modern Medicine (3 hrs Lecture) 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 may not hold credit for this course and HIST-2909 | HIST-3909.

HIST-2951 (3) Ancient Greek Warfare (3 hrs Lecture) This course introduces students to the aspects of warfare in the Greek world. Students are exposed to key literary sources, like the historians Herodotus, Thucydides, Xenophon, and Polybius; poets and dramatists like Homer, Tyrtaeus, Aeschylus and Sophocles; and military manuals like Xenophon's *Cyropaedia*, Aeneas Tacticus' *Tactica*, and Philo Mechanicus' *On Sieges*. Students consider alternative bodies of evidence, like the physical remains of Greek fortifications. Key themes include the origins of the phalanx, the impact of warfare on the physical and mental wellbeing of soldiers, the place of the Peloponnesian War in Greek history, and the logistical capabilities of Alexander's army.

Cross-listed: CLAS-2951(3).

Restrictions: Students may not hold credit for this course and CLAS-2951.

HIST-3001 (6) Practice and Philosophy of History (3 hrs Lecture/Seminar) 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.

Restrictions: Students may not hold credit for this course and HIST-4001 | HIST-4002.

HIST-3002 (3 or 6) History Tutorial (3 hrs Tutorial) This is a reading course taken by individual senior students with the Instructor of their choice.

Restrictions: Department Permission Required. Instructor Permission Required.

HIST-3005 (6) Introduction to Oral History (3 hrs Lecture/Seminar) 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-3006 (3) Topics in Ancient History (3 hrs Lecture) 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.

Note: This course may be repeated when the topic varies.

Restrictions: Students may not hold credit for this course and CLAS-3006.

Requisite Courses: At least 3 credits in any Classics course, or permission of the Department of Classics [prerequisite(s)].

HIST-3007 (3 or 6) Topics in History of Food (3 hrs Seminar/Discussion) This course investigates the historical significance of food production and consumption. A variety of approaches and the wide range of content in this comparatively new field are discussed, which may include: gender, ethnicity, (trans)nationalism, and identity; business, labour, and capitalism; production and consumption; the role of government; the environment; the body; taste; and memory.

HIST-3009 (3) Eras (3 hrs Lecture) This course focuses on a specific era, or time period, in ancient and/or classical history. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The focus of study varies from year to year. Information concerning these course offerings is provided by the Department. This course may be repeated for credit when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: CLAS-3850(3).

Restrictions: Students may not hold credit for this course and CLAS-3850.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3010 (3) Provinces and Subjects (3 hrs Lecture)

This course focuses on a particular Roman province or subject population of the Roman Empire. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. This course may be repeated for credit when the topic varies. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: CLAS-3840

Restrictions: Students may not hold credit for this course and CLAS-3840 | CLAS-4840.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3011 (3) Kingdoms and City-States in the Greek and Roman Worlds (3 hrs Lecture)

This course focuses on a particular kingdom or city-state of the ancient world. The topic draws upon evidence from the ancient textual evidence, archaeology, and cultural and social history in the light of modern theory and scholarship. The instructor and the focus of study vary from year to year. Information concerning these course offerings is provided by the Department. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: CLAS-3830(3) and CLAS-4830(3).

Restrictions: Students may not hold credit for this course and CLAS-3830.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3101 (6) History of the Ottoman Empire (3 hrs

Lecture/Seminar) This lecture/seminar course examines the political, social, cultural, and economic dimensions of the Ottoman Empire from its inception at the beginning of the fourteenth century until its demise in 1922. The multi-faceted aspects of this course are designed to present the rich heritage of the Ottoman Empire which expanded in its heyday from the Atlantic Ocean to the Indian Ocean and from the Danube to the Nile. The course offers a comprehensive introduction to Ottoman life throughout the centuries. It also highlights the legacy of the Ottoman Empire in Europe, Asia, and Africa.

HIST-3108 (3) Gender and Mennonites (3 hrs

Lecture/Seminar) This lecture/seminar course examines the role of women and of men in the evolving Mennonite society. It traces 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 examines patriarchal structures of Mennonite households, churches and communities, but also focuses on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity receive special attention. Gender is also traced through the Mennonite life cycle, commencing at childhood, and tracked through times

of youth, marriage, mid-age, and retirement. The course examines how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.

Cross-listed: MENN-3108(3).

Restrictions: Students may not hold credit for this course and MENN-3108.

HIST-3110 (3) Russia and the Mennonites (3 hrs

Lecture/Seminar) 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.

Cross-listed: MENN-3110(3).

Restrictions: Students may not hold credit for this course and MENN-3110 | MENN-3203.

HIST-3111 (3) Conflict and Mennonites (3 hrs

Lecture/Seminar) 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.

Cross-listed: MENN-3111(3).

Restrictions: Students may not hold credit for this course and MENN-3111.

HIST-3112 (6) Militarism in the Modern World (3 hrs

Lecture/Seminar) 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 may not hold credit for this course and HIST-3104.

HIST-3113 (6) Personalities and Modern Revolution (3

hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-3107.

HIST-3114 (3) Latin America and the Mennonites (3

hrs Lecture/Seminar) 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.

Cross-listed: MENN-3114(3).

Restrictions: Students may not hold credit for this course and MENN-3101 | MENN-3114.

HIST-3115 (6) History of Spanish American Political Culture (3 hrs Lecture/Seminar) 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 (3 hrs Lecture/Seminar) 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.

Cross-listed: MENN-3116(3).

Restrictions: Students may not hold credit for this course and HIST-3301 | MENN-3116.

HIST-3117 (6) Columbus to Castro: A History of Cuba, 1492-Present (3 hrs Lecture/Seminar) 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 (3 hrs Lecture/Seminar) This lecture/seminar course examines migration from South Asia (today comprising India, Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka and 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-3121 (3) Women in the Modern World (3 hrs Lecture/Seminar) 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-3124 (3) A Global History of Slavery, Indentured Labour and Sexuality 1700 to Present (3 hrs Lecture/Seminar) This course is a global history of slavery and indentured labour from 1700 to the present; focusing on sexuality and gender. The course compares transatlantic African slavery and Indian indentured labour migration and their implications. Topics include gender and slavery in African societies, sex and the slave trade, African enslavement in the Caribbean and North America, abolitionist discourses, gender in the Indian indentured labour system in the Caribbean, Mauritius, South Africa, Malaya and Fiji, gendered approaches to peasant labour in India, the end of indenture and the historical implications of slavery and indenture today.

HIST-3125 (3) Topics in Contemporary Latin American History (3 hrs Lecture/Seminar) This course examines key issues and events in contemporary Latin American history based on the social, political, economic and cultural phenomena critical to their development. As a contemporary history course, the chronological emphasis is on the post-1945 period, while the actual topics vary each time it is offered. Students have the opportunity to engage recent Latin American history, current regional and international issues, and the factors behind them, thereby promoting an understanding of the link between current events and historical causation. Students actively engage in methods of research, analysis, and problem-solving.

HIST-3126 (3) Mennonites and Environmental History: A Global Perspective (3 hrs Lecture/Seminar) This course considers how Mennonites from around the world have related to the environment in the 20th century, a time of immense technological change in agriculture and horticulture, with an emphasis on their relationship to nature and food production as farmers. It considers the way farmers have imagined their environments, and strategies they have taken to cultivate lands in distinctively different climates. Students study how Mennonite ideas on non-violence, simplicity and community, related to land and nature. Case studies may include Bolivia, Canada, Indonesia, the Netherlands, Russia, the US, and Zimbabwe.

Cross-listed: MENN-3126(3).

Restrictions: Students may not hold credit for this course and MENN-3126.

HIST-3128 (3) Indigenous-Mennonite Relations (3 hrs Lecture) Indigenous-Mennonite Relations examines the history of the encounters between Indigenous societies and a European settler group. It focuses on specific encounters, first in Canada, but also in the United States, Mexico, Paraguay and Bolivia. It considers the intrusion on Indigenous lands of ethno-religious societies such as the Mennonites, and the evolution of attending social relations, including both inter-community co-operation and conflict. It examines respective worldviews, including ideas on non-violence, social equality, gender relations, racialization and land stewardship. The course considers recent cross-cultural exchanges, including Mennonite advocacy, Indigenous counter-cultures, and persisting relations

between the two cultures.

Cross-listed: MENN-3128(3).

Restrictions: Students may not hold credit for this course and MENN-3128.

HIST-3130 (3) History of International Migration: The German Experience (3 hrs Lecture/Seminar) 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 (3 or 6) The Hudson's Bay Company and the Modern Department Store (3 hrs Lecture/Seminar) In this lecture/seminar course, students 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 affords 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 is also studied.
Restrictions: Students may not hold credit for this course and BUS-3135.

HIST-3140 (3) Alexander the Great (3 hrs Lecture) This course looks at the life and conquests of Alexander the Great. It begins with a chronological examination of the rise of Macedon under Alexander's father, Philip II, Alexander's early life, his conquest of the Persian Empire, and ultimately, his death. Four major themes are then explored: Alexander's military and its evolution, his relationship to mainland Greece, his empire, and his divinity.
Cross-listed: CLAS-3310(3).
Restrictions: Students may not hold credit for this course and CLAS-3310 | HIST-2105.

HIST-3170 (3) History of Law in Islamic Society (3 hrs Lecture/Seminar) This lecture/seminar course examines the formation of legal structures and practices in Islamic societies from the seventh century to the present. It explores the application and adaptation of general legal principles derived from the Quran, Hadith and Sunna in specific and changing historical contexts. Presenting an overview of the development of law in Islamic society 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, modernization, and European influences.

HIST-3190 (3) Theatre History III: Ibsen to the Present (3 hrs Lecture) 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.
Cross-listed: THFM-3401(3).
Restrictions: Students may not hold credit for this course

and THFM-3401.

HIST-3208 (3) Crusades and Crusaders in the Middle Ages (3 hrs Lecture/Seminar) This course focuses on the crusades in the Mediterranean world and Europe from the First Crusade to the Holy Land (eleventh century) to the capture of Granada from the Moors (fifteenth century). The course explores their roots, forms, and consequences. Special attention is given to the political, cultural, religious, and economic tensions and exchanges between Latin and Greek Christians, and between Christians and Muslims in the Middle East. Along with the crusading campaigns, participants' motivations, life in the crusaders' states, and the consequences of these movements on heretics, Jews, and pagan populations in Europe are explored.

HIST-3209 (3) Travel and Encounters in the Middle Ages (3 hrs Lecture/Seminar) 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 11th to the 15th 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-3212 (3) Fact, Fiction, and Images: Interpreting Manitoba Mennonites (3 hrs Lecture/Seminar) This course introduces the student to a wide variety of historic Manitoba Mennonite writers. It includes authors of personal writings, authors of historic works from a variety of disciplines, and authors of poetry and historical fiction. This course analyzes the texts of these authors from the perspective of history, asking what light they shed on the lived experience of Mennonites in Manitoba and how specific historical times might have informed those writings. The course suggests a broad definition of "author", recognizing that all texts are literary constructions, employing particular media to make sense of the Mennonite worlds in Manitoba.

Cross-listed: MENN-3212(3).

Restrictions: Students may not hold credit for this course and MENN-3212.

HIST-3213 (3) Environmental History of Europe in the Middle Ages (3 hrs Lecture/Seminar) This lecture/seminar course examines the relationships between communities and the natural world in medieval Europe (ca. 400?ca. 1500). The course asks the question of nature's agency in medieval history by analyzing how nature shaped social structures, as well as cultural and religious identities, but also how medieval communities learned to control their environment and manage natural resources. Issues include the expansion of agriculture on European landscapes; manorial economy; agrarian and mining technologies; fishing and hunting; pollution and medieval urbanization; as well as natural disasters and diseases, such as the Great Famine and the Black Death.

HIST-3214 (3) Slavery in Roman Society (3 hrs Lecture)

Though underrepresented in evidence, slaves and ex-slaves were critically important members of Roman society. This class considers the ways that the institution of slavery and slaves themselves shaped Roman society, history and culture. Topics of study include sources of slaves, the social attitudes and legal framework that shaped the experience of enslavement, family life, and manumission.

Restrictions: Students may not hold credit for this course and CLAS-3810 or CLAS-4810.

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3220 (3) Women in Medieval Europe, 800-1350 (3 hrs Lecture/Seminar) This lecture/seminar course examines 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 are drawn where appropriate among different regions and times.

HIST-3221 (3) Women in the Renaissance, 1350-1550 (3 hrs Lecture/Seminar) This lecture/seminar course examines the varied experiences of women in Renaissance Europe. Fundamental to this course is the analysis of traditional periodization as we attempt to answer Joan Kelly's question, "Did women have a Renaissance." Women of the Renaissance period are 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 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 (3 hrs Lecture/Seminar) From the sixteenth to the eighteenth centuries, European societies underwent some critical transformations. This lecture/seminar course assesses 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 are drawn where appropriate among different classes, regions, and times.

HIST-3223 (3) Children and Childhood in Pre-Modern Europe (3 hrs Lecture/Seminar) This part-lecture, part-seminar course examines the place of children in pre-modern European societies. Themes such as the conceptualization of childhood, and the place of gender inheritance, education, training, apprenticeship, and discipline of children are explored through the study of primary and secondary sources. The time frame and geographical focus may vary from year to year, but the course content covers primarily Western Europe,

c.1400-c.1700. Students are expected to read primary and secondary sources, and participate actively in course discussions.

HIST-3224 (3) Crime and Conflict in Pre-Modern Europe (3 hrs Lecture/Seminar) This part-lecture, part-seminar course explores the way in which pre-modern European societies dealt with crime and conflict in the family, village, and at large. The course covers such topics as the gendered notions of crime and punishment and the evolution of judicial and policing infrastructures in pre-industrial Europe. The time frame and geographical focus may vary from year to year, but the course content covers primarily Western Europe, c.1400-c.1700. Students are expected to read primary and secondary sources, and participate actively in course discussions.

HIST-3225 (3) Slaves, Serfs, and Servants in Pre-Modern Europe (3 hrs Lecture/Seminar) This part-lecture, part-seminar course examines the multi-faceted dimensions of servility in pre-Modern Europe. Through the lens of primary and secondary sources, students gain an appreciation for the varied mechanisms under which women and men, young and old, were indentured in pre-industrial societies, and develop a critical understanding of the ideologies that justified the categorization of humankind along their servile status. The time frame and geographical focus may vary from year to year, but the course content covers primarily the institutions of slavery and other forms of servitude in Western Europe, c.1400-c.1700. Students are expected to read primary and secondary sources, and participate actively in course discussions.

HIST-3270 (3) Sexuality, Sex and Gender in the Greek and Roman Worlds (3 hrs Lecture) This course focuses on issues relating to sexuality, sex, and gender in the Greek and Roman worlds. Theoretical approaches illuminate the various categories of ancient evidence. Particular topics for consideration vary, but include the social and philosophical location of homosexuality in Classical Greece, constructions of gender in ancient social and political discourse, representations of women in art and literature, and the history of classical scholarship on these subjects in response to contemporary social movements. Additional in-depth work is required for credit at the 4000-level.

Note: This course may be repeated for credit when the topic varies.

Cross-listed: CLAS-3870(3).

Restrictions: Students may not hold credit for this course and CLAS-3870

Requisite Courses: At least 3 credit hours in any Classics course [prerequisite(s)].

HIST-3310 (3 or 6) Topics in Modern Ukrainian History (3 hrs Lecture/Seminar) This course examines selected topics in Ukrainian history from 1800 to the present. Actual topics discussed vary from year to year. They include: transformations of Ukrainian nationalism and national identity in the East European context: Ukrainian territories in nineteenth century Habsburg and Romanov Empires;

military, social and political dimensions of World War I and World War II in Ukraine; social change and identity in Soviet Ukraine; culture and politics of the post-Soviet transformation. The course consists of both lectures and seminars; in-class discussions based on readings constitute an important component of the course.

HIST-3314 (6) Recent European History (3 hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-3303.

HIST-3317 (3) Topics in Russian and Soviet History (3 hrs Lecture/Seminar) This lecture/seminar course will cover selected topics in Russian and Soviet history. Topics may be drawn from political, social, or economic history.

HIST-3320 (3) Topics in Russian Intellectual History (3 hrs Lecture/Seminar) 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-3405 (3) Revolutionary Movements in South Asia (3 hrs Lecture/Seminar) This course examines revolutionary movements in twentieth century South Asia. The late colonial period saw a mixture of violent and non-violent anti-colonial movements, Gandhian, anarchist, Marxist, socialist, feminist and peasant movements are examined. The postcolonial period also saw land reform movements, secessionist armed revolutionary movements in Telangana and Naxalbari and the successful Maoist movement in Nepal.

HIST-3406 (3) Topics in Colonial and Nationalist History in India (3 hrs Lecture/Seminar) This course examines selected topics in the history of colonial India from the eighteenth century to the Partition of the subcontinent in 1947 using lectures and seminar discussions. Topics may include the structures and processes of colonialism, the East India Company, resistance to colonialism, the emergence of nationalism, moderate and extremist movements, Hindu nationalism, nationalist leadership, *dalit* liberation movement, women in the nationalist movement and the reasons for and impact of Partition of the sub-continent.

Restrictions: Students may not hold credit for this course and HIST-3706.

HIST-3407 (3) History of Childhood in South Asia (3 hrs Lecture) This course examines histories of childhood in South Asia from 1700 to the present. Commencing in the pre-colonial period students analyze childhood and family

formation, kinship, the household, memory and autobiography, play and playfulness, girlhood, boyhood and the age of consent; issues of child marriage, infanticide, child welfare, adolescence and the experiences of orphans and abandoned children. In addition, the childhoods of migrants, child labourers, school pupils, monastics, reformatory inmates and soldiers are studied. The course concludes by examining child rights and comparative historical approaches to the study of childhood.

HIST-3408 (3) Women's History in South Asia (3 hrs Lecture/Seminar) 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.

Restrictions: Students may not hold credit for this course and HIST-3708.

HIST-3504 (3) The Manitoba Food History Truck (Apprenticeship/Internship/Practicum with variable meeting hours) This course provides an introduction to food history, oral history, and public history. Students conduct oral history interviews on the Manitoba Food History Truck, process them for archival deposit, and produce a public history project in Manitoba food history for possible publication. The first week of this course is taught in classrooms at UW (5 classes of 3 hours each). Students are divided into small groups for the second week, with instruction time of approximately 6 hours per day, to participate in field research trips, conduct archival research, and do research on the Manitoba Food History Truck.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

HIST-3516 (3) History of Winnipeg's Inner City (3 hrs Lecture) Students analyze and take inspiration from Winnipeg's history of inner-city counterplanning, investigating the emergence and political function of the term "inner city" in Winnipeg, especially its role as a coalition-building identity. Students trace how innercity conditions have been produced not simply by top-down processes such as neoliberalism but by local movements that mediate such processes. Students read this history not only as a chronicle of social action but as a regional epistemological tradition and body of critical urban theory. Topics include the Inner City Committee for Rail Relocation, Inner City Voice newspaper, and the Community Inquiry Into Inner City Revitalization.

Cross-listed: UIC-3036(3).

Restrictions: Students may not hold credit for this course and UIC-3036.

HIST-3529 (3) History of Manitoba (3 hrs Lecture/Seminar) This lecture/seminar course examines the history of the Province of Manitoba from 1870 to the present. Key topics include the Red River Resistance and

the Manitoba Act, treaties with the First Nations people, settler-colonialism, federal-provincial relations, social reform movements, minority language rights, education, agriculture, resource extraction, hydroelectric development, and the growth of the provincial state. Special emphasis is placed on relations between Indigenous and non-Indigenous people, and the importance of water in the province's history as it relates to politics, agriculture, urban growth, and energy.

HIST-3540 (6) Critical Issues in the History of Canadian Politics, Nationalism, and International Relations (3 hrs Lecture/Seminar) 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 (3 hrs Lecture/Seminar) 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 every day 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: MENN-3541(3).

Restrictions: Students may not hold credit for this course and MENN-3541.

HIST-3542 (6) Gender, Class, and Ethnicity in Canadian History (3 hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-3530.

HIST-3543 (6) Immigration to Canada (3 hrs Lecture/Seminar) 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 (3 hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-3511 | HIST-3551.

HIST-3545 (6) Historical Perspectives on Women in Canada (3 hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-3599.

HIST-3548 (6) Alternative Visions: Rebels and Revolutionaries in Canada (3 hrs Lecture/Seminar) 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 and 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 (3 hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-3550 | HIST-3551.

HIST-3560 (6) The German-Canadian Presence in Canadian History (3 hrs Lecture/Seminar) 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.

Note: Please see the Department for a specific course description.

Cross-listed: GERM-3103(6).

Restrictions: Students may not hold credit for this course

and GERM-3103 | GERM-3561 | HIST-3561.

HIST-3561 (3) German-Canadian Identity - Historical Perspectives (3 hrs Lecture/Seminar) 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.

Note: A knowledge of German is not required.

Cross-listed: GERM-3561(3).

Restrictions: Students may not hold credit for this course and GERM-3103 | GERM-3561 | HIST-3560.

HIST-3570 (3 or 6) The Family in Canadian History (3

hrs Lecture/Seminar) This course traces changes in Canadian family life and ideals over the nineteenth and twentieth centuries, considering the impact of economic, legal, and cultural change and the influence of state policy, consumer culture and immigration. It examines the changing nature of marriage, family economies, access to birth control, and ideals of parenting. It explores not only ideals of family life, but also the experience and treatment of those who deviated from these ideals. The course gives equal time to lectures and to class discussion and, as such, depends on the active and regular participation of students.

HIST-3571 (3) History of Feminism in Canada (3 hrs

Lecture/Seminar) This course examines the history of feminism, focusing on the Canadian experience set within the broader context of North America and the West. It considers the changing goals, methods of organizing, adherents, societal responses and impact during each of the three "waves" of feminism. It explores biographical history of key Canadian and Western feminists. The course gives equal time to lectures and to class discussion and, as such, depends on the active and regular participation of students.

Restrictions: Students may not hold credit for this course and WGS-3571.

HIST-3572 (3 or 6) History of Childhood in Canada (3

hrs Lecture/Seminar) This course traces the history of childhood in Canada from the pre-industrial period to the late-twentieth century. It explores how new ideals of childhood which emerged in the late-nineteenth century differed from those existing previously and how an ideal of the child as dependent and in need of careful nurture and protection gradually took hold. It explores these subjects via a consideration of a number of issues which, from year to year, may include work, schooling, health, adoption, delinquency, recreation, and the emergence of children as a target consumer market.

HIST-3573 (3) Material Culture in Northern Plains

Indigenous History, Field Course (3 hrs Field Study) In this experiential-learning course, we explore various ways in which Indigenous and European technologies complemented each other. The first half of the course

consists of seminar discussions and lectures at the University of Winnipeg. The second half of the course takes place in the field, where students can work with Indigenous Elders from nearby First Nations communities. Students learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents.

Note: Students should notify the instructor in case of dietary restrictions, plant-, animal-, or food allergies. There is a surcharge per student for this course to cover honoraria for Elders and other knowledge keepers, food-related costs and costs for materials the students will be using. Please consult the History Department.

Cross-listed: HIST-4573(3), ANTH-3273(3), ANTH-4273(3).

Restrictions: Instructor Permission Required. Students may not hold credit for this course and ANTH-3273 | ANTH-4273 | HIST-4573.

HIST-3576 (3) Twentieth Century U.S. History (3 hrs

Lecture/Seminar) This lecture/seminar course explores key themes in the study of the United States during the twentieth century. The thematic focus of the course varies, but may include: gender and sexuality, social justice, protest, and liberation movements, American music or cultural history, empire and colonialism.

Restrictions: Students may not hold credit for this course and HIST-3604

HIST-3577 (3) Race and Ethnicity in U.S. History (3 hrs

Lecture/Seminar) This lecture/seminar course explores the critical study of race and ethnicity in the United States. The temporal and thematic focus of the course varies, but may include: histories of Black Americans, Asian Americans, racialized diasporic/(im)migrant communities, anti-racist and liberatory social movements, histories of American slavery, ideologies of race and/or ethnicity, race and the American city.

Restrictions: Students may not receive credit for this course and HIST-3605

HIST-3606 (3) Hawai'i and the United States (3 hrs

Lecture/Seminar) This lecture/seminar course on Hawai'i history focuses on Kanaka Maoli (Indigenous Hawaiian) perspectives and U.S. settler colonial critique. We analyze and discuss historical scholarship and theoretical readings alongside cultural texts (film, music, visual art, print media, and more) to learn the importance of non-traditional sources for critical historical inquiry. Topics include Kanaka Maoli epistemologies and cultural practice. Western encounter, the Hawaiian Kingdom, U.S. annexation and territorialization, tourism and consumerism, U.S. popular culture and cultural appropriation, World War II, Asian Americans in Hawai'i, Hawai'i statehood, the Hawaiian Sovereignty Movement, Indigenous cultural resurgence, and the ongoing fight for decolonization.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

HIST-3613 (3) Native American History to 1850 (3 hrs

Lecture/Seminar) This course examines how Indigenous peoples in what is now the United States, adapted to and resisted colonization from the time of European incursions in the sixteenth century until the expulsion of Indigenous nations from the US during the 1830s. Following an examination of the pre-colonial period, the processes of diseases, trade, warfare, diplomacy, dispossession, Christian missions, and colonial civilization policies are discussed from Indigenous perspectives. The course also considers the different sources and methods for interpreting Native American history. Students can take this course independently from HIST-3614.

Restrictions: Students may not hold credit for this course and HIST-3609.

HIST-3614 (3) Native American History From 1850 to the Present (3 hrs Lecture/Seminar) This course examines the adaptation and perseverance of Indigenous peoples in the United States from the mid-nineteenth century until the present. During this period, Native Americans confronted settler colonialism, were forced onto reservations, and were faced with colonial policies that ranged from assimilationist practices to promoting limited autonomy. Since the early twentieth century, court cases, new types of activism, and ongoing struggles for sovereignty and identity have shaped Native American experiences. The course also considers the different sources and methods for interpreting Native American history. Students can take this course independently from HIST-3613.

Restrictions: Students may not hold credit for this course and HIST-3609.

HIST-3615 (3 or 6) Material Culture in North American Indigenous History (3 hrs Lecture/Seminar) This lecture/seminar course traces North American Indigenous history from pre-contact times to the early 20th century through a close examination of Indigenous and fur trade material culture. Throughout the course of the fur trade Indigenous people and Europeans exchanged and adopted various technologies. These exchanges were of critical importance in shaping relations between Euro-American traders and Indigenous peoples. This course explores various ways in which Indigenous 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 Indigenous artefacts held and that European-introduced technologies and materials acquired.

Cross-listed: ANTH-3129

Restrictions: Students may not hold credit for this course and HIST-3515, ANTH-3126, or ANTH-3129

HIST-3616 (3) History of the Indigenous Peoples of the Northern Plains (3 hrs Lecture/Seminar) This lecture/seminar course traces the history of Indigenous 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, advancing European settlement, and the establishment of reservations/reserves constitute the major topics of this

course. In a comparative approach, this course explores critical differences and similarities in Indigenous history on both sides of the Canadian and US border.

Cross-listed: ANTH-3127

Restrictions: Students may not hold credit for this course and HIST-3518 and ANTH-3127.

HIST-3617 (3) Indigenous Peoples and Treaties (3 hrs Lecture/Seminar) 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 present day. The focus of the course is on treaties negotiated in North America but treaties made elsewhere may also be covered. Topics may include European and Indigenous diplomatic practices, the Niagara Treaty of 1764, Indigenous concepts of land-ownership, US and Canadian treaty policies, and the enduring struggles for treaty rights by Indigenous peoples. Restriction: Students may not hold credit for this course and HIST-3519

HIST-3619 (3) Indigenous Peoples & Christian Missions (3 hrs Lecture/Seminar) This course examines a selected number of encounters between Indigenous peoples and Christian missionaries from the early colonial period until the present day. The main geographic focus is North America but encounters in Latin America and elsewhere may also be considered. The course highlights the experiences of Indigenous peoples and how they adapted to and shaped Christian missions. Topics may include Spanish Catholic missions, Jesuit missions in New France, New England Puritan missions, Moravian missions, and missions and residential schools in Canada.

Restrictions: Students may not hold credit for this course and HIST-3119

HIST-3622 (3) Indigenous Peoples of Arctic Canada (3 hrs Lecture) 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 21st century.

Cross-listed: ANTH-3120(3).

Restrictions: Students may not hold credit for this course and ANTH-3120.

HIST-3623 (3) Indigenous Women's History (3 hrs Lecture/Seminar) This course examines Métis, Inuit and First Nations women's history in Canada. The course covers a variety of themes, including Indigenous women's health, labour and education history; histories of sexual, legal, and social regulation of Indigenous women; and formal, informal, local and national women's organizations. Students also engage in historical interpretation of a variety of different kinds of historical evidence and consider the creative work of Indigenous women in diverse cultural fields including art, film, music and literature.

Restrictions: Students may not hold credit for this course

and HIST-3523, IS-3523, or WGS-3523

HIST-3625 (3) History of the Métis (3 hrs

Lecture/Seminar) This lecture/seminar course examines the history of the Métis people from their origins in the fur trade era to the present. Key topics include the concepts of métissage and ethnogenesis, the buffalo hunt, resistance to colonialism, scrip, road allowance communities, the Sixties Scoop, and the Métis political revival of the late twentieth century. The seminars examine the important questions in Métis history, such as why a distinctive Métis identity developed among people of mixed Indigenous and European descent in some places but not others. Special emphasis is given to the work of Métis historians.

HIST-3632 (3) History of the Haudenosaunee Peoples

(3 hrs Lecture/Seminar) This lecture/seminar course examines the history of the Haudenosaunee peoples in Eastern North America from precontact until the present. Emphasis is placed on the Six Nations Confederacy and the Wendat (Huron) peoples living in Canada and the United States. Topics include the origins of the Confederacy, the fur trade and Christian missions, Colonial Wars and the destruction of Huronia in 1649, the dispersal and migration of Haudenosaunee communities through the Great Lakes region, and the influence of the Canada-US border on contemporary Haudenosaunee communities.

Cross-listed: ANTH-3136

Restrictions: Students may not hold credit for this course and HIST-3532, ANTH-3132, or ANTH-3136.

HIST-3633 (3) Indigenous Empires and Peoples in Latin American History, 1250-1800 (3 hrs

Lecture/Seminar) This course examines how Indigenous empires and peoples shaped Latin American history from the rise of the Aztec Empire in thirteenth-century Mesoamerica until the Indigenous rebellions in the Andes region in the late eighteenth century. Topics may include the Spanish invasion of the Indigenous Caribbean, the rise and fall of the Aztec and Inca empires, Maya persistence, Indigenous peoples in colonial Brazil and the Amazon, the Guarani missions, the Church campaigns against 'idolatry', Black-Indigenous relations, and Indigenous women and gender. Attention is also paid to the critical examination of primary sources, including those produced by Indigenous peoples.

HIST-3673 (3) Material Culture in Northern Plains Indigenous History, Field Course (Field Study | 3 hrs

Lecture/Seminar) This experiential-learning course explores ways in which Indigenous and European technologies complemented each other. The first half consists of seminar discussions and lectures at the University of Winnipeg. The second half takes place in the field, where students can work with Indigenous Elders from First Nations communities. Students learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents. There is a surcharge per student for this course to cover honoraria for Elders and knowledge keepers, food-related costs and costs for materials the students will be using.

Cross-listed: ANTH-3273

Restrictions: Instructor Permission Required. Students may not receive credit for this course and HIST-3571, HIST-3573, HIST-4573, ANTH-3273, and ANTH-4273
Restrictions: Instructor Permission Required. Students may not receive credit for this course and HIST-3571, HIST-3573, HIST-4573, ANTH-3273, and ANTH-4273

HIST-3690 (3) Indigenous Health History (3 hrs

Lecture/Seminar) This course introduces students to Indigenous health history focusing primarily on First Nations, Inuit and Métis experiences. Historical case studies will be drawn from the seventeenth to the twentieth centuries with a special emphasis on the impact of colonization on Indigenous medicine and Indigenous health in Canada.

Restrictions: Students may not hold credit for this course and HIST-3523 or IS-3590.

HIST-3701 (3 or 6) Modern Africa (3 hrs

Lecture/Seminar) This course studies African History from the slave trade to the age of independence. Emphasis is on the African response to European Ambition and the role of nationalism, ethnicity, religion and westernization in the shaping of modern Africa.

HIST-3703 (3) South Africa in the Modern World (3 hrs

Lecture/Seminar) 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 (3

hrs Lecture/Seminar) 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-3707 (3 or 6) Modern Africa through Print, Visual Media, and Song (3 hrs Lecture)

This course examines African history from 1884 to the present through print, visual media, and song. The course traces the historical and contemporary representation of Africa and Africans as understood by the Western World as well as the self-definition by Africans through print and visual media. It also considers the role representation has played based on socioeconomic and political structures in the continent overtime. It closely examines how representation contributed to the complexities of structures of dominance, gender, disparities, and power distribution between Africa and the West. The course situates each medium and song within its historical context.

HIST-3711 (6) History of Liberation Movements in Southern Africa (3 hrs Lecture/Seminar)

This lecture/seminar course examines the history of liberation movements in Southern Africa and their diverse efforts to attain independence. Particular focus is directed to the history of liberation movements in South Africa and Zimbabwe. Themes examined will include class, ethnicity, race, popular resistance and nationalism. Major topics will include the colonial background, roles of organizations, leadership, recruitment, political culture and ideologies.

HIST-3805 (3 or 6) Arts of the Arctic (3 hrs Lecture/Seminar) The course is an introduction to the arts in the Canadian Arctic. It covers briefly the prehistoric and historic periods with a particular focus on post 1949 and contemporary visual arts. The course familiarizes the students with the diversity of indigenous art - and more specifically Inuit art - in a range of media including sculpture, prints, drawings and textiles, video, film and digital media as well as contemporary performance practices. The history of the development of these art forms is studied in their social, political, economic and cultural context. Local collections are extensively utilized.
Note: Students may not receive credit for both the 3 credit and 6 credit version of this course.

HIST-3807 (3 or 6) Topics in Twentieth and Twenty-First Century Canadian Art (3 hrs Lecture/Seminar) This is an advanced lecture/seminar course examining various areas in twentieth and twenty-first Canadian art. The course addresses 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 course investigates issues that affect the country as a whole, within the global context. Assignments focus on art historical writing and criticism. The latter part of the course deals with aspects of Manitoba culture, for example, women artists. This involves individual student projects and primary research in local archives and collections.
Restrictions: Students may not hold credit for this course and HIST-3821 | HIST-3822.

HIST-3809 (3 or 6) Art in the Age of Revolutions (3 hrs Lecture/Seminar) This lecture/seminar course focuses on the major artistic movements of Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism within the context of the social and political upheavals of the late eighteenth and nineteenth century. This course explores 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 may not hold credit for this course and HIST-3817 | HIST-3818.

HIST-3810 (3 or 6) Art in the Twentieth-Century (3 hrs Lecture/Seminar) This course introduces the development of abstraction and expression in art from 1900 to 2000, 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 are addressed within a framework of critical analysis, including formalism, Marxism, the feminist critique, and post-modern deconstruction. A wide range of media is explored including the arts of film, dance, sculpture, painting, and architecture.
Restrictions: Students may not hold credit for this course and HIST-3819 | HIST-3820.

HIST-3811 (3 or 6) Gender, Art, and Art History (3 hrs Lecture/Seminar) Employing an intersectional feminist approach, this course addresses how gender and sexuality impact the creation and study of visual arts in western art history. Focusing on the roles, experiences and representation of women in western art, this course also ignites learning about masculinities and aesthetics, queer art and activism, and gendered racism. Art history lectures are complimented with critical dialogue sessions, four art-making workshops, and opportunities to visit with practicing artists, art historians and curators. No art-making experience required.

HIST-3813 (3) Art History in Focus I (3 hrs Lecture/Seminar) 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 or 6) Indigenous Arts (3 hrs Lecture/Seminar) This lecture/seminar course offers an introduction to the arts of indigenous peoples with a focus on contemporary First Nations and Métis 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 art production in Manitoba.

HIST-3816 (6) Art and Architecture of Pilgrimage (3 hrs Lecture/Seminar) 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-3825 (3 or 6) Theories and Methods for Art History (3 hrs Lecture/Seminar) This lecture/seminar course explores various art historical and critical approaches to the study of visual art and curatorial practice. Students investigate various theoretical approaches, for example, Indigenous curatorial practices and methodologies, race, gender, queerness, concepts of diversity and inclusion. Issues around accessibility, difficult knowledge, visual analysis, biography, iconography, the art market, as well as techniques and conservation may be considered. Students put into practice art historical research methods, visual methodologies, embodied knowledge, and contemporary curatorial theories through written assignments, experiential assignments and, whenever possible, field trips to local sites and exhibitions that take place during class time.

HIST-3826 (3) Art History in Focus II (3 hrs Lecture/Seminar) This 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-3828 (3 or 6) Dada & Surrealism: Art of the Unconscious (3 hrs Lecture/Seminar) This course examines the art and ideology of the Dada and Surrealist movements in the twentieth century. Dada and Surrealist artists rejected Enlightenment values, which they felt had led to World War I, and instead celebrated the irrational side of mind. Dada artists experimented with elements of chance in order to devalue the role of the artist, and the Surrealists explored the unconscious mind using automatic drawing techniques and dream inspired imagery. These movements were interdisciplinary, and in that spirit we examine art, literature, performances and films. Emphasis is also given to the role women played in these movements.
Restrictions: May not hold credit in this course and HIST-3813 if the topic was Dada and Surrealism.

HIST-3832 (3) Art, Design, and the City (3 hrs Lecture/Seminar) This lecture/seminar course examines ideas about cities and urban life. Topics may include Indigenous understandings of place and space, colonialism, public art and urban design, race, gender, disability and sexuality, Modernist utopias of the city, urban landscape and contemporary theories, and practices of urban planning. The course investigates concepts of the land and landscapes as frameworks for both the natural and built environment. The course examines how humans have transformed and manipulated space over time, while simultaneously developing cultures that encompass a range of ideas and attitudes towards landscape, place, identity, narrative and community.

HIST-3833 (3) From the Reel to the Digital: Indigenous Film and New Media Art (3 hrs Lecture/Seminar) This course explores how Indigenous artists have used digital technology, video, and film to engage with colonization, assimilation, residential schools, and other government policies in Canada and across the globe. The course themes are examined through the theoretical frameworks of visual, cultural, queer, and gender studies. These frames assist in analyzing how Indigenous artists create a visual language of resistance, revitalization, and decolonization. Artists explore topics such as the land, language, identity, sovereignty, environmental racism, economic development, health, music, art, dance, human rights, and spirituality through various media and artistic practices.

HIST-3834 (3) Beyond Wilderness: Visual Culture in Canada (3 hrs Lecture/Seminar) This lecture/seminar course examines the central role of the wilderness and concepts of landscape in historical and contemporary Canadian art. We explore how notions of wilderness and landscape have been constructed, circulated, gendered, and overturned in art history discourse. Manifestations of the wilderness and place in art are examined through

social, economic, political, and cultural factors. Historical and intellectual frameworks might include nationalism, feminisms, colonialism, industrialism, events such as Railway construction, Wembley Exhibition, Oka Resistance, key individuals and groups of artists, social movements, and other key events in Canadian history.

HIST-3835 (3) Artistic Interventions of Board & Subcultures (3 hrs Lecture/Seminar) This lecture/seminar course engages with critical theories and practices in contemporary art, culture and design in relation to board and subcultures. Surfing, skateboarding, snowboarding, graffiti, and music such as punk and rap have a long history of disrupting public space and place. This course investigates how people make meaningful connections with these communities through the skate park, board videos, outdoor festivals and concerts. It reflects on key concepts in critical race theory, feminist, anti-oppressive and collaborative methodologies in conjunction with board and subcultures by drawing on the unique geographic locations of each of these subcultures within Canada and globally.

HIST-3840 (3 or 6) Seventeenth Century Art (3 hrs Lecture/Seminar) This course explores the visual arts of Italy, France, England, Spain, and the Netherlands against the background of the social, economic, political and religious change in the seventeenth century. Some of the topics we consider include the position of women artists, the cultural effects of colonialism, the natural sciences, art collecting and the emergence of the art market.
Restrictions: Students may not hold credit for this course and HIST-3803.

HIST-3841 (3 or 6) Arts of the Middle Ages (3 hrs Lecture/Seminar) This lecture/seminar course is an introduction to the study of medieval art and architecture in Europe, from the demise of Late Antique traditions up to the Renaissance. In the context of a thematic survey, students are introduced to the terminology, methods, materials, subject matter and function of medieval art and architecture. Since the largest proportion of surviving materials is religious, this includes a firm grounding in the medieval Christian tradition and the nature of the prominent institutions of Church and state. Secular art is considered where possible or appropriate, and broader issues of material culture are explored.

HIST-3842 (3 or 6) Italian Renaissance Art (3 hrs Lecture/Seminar) This lecture/seminar course is an introduction to the study of Italian Renaissance art and architecture in the context of the social, political and economic circumstances of this time. This course traces the history of painting, sculpture and architecture of the mid-14th to the 16th century. More specific topics explore the virtuosity and philosophies of realism, the discovery of linear perspective, the artists' social and intellectual status, art patronage, and gender issues (women artists and women's art patronage). Some artists/art patrons are considered more in depth, such as Leonardo da Vinci, Michelangelo, and Isabella d'Este, among others.

HIST-3843 (3 or 6) Northern Renaissance Art (3 hrs Lecture/Seminar) This lecture/seminar course is an

introduction to the study of art and architecture of the mid-14th to the 16th century Northern regions of Western Europe (France, England, Germany and the Netherlands) in the context of the social, political, and economic circumstances of this time. More specific topics should capture our attention, such as the development of panel and manuscript paintings, prints, the rise of realism and secular subjects in the arts, the transformation of the artist's status, and art patronage.

HIST-3902 (3) The Darwinian Revolution (3 hrs Lecture/Seminar) 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 may not hold credit for this course and HIST-2906 | HIST-3906.

HIST-3903 (3) Classical and Medieval Science (3 hrs Lecture/Seminar) 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 places their ideas and the work of the schools of Greece, Rome, and medieval Europe within their social, cultural, and intellectual contexts.
Cross-listed: CLAS-3090(3).
Restrictions: Students may not hold credit for this course and CLAS-3090 | HIST-3211.

HIST-3911 (3) History of Madness and Psychiatry (3 hrs Lecture/Seminar) This course explores the different ways in which mental health and illness have been imagined, theorized, classified, and treated in the Western world from Antiquity to the present. The course looks at the lived experiences of people deemed to be "mad", and considers the philosophy and practices of those who attempted to treat madness, including psychiatrists. The course shows how intellectual, social, cultural, political, technological and other factors have interacted over the centuries to produce complex and ever-changing views of mental health and illness.

HIST-3913 (3) The History of Disease (3 hrs Lecture/Seminar) 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 (3 hrs Tutorial) This is a reading course by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4007 (3) Historical Methods & Practices (3 hrs Seminar/Discussion) This seminar introduces students to the practices and methods in the discipline of History. The course explores theoretical and methodological issues of the discipline of History through an examination of diverse thematic fields. Attention is also paid to new methods as well as controversies in the discipline.
Restrictions: Honours Form Required. Department Permission Required.

HIST-4100 (6) Tutorial (3 hrs Tutorial) This is a reading course in World History taken by individual senior students with the Instructor of their choice.
Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4103 (3 or 6) Colonization and the Age of Modernity in Latin America (3 hrs Seminar/Discussion) 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.
Restrictions: Honours Form Required.

HIST-4111 (3 or 6) Frontiers and Borderlands (3 hrs Seminar/Discussion) 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, students apply these concepts to Ancient Rome, China, the Eurasian steppe, South Africa, the Americas, and Australia. Students pay considerable attention 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.
Restrictions: Honours Form Required.

HIST-4112 (3 or 6) History of the Atlantic World (3 hrs Seminar/Discussion) This seminar uses the concept of an Atlantic World to examine the connections between Europe, the Americas, and West Africa from the first wave of European overseas expansion (1450-1500) to the Age of the Atlantic Revolutions (1775-1825). Topics may include the concept of Atlantic history, cultural contacts, religious exchanges, slavery and the slave trade, ecology and environment, commerce, migration, women and gender, and political ideas.
Restrictions: Honours Form Required.

HIST-4113 (3 or 6) Slavery in the Americas (3 hrs Seminar/Discussion) This course examines selected topics in the history of enslavement and race relations in North America, Latin America, and the Caribbean from 1600 to the present.
Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4102.

HIST-4121 (3 or 6) Sex, Race, and Gender in Early Modern Europe (3 hrs Seminar/Discussion) This senior

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. This seminar explores these ideas in the context of early overseas colonization.

Restrictions: Honours Form Required.

HIST-4130 (3 or 6) History and Memory (3 hrs Seminar/Discussion) This seminar examines the field of memory studies through a comparative transnational survey (with a focus on Europe and the Americas). Memory studies ask not "What happened in the past?" but rather "How did individuals and groups remember the past?". To answer this question, historians study oral history and other forms of informal communication, formal history education, museums, monuments, film, and photography. Students learn about major concepts such as historical consciousness; narrativity; collective memory, public history; culture and politics of history, including "history wars".

Restrictions: Honours Form Required.

HIST-4200 (6) Tutorial (3 hrs Tutorial) This is a reading course in Pre-Industrial Europe by individual senior students with the Instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4213 (3 or 6) Topics in Early Modern Women's History (3 hrs Seminar/Discussion) This 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 covers various themes in women's history such as marriage/widowhood law, economy, politics, religion, etc.

Restrictions: Honours Form Required. Students may not hold credit for this course and HIST-4120.

HIST-4218 (3 or 6) Topics in Medieval Culture (3 hrs Seminar/Discussion) This seminar studies selected aspects of the cultural, social, and religious life during the Middle Ages in Europe. Topics may include the popular and scholarly knowledge of and beliefs concerning the world and humanity, the transmission of this knowledge, the place of humankind in the world, and the role of the Church in society.

Restrictions: Honours Form Required.

HIST-4300 (6) Tutorial (3 hrs Tutorial) This is a reading course in Modern European History taken by individual senior students with the Instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4315 (6) Europe in Crisis, 1914-1945 (3 hrs Seminar/Discussion) 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: Honours Form Required. Students may not hold credit for this course and HIST-4304.

HIST-4317 (3 or 6) Studies in Modern Russian History (3 hrs Seminar/Discussion) This seminar covers 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: Honours Form Required.

HIST-4403 (3 or 6) Topics in Colonial and Postcolonial South Asian History (3 hrs Seminar/Discussion) This seminar addresses the debates that have arisen in the literature of modern South Asian history concerning colonial and postcolonial histories. Topics may include the nationalist movement, communalism, partition, issues of caste and class, movements for women's rights and feminism, the rise of the Hindu right, *dalit* politics, *adivasi* movements, rural and urban poverty, environmental histories, labour and industrialization, education and economic liberalization.

Restrictions: Honours Form Required.

HIST-4500 (3 or 6) Tutorial (3 hrs Tutorial) This is a reading course in Canadian or United States History taken by individual senior students with the Instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4530 (3 or 6) Advanced Studies in Canadian Social History (3 hrs Seminar/Discussion) This seminar addresses the interpretations and debates that have arisen in the literature on Canadian social history. Students also undertake a research project using primary sources to explore a problem of relevance to the course. Topics may be chosen from Indigenous and ethnic histories; social classes, business and labour histories; the history of the family, women, and gender relations; and cultural and intellectual history. Please see the Department for a specific course description. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

HIST-4535 (3 or 6) Immigration and Ethnicity in Canada and the United States (3 hrs Seminar/Discussion) This 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. Students discuss the similarities and differences in the Canadian and American immigration experience.

Cross-listed: MENN-4535(3/6).

Restrictions: Honours Form Required. Students may not hold credit for this course and MENN-4535.

HIST-4570 (3 or 6) Settler Colonialism (3 hrs Seminar/Discussion) This seminar course examines the history of settler colonialism, primarily in the North American

context. It unpacks the concept of settler colonialism from a theoretical perspective, and samples recent historical scholarship on relations between settlers and Indigenous peoples in Canada and the United States. The course addresses the historical processes and structures that aimed to dispossess and eliminate Indigenous nations while at the same time building new settler societies at the local and national levels. Topics may include, sovereignty claims, warfare, land tenure, legal status, and assimilation. Students engage in primary source analysis related to the course content.

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4105.

HIST-4576 (3 or 6) U.S. History: Advanced Studies (3 hrs Seminar/Discussion) This seminar explores advanced topics in the study of United States history. The temporal or thematic focus of the course varies. Topics may include intellectual or cultural history, protest and activist movements, settler colonialism and decolonization, diaspora and immigration, gender and sexuality, or race and racism in the U.S. context.

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and HIST-4605.

HIST-4580 (3 or 6) The Interpretation of Canadian History (3 hrs Seminar/Discussion) This seminar addresses the ways in which the interpretation of Canadian history has changed from the mid--nineteenth century to the present. Students explore the professionalization of history in Canada, the relationship between academic and vernacular forms of history, the key interpretive debates that have shaped the study of Canada's past, and the similarities and differences between Indigenous, French and English Canadian historiographies.

Restrictions: Honours Form Required.

HIST-4600 (3 or 6) Tutorial (3 hrs Tutorial) This is a reading course in Indigenous History taken by individual senior students with the Instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4614 (3 or 6) Indigenous History: Advanced Studies (3 hrs Seminar/Discussion) This seminar course explores selected topics, theory, methods, and approaches in Indigenous history in the North American context. The geographic and temporal focus of the course varies and topics may include: state-run healthcare, education and child welfare institutions, legal regulation, family and kinship, land and resources and resistance movements and activism. Special attention is paid to historical methods including archival research, oral history, census work and mapping. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and HIST-4514.

HIST-4673 (3) Material Culture in Northern Plains Indigenous History, Field Course (Field Study | 3 hrs

Lecture/Seminar) Material Culture in Northern Plains Indigenous History, Field Course This experiential-learning course explores ways in which Indigenous and European technologies complemented each other. The first half consists of seminar discussions and lectures at the University of Winnipeg. The second half takes place in the field, where students can work with Indigenous Elders from First Nations communities. Students learn about and experience traditional technologies, such as tanning hides and/or manufacturing archery equipment, while being accommodated in traditional tipis and/or modern tents. There is a surcharge per student for this course to cover honoraria for Elders and knowledge keepers, food-related costs and costs for materials the students will be using.

Cross-listed: ANTH-3273/4273, HIST-3673

Restrictions: Instructor Permission Required. Students may not receive credit for this course and HIST-3571, HIST-3573, HIST-4573, ANTH-3273, and ANTH-4273

HIST-4700 (6) Tutorial (3 hrs Tutorial) This is a reading course in African History, taken by individual senior students with the Instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4701 (6) Studies in Modern African History (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

HIST-4702 (6) Southern Africa (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

HIST-4800 (3 or 6) Tutorial (3 hrs Tutorial) This is a reading course in History of Art, taken by individual senior students with the instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4801 (3 or 6) Special Topics in Art History (3 hrs Seminar/Discussion) This is a seminar devoted to specific issues in or related to art history. The nature and range of topics depends upon the Instructor. Written information about the course for any given year is available to the student from any Art History Instructor. This course may be repeated once for credit when the topic varies.

Restrictions: Honours Form Required.

HIST-4803 (3 or 6) Gothic Revival Art & Architecture in Winnipeg (3 hrs Seminar/Discussion) This course introduces students to a critical history of Gothic Revival architecture in Winnipeg (c. 1830 to 1930). We explore - through the writings of its initiators - the origins of the Gothic Revival movement in Europe and North America, and examine how it reached Winnipeg in the 19th century.

Students are introduced to the notion of style, forms and function in architecture, learn to work with archival material (primary and secondary sources) related to historical architecture, to document and comprehend a building and its ornamental components (painting, sculpture, and stained glass), and to write about heritage art and architecture.

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and HIST-4891.

HIST-4804 (3 or 6) Art History Field School (3 hrs Apprenticeship/Internship/Practicum) Art historians and curators study transnational art and architecture, and field courses are an opportunity for students to experience art and architecture in person, to merge theory with practice. The site visits vary depending on the destination, but each trip offers an experiential learning environment which contextualizes historic and contemporary information through a critical lens. Field work could include studying art, architecture, curatorial installations, and participating in internships or practicum. Faculty guide students through a series of preparatory meetings, site visits, tours of museums, exhibitions, meeting artists and cultural workers. Course may be repeated for credit when topics vary.

Restrictions: Honours Form Required.

HIST-4805 (3) Public Art and Other Ruptures (3 hrs Seminar/Discussion) This seminar course engages with critical theories and practices in contemporary art, public space and place. It investigates how people make meaningful connections with communities and places through art. This exploration is grounded in night festivals/exhibitions such as Nuit Blanche (Toronto, Paris, Sydney) and large-scale public art installations in major cities which have been pushing the boundaries of public and private spaces. This course reflects on key concepts in critical race theory, feminist, anti-oppressive and collaborative methodologies.

Restrictions: Honours Form Required. Department Permission Required.

HIST-4807 (3) Interactive and Digital Media Art (3 hrs Seminar/Discussion) This seminar and creation-based course engages with critical theories and practices in interactive and digital media. Artistic practices have continued to flourish and with new technologies evolving at a rapid pace through coding, data, research, design and storytelling through interactive and digital media. This course explores media labs, interactive studios, green screen, gaming and artistic creation. Exposure to creation in sound/sonic, projection, Extended Reality (XR), Virtual Reality (VR), Augmented Reality A/R, animation, games, video, graphics, photos, data visualization and more. Drawing on the unique area of digital creation reflecting on the importance of creative interventions within Canada and globally.

Restrictions: Honours Form Required.

HIST-4815 (3 or 6) Cultures of the Past: Art History and Memory (3 hrs Seminar/Discussion) This course brings students into first hand contact with selected art objects from the past centuries. Students are introduced to the concepts of periodization and conservation of old art

objects, and learn how to document, analyse and write about the art objects which are kept in local institutions. The class examines works in their social, historical and artistic contexts, using primary and secondary sources and technical resources available locally. Students learn the practical aspects of art historical work. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

HIST-4830 (3 or 6) The Idea of the Museum (3 hrs Seminar/Discussion) Museums and galleries do more than collect and exhibit objects; they participate in the packaging and presentation of the materials and ideas of culture, engaging with a diverse public and multiple stakeholders. Students examine the collecting, exhibiting and presentation practices of European and North American museums and galleries over the last two centuries with the goal of understanding their evolving role. The class explores how museums developed in response to the ideas of collecting and connoisseurship, the disciplines of art history and museology, and how these institutions reflect or relate to different ideologies, such as nationalism and colonialism.

Note: This used to be titled The History of Museum and Collecting.

Restrictions: Honours Form Required.

HIST-4831 (6) Practicum in Curatorial Studies (3 hrs Apprenticeship/Internship/Practicum) This course combines the theory and practice of curatorial work, public history and experiential learning for students interested in achieving a university credit by working with a local museum or art gallery. The Practicum provides opportunities to explore a range of placements with host institutions in order to learn about being a curator. Students are expected to work 6-8 hours a week in the host institution. Program partners will provide training for the interns who have chosen to work with them. Partnership opportunities include, but are not limited to Winnipeg Art Gallery, Plug In Contemporary Art Institute, Buhler Gallery, and other local galleries and museums.

Restrictions: Honours Form Required.

HIST-4833 (3 or 6) Indigenous Theory and Curatorial Practices (3 hrs Seminar/Discussion) This seminar examines critical theories and practices in Indigenous contemporary art and curatorial methods. Topics may include Indigenous theory, curatorial methods and methodologies, concepts in art history, museum studies, colonialism, place, race, gender, ability, and sexuality. The course concentrates on galleries, museums, and contemporary arts institutions within Canada.

Restrictions: Honours Form Required.

HIST-4900 (6) Tutorial (3 hrs Tutorial) This is a reading course in the History of Science, taken by individual senior students with the Instructor of their choice.

Restrictions: Permission of Chair and Instr. Honours Form Required.

HIST-4902 (3 or 6) Topics in the History of Science or Medicine (3 hrs Seminar/Discussion) In this course students study in depth a topic in the history of science or medicine. The topic varies from year to year and may

include for example a focus on a particular time period, the history of a specific branch of science or medicine, or distinct historiographical perspectives and genres. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

HIST-4910 (3 or 6) Themes in the History of Medicine

(3 hrs Seminar/Discussion) This seminar covers various aspects of the history of medicine which may 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.

Restrictions: Honours Form Required.

HUMAN RIGHTS

HR-1200 (3) Introduction to Global Citizenship (3 hrs Lecture) In this course students trace the historical development of the idea of "global citizenship," interrogating the meanings, contradictions and contentions associated with this term. Through guest speakers and student research on specific issues and injustices that are present in Manitoba communities, and which also have global connections or manifestations, students examine current practices aimed at fostering global citizenship. The future of concepts related to global citizenship is addressed by analyzing rights and democratic citizenship and asking how such rights should be articulated and advanced.

Cross-listed: IDS-1200(3).

Restrictions: Students may not hold credit for this course and HRGS-1200 | IDS-1200.

HR-2100 (3) Concepts and Conventions in Human Rights (3 hrs Lecture) The course explores the historical development of human rights concepts and the major international human rights conventions and instruments. Students become familiar with the breadth of the landscape of human rights including political, civil, social, economic and cultural rights.

Restrictions: Students may not hold credit for this course and HRGS-2101 | POL-2101.

HR-2200 (3) History of Human Rights in Canada (3 hrs Lecture) This course examines the history of human rights within the Canadian context including key federal, provincial and municipal legislation as well as critical human rights institutions. The course explores the evolution of the human rights in Canada in relation to their international counterparts, and historical discrimination in Canada in areas such as immigration, employment and housing, internment of minority populations, gender, sexuality, anti-Semitism and treatment of Indigenous peoples.

Cross-listed: HIST-2512(3).

Restrictions: Students may not hold credit for this course and HIST-2512.

HR-2310 (3) Refugees, Resettlement and Resilience (3 hrs Lecture) Drawing on interdisciplinary literatures of forced migration and social inclusion, this course examines the challenges and opportunities that people encounter in rebuilding their lives after forced displacement. While considering experiences of forced migration around the world, the course focuses primarily on the experiences of refugees in Canada related to social integration, employment and public services. Students learn to employ key concepts from the literatures in order to analyze case studies and strategies to improve services for and integration of refugees in local communities.

Restrictions: Students may not hold credit for this course and HRGS-2310.

HR-2540 (3) Global Human Rights Advocacy (3 hrs Seminar/Discussion) This course provides knowledge and strategies for addressing current human rights topics. Through the readings from the literature of community engagement and activist assignments participants build awareness, develop confidence and acquire the tools to

effectively engage in human rights campaigns. This course links participants to national and international social justice and human rights organizations working on related issues.

Restrictions: Students may not hold credit for this course and HR-2550.

HR-2600 (6) Emerging Issues in Human Rights (3 hrs Lecture) This intensive course is designed to introduce students, in a range of disciplines and students entering university, to challenges and opportunities in global to local human rights, by cultivating foundational skills for academic success. In both classroom and community settings, students explore global issues using the city as our human rights 'campus' through current news items, literature, and social analysis from diverse perspectives, shaped by research expertise in Global College. The course is structured to strengthen skills in critical thinking and analysis, writing, oral/social media presentations within a human rights framework, for increasing student capabilities in a range of post-secondary academic programs.

HR-2650 (3 or 6) Special Topics in Human Rights (3 hrs Lecture) The nature and range of topics will vary, depending upon the expertise of the instructor. Students should consult the Human Rights advisor or Global College website for information about specific iterations of the course. The course may be repeated if the topic varies.

HR-3003 (3) Gendercide (3 hrs Lecture) This course examines gendercide in a comparative and global-sociological perspective. It explores two central propositions: that the framing should be an inclusive one, encompassing the experiences of both women/girls and men/boys and that recognition and amelioration of the phenomenon is a matter of the highest urgency. Themes may include theories of gendercide, sexual violence as a genocidal weapon, and the relevance of feminist and masculinity studies literatures for the study of gendercide. Case studies vary from year-to-year.

Cross-listed: SOC-3003(3).

Restrictions: Students may not hold credit for this course and SOC-3003.

Requisite Courses: SOC-1101 [prerequisite(s)].

HR-3210 (3) Human Rights Institutions (3 hrs Lecture) This course analyzes the role of specialized Canadian and international human rights institutions, such as human rights commissions and tribunals. The course provides an understanding of the legislative frameworks for select institutions and procedures for accessing selected human rights institutions, and assesses the societal impact of such commissions and tribunals through their educational functions as well as case decisions.

Requisite Courses: HR-2100 or HR-2200 or HRGS-2101 or POL-2101 [prerequisite(s)].

HR-3272 (3) Refugees and Forced Migration (3 hrs Lecture) Global trends continue to show unprecedented numbers of forcibly displaced people worldwide. Countries have struggled with how to assist refugees and internally displaced people. Less than one percent of refugees under

UNHCR mandate are resettled in other countries. This course explores the root causes of forcibly displaced people; the costs associated with such movements, including economic, physical, and mental health; the responses of world governments; and the work of resettlement agencies in assisting refugees. The issues and lessons learned from the experience of resettling and integrating refugees around the world are studied, including in Canada.

Cross-listed: CRS-3272(3).

Restrictions: Students may not hold credit for this course and CRS-3272.

Requisite Courses: CRS-1200 or HR-1200, or permission of the instructor [prerequisite(s)].

HR-3410 (3) Models of Transitional Justice (3 hrs Lecture) 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.

Cross-listed: CRS-3410(3).

Restrictions: Students may not hold credit for this course and CRS-3410.

Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 [prerequisite(s)].

HR-3510 (3 or 6) Practicum in Human Rights (3 hrs Apprenticeship/Internship/Practicum) In the Practicum, students integrate theory and classroom knowledge with practice through supervised field work and structured assignments and reflections. The practicum involves volunteer work related to Human Rights in a relevant organization, and participation in specified seminars and/or written analyses.

Note: Enrolment is subject to approval of a practicum proposal submitted by a student with a declared major in Human Rights. Interested students are advised to consult the Human Rights Coordinator well in advance of the term in which they wish to enroll.

Requisite Courses: HR-2100 and HR-2200 or the former HRGS-2101 or the former POL-2101 [prerequisite(s)].

HR-3511 (6) International Practicum in Human Rights (Apprenticeship/Internship/Practicum with variable meeting hours) In the International Practicum students integrate theory and classroom knowledge with practice through supervised field work and structured assignments and reflections. The practicum involves 3 months of a minimum of 30 weekly hours of volunteer work related to Human Rights in a relevant organization in an international setting, and participation in specified seminars and/or written analyses. Interested students are advised to consult with the Human Rights Practicum Coordinator well in advance of the term in which they wish to enroll.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and HR-3510.

Requisite Courses: HR-2100 and HR-2200 [prerequisite(s)].

HR-3550 (3) Human Rights, Human Security & the UN (3 hrs Lecture) This course explores the UN and its principal organs and related agencies, with particular attention to the Security Council and the Council's use of thematic and country-focused resolutions related to human rights and human security. Topics include women in war and peacebuilding, and the role of civil society organizations in promoting human rights agenda at the UN, and Canada's role in these debates.

Requisite Courses: HR-2100 or HR-2600 [prerequisite(s)].

HR-3650 (3 or 6) Special Topics in Human Rights (3 hrs Lecture) The nature and range of topics vary, depending upon the expertise of the instructor. Students should consult the Human Rights coordinator or Global College website for information about specific iterations of the course. The course may be repeated if topic varies.

Restriction: Students cannot receive credit for HR-3650 if already received credit in HR-3650.

HR-3750 (3 or 6) Directed Readings in Human Rights (3 hrs Directed Reading) In this course, readings and assignments in the area of Human Rights are arranged between an individual student and the instructor. Topics may not duplicate regular course offerings in Human Rights or other departments. This course is an opportunity to explore a specialized topic in the inter/multidisciplinary context of the field. Examples of potential topics: exploring the human rights implications of environmental policies; examining the application of the UN Guiding Principles on Business and Human Rights; studying representations of human rights in the creative arts; or analyzing the Truth and Reconciliation Commission's Calls to Actions through a human rights lens.

Note: Students may not take more than 6 credit hours of Directed Readings in Human Rights.

Restrictions: Instructor Permission Required.

Requisite Courses: HR-2100(3) or HR-2200(3) or permission of the instructor [prerequisite(s)].

HR-3931 (3) Human Rights and Conflict Resolution (3 hrs Lecture) Human rights advocates and conflict resolution practitioners both aim to build peaceable societies based on mutual respect and the rule of law. Rights advocates typically push the justice agenda while conflict resolution practitioners strive for transformation often without utilizing human rights norms and institutions as a basis for stability. This course systematically evaluates the tensions and parallels between the two fields, examining some of the ways in which human rights and conflict resolution scholars and practitioners can interact in their approaches. Basic human rights concepts are introduced and case studies are used in an exploration of the issues.

Cross-listed: CRS-3931(3).

Restrictions: Students may not hold credit for this course and CRS-3931.

Requisite Courses: CRS-1200 or permission of the instructor [prerequisite(s)].

HR-4001 (3) Capstone Seminar on Human Rights (3 hrs Seminar/Discussion) 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 evolution of human rights. The course is taught within a multidisciplinary theoretical framework. This seminar provides a forum for synthesis and reflection on the human rights degree including integration of experiential and theoretical knowledge gained through the practicum and coursework.

Note: Students must have declared a major in Human Rights to take this course.

Requisite Courses: HR-3510 or permission of the instructor [prerequisite(s)].

HR-4025 (3) Indigenous Languages: Culture, Rights, and Conflicts (3 hrs Seminar/Discussion) Indigenous languages are an integral part of Indigenous peoples' identity, worldview and culture. It is however, currently estimated that up to ninety per cent of the world's Indigenous languages are likely to disappear by the end of the century. This course is designed to give students an overview of Indigenous language issues related to culture, advocacy, revitalization, and resistance. Students are encouraged to critically compare and contrast the treatment of Indigenous languages through legislation, policy, grassroots activism, and educational and systemic efforts in countries such as Canada, the United States, New Zealand, Norway, and Sweden.

Cross-listed: LING-4025(3), IS-4025(3)

Restrictions: Students may not hold credit for this course and IS-4025 | LING-4025.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

HR-4210 (3 or 6) Human and Indigenous Rights in Latin America (3 hrs Seminar/Discussion) Indigenous nationalities and other marginalized minority groups in Latin America have developed innovative strategies, alliances and forms of political participation to achieve recognition of their rights and to contribute to new political configurations in the region. This course studies the dynamic situation of Indigenous and human rights and social conflicts in Latin America. Topics included contested definitions of individual and collective rights, responses to human rights abuses, and intersections between human rights frameworks and related peacebuilding processes. A country or sub-region may be selected for an in-depth case study, and may vary in different times that the course is offered.

Cross-listed: IS-4028(3).

Restrictions: Students may not hold credit for this course and IS-4028.

Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 [prerequisite(s)].

HR-4350 (3) Post-Conflict Truth, Memory, and Reconciliation (3 hrs Seminar/Discussion) 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.

Cross-listed: CRS-4350(3).

Restrictions: Students may not hold credit for this course and CRS-4350.

Requisite Courses: HR-3410, CRS-3410, or the former HRGS-3410, or permission of the instructor [prerequisite(s)].

HR-4450 (3) Human Rights Approaches to Health (3 hrs Seminar/Discussion) This course identifies, locates, and examines the complicated intersection between human rights and health in law, policy, and lived reality. Taught from a multi-disciplinary framework, the course analyzes the content, justiciability and realization of international right to health provisions and the meaning of these provisions in different cultural and socio-economic contexts. Through contemporary debates and case studies, the course examines the interaction between various human rights approaches (cultural rights, right to development, environmental rights, women's rights, Indigenous rights) and health approaches (public health, global health, environmental health, social determinants of health).

Requisite Courses: HR-2100 or HR-2200 [prerequisite(s)].

HR-4650 (3 or 6) Special Topics in Human Rights (3 hrs Lecture) The nature and range of topics will vary, depending on the expertise of the instructor. Students should consult the Human Rights Advisor or Global College web site for information about specific iterations of the course. The course may be repeated if topic varies.

Requisite Courses: HR-2100(3) and HR-2200(3) (or the previous HRGS-2101(6) or the previous POL-2101(6)) [prerequisite(s)]; and at least 6 additional credit hours in HR, or permission of the instructor [prerequisite(s)].

HR-4671 (3 or 6) Independent Study in Human Rights (3 hrs Directed Reading) An independent study is an individualized course of study or research for advanced students under the supervision of a faculty member. The faculty supervisor and the student develop a program of reading or research. Typically the student is required to prepare a major paper or other research project and to take an oral examination.

Restrictions: Instructor Permission Required.

HR-4704 (3) Health and Sustainable Development (3 hrs Seminar/Discussion) This course explores the realisation of health rights within an Indigenous rights and self determination context. With a focus on population health, the course explores social, cultural, economic, and political forces shaping health ideology for Indigenous populations. Health frameworks addressed include social determinants of health, structural inequality, Indigenous land based approaches to health, historical and intergenerational trauma, and self-determination. Students explore strategies that Indigenous communities employ to move towards the realisation of the right to self-determination in health care and the meaning of health rights an Indigenous context.

Requisite Courses: HR-2100 and UIC/POL/IS-2020 or permission of the Instructor [prerequisite(s)].

HR-4750 (3 or 6) Directed Readings in Human Rights

(3 hrs Directed Reading) In this course, readings and assignments in the area of Human Rights are arranged between an individual student and the instructor. Topics may not duplicate regular course offerings in Human Rights or other departments. This course is an opportunity to explore a specialized topic in the inter/multidisciplinary context of the field. Examples of potential topics: exploring the human rights implications of environmental policies; examining the application of the UN Guiding Principles on Business and Human Rights; studying representations of human rights in the creative arts; or analyzing the Truth and Reconciliation Commission's Calls to Actions through a human rights lens.

Note: Students may not take more than 6 credit hours of Directed Readings in Human Rights.

Restrictions: Instructor Permission Required.

Requisite Courses: HR-2100(3) or HR-2200(3) or permission of the Instructor [prerequisite(s)].

INDIGENOUS LANGUAGES

IL-1408 (3) Indigenous Languages: Resilience & Identity (3 hrs Lecture) This course lays a foundation for Indigenous language learning and revitalization work with First Nations, Métis, and Inuit communities. The course examines Indigenous languages of Manitoba and the changes that have occurred due to colonization and assimilation. Students learn Creator's Laws and Sacred Teachings regarding language. This course also examines the trauma that has been inflicted on First Nations, Métis, and Inuit languages and speakers, through educational and other policies. Discussions focus on suggested solutions to endangerment and loss of Indigenous linguistic diversity. Languages such as Ojibwe, Cree, Ojibwe-Cree, Dakota, Michif, and Inuktitut are highlighted for analysis.

Restrictions: Students may not hold credit for this course and ANTH-2408 | LING-2105.

IL-2501 (3 or 6) Oral Immersion in Cree (3 hrs Lecture | 1 hrs Lab) The Cree Immersion course provides students with an opportunity to learn conversational Cree in a culturally safe and supportive learning environment. The emphasis is on building confidence and ability to use Cree in daily and cultural life. Through task and project-based immersion learning, students learn Cree pronunciation, vocabulary, expressions, and grammatical structures for generating simple sentences such as assertions, questions, and demands. As a class, students work on listening comprehension and oral expression skills. Students reflect on their own learning processes in order to develop lifelong language learning practices.

Requisite Courses: IL-2501L (must be taken concurrently).

IL-2601 (3 or 6) Oral Immersion in Ojibwe (3 hrs Lecture | 1 hrs Lab) The Ojibwe Immersion course provides students with an opportunity to learn conversational Ojibwe in a culturally safe and supportive learning environment. The emphasis is on building confidence and ability to use Ojibwe in daily and cultural life. Through task and project-based immersion learning, students learn Ojibwe pronunciation, vocabulary, expressions, and grammatical structures for generating simple sentences such as assertions, questions, and demands. As a class, students work on listening comprehension and oral expression skills. Students reflect on their own learning processes in order to develop lifelong language learning practices.

Requisite Courses: IL-2601L (must be taken concurrently).

IL-3001 (3) Capstone in Indigenous Languages (3 hrs Lecture/Seminar) Students complete this course in the last semester of the program. It provides students with an opportunity to draw from their experience and understanding in the program by conducting a project on Indigenous languages (e.g., translation, documentation, curriculum development or language revitalization strategy for an Indigenous Community (on-reserve or in an urban setting)). This course is only open to students in the last year of the 3- or 4- year IL BA program.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and IL-4001.

Requisite Courses: This course is a required course for the Thematic Major in Indigenous Languages. Students are required to have completed 18 credit hours from the Thematic Major or obtain permission from the instructor [prerequisite(s)].

IL-3002 (3 or 6) Indigenous Language Field Course (Field Study with variable meeting hours) In this course, students experience day-to-day activities and related language practices in Michif, Inuktitut, or a First Nations language. Interactive language lessons are combined with extensive exposure to rich language use and opportunities to communicate in the Indigenous language for daily tasks and cultural activities. Students develop strategies to stay in the Indigenous language while at camp, and to continue lifelong language learning after camp is done. Culturally appropriate communicative norms are acquired. Evaluation is progress and participation-based. Course may be repeated for credit when the language or language level or topic varies. Some prior experience with the language is helpful to engage in the field experience.

Note: Additional fees (normally non-refundable) are required to cover the cost of transportation, accommodations, meals, elder/speaker involvement.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Instructor Permission Required.

IL-3107 (3) Advanced Ojibwe II (3 hrs Lecture) This course assumes basic speaking ability in Ojibway, emphasizes phonetic and grammatical structure, and presents the knowledge necessary for effective teaching of the language. Students also study narratives containing a broad sample of the structures they cover up to this level. As part of this course, students are expected to develop an instructional module appropriate for a 2000-level Ojibwe language course.

Requisite Courses: IS 3106 [prerequisite(s)].

IL-3301 (3) Special Topics in Indigenous Language (3 hrs Lecture) This course provides an opportunity for advanced study of an Indigenous language not already offered at the UW and/or specialized uses of Cree and Ojibwe (e.g. literacy, language structure, or others). Students will be evaluated on their existing language ability at the beginning of the term to make sure they can be successful in this course. Learning may focus on the knowledge necessary for effective teaching of the language, and/or the study and creation of narratives in the language. The nature and range of topics will vary, depending upon the expertise of the instructor. The course may be repeated if the topic varies.

Restrictions: Department Chair Perm Required.

IL-4001 (3) Capstone in Indigenous Languages (3 hrs Lecture/Seminar) Students complete this course in the last semester of the program. It provides students with an opportunity to draw from their experience and understanding in the program by conducting a project on Indigenous languages (e.g., translation, documentation, curriculum development or language revitalization strategy for an Indigenous Community (on-reserve or in an urban setting)). This course is only open to students in the last year of the 3- or 4- year IL BA program.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and IL-3001.

Requisite Courses: This course is a required course for the Thematic Major in Indigenous Languages. Students are required to have completed 18 credit hours from the Thematic Major or obtain permission from the instructor [prerequisite(s)].

IL-4002 (3) Special Topics in Teaching Indigenous Languages (3 hrs Lecture/Seminar) The course concentrates on a topic of primary relevance to teaching Indigenous languages. Examples of such topics are effective methods in Indigenous language teaching, student-driven pedagogies, culturally-sustaining assessment of Indigenous languages, and multiliteracies and pedagogical technologies. The topic of each course is available to students prior to registration. The course may be repeated for credit when the topic varies.

Restrictions: Department Chair Perm Required.

IL-4003 (3) Special Topics in Supporting Multilingualism and Indigenous Languages (3 hrs Lecture/Seminar) This course concentrates on a topic of primary relevance to supporting multilingualism and Indigenous languages. Examples of such topics are schools', teachers' and administrators' relationship to Turtle Island; colonization, decolonization and indigenization in multilingual schools; critical intercultural competence in schools; and collaborative institutional change and curricular reform. The topic of each course will be available to students prior to registration. The course may be repeated for credit when the topic varies.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Department Chair Perm Required.

IL-4029 (3) Indig Language Mentorship (3 hrs Apprenticeship/Internship/Practicum) This course provides an opportunity for Indigenous language learners to work with proficient speakers in a mentoring/apprenticeship context to develop language proficiency and communicative competence. Students learn how to identify and build relationship with a mentor, how to develop goals and plans for one-on-one language learning, and how to evaluate progress. By the end of the course, students communicate at a proficiency level higher than that with

which they began the course and are equipped for lifelong language learning beyond University. This course may be repeated for credit when the level or type of language varies.

Restrictions: Instructor Permission Required.

INDIGENOUS STUDIES

IS-1010 (3) Indigenous Ways of Knowing (3 hrs Lecture) Large numbers of Indigenous peoples settling in Winnipeg, and in core neighbourhoods, suggest that students studying urbanism need to be aware that the city and critical issues in the inner-city can be interpreted differently. This course offers an introduction to Indigenous ways of knowing through active participation in strategies that facilitate the production of Aboriginal knowledge and through comparisons with Euro-American ways of knowing. By taking part in basic ceremony and related practices, students gain an understanding of how First Peoples of Manitoba relate to each other, to the land, to other animals, and to the world.

Cross-listed: UIC-1010(3).

Restrictions: Students may not hold credit for this course and UIC-1010.

IS-1016 (3) Introduction to Indigenous Studies: Art, Culture and History (3 hrs Lecture) This course provides an introduction to Indigenous art, culture and history in North America. Starting with the pre-contact indigenous societies, students explore the richness and diversity of indigenous cultures as they evolved out of different eco-systems from Central America up to Canada's Arctic. Using Indigenous ontologies and epistemologies as a starting point, the course provides an alternative view of colonial history as well as the post-colonial struggle of indigenous peoples for their own identity, place and belonging in contemporary society.

Cross-listed: HIST-1009.

Restrictions: Students may not hold credit for this course and HIST-1009 | IS-1015.

IS-1017 (3) Introduction to Indigenous Studies: Politics and Governance (3 hrs Lecture) This course provides an introduction to the politics, economics and governance of indigenous peoples in Canada. These systems developed in distinctive ecological contexts that shaped the way these cultures learned to thrive in relationship to all other living things. The course begins with an introduction to the ontologies and epistemological foundations of thought then explores the historical evolution of the economic and political relationship between indigenous peoples (First Nation, non-status and Metis) and the nation state in Canada. Key topics include: the Royal Proclamation, the Treaties, Indigenous people and the Supreme Court of Canada, the Indian Act and Residential schools.

Restrictions: Students may not hold credit for this course and IS-1015.

IS-1101 (6) Introductory Cree (3 hrs Lecture | 1 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and ABOR-1101.

Requisite Courses: IS-1101L (lab) (must be taken

concurrently).

IS-1201 (6) Introductory Ojibwe (3 hrs Lecture | 1 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and ABOR-1201.

Requisite Courses: IS-1201L (lab) (must be taken concurrently).

IS-1202 (3) Ojibwe Field School Part 1 (Lecture with variable meeting hours) This Ojibwe Field Course is intended for students who have taken an introductory course in the Ojibwe language or have working knowledge of Ojibwe. The emphasis is primarily on oral work (utilization and comprehension) for the purpose of the expansion of learning sounds, vocabulary, and grammatical patterns. Structural differences between Ojibwe and English are highlighted.

Note: The field course takes place in an Indigenous community. Additional fees (normally non-refundable) are required to cover the cost of transportation, accommodations, meals, elder/speaker involvement. Additional Requirements: Field component is mandatory.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Instructor Permission Required. Students who have taken IS-2001(6) Special Topics: Introductory Ojibwe Field School are not eligible to take this course.

Requisite Courses: IS-1201 Introduction to Ojibwe [prerequisite(s)].

IS-1501 (6) Oral Immersion in Cree I (3 hrs Lecture | 1 hrs Lab) The Cree Immersion 1 course is intended for students to learn conversational Cree through community language learning methods. The emphasis is primarily on oral conversations using Cree vocabulary, expressions, simple sentences, and conjunctive sentences of selected themes through contemporary and traditional Cree perspectives.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: IS-1501L (lab) (must be taken concurrently).

IS-1601 (6) Oral Immersion in Ojibwe I (3 hrs Lecture | 1 hrs Lab) The Ojibwe Immersion 1 course is intended for students to learn conversational Ojibwe through community language learning methods. The emphasis is primarily on oral conversations using Ojibwe vocabulary, expressions, simple sentences, and conjunctive sentences of selected themes through contemporary and traditional Ojibwe perspectives.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: IS-1601L (lab) (must be taken concurrently).

IS-2001 (3 or 6) Special Topics in Indigenous Studies I

(3 hrs Lecture) The contents of this course focus on particular aspects of Indigenous Studies 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.

Note: A student may not count more than 6 credit hours of Special Topics at the 2000 level toward a degree in Indigenous Studies (formerly Aboriginal Governance).

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 or permission of the instructor [prerequisite(s)].

IS-2012 (3) Indigenous Sciences: Contributions to Contemporary Challenges

(2 hrs Lecture | 1 hrs Seminar/Discussion) This course explores the foundations, philosophy, and applications of Indigenous sciences. It considers ways Indigenous scientific wisdom can relate to western sciences and help address contemporary challenges. This course is designed to enhance students' cultural sensitivity and their overall scientific literacy regarding Indigenous perspectives (understanding) and wisdom (application) next to western sciences. Topics may include the philosophical foundations of Indigenous sciences and their application in the areas of health/wellbeing, food/agriculture, planetary health, and selected fields of STEM (Science, Technology, Engineering and Mathematics).

IS-2020 (3) Colonization and Indigenous Peoples in Canada

(3 hrs Lecture) In this course, students are introduced to Indigenous peoples in what has come to be known as Canada and undertake a survey of Indigenous cultural, political, economic, and spiritual situations from pre-contact to the present. Students examine colonialism in Canada (past and present) and its ongoing effects upon First Nations, Métis, and Inuit peoples. Topics include Indigenous world views, fur trade, treaties, Indian Act, residential schools and the child welfare system, as well as historic and contemporary Indigenous governance and sovereignty. Students are empowered to engage in meaningful dialogue about issues that affect Indigenous and non-Indigenous people in Canada.

Cross-listed: POL-2020(3) and UIC-2020(3).

Restrictions: Students may not hold credit for this course and POL-2020 | UIC-2020.

IS-2030 (3) Management and Financial Administration for Community Leadership

(3 hrs Lecture) As small-scale and not-for-profit structures, community-based and Indigenous 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 and management controls, financial statements and budgeting, performance measures, strategic planning and operations analysis and evaluation.

Cross-listed: BUS-2030(3) and UIC-2030(3).

Restrictions: Students may not hold credit for this course and BUS-2030 | UIC-2030.

Requisite Courses: UIC-1001 or IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2040 (3) Indigenous Women and Resilience

(3 hrs Lecture) The contributions and resilience of Indigenous (First Nations, Métis, Inuit) women have become increasingly well known in the North American and international political, economic, and cultural arenas. Contrary to historical representations and stereotypes, Indigenous and Métis women have been leading advocates, actors, and activists in Indigenous struggles for centuries, making significant contributions to their families, communities, and nations. Of importance are the policies that reflect changing perceptions and approaches to the "Indian problem," with particular focus on gender. Students develop critical thinking skills as we consider stereotypes and the impact they have on law and Indigenous rights in Canada and internationally.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2050 (3) Indigenous Peoples, Lands, and Resources

(3 hrs Lecture) The Canadian government is currently looking at privatizing indigenous peoples' land on-reserve. Some believe this will boost economic development and create jobs and opportunities. Others argue this will amount to nothing more than another assimilation project, with the potential to undermine indigenous cultures and communities. This course examines the unique relationship that indigenous people have to land and natural resources. It includes a study of national and international legal frameworks for indigenous resource and property rights and some of their implications in practice. Using this framework, the course includes a number of case studies involving national and international conflicts associated with resource development projects (hydro, mining, oil, etc.) in indigenous territories and explores the contradictions and possibilities for indigenous communities whether they choose to pursue these projects or not.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-2060 (3) Ago'idiwinan miskwaadesi-miinising

(Treaties on Turtle Island) (2 hrs Lecture | 1 hrs Seminar/Discussion) This course focuses on Anishinaabe treaty narratives as it is important to understand the nature of treaties from an Anishinaabe perspective. The Anishinaabe nations entered into a number of treaties during the mid-17th and 18th centuries with newcomers. This course examines the reasons for entering into and establishing a treaty relationship/process with respect to nation-to-nation, land and resource rights. Further, this course provides opportunities to understand the diversity

of Anishinaabe nations; the basis of primordial rights; the effects and impacts of newcomer expansionism from the mid-17th and 18th centuries forward.

Note: Students cannot receive credit for IS-2060/3 Ago'diwinan miskwadesi-miinising (Treaties on Turtle Island) and the former IS-2060/3 Indigenous Treaties in Canada.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015, or permission of the instructor [prerequisite(s)].

IS-2101 (6) Intermediate Cree (3 hrs Lecture | Lab) This course is an intermediate course in the Cree language. It serves as a continuation of Introductory Cree (IS-1101) or as the entry-level course for fluent speakers of Cree. The course focuses primarily on oral conversational skills, vocabulary, and grammatical patterns. Attention is paid to Cree orthography, composition and translation. The lab component provides one-on-one and small group interactions intended to enhance language acquisition and provide additional opportunities for language practice and usage.

Requisite Courses: IS-1101 or permission of the instructor [prerequisite(s)]; IS-2101L (lab) (must be taken concurrently).

IS-2103 (3) Ethnography of Indigenous Peoples in Canada and the Us (3 hrs Lecture) This course surveys ethnographies of Indigenous peoples of Canada primarily, with some ethnographic material from the United States. Students are introduced to the history of North American cultural anthropology and its roots in Indigenous ethnographic research. The course familiarizes students with ethnography as the primary methodology of cultural anthropologists. Students apply critical thinking skills to the methodology as they read and analyse ethnographies as representations of Indigenous societies. Emphasis is placed on the work of Indigenous ethnographers, scholars, and contributors to Indigenous-focused ethnography.

Cross-listed: ANTH-2103(3).

Restrictions: Students may not hold credit for this course and ANTH-2103.

IS-2201 (6) Intermediate Ojibwe (3 hrs Lecture | 1 hrs Lab) This course is an intermediate course in the Ojibwe language. It serves as a continuation of Introductory Ojibwe (IS-1201) or as the entry-level course for fluent speakers of Ojibwe. The course focuses primarily on oral conversational skills, vocabulary and grammatical patterns. Attention is paid to Ojibwe orthography, composition and translation. The lab component provides one-on-one and small group interactions intended to enhance language acquisition and provide additional opportunities for language practice and usage.

Requisite Courses: IS-1201 or permission of the instructor [prerequisite(s)]; IS-2201L (lab) (must be taken concurrently).

IS-2240 (3) Indigenous Justice Issues (3 hrs Lecture) This course in applied political theory examines various moral and political issues that are the basis for present conflicts between Indigenous Peoples and the Canadian state. Indigenous and Western philosophies provide

contexts for critically examining past and present relationships and for considering how to move into more just relationships. Topics may include: treaty rights, colonization, the Indian Act, residential schools, Aboriginal rights, racism, restorative justice, and the United Nations Declaration on the Rights of Indigenous Peoples.

Cross-listed: PHIL-2240(3).

Restrictions: Students may not hold credit for this course and PHIL-2240.

IS-2301 (3) Community Development (3 hrs Lecture)

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 neighbourhood revitalization; housing development and rehabilitation; employment development and training; and social enterprise.

Cross-listed: UIC-2001(3).

Restrictions: Students may not hold credit for this course and UIC-2001.

IS-2401 (3) Indigenous Food Systems Field Study

(Apprenticeship/Internship/Practicum | 3 hrs Lecture) This course offers land-based learning opportunities to explore the importance of, challenges to, and opportunities for Indigenous food systems in Manitoba and Canada, along with classroom discussion on nutritional and health information. Interdisciplinary themes include traditional food as medicine; Indigenous food systems of production, consumption, distribution; Indigenous knowledges and perspectives on challenges and significance of traditional food systems. The typical course design includes 1 to 1.5 weeks in classrooms and 36 hours of experiential learning from Indigenous elders and Indigenous food researchers in Manitoba First Nations communities.

Restrictions: Instructor Permission Required.

IS-2402 (3) Mazinaatesewin: Indigenous

Representation in Film (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course critically examines the portrayal of Indigenous peoples in film by engaging with film and literature discussing indigenous cinema and how cinematic tropes lead to generalized representations which are solidified into the viewer's minds. Students explore topics such as imperfect and fourth cinema, Indigenous self-representation, collective authorship, representation, impersonation, and appropriation. Films examined are in the modern era (1970 onwards) and focus on Indigenous Cinema.

Note: Students cannot receive credit for IS-2402/3 Mazinaatesewin: Indigenous Representation in Film and the former IS-2402/3 Indigenous Representation in Film.

IS-2407 (3) Language Revitalization (3 hrs Lecture) This course examines the need for language revitalization in the context of language endangerment that is now occurring on a global scale. Students learn about factors that contribute to language remaining strong, as well as processes such as colonization and assimilation that have led to language shift, loss, and death. Students learn about the importance of diverse languages, and also about

strategies and programs that communities have applied to maintain or regain their languages. Key language revitalization methods are taught, including language healing, language development, language learning technologies, language nests, and master-apprentice programs.

Cross-listed: ANTH-2407(3) and LING-2104(3).

Restrictions: Students may not hold credit for this course and ANTH-2407 | LING-2104.

IS-2501 (3 or 6) Oral Immersion in Cree (3 hrs Lecture | 1 hrs Lab) The Cree Immersion course provides students with an opportunity to learn conversational Cree in a culturally safe and supportive learning environment. The emphasis is on building confidence and ability to use Cree in daily and cultural life. Through task and project-based immersion learning, students learn Cree pronunciation, vocabulary, expressions, and grammatical structures for generating simple sentences such as assertions, questions, and demands. As a class, students work on listening comprehension and oral expression skills. Students reflect on their own learning processes in order to develop lifelong language learning practices.

Requisite Courses: IS-2501L (must be taken concurrently).

IS-2601 (3 or 6) Oral Immersion in Ojibwe (3 hrs Lecture | 1 hrs Lab) The Ojibwe Immersion course provides students with an opportunity to learn conversational Ojibwe in a culturally safe and supportive learning environment. The emphasis is on building confidence and ability to use Ojibwe in daily and cultural life. Through task and project-based immersion learning, students learn Ojibwe pronunciation, vocabulary, expressions, and grammatical structures for generating simple sentences such as assertions, questions, and demands. As a class, students work on listening comprehension and oral expression skills. Students reflect on their own learning processes in order to develop lifelong language learning practices.

Requisite Courses: IS-2601L (must be taken concurrently).

IS-3001 (3 or 6) Special Topics in Indigenous Studies (3 hrs Lecture) The contents of this course focus on particular aspects of Indigenous Studies and may include topics on philosophical, social, economic, political or other issues. Topics accord with each scholar's area of expertise, and will consist of material and assignments appropriate to a 3000-level course. This course may be repeated for credit when the topic varies.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-3010 (3) Protecting Indigenous Knowledge Systems (3 hrs Lecture/Seminar) This course addresses emerging issues for Indigenous peoples regarding the use and exploitation of their knowledge and natural resources. It examines case studies where rights over knowledge and the stewardship of biodiversity have been threatened and examples where Indigenous peoples have been able to manage and protect their environment and associated knowledge. The course focuses on the contributions of

native science, Indigenous ecological knowledge and wisdom of the Elders in North America and connections to similar Indigenous knowledge systems in other parts of the world.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015, or permission of the instructor [prerequisite(s)].

IS-3011 (3) Two-Spirit, Indigiqueer & indigenous LGBTQ Realities (3 hrs Seminar/Discussion) This course examines Two-Spirit, Indigiqueer, and Indigenous LGBTQ identities, realities, and selected issues. Among other topics, we explore Indigenous conceptions of gender and sexuality, colonial impacts upon Indigenous gender and sexual diversity, relationships between queer Indigenous community and the mainstream LGBTQ community, as well as Two-Spirit resurgence and self-determination especially in an urban context. Students learn to identify characteristics of nation-specific Indigenous concepts of gender and sexuality as well as ongoing colonial impacts.

Cross-listed: UIC-3010.

Restrictions: Students may not hold credit for this course and UIC-3010.

IS-3012 (3) Ethnoecology As a Research Approach (3 hrs Lecture) This course underscores the traditional ecological knowledge systems of Indigenous and local communities by examining the interactions among these communities, their knowledge, and the local environments that have sustained over time. Key themes include traditional food and medicinal plants, traditional natural resources management systems, and learning within indigenous knowledge and indigenous cultural landscapes. Such learning is explored through global case studies. Research approaches, tools, methods and ethical issues surrounding ethnoecological research within local and Indigenous communities are also explored. This course helps in developing academic and research skills in conducting interdisciplinary research that examines the relationships between nature and culture.

Cross-listed: ANTH-3170(3).

Restrictions: Students may not hold credit for this course and ANTH-3170.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017 (or the former IS-1015), or AG-1015 or UIC-1001 or IDS-1100 or ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IS-3100 (3) International Rights of Indigenous Peoples (3 hrs Lecture) This course examines current developments at the international level with respect to the rights of Indigenous peoples, particularly the right to self-determination. The course examines decolonization as used in reference to Indigenous peoples. It includes a review of the Draft Declaration of Indigenous peoples and the Organization of American States Draft Declaration. The course reviews the United Nations bodies that deal with Indigenous issues. International Indigenous peoples' rights to land and treaty interpretation are considered and compared to Canada's current policy in maintaining a colonial relationship. Developments and issues of concern to the Indigenous Peoples Permanent Forum are covered.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017,

or the former IS-1015 [prerequisite(s)].

IS-3104 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.

Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-3104(3), and LING-4104(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3411 | ANTH-4411 | LING-3104 | LING-4104.

IS-3125 (3) The Intergenerational Legacy of Residential Schools (3 hrs Lecture) The residential school system was a mandatory school system for all Aboriginal children. The objective of these schools was to extinguish Aboriginal culture and language from the Canadian landscape. The first school opened in the late 1800's and the last school closed in the 1980's. The result from this long history is a legacy that impacts all Canadians and Aboriginal peoples. This course examines the impact of the residential school system in a variety of areas such as the loss of language and culture, loss of parenting skills, (especially mothering), as well as settler and Aboriginal relations.

Cross-listed: UIC-3125(3).

Restrictions: Students may not hold credit for this course and UIC-3125.

Requisite Courses: IS-1016 (and HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-3162 (3) Social Enterprise in the Indigenous Context (3 hrs Seminar/Discussion) Students study theories and practices related to social enterprise models in Canada, the UK, the US and elsewhere. The course has a particular interest in the relationship between social enterprises, related policies, and indigenous sovereignty or self-determination. Students are familiarized with the range of Indigenous social enterprises in Canada and internationally, and trained in policy and project analysis. Students put social enterprise theory into practice by creating a proposal for a hypothetical social enterprise project focused in an identified need, gap, or interest in an Indigenous community or organization.

Cross-listed: ANTH-3162(3).

Restrictions: Students may not hold credit for this course and ANTH-3162.

Requisite Courses: 30 credit hours in any subject [prerequisite(s)].

IS-3201 (3) Indigenous Ethnobotany Field School (Lecture with variable meeting hours | Lab) This field

course on Indigenous Botany offers land-based learning opportunities to explore the multiple uses (including medicinal, ceremonial, aesthetic, and spiritual) of local plants by Indigenous communities along with the classroom instruction of botanical information. The major interdisciplinary sub-themes covered through this course include traditional medicinal plant knowledge, applied Ethnobotany, Indigenous conservation and bio cultural landscape. The course design includes 1 to 1.5 weeks in classrooms and 36 hours of experiential learning from herbalists and Indigenous elders in the Manitoba First Nations.

Restrictions: Instructor Permission Required.

IS-3204 (3) Gibiindwesijigemin: Documenting Indigenous Languages (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This lecture/seminar course provides an introduction to the tools, techniques, protocols, and ethics of Indigenous language oral history documentation. Indigenous oral history foundations are critically examined and a review of the theories which inform Indigenous oral historiography is conducted. Focus is given to the practical recording, preparation, and presentation of linguistic and historical data in the Indigenous languages of Miskwaadesi-miinis (Turtle Island).

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: IS-1101/6 Introductory Cree or IS-1201/6 Introductory Ojibwe [prerequisite(s)].

IS-3523 (3) Indigenous Women's History (3 hrs Lecture) This course examines Métis, Inuit and First Nations women's history in Canada. The course covers a variety of themes, including Indigenous women's health, labour and education history; histories of sexual, legal, and social regulation of Indigenous women; and formal, informal, local and national women's organizations. Students also engage in historical interpretation of a variety of different kinds of historical evidence and consider the creative work of Indigenous women in diverse cultural fields including art, film, music and literature.

Cross-listed: HIST-3623(3).

Restrictions: Students may not hold credit for this course and HIST-3523 | HIST-3623 | WGS-3523.

IS-3717 (3 or 6) Indigenous Literatures & Cultures (3 hrs Lecture) This course examines the Indigenous literatures and cultures of North America. Students study early forms of Indigenous expression as well as writings produced after the Indigenous "renaissance" of the late 1960s. Focusing on works by established and emerging writers, the course emphasizes Indigenous values, knowledges, and theories while paying attention to the key concepts, critical debates and recent directions in the field of Indigenous literary studies today. Each version of the course may have a different emphasis. Students should consult the English Department website for a detailed course description any given year.

Cross-listed: ENGL-3717.

Restrictions: Students may not hold credit for this course and ENGL-3717.

IS-3723 (3 or 6) Topics in Indigenous Texts and Cultures (3 hrs Lecture) This course examines a range of texts by Indigenous artists and other cultural producers. In an era when stereotypes, racism, injustices, and inequities continue to undermine the well being of many, Indigenous artists, along with Indigenous and non-Indigenous scholars across a range of disciplines, activists, community members, and others are contributing to Indigenous peoples health, healing, and self-determination. The course emphasizes Indigenous values, knowledges, and theories. In a given year, we might focus on a specific artist, nation, country, genre, or period. Students should consult the English Department website for a description of the course offered in a given year.

Cross-listed: ENGL-3723.

Restrictions: Students may not hold credit for this course and ENGL-3723.

Requisite Courses: You must successfully complete 6 credit hours of first-year ENGLISH, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

IS-3901 (3 or 6) Directed Readings (3 hrs Directed Reading) In this course, readings and assignments in the area of Indigenous Studies are arranged between an individual student and the instructor. Topics may not duplicate regular course offerings in Indigenous Studies or other departments. This course is an opportunity to explore a specialized topic in the interdisciplinary context of the field. Examples of potential topics include comparing Canadian and New Zealand/Aotearoa treaty rights efforts; analyzing artistic forms of Indigenous political resistance; exploring health implications of indigeneity in settler societies; and ethnohistorical research on early Winnipeg Aboriginal community organizations.

Restrictions: Instructor Permission Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017 (or the former IS-1015) and permission of the instructor [prerequisite(s)].

IS-4000 (3 or 6) Indigenous Studies Practicum (3 hrs Seminar/Discussion) This course offers experience in Indigenous Studies under the guidance and supervision of faculty and on-site personnel. The course is arranged between the student, the instructor, and a site willing to provide relevant experience in a setting related to a topic in Indigenous Studies. The hours spent on-site will be determined according to the number of credits. Examples of possible practicum sites: Indigenous community organizations; Indigenous governmental or other institutions; museums or art galleries working on Indigenous exhibits or productions; non-Indigenous governmental or NGO entity dealing with Indigenous peoples or issues; or an Indigenous business or media outlet.

Restrictions: Instructor Permission Required. Honours Form Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017 (or the former IS-1015) and permission of the instructor [prerequisite(s)].

IS-4021 (6) Pathways to Indigenous Wisdom (3 hrs Lecture) In this course, students' assumptions and world views are challenged and enriched by a deep and complex

understanding of Indigenous ways of knowing. By decolonizing and indigenizing the mind, students are open to imagining and, later, implementing strategies that are embedded in indigenous teachings. The course emphasizes the importance of critical thinking through the examination and immersion into indigenous epistemologies and brings to the program the instructor's expertise in First Nations governance, development efforts and systems. Cannot receive credit in IS 4021 if previous credit in GIS 4021 or GIS 7021.

Restrictions: Honours Form Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4022 (6) Indigenous Research Methodologies and Ethics (3 hrs Lecture) This course provides a review of the movement towards the decolonization of the Western model of research and the revitalization of Indigenous research frameworks and methodologies. The unique issues and principles involving ethical research in Indigenous communities are explored. The course also includes an overview of the governance by Indigenous communities of their own research and ethical review process.

Restrictions: Honours Form Required. Department Permission Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4023 (3) Indigenous Peoples, Globalization and Development (3 hrs Lecture) Indigenous peoples today are enmeshed in the expanding modern economy, subject to the pressures of both market and government. More and more Indigenous communities are rejecting the traditional capitalist vision of development as human and environmental exploitation and focusing on new types of local development projects. This course analyzes some of the conflicts associated with traditional development projects in Indigenous communities. Taking Indigenous peoples as actors, not victims, as its starting point, the class then examines innovations in Indigenous economic development that are culturally respectful, environmentally responsible and which build a new sense of community.

Restrictions: Honours Form Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4024 (3) Biocultural Diversity Conservation Balancing Scientific and Indigenous Knowledge Practices (3 hrs Seminar/Discussion) This course focuses on the interrelationship between indigenous peoples and their environment. Indigenous and local communities contribute with understanding, practices and innovations regarding the use and conservation of biodiversity and natural resources in diverse ecosystems. The value of indigenous knowledge is recognized in international agreements and efforts are made to integrate traditional ecological knowledge into conservation and management programs. The tensions arising from the confluence of indigenous and scientific knowledge, the opposition of different epistemological approaches, the increasing loss of bio diversity and indigenous cultures, the interconnectedness between biological and cultural

diversity are the central themes of this course.

Cross-listed: IDS-4824(3) and ANTH-4024(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4024 | IDS-4824.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4025 (3) Indigenous Languages: Culture, Rights, and Conflicts (3 hrs Seminar/Discussion) Indigenous languages are an integral part of Indigenous peoples' identity, worldview and culture. It is however, currently estimated that up to ninety per cent of the world's Indigenous languages are likely to disappear by the end of the century. This course is designed to give students an overview of Indigenous language issues related to culture, advocacy, revitalization, and resistance. Students are encouraged to critically compare and contrast the treatment of Indigenous languages through legislation, policy, grassroots activism, and educational and systemic efforts in countries such as Canada, the United States, New Zealand, Norway, and Sweden.

Cross-listed: LING-4025(3), HR-4025(3).

Restrictions: Students may not hold credit for this course and HR-4025 | LING-4025.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4026 (3) Indigenous Food Security (3 hrs Lecture) Community food security provides a rich diversity of self-organized food systems to improve, maintain and enhance health, well-being, resilience and ecological sustainability, originated and nurtured by Indigenous and other marginalized communities. By examining Canadian and international case studies as well as empirical research on Indigenous voices, knowledges and perspectives on their own food systems, this course critically engages students with the concepts, approaches, practices and challenges of Indigenous food production, consumption and distribution and their role in achieving community food security.

Restrictions: Honours Form Required.

IS-4028 (3 or 6) Human and Indigenous Rights in Latin America (3 hrs Seminar/Discussion) Indigenous nationalities and other marginalized minority groups in Latin America have developed innovative strategies, alliances and forms of political participation to achieve recognition of their rights and to contribute to new political configurations in the region. This course studies the dynamic situation of Indigenous and human rights and social conflicts in Latin America. Topics included contested definitions of individual and collective rights, responses to human rights abuses, and intersections between human rights frameworks and related peacebuilding processes. A country or sub-region may be selected for an in-depth case study, and may vary in different times that the course is offered.

Cross-listed: HR-4210(3).

Restrictions: Honours Form Required. Department Permission Required. Students may not hold credit for this course and HR-4210.

Requisite Courses: HR-2100 and HR-2200, or the former HRGS-2101, or the former POL-2101 or permission of the department [prerequisite(s)].

IS-4029 (3) Indigenous Language Mentorship (3 hrs Apprenticeship/Internship/Practicum) This course provides an opportunity for Indigenous language learners to work with proficient speakers in a mentoring/apprenticeship context to develop language proficiency and communicative competence. Students learn how to identify and build relationship with a mentor, how to develop goals and plans for one-on-one language learning, and how to evaluate progress. By the end of the course, students communicate at a proficiency level higher than that with which they began the course and are equipped for lifelong language learning beyond University. This course may be repeated for credit when the level or type of language varies.

Restrictions: Instructor Permission Required.

IS-4200 (3 or 6) Seminar in Selected Topics (3 hrs Lecture) This course focuses on particular aspects of Indigenous Studies, and particularly on Indigenous governance/policy. The selected topic is discussed in seminar format. It may be approached from a variety of perspectives, including philosophical, social/cultural, economic, political, or artistic, and may be offered by current faculty, local or visiting scholars from Canada or other nations. The course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

IS-4445 (3) Urban Indigenous Seminar (3 hrs Seminar/Discussion) This seminar examines selected topics dealing with urban Indigenous issues. Topics may include the viability of urban Indigenous governance, urban reserves, and Indigenous education and economic development issues in the inner city. The issue of differing conceptions of Indigenous representation and identity held by various Indigenous organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Indigenous 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 Indigenous people in the urban environment.

Cross-listed: ANTH-4145(3) and UIC-4445(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4145 | UIC-4445.

Requisite Courses: You must successfully complete a minimum of 6 credit hours in Urban and Inner City Studies (UIC) courses, or obtain permission of the instructor [prerequisite(s)].

IS-4703 (3 or 6) Indigenous Education in an Era of Globalization (3 hrs Seminar/Discussion) This course examines Indigenous learning systems and their adaptations within a global world. As societies become more integrated through globalization, traditional Indigenous learning systems are being challenged as to their viability. In response, Indigenous peoples are adapting their learning systems to meet the challenges that are occurring to the social fabric of their cultures. More generally, this course brings Indigenous perspectives on education to the

analysis of globalization.

Restrictions: Honours Form Required.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017 (or the former IS-1015) or permission of the instructor [prerequisite(s)].

IS-4717 (3 or 6) Topics in Indigenous Literary and Culture (3 hrs Lecture) This course focuses on a topic in the area of Indigenous literary and cultural studies. For example, it may focus on historical or contemporary representations of Indigenous people in a range of artistic and non-artistic texts. Or, the course may study Indigenous artistic and intellectual responses to themes such as the environment, neo-colonialism, violence against women, health, sovereignty, and reconciliation by considering a specific artist, nation, genre, or period. Please consult the English Department website for a detailed course description in any given year. This course may be repeated for credit when the topic varies.

Cross-listed: ENGL-4717(3)/(6).

Restrictions: Honours Form Required. Students may not hold credit for this course and ENGL-4717.

Requisite Courses: You must successfully complete 6 credit hours of first-year ENGLISH, including ENGL-1001(6) or ENGL-1000(3). Co-requisite: ENGL-2142(6) [prerequisite(s)]; ENGL-2142 or permission of instructor (must be taken previously or at the same time as this course).

INTERNATIONAL DEVELOPMENT STUDIES

IDS-1100 (6) Introduction to International Development Studies (3 hrs Lecture) Persistent poverty and discrimination, rising inequality and environmental stress, vulnerability to violence and disaster-these problems challenge people around the world. Imagine yourself as an agent of change, seeking ways to live justly and peacefully with others and the earth. Where would one look for ideas? This course introduces students to the concepts and critical tools needed to understand a range of approaches to change, both conventional and transformative. Students learn to pose and answer questions about current development challenges, and to analyze examples of successful and unsuccessful development at the global, national, and community levels. **Restrictions:** Students may not hold credit for this course and MSC-2201.

IDS-1200 (3) Introduction to Global Citizenship (3 hrs Lecture) In this course students trace the historical development of the ideal of "global citizenship," interrogating the meanings, contradictions and contentions associated with this term. Through guest speakers and student research on specific issues and injustices that are present in Manitoba communities, and which also have global connections and manifestations, students examine current practices aimed at fostering global citizenship. The future of concepts of or related to global citizenship is addressed by analyzing the rights of democratic citizenship and asking how such rights should be articulated and advanced.

Cross-listed: HR-1200(3).

Restrictions: Students may not hold credit for this course and HR-1200 | HRGS-1200.

IDS-2110 (3) Participatory Local Development (3 hrs Lecture) Poverty, inequality, gender discrimination, top-down decision making, inadequate technology, and conflict all prevent communities from meeting their development goals. This course prepares students to facilitate local development through participatory approaches that build community and capacity at a local level. Approaches examined include participatory assessments, microfinance, community-supported agriculture, and indigenous natural resource management. **Restrictions:** Students may not hold credit for this course and IDS-3110 | MSC-2110.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2130 (6) A History of the Developing World (3 hrs Lecture) 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 15th to the 20th 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.

Cross-listed: HIST-2130(6).

Restrictions: Students may not hold credit for this course and HIST-2130.

Requisite Courses: IDS-1100(6) or 6 credit hours in HIST 1000-level courses, or permission of the Instructor [prerequisite(s)].

IDS-2131 (3) Rural Development (3 hrs Lecture) 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.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2160 (3) Indigenous People and the Industrial State (3 hrs Lecture) 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.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2171 (3) Crisis, Humanitarian Aid and Development (3 hrs Lecture) Today disasters 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 disasters and an increasing part of international development aid. This course identifies the main organizations providing humanitarian aid, and 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 hazards and enhance, rather than undermine, capacities for development.

Requisite Courses: Successful completion of 6 credit hours [prerequisite(s)]; IDS-1100 (recommended to be taken previously or at the same time as this course).

IDS-2183 (3) African Development Issues (3 hrs Lecture) 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.
Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-2186 (3) Selected Topics: Regional Development Issues (2 hrs Lecture | 1 hrs Seminar/Discussion) This course focuses on the development and conflict challenges faced by a designated region of the world. It examines solutions put forward by communities, organizations, and governments from that region, as well as those of external development actors. In surveying those problems and solutions, the course highlights the distinctive character and experiences of the region, as well as its internal diversity. The course also identifies development concepts, practices and theories that have emerged in the designated region. Students may repeat this course for credit, provided the region of focus varies.
Requisite Courses: 6 credit hours successfully completed or permission of instructor [prerequisite(s)]; IDS-1100 (recommended to be taken previously or at the same time as this course).

IDS-2443 (3) Conflict and Development Issues in Indigenous Communities (3 hrs Lecture) 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 examines inter- and intra-group conflict and conflict resolution processes involving indigenous communities. Processes of marginalization and underdevelopment are 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.
Cross-listed: CRS-2443(3).
Restrictions: Students may not hold credit for this course and CRS-2443.
Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-2521 (3) Voluntary Simplicity (3 hrs Lecture) 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 environmentally sustainable alternatives to consumer values and culture. The course explores both the historical roots of voluntary simplicity and its modern expressions and is informed by the understanding that effective conflict resolution practice is enhanced by building emotional

well-being, vibrant community, sustainable environment, and social justice.

Cross-listed: CRS-2521(3), ENV-2521(3).

Restrictions: Students may not hold credit for this course and CRS/ENV-2521.

Requisite Courses: IDS-1100 or ENV-1600 or permission of the instructor [prerequisite(s)].

IDS-2603 (3) Environmental Sustainability: A Global Dilemma (3 hrs Lecture) 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.

Cross-listed: ENV-2603(3).

Restrictions: Students may not hold credit for this course and ENV-2603.

Requisite Courses: IDS-1100 or ENV-1600 or permission of the instructor [prerequisite(s)].

IDS-2804 (3) Global Perspectives on Aboriginal Societies, Spiritualities, and the Environment (3 hrs Lecture) 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: REL-2804(3).

Restrictions: Students may not hold credit for this course and REL-2804.

IDS-3101 (3) Development Ethics (3 hrs Lecture) This course examines the ethical questions posed by development thinking and practice. It introduces frameworks for ethical decision-making in development. Using specific examples, the course explores questions like: How are decisions about goals of development made? How are the costs of development distributed? What are acceptable methods in development activity, and who rightfully leads or engages 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?

Requisite Courses: IDS-1100 or permission of the

instructor [prerequisite(s)].

IDS-3111 (3) Development Aid Policy and Practice (3 hrs Lecture) This course identifies actors in the international development aid system, and their evolving models and methods of aid delivery. Students compare the activities of donor governments, both new and established, and those of inter-governmental organizations. Specific examples are used to scrutinize the impacts of aid-funded projects and programs, and to examine the problems of aid effectiveness and accountability. Students also explore debates about aid's contribution to equitable and sustainable development.

Restrictions: Students may not hold credit for this course and MSC-3201.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3141 (3) The Participatory Community Economy (3 hrs Lecture) 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.

Requisite Courses: IDS-2110 (or the former IDS-3110) and ECON-1104 or permission of the instructor [prerequisite(s)].

IDS-3150 (3) Mennonite Community and Development (3 hrs Seminar/Discussion) 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 Foodgrains Bank and InterChurch Action, and of inter-organizational groups such as SEED Winnipeg will provide examples for student reflection and analysis.

Cross-listed: MENN-3150(3).

Restrictions: Students may not hold credit for this course and MENN-3150.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3160 (3) Cultural Perspectives on Global Processes (3 hrs Lecture) The focus of this course is threefold. First it seeks to apply cultural perspectives on 'global scale theory.' Second, we 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 is on how two or more of these interact. Third, we discuss the effects of these processes in local and regional contexts. The specific processes and their salient interrelationships are chosen in response to interests of those taking the course, and are developed by group reading and discussion, and individually in term paper projects.

Cross-listed: ANTH-3160(3).

Restrictions: Students may not hold credit for this course and ANTH-3160.

Requisite Courses: IDS-1100 or ANTH-1001 or ANTH-1002 or permission of the instructor [prerequisite(s)].

IDS-3182 (3) Selected Topics in International Development Studies (3 hrs Lecture) 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. This course may be repeated for credit when the topic varies.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

IDS-3190 (6) International Practicum in International Development Studies

(Apprenticeship/Internship/Practicum with variable meeting hours) This course is an integrated work experience in an international setting for a minimum of three months. Students are expected to work 30 hours per week in a relevant organization and participate in academic exercises both before and during the practicum. Students reflect on, utilize, and expand their knowledge and skills in International Development while also examining their personal assumptions, gaining cultural awareness and enhancing their problem-solving abilities. Interested students consult with the Director of Practicum at Menno Simons College 9-months in advance of the term they wish to enroll.

Restrictions: Perm - MSC Pract Dir Required.

Requisite Courses: IDS-1100(6), IDS-2110(3), IDS-2171(3), CRS-2241(3) and additional 3 cr hrs of IDS core courses with a minimum GPA of 2.75 and permission of the Director of Practicum [prerequisite(s)].

IDS-3193 (3) Directed Readings in International Development Studies (3 hrs Directed Reading) In this course, readings and assignments in the area of International Development Studies will be arranged between an individual student and the instructor.

Restrictions: Instructor Permission Required.

Requisite Courses: IDS-1100 and permission of the instructor [prerequisite(s)].

IDS-3198 (6) Local/National Practicum (6) in International Development Studies (3 hrs Apprenticeship/Internship/Practicum) This six-credit hour course is an integrated work experience in a local or national setting. Students work in a relevant organization in a supervised field experience and participate in academic

seminars over the course of the semester. Students reflect on, utilize and expand their knowledge of International Development while also practicing workplace and professional writing, integrating development theories with practice and gaining grant writing skills. Interested students consult with the Director of Practicum at Menno Simons College 3 months in advance of the term in which they wish to enrol

Restrictions: Perm - MSC Pract Dir Required. Students may not hold credit for this course and IDS-3199.

Requisite Courses: IDS-1100(6), IDS-2110(3), IDS-2171(3) [prerequisite(s)]; and additional 6 credit hours of IDS core courses [prerequisite(s)].

IDS-3199 (3) Local/National Practicum (3) in International Development Studies (3 hrs

Apprenticeship/Internship/Practicum) This three-credit hour course is an integrated work experience in a local or national setting. Students work in a relevant organization in a supervised field experience and participate in academic seminars over the course of the semester. Students reflect on, utilize and expand their knowledge of International Development while also practicing workplace and professional writing and integrating development theories with practice. Interested students consult with the Director of Practicum at Menno Simons College 3-months in advance of the term in which they wish to enrol.

Restrictions: Perm - MSC Pract Dir Required. Students may not hold credit for this course and IDS-3198.

Requisite Courses: IDS-1100(6), IDS-2110(3), IDS-2171(3) [prerequisite(s)]; and additional 6 credit hours of IDS core courses [prerequisite(s)].

IDS-3210 (3) Community Organizing for Social

Justice (3 hrs Seminar/Discussion) This course examines a range of strategies for promoting change in urban settings. Students study theories and historical examples of various kinds of social justice-focused community organizing. Local, national and international cases are examined. Examples may include, but are not limited to: neighbourhood-level organizing; feminist approaches to organizing; youth-led organizing; Indigenous models of organizing; forms of civil disobedience; policy advocacy and lobbying; and the use of the media in community organizing.

Cross-listed: UIC-3210(3).

Restrictions: Students may not hold credit for this course and UIC-3210.

IDS-3901 (3) Humanitarian Aid and Conflict: Do No

Harm (3 hrs Lecture) This course focuses on the problems of providing assistance in complex emergencies, where armed conflict has generated crises requiring a humanitarian response. It covers the nature of contemporary armed conflict, the actors involved in responding to complex emergencies, and the many dimensions of humanitarian aid and intervention. Through analysis of aid's impacts on the conflict and its effectiveness at meeting human needs, the course explores models of humanitarian assistance that minimize negative impacts.

Cross-listed: CRS-3901(3).

Restrictions: Students may not hold credit for this course

and CRS-3901.

Requisite Courses: IDS-1100 or CRS-1200 plus 45 credit hours of university credit or permission of the instructor [prerequisite(s)].

IDS-3910 (3) Peace Theory and Practice (3 hrs Lecture)

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).

Cross-listed: CRS-3910(3).

Restrictions: Students may not hold credit for this course and CRS-3910.

Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-3920 (3) Action Research Methods (3 hrs Lecture)

This course investigates the contemporary research and field work methods commonly used by researchers and practitioners in the fields of international development and conflict resolution studies. The course emphasizes attitudes and skills necessary to conduct participatory action research. Topics and techniques covered in the course include planning for research, proposal writing, sampling strategies, interviewing and focus group techniques, life history, photovoice and participatory video, integrating qualitative and quantitative methods, and post-field work activities.

Cross-listed: CRS-3920(3).

Restrictions: Students may not hold credit for this course and CRS-3920.

Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-4100 (3) Senior Seminar in International

Development Studies (3 hrs Project / Thesis) 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.

Restrictions: Honours Form Required.

Requisite Courses: IDS-2110 (or the former IDS-3110), IDS-3101, IDS-3111, and IDS-3199, or permission of the instructor [prerequisite(s)].

IDS-4110 (6) Development Theory (3 hrs Lecture) 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.

Restrictions: Honours Form Required. Students may not hold credit for this course and IDS-4111.

Requisite Courses: IDS-2110, IDS-3111, IDS-3101, and IDS-3199, or permission of the instructor [prerequisite(s)].

IDS-4120 (3) Honours Thesis (3 hrs Lecture) 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.

Note: Students are strongly encouraged to complete their research requirements for the IDS Honours program before registering for this course.

Restrictions: Honours Form Required.

Requisite Courses: IDS-2110 (or the former IDS-3110), IDS-3101, IDS-3111 and IDS-3199 [prerequisite(s)].

IDS-4182 (3) Selected Topics in International Development Studies (3 hrs Lecture) 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. This course may be repeated for credit when the topic varies. Please see the IDS Program or Academic Advisor for a specific course description.

Restrictions: Honours Form Required.

Requisite Courses: IDS-2110 and IDS-3111 or permission of the Program Coordinator or the instructor [prerequisite(s)].

IDS-4193 (3) Directed Readings in International Development Studies (3 hrs Lecture) In this course, advanced readings and assignments in the area of International Development Studies are arranged between an individual student and instructor.

Requisite Courses: Student must have successfully completed IDS-2110 (or the former IDS-3110), IDS-3101 AND IDS-3111 [prerequisite(s)].

IDS-4824 (3) Biocultural Diversity Conservation (3 hrs Seminar/Discussion) This course focuses on the interrelationship between indigenous peoples and their environment. Indigenous and local communities contribute with understanding, practices and innovations regarding the use and conservation of biodiversity and natural resources in diverse ecosystems. The value of indigenous knowledge is recognized in international agreements and efforts are made to integrate traditional ecological knowledge into conservation and management programs. The tensions arising from the confluence of indigenous and scientific knowledge, the opposition of different

epistemological approaches, the increasing loss of bio diversity and indigenous cultures, the interconnectedness between biological and cultural diversity are the central themes of this course.

Cross-listed: ANTH-4024(3), IS-4024(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4024 | IS-4024.

IDS-4910 (3) Conflict and the Construction of the Other (3 hrs Seminar/Discussion) 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.

Cross-listed: CRS-4910(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and CRS-4910.

Requisite Courses: CRS-1200, CRS-2210 and CRS-3220 or IDS-1100, IDS-2110 and IDS-3111, or permission of the instructor [prerequisite(s)].

IDS-4920 (3) Program Planning in Development and Conflict Resolution (3 hrs Lecture) Program planning is a critical first step in most interventions by development and conflict resolution organizations. This course covers blueprint planning required for preparation of funding proposals and various forms of strategic and participatory planning required for the application of results-based management and learning approaches during program implementation. Current debates regarding approaches to planning are also reviewed. Students acquire skills necessary for conceptualizing and implementing international or domestic projects undertaken by non-governmental organizations: needs assessment, goal and purpose identification, formulation of logframe, workplan and budget, and preparation of a funding proposal.

Cross-listed: CRS-4920(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and CRS-4920.

Requisite Courses: IDS-1100 or CRS-1200 or permission of the instructor [prerequisite(s)].

IDS-4922 (3) Program Evaluation in Development and Conflict Resolution (3 hrs Lecture) Evaluating programs is a means of systematically assessing interventions designed to promote development and conflict resolution. This course covers formative evaluations required for program decision-making and summation evaluations applicable for analyzing outcomes and impacts to determine relevance, effectiveness, efficiency, sustainability and potential for replication of programs normally implemented by non-governmental organizations. Current debates in approaches to evaluation are also reviewed. Students acquire skills in: selecting relevant quantitative and qualitative indicators, various approaches to obtain measures for the indicators selected, approaches to analyzing collected data, and effective presentation of

evaluation conclusions and recommendations. Cost-benefit analysis is covered in ECON-3316(3).

Cross-listed: CRS-4922.

Restrictions: Honours Form Required. Students may not hold credit for this course and CRS-4922.

Requisite Courses: CRS-1200 or IDS-1100 or permission of the instructor [prerequisite(s)].

ITALIAN STUDIES

ITAL-1001 (6) Introductory Italian (3 hrs Lecture | 1 hrs Lab) 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.

Note: Native speakers of Italian or students who have standing in Italian 40S or equivalent are not eligible to take this course.

Requisite Courses: ITAL-1001L (lab) (must be taken concurrently).

ITAL-2002 (3) Intermediate Italian (3 hrs Lecture | 1 hrs Lab) The aim of this course is to enable students to increase their proficiency in the following skills: writing, reading, aural comprehension, and oral expression. Students review and build on grammar essentials read, translate, and discuss short stories and non-fiction topics of current interest, and write short compositions. Additional practice in conversation takes place during a mandatory one-hour language lab session per week.

Requisite Courses: ITAL-1001 [prerequisite(s)]; ITAL-2002L lab (must be taken concurrently).

ITAL-2003 (3) Italian Language and Culture (3 hrs Lecture | 1 hrs Lab) This course continues to review and build on the essentials of Italian grammar and increase proficiency in the following skills: writing, reading, aural comprehension, and oral expression. Students are expected to read, translate and discuss short stories/poems and readings on current events, and write compositions about relevant topics on Italian culture. Various readings from selected topics on Italian culture such as the arts, literature, politics, sport, food, immigration and globalization prepare students to think critically in Italian and expose them to aesthetics and societal changes in the Italian diaspora. Additional practice in conversation takes place during a mandatory one-hour language lab session per week.

Requisite Courses: ITAL-2002 [prerequisite(s)]; ITAL-2003L (lab) (must be taken concurrently).

ITAL-2201 (3) Italian Food and Culture (3 hrs Lecture)
This course examines the ways in which Italian food is constantly being reinvented. We use texts and video to explore socioeconomic trends that have influenced food production and consumption in Italy, such as the initiative of the slow food movement in the 1980s when fast food threatened the nature of Italian cuisine. We look at changes in family dynamics and the role of women over the years. Language and literature play an important role in the evolution and reinvention of Italian food culture. In an era of multiculturalism and globalization, we question the term authentic when describing foods and beverages.

KINESIOLOGY AND APPLIED HEALTH

KIN-1101 (3) Introduction to Kinesiology (3 hrs Lecture) 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-1102 (3) Introduction to Health (3 hrs Lecture) This course describes several concepts related to health including content covered by the Manitoba Physical Education/Health Education curriculum. Students learn to discern health information as it relates to making healthy lifestyle decisions and being able to educate others regarding healthy lifestyle practices.

KIN-1200 (3) Principles of Coaching (3 hrs Lecture) 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-1601 (3) Nutrition for Health and Wellness (3 hrs Lecture) This course emphasizes basic nutrition information, especially as it contributes to informed decision-making by the consumer. Students are introduced to the major nutrients, Canadian nutrition standards and guidelines, and the role nutrition plays in optimal health, physical activity and disease prevention.

Restrictions: Students may not hold credit for this course and KIN-2501.

KIN-2061 (3) Sport in the Ancient Greek World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient Greece, 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 ancient Greece in this area to Western civilization.

Cross-listed: CLAS-2061(3).

Restrictions: Students may not hold credit for this course and CLAS-2060 | CLAS-2061 | KIN-2060.

KIN-2062 (3) Sport in the Ancient Roman World (3 hrs Lecture) The course examines the origin and historical development of sport in ancient 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 ancient Rome in this area to Western civilization.

Cross-listed: CLAS-2062(3).

Restrictions: Students may not hold credit for this course and CLAS-2060 | CLAS-2062 | KIN-2060.

KIN-2100 (3) Leadership in Sport: Emerging Perspectives (3 hrs Lecture) 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 (3 hrs Lecture) 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-2102 (3) Pedagogical Theories and Models in Physical Activity and Sport (3 hrs Lecture) This course focuses on teaching and how it relates to physical activity and sport. Using a theory-based emphasis, students develop an understanding of pedagogy; examine its role in physical activity and sport; and consider the key individuals involved in the pedagogical process (i.e., instructors; learners). Specific attention is given to model-based instruction and its application to contemporary physical activity programs for children and youth.

Restrictions: Students may not hold credit for this course and KIN-2206 | KIN-2400.

Requisite Courses: KIN-1101 [prerequisite(s)].

KIN-2104 (3) Outdoor Recreation and Education (3 hrs Lecture/Lab Combined) This course views the outdoors as a laboratory for a 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.

Requisite Courses: KIN-2102 [prerequisite(s)].

KIN-2105 (3) Sport and Exercise Psychology (3 hrs Lecture) In this course students examine the latest research and practice in sport and exercise 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.

Note: The Department of Kinesiology and Applied Health recommends students take PSYC-1000, Introduction to Psychology.

Requisite Courses: KIN-1101 or PSYC-1000 [prerequisite(s)].

KIN-2109 (3) Instructing Sport and Physical Activities (3 hrs Lecture) 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.

Requisite Courses: KIN-1302 or KIN-1303 or KIN-1200 [prerequisite(s)].

KIN-2111 (3) Coaching and Teaching Basketball 1 (3 hrs Lecture) 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.

Requisite Courses: KIN-1200 or KIN-1302 or KIN-1303 [prerequisite(s)].

KIN-2112 (3) Coaching and Teaching Volleyball I (3 hrs Lecture) 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.

Requisite Courses: KIN-1200 or KIN-1302 or KIN-1303 [prerequisite(s)].

KIN-2200 (3) Issues in Sport (3 hrs Lecture) 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.

Requisite Courses: A minimum of 30 credit hours including KIN-1101(3) or KIN-1200(3) [prerequisite(s)].

KIN-2201 (3) Biomechanics 1: Introduction to Movement Analysis (3 hrs Lecture/Lab Combined) This course introduces students to the field of biomechanics. Students apply principles of linear and angular kinematics to whole body and segmental human movements, such as those encountered in gait, physical activity, and sport. Students learn how to perform qualitative and quantitative analyses of human movement using methods encountered in kinesiology practice, such as pedometers and cameras. Related principles of kinetics are also introduced. This course is suitable for students pursuing careers in kinesiology, physical education, and allied health. A minimum of 6 hours of experiential learning is included in this course.

Requisite Courses: KIN-1101 or BIOL-1112 or permission of the instructor [prerequisite(s)].

KIN-2202 (3) Prevention and Care of Sport Injuries (3 hrs Lecture | 2 hrs Lab) 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.

Requisite Courses: KIN-2301 [prerequisite(s)];

KIN-2202L (lab) (must be taken concurrently).

KIN-2204 (3) Human Physiology (3 hrs Lecture | 2 hrs Lab) This course examines the physiological processes of the major effector organ system (cardiovascular, digestive, muscular, respiratory, and renal) that maintain homeostasis within the human body. Regulation of homeostasis by control systems (nervous and endocrine) is also explored. This course can be used toward the Science requirement.

Restrictions: Students may not hold credit for this course and BIOL-1103.

Requisite Courses: KIN-2204L (lab) (must be taken concurrently); BIOL-1115(3) and BIOL-1116(3) or BIOL-1112(6) or permission of the instructor [prerequisite(s)].

KIN-2207 (3) Physical Growth and Motor Development (3 hrs Lecture) 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.

Requisite Courses: KIN-1101 [prerequisite(s)].

KIN-2256 (3) Research Methods in Kinesiology (3 hrs Lecture) This course provides an introduction to research methods used in Kinesiology. Students gain a comprehensive understanding of how to conduct research across the various sub-disciplines of Kinesiology. Quantitative, qualitative, and mixed methods research designs and applications are discussed. Emphasis is placed on ensuring that students understand how to apply knowledge from the scientific literature to practice in the field of Kinesiology.

Requisite Courses: KIN-1101(3) and one of STAT-1301(3), STAT-1501(3), PSYC-2101(3) or SOC-2125(3) [prerequisite(s)].

KIN-2301 (3) Human Musculoskeletal Anatomy (3 hrs Lecture | 2 hrs Lab) This course involves an in-depth study of the human musculoskeletal system and also includes information on bony articulations and muscular innervations. Information provided in this course serves as a foundation for further study of movement and exercise in subsequent Kinesiology and Applied Health courses.

Note: This course can be used toward the Science requirement.

Requisite Courses: KIN-2301L (lab) (must be taken concurrently); KIN-1101(3) or permission of the instructor [prerequisite(s)].

KIN-2304 (3) Scientific Principles of Fitness and Conditioning (3 hrs Lecture | 2 hrs Lab) This course provides an introduction to the major physical activity training principles for fitness assessments and exercise prescriptions in healthy populations. Topics covered include the measurement and evaluation of cardiovascular fitness, musculoskeletal fitness, body composition, balance and flexibility. The laboratory component consists of the practical skills and protocols used for proper fitness assessment. This course can be used toward the Science

requirement.

Requisite Courses: KIN-1101 or permission of the instructor [prerequisite(s)]; KIN-2304L (lab) (must be taken concurrently).

KIN-2305 (3) Issues in Health (3 hrs Lecture) This course focuses on contemporary issues in health drawn from the intellectual, emotional, physical, social, spiritual, environmental and occupational dimensions of wellness. Students discuss issues and engage in critical evaluations that examine a holistic view of health and health promotion to varied populations and communities.

KIN-2850 (3) The Classical Roots of Medical

Terminology (3 hrs Lecture) Knowledge of medical terminology equips students for a variety of fields. This course lays out the most important Greek and Latin roots of the vocabulary of contemporary medicine and demonstrates the predictable patterns by which these roots combine, introducing students to the concept of building language using root words, prefixes and suffixes. Students learn to define new compounds and phrases by analysis of their parts.

Cross-listed: CLAS-2850(3).

Restrictions: Students may not hold credit for this course and CLAS-2850.

KIN-3060 (3) Health in Antiquity (3 hrs Lecture) This course explores health, disease, and medicine in the Greek and Roman world. It draws upon evidence from the ancient textual sources (especially Galen and Hippocrates), social history, and archaeology (the latter including all manner of finds - architecture, art, artifacts, environmental materials, and skeletal remains) to examine how residents of the Greek and Roman world perceived and experienced health and disease, and how they sought to combat illness and to promote healing.

Cross-listed: ANTH-3262(3) and CLAS-3060(3).

Restrictions: Students may not hold credit for this course and ANTH-3262 | CLAS-3060.

Requisite Courses: 3 credits in any Classic, Anthropology or Kinesiology course [prerequisite(s)].

KIN-3100 (3) Professionalism in Applied Health (3 hrs Lecture) This course presents the professional values and principles required to work and interact in an ethical manner within the interdisciplinary sport medicine and health promotion environment. Students explore the meaning and practice of professionalism as it relates to scope of practice, interprofessional relations, provider and client ethics.

Requisite Courses: KIN-2202(3) plus 60 credit hours [prerequisite(s)].

KIN-3103 (3) Inclusive Physical Activity (3 hrs Lecture) In this course students explore the interaction of personal, task and environmental variables in facilitating physical activity for persons with disabilities. While the focus is on school physical education, the course has application to inclusion in fitness, recreation, and sport settings. Students are required to volunteer in an out-of-class physical activity program for people with disabilities (minimum 8 hours).

Requisite Courses: KIN-1101 [prerequisite(s)].

KIN-3105 (3) Psychological Skills in Sport and Life (3 hrs Lecture) This course involves the study of theories and practices pertaining to psychological skills assessment, development and monitoring. Students analyze modern mental preparation techniques and discuss their implications for performance and satisfaction enhancement in sport and life.

Note: The Department of Kinesiology and Applied Health recommends students take PSYC-1000, Introduction to Psychology.

Requisite Courses: Minimum 30 credit hours completed [prerequisite(s)].

KIN-3106 (3) Exercise Physiology (3 hrs Lecture | 3 hrs Lab) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: KIN-2204 Human Physiology or (Comparative Animal Physiology I & II [BIOL-3602 and BIOL-3603]) and KIN-2304 Scientific Principles of Fitness and Conditioning or permission of the instructor [prerequisite(s)]; KIN-3106L (lab) (must be taken concurrently).

KIN-3107 (3) Therapeutic Modalities in Sport

Medicine (3 hrs Lecture | 2 hrs Lab) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: KIN-3505 and a minimum grade of B in KIN-2301 and KIN-2202 or permission of the instructor [prerequisite(s)].

KIN-3110 (1.5) Instruction in Individual/Dual Based Physical Activities (1.5 hrs Lab for Degree Credit)

This course focuses on developing basic knowledge and skills related to the instruction of selected individual and dual sports/activities that are developmentally appropriate for various ages partaking in Physical Education classes, community sports or recreational programs. Principles of instruction, skill development, and basic rules and strategies of play in individual/dual based physical activities are discussed. Principles of motor development, motor learning, biomechanics, pedagogy and skill acquisition are applied.

Note: This course is graded on a pass/fail basis.

Restrictions: Students may not hold credit for this course and KIN-1302.

Requisite Courses: KIN-2102 [prerequisite(s)].

KIN-3111 (1.5) Instruction in Team Based Physical

Activities (1.5 hrs Lab for Degree Credit) This course provides students with specific knowledge related to the instruction of selected team sports and physical activities appropriate to schools or other settings. Principles of instruction, skill development, and basic rules and strategies of play are discussed. Information on motor development, motor learning, psychology, pedagogy, and skill acquisition in team based activities is applied.

Note: This course is graded on a pass/fail basis.

Restrictions: This course cannot be held for credit with the former KIN-1303 (Teaching Team Physical Activities), KIN-2111 (Coaching and Teaching Basketball) or KIN-2112 (Coaching and Teaching Volleyball).

Requisite Courses: KIN-2102 [prerequisite(s)].

KIN-3112 (1.5) Instruction in Rhythmic and Gymnastic

Activities (1.5 hrs Lab for Degree Credit) This course explores both rhythmic and gymnastics-based activities in their many forms and purposes. The content encompasses the theory and practice of dance and gymnastic activities with a focus on the physical, cultural, and social aspects of these activities. All course material is covered from an instructional perspective with a concentration on developmentally appropriate delivery of these activities to children and youth.

Note: This course is graded on a pass/fail basis.

Restrictions: This course cannot be held for credit with the former KIN-1302 (Teaching Individual Physical Activities); KIN-1303 (Teaching Team Physical Activities).

Requisite Courses: KIN-2102 [prerequisite(s)].

KIN-3113 (1.5) Instruction in Fitness Activities

(1.5 hrs Lab for Degree Credit) This course explores the many forms of fitness- and exercise-focused physical activities. All material will be covered from an instructional perspective with a concentration on developmentally appropriate introduction and instruction of fitness activities to children and youth. The content will encompass the role of fitness, fitness assessment, and fitness trends, and will also cover skills related to instructional strategies when introducing fitness activities as part of an education program.

Note: This course is graded on a pass/fail basis.

Restrictions: This course cannot be held for credit with the former KIN-1302 (Teaching Individual Physical Activities); KIN-1303 (Teaching Team Physical Activities).

Requisite Courses: KIN-2102 [prerequisite(s)].

KIN-3201 (3) Biomechanics

(3 hrs Lecture | 2 hrs Lab) This course employs mechanical and neuromuscular principles in the qualitative and quantitative analysis of human movement. Laboratory work examines two-dimensional kinematics and kinetics.

Note: This course can be used toward the Science requirement.

Restrictions: Students may not hold credit for this course and KIN-2201.

Requisite Courses: KIN-2301 [prerequisite(s)]; KIN-3201L (lab) (must be taken concurrently).

KIN-3202 (3) Musculoskeletal Support Techniques (3 hrs Lecture | 3 hrs Lab) In this course, the student studies the theoretical basis and application of various on-field

assessment techniques, transportation of injured athletes from the field, functional testing, return to play guidelines, as well as taping and splinting techniques in sport. The student develops proficiency in the advanced techniques of on-field injury assessment and management, along with support techniques for the upper and lower body. The student is also introduced to techniques in splinting and bracing including foot orthotics, knee braces, and specialized splints. This is a practical, skill-based course designed for students pursuing Athletic Therapy as a career.

Restrictions: Students may not hold credit for this course and KIN-2503.

Requisite Courses: KIN-2202 and KIN-2301 [prerequisite(s)].

KIN-3206 (3) Directed Studies

(3 hrs Directed Reading) 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.

Note: Permission of the Department Chair is required.

Restrictions: Department Permission Required.

KIN-3208 (3) Physical Activity and Aging

(3 hrs Lecture) The course introduces students to theories, concepts, and issues associated with the effects of physical activity on adult development and aging. Course content includes how systems age, exercise prescription and physical activity program design and delivery for older populations. Students are required to participate in an 8 hour community practicum experience related to aging and physical activity.

Requisite Courses: KIN-2304 or permission of the instructor [prerequisite(s)].

KIN-3209 (3) Motor Control and Learning

(3 hrs Lecture) This course presents principles and theories that explain processes involved in the acquisition and control of motor skills with applications to teaching, learning, coaching, and rehabilitation. Several features of voluntary motor skills are explored, ranging from sensory processing to planning and generating skilled motor actions. Mechanisms of motor learning are presented as a foundation to understand how the structure of practice and performance feedback influences the acquisition and retention of motor skills.

Requisite Courses: KIN-1101 and a minimum of 45 credit hours completed [prerequisite(s)].

KIN-3301 (3) Applied Human Anatomy

(3 hrs Lecture | 3 hrs Lab) The course focuses on the functional aspects of human anatomy. Topics include applied neuroanatomy (cranial nerves and concussions), anatomy of diagnostic imaging techniques such as X-ray, MRI, CT scan and ultrasound; and anatomical/musculoskeletal palpation skills. The course is geared to students in the Enhanced Major in Athletic Therapy. Students seeking other health related professional degrees or certifications must get permission of the instructor before registering for this course.

Restrictions: Students may not hold credit for this course and KIN-4301.

Requisite Courses: Minimum grade of B in KIN-2301, or Permission of Instructor [prerequisite(s)].

KIN-3304 (3) Advanced Resistance Training (3 hrs Lecture) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: KIN-2301 and KIN-2304 [prerequisite(s)].

KIN-3305 (3) Physical Activity: Promotion and Adherence (3 hrs Lecture) 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.

Requisite Courses: A minimum 30 credit hours completed [prerequisite(s)].

KIN-3500 (6) Athletic Therapy: Practicum 1 (3 hrs Apprenticeship/Internship/Practicum) This course provides both on-field and clinical experience in athletic therapy under the appropriate supervision. Students learn to apply the theoretical knowledge of injury prevention and management while working in a field setting for approximately 125 hours. A concurrent clinical placement of approximately 125 hours provides an opportunity to assess and rehabilitate injuries experienced by the athletic and physically active population. Students also attend regularly scheduled practicum seminars. This course can be used towards the Science requirement and is graded on a pass/fail basis.

Note: Proof of registration with the Canadian Athletic Therapists Association and the Manitoba Athletic Therapists Association must be provided to the practicum coordinator prior to obtaining permission to take the course. Acceptance into the Athletic Therapy Enhanced Major Program is required prior to registration, or Permission of the Instructor

Restrictions: Instructor Permission Required.

Requisite Courses: KIN-3202 (must be taken concurrently).

KIN-3501 (3) Assessment of Upper and Lower Limb Sport Injuries (3 hrs Lecture | 2 hrs Lab) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: A minimum grade of B in KIN-2301

and KIN-2202 or permission of the instructor [prerequisite(s)]; KIN-3501L (lab) (must be taken concurrently).

KIN-3502 (3) Rehabilitation of Upper and Lower Limb Sport Injuries (3 hrs Lecture | 2 hrs Lab) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: KIN-3201 and a minimum grade B in KIN-2304 and KIN-3501 or permission from the instructor [prerequisite(s)]; KIN-3502L (lab) (must be taken concurrently).

KIN-3504 (3) Sport First Responder (3 hrs Lecture) 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.

Requisite Courses: KIN-2202 with a minimum grade B or permission of the instructor [prerequisite(s)].

KIN-3505 (3) Pathology in Sport Medicine (3 hrs Lecture) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: BIOL-1112 or KIN-2301 and KIN-2204 or permission of the instructor [prerequisite(s)].

KIN-3506 (3) Soft Tissue Manual Therapy (3 hrs Lecture | 3 hrs Lab) Students explore the theoretical basis and technical application of soft tissue manual therapy. The course examines the basic components of joint mobilization, massage including pre and post event, myofascial release, trigger point therapy, soft tissue release, strain/counterstrain, instrument assisted and muscle energy techniques.

Restrictions: Students may not hold credit for this course and KIN-3503.

Requisite Courses: KIN-2301 and KIN-2202, with a minimum grade of B, or permission of the instructor [prerequisite(s)].

KIN-4104 (3) Sport Ethics (3 hrs Lecture) Using such philosophical concepts as deontology, teleology and existentialism, this course provides an inquiry into ethics and morality as they apply to sport and physical education. The course challenges students' understanding of theories and frameworks, develops skills using methods in moral

reasoning and critical reflection, and examines issues of professionalism and professional conduct. The role of organizations in promoting ethical values and social responsibilities in sport and physical education is also examined and critically evaluated.

Requisite Courses: KIN-2200 or KIN-2305 or permission of the instructor [prerequisite(s)].

KIN-4106 (3) Exercise Physiology in Chronic Disease (3 hrs Lecture) In developed nations, chronic diseases comprise the major causes of morbidity and mortality. This course examines the pathophysiology of selected chronic diseases and how each affects exercise performance. Exercise prescription for these higher risk populations is also examined. The chronic diseases discussed include, but are not limited to: cardiovascular disease, diabetes, arthritis, osteoporosis.

Requisite Courses: KIN-3106 and KIN-3505 or permission of the instructor [prerequisite(s)].

KIN-4156 (3) Honours Thesis I (Lecture | 3 hrs Project / Thesis) This course is designed for students wishing to pursue topics of special interest at an advanced level for completion of an Honours degree in Kinesiology. Students focus on establishing their research question/hypothesis, review of literature and methodology in preparation for Honours Thesis II.

Restrictions: Students may not hold credit for this course and KIN-3256.

KIN-4200 (3) Advanced Seminar Coaching (3 hrs Lecture) 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.

Requisite Courses: KIN-1200(3), KIN-2101(3), KIN-2105(3), KIN-2304(3) [prerequisite(s)].

KIN-4201 (3) Applied Biomechanics (3 hrs Lecture) This course focuses on advanced topics in biomechanics, such as ergonomics, multi-segmental motion, biomechanics of biological tissues, and data processing techniques. Students gain an in-depth understanding of various applications of biomechanics in kinesiology, such as accelerometer-based physical activity monitoring, IMUs, motion analysis systems, and electromyography. This course is intended for students pursuing honours degrees, graduate education, and/or careers related to biomechanics.

Requisite Courses: KIN-3201 [prerequisite(s)].

KIN-4206 (3) Directed Studies (3 hrs Directed Reading) 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.

Note: Permission of the Department Chair is required to register.

Restrictions: Department Permission Required.

KIN-4209 (3) Neural Control of Movement (3 hrs Lecture) This course examines the involvement of the central nervous system in the control of human movement.

Various parts of the nervous system, such as the cerebral cortex, basal ganglia, cerebellum, brainstem, and spinal cord are explored. Specific topics of study include reflexes and voluntary movements, locomotion and postural control, visual and somatosensory processing, and neural plasticity. Examples from various movement pathologies are used to help explain sensorimotor control in the intact brain. Students obtain a fundamental understanding of how different structures in the nervous system are involved in sensory processing and in the control of human movement.

Requisite Courses: KIN-3209 [prerequisite(s)].

KIN-4256 (3) Honours Thesis II (3 hrs Lecture) This course is a continuation of the work accomplished in Honours Thesis I. Students focus on the completion and presentation of their thesis. This includes data collection, data analysis, and reporting and interpreting results. Students present their results, conclusions, and discussion to the department and other interested members of the University.

Restrictions: Students may not hold credit for this course and the former KIN-3256.

Requisite Courses: KIN-4156 [prerequisite(s)].

KIN-4344 (3) Kinesiology: Field Placement (3 hrs Apprenticeship/Internship/Practicum) This course places students in a kinesiology or health/fitness agency. Students provide service to the community while gaining experiential learning and practical experience with supervision. Placements are for a minimum of 100 hours and the course instructor will assist students in developing learning competencies and applying theory into practice through discussions and reflective assignments. This course is graded on a pass/fail basis. Additional Requirements: PHIA training; Standard First Aid/CPR C; record checks may be required when working with minors and/or vulnerable populations; see also Department of Kinesiology and Applied Health Fieldwork Handbook for placement-specific recommended courses.

Restrictions: Instructor Permission Required.

Requisite Courses: KIN-2105(3); KIN-2202(3); KIN-2204(3); KIN-2301(3); KIN- 2304(3) and one of KIN-3106(3), KIN-3201(3), or KIN-3209(3) [prerequisite(s)].

KIN-4500 (6) Athletic Therapy: Practicum 2 (3 hrs Apprenticeship/Internship/Practicum) This course provides both on-field and clinical experience in athletic therapy under the appropriate supervision. Students learn to apply the theoretical knowledge of injury prevention and management while working in a field setting for approximately 125 hours. A concurrent clinical placement of approximately 125 hours provides an opportunity to assess and rehabilitate injuries experienced by the athletic and physically active population. Students will also attend regularly scheduled practicum seminars. This course can be used towards the Science requirement and is graded on a pass/fail basis.

Restrictions: Instructor Permission Required.

Requisite Courses: Must receive a "pass" in KIN-3500 [prerequisite(s)]; A minimum B in KIN-3502 or Permission of the Instructor [prerequisite(s)]; KIN-4501 (must be taken concurrently).

KIN-4501 (3) Sports Injuries of the Spine (3 hrs Lecture | 3 hrs Lab) This course presents the theoretical and practical knowledge necessary for the assessment and treatment of musculoskeletal and neurological injuries to the spine. Students are introduced to a detailed study of the anatomy, mechanism of injury, assessment, treatment, and rehabilitation of the cervical, thoracic, and lumbar spine.

Note: A minimum B grade is required for a University of Winnipeg verification letter to challenge the National Certification exam with the Canadian Athletic Therapists Association.

Requisite Courses: Minimum B grade in KIN 3501 and KIN 3502 or permission of the instructor [prerequisite(s)]; KIN-4501L (lab) (must be taken concurrently).

KIN-4502 (3) Drugs and Ergogenic Aids in Sport (3 hrs Lecture) 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.

Note: This course can be used toward the Science requirement.

Requisite Courses: KIN-3106 [prerequisite(s)].

KIN-4556 (3) Honours Seminar in Kinesiology (3 hrs Seminar/Discussion) This course examines advance research methods, topics and professional practice in Kinesiology. This seminar provides Honours Kinesiology students the opportunity to enhance their understanding of kinesiology research and prepare them for undertaking their own research. Allowing them to explore issues related to advanced kinesiology topics and the research process (e.g. ethics, methodologies and instrumentation), as well as participate in discussions about research philosophy and issues related to writing and producing research.

Note: Permission of Chair or Honours supervisor is required.

Restrictions: Department Permission Required.

KIN-4601 (3) Nutrition for Sport Performance (3 hrs Lecture) This course explores the role of adequate nutrition for optimal performance in sport. Students examine sport-specific macro nutrient and micro nutrient needs of athletes, with a focus on the role of nutrients in energy metabolism as a means to support sport performance. Challenges in achieving adequate nutritional status and current issues in sport nutrition, including the use of nutritional ergogenic aids, are examined. Students are encouraged to consider evaluating scientific evidence in the rapidly evolving field of sports nutrition.

Requisite Courses: KIN-1601 (or the former KIN-2501), KIN-2304 and KIN-3106 [prerequisite(s)].

LINGUISTICS

LING-1001 (6) Introduction to Linguistics (3 hrs Lecture) This course introduces students to the nature of human language and linguistic research. The aim is to familiarize students with the properties of language by focusing on the following core areas: phonetics and phonology (sound structure), morphology (word structure), syntax (sentence structure), semantics (the structure of meaningful categories) and pragmatics (the use of language in specific social and cultural contexts). Other topics covered include language acquisition, language variation, and language change. A variety of languages are used for illustration.

Restrictions: Students may not hold credit for this course and ANTH-2022 | FREN-2022 | LING-1200.

LING-2001 (3) Phonetics and Phonology (3 hrs Lecture) This course describes all English consonant and vowel sounds in terms of 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 course focuses on English phonology, it also draws heavily on other languages to illustrate the key concepts. Students will be required to master characters and diacritics from the International Phonetic Alphabet.

Cross-listed: ANTH-2401(3) and ENGL-2803(3).

Restrictions: Students may not hold credit for this course and ANTH-2401 | ENGL-2803.

LING-2002 (3) Morphology (3 hrs Lecture) 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.

Cross-listed: ANTH-2402(3) and ENGL-2805(3).

Restrictions: Students may not hold credit for this course and ANTH-2402 | ENGL-2805.

LING-2003 (3) Syntax (3 hrs Lecture) 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 combine to form a variety of clauses and sentences types. Form, function, class and structure are introduced from the perspective of systemic functional and communication linguistics. These descriptive frameworks are contrasted with transformational generative models and others.

Cross-listed: ANTH-2403(3) and ENGL-2802(3).

Restrictions: Students may not hold credit for this course and ANTH-2403 | ENGL-2802.

LING-2004 (3) Semantics (3 hrs Lecture) Semantics is the branch of linguistics concerned with how we construct meaning using language. It is arguably the most diverse

branch, situated between the highly formalizable "inner layers" of phonology, morphology and syntax and the fuzzier "outer layer" of pragmatics. Key ideas covered in the course include: the difference between sense and reference, the application of basic rules in formal logic, prototype theory, componential analysis, and cognitive semantics; how to identify thematic roles in sentences; the functions of noun classifiers, deictics, and adpositions in different languages; and, the nature of metaphors, metonyms and image schemas.

Cross-listed: ANTH-2405(3) and ENGL-2806(3).

Restrictions: Students may not hold credit for this course and ANTH-2405 | ENGL-2806.

LING-2101 (3) Language and Culture (3 hrs Lecture)

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.

Cross-listed: ENGL-2804(3) and ANTH-2406(3).

Restrictions: Students may not hold credit for this course and ANTH-2406 | ENGL-2804.

LING-2102 (3) Method and Theory in Linguistic Anthropology (3 hrs Lecture/Seminar)

This course examines the relationship between language and culture, including the theories and principles of linguistic anthropology. More than 20 languages are compared and contrasted in order to understand the concepts of language structure. Topics include the basic principles of phonetics and phonology, morphology, syntax, pragmatics, language change, literacy, nonverbal communication and signed languages.

Cross-listed: ANTH-2400(3).

Restrictions: Students may not hold credit for this course and ANTH-2400.

LING-2103 (3) Languages of the World (3 hrs Lecture)

Taking a general overview of the linguistic map of the world where approximately 7000 languages are currently spoken, this course looks at some of the main language families and examines evidence for genetic relationships within them. Variations within a single language, principles underlying different writing systems, as well as issues of language contact, endangered languages, and the role of English as an emerging world language are also considered. Examples are drawn from a wide range of languages.

Cross-listed: ANTH-2404(3).

Restrictions: Students may not hold credit for this course and ANTH-2404 | LING-2404.

LING-2104 (3) Language Revitalization (3 hrs Lecture)

This course examines the need for language revitalization in the context of language endangerment that is now occurring on a global scale. Students learn about factors that contribute to language remaining strong, as well as processes such as colonization and assimilation that have led to language shift, loss, and death. Students learn about the importance of diverse languages, and also about strategies and programs that communities have applied to maintain or regain their languages. Key language revitalization methods are taught, including language healing, language development, language learning technologies, language nests, and master-apprentice programs.

Cross-listed: ANTH-2407(3) and IS-2407(3).

Restrictions: Students may not hold credit for this course and ANTH-2407 | IS-2407.

LING-2208 (3) Greek and Latin in Today's English (3

hrs Lecture) 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 will 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.

Cross-listed: CLAS-2800(3).

Restrictions: Students may not hold credit for this course and CLAS-2800.

LING-2301 (3) Phonetics (3 hrs Lecture | 3 hrs Lab) This

course presents the theory and practice of French phonetics and phonology. Theory covers the acoustics and physiology of speech, the International Phonetic Alphabet, the description of French vowels, consonants, articulation features (assimilation, liaison, etc.), and prosodic patterns (syllabation, rhythm, intonation, etc.). Practical applications include phonetic transcription, orthoepy (the relationship between pronunciation and orthography) and a lab program aiming at oral performance.

Cross-listed: FREN-2202(3).

Restrictions: Students may not hold credit for this course and FREN-2202.

Requisite Courses: FREN-2105, or placement test, or the former FREN-1112 or permission of the instructor [prerequisite(s)]; LING-2301L (Lab) (must be taken concurrently).

LING-2401 (3) German Phonetics (3 hrs Lecture) This

course presents the theory and practice of German phonetics and phonology, its practical applications (e.g., the use of pronunciation dictionaries), and material realizations in standard German. Some areas of theory covered include the physiology of speech, the International Phonetic Alphabet, as it relates to German, and phonetic transcription. Emphasis is placed on the relationship

between pronunciation and orthography and on correcting the student's oral performance in German, including a study of intonation patterns in German.

Cross-listed: GERM-2202(3).

Restrictions: Students may not hold credit for this course and GERM-2202.

Requisite Courses: GERM-2109 or GERM-2110 [prerequisite(s)].

LING-3001 (3) Textual Analysis (3 hrs Lecture) This

course examines the principles and methods of textual analysis as a language-centered 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.

Cross-listed: ENGL-3800(6) and ANTH-3405(6).

Restrictions: Students may not hold credit for this course and ANTH-3405 | ENGL-3800.

LING-3006 (3) Language Typology (3 hrs Lecture) This

course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. 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.

Cross-listed: LING-4006(3), ANTH-3400 and ANTH-4400(3).

Restrictions: Students may not hold credit for this course and LING-4006 | ANTH-3400 | ANTH-4400.

Requisite Courses: ANTH-2400 or LING-2102 or permission of the instructor [prerequisite(s)].

LING-3101 (3) Registers of Our Daily Life (3 hrs

Lecture) 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.

Cross-listed: ANTH-3407(3), ENGL-3802(3).

Restrictions: Students may not hold credit for this course and ANTH-3407 | ENGL-3802.

Requisite Courses: LING-2101 or ANTH-2406 or ENGL-2804 [prerequisite(s)].

LING-3102 (3) Comparative Indo-European

Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of

Indo-European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto-culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: LING-4102(3), ANTH-3406(3) and ANTH-4406(3).

Restrictions: Students may not hold credit for this course and ANTH-3406 | ANTH-4406 | LING-4102.

LING-3103 (3) Sociolinguistics (3 hrs Lecture | Seminar/Discussion) Sociolinguistics is the systematic study of language as a social phenomenon with a focus on the relationship between language and various social variables such as age, class, ethnicity and gender. This course examines language variations on regional (regional dialects), social (sociolects) and personal (styles and registers) level, as well as topics such as standard language, slang, jargon, politeness and taboo. It introduces students to the concepts of language ideologies, communities of practice, multilingualism, diglossia and code switching, and explores the problems of language in the contact and of language shift, revival and planning.

Cross-listed: ANTH-3408.

Restrictions: Students may not hold credit for this course and ANTH-3408.

Requisite Courses: LING-1001 or ANTH-1001 or ANTH-1002 [prerequisite(s)].

LING-3104 (3) Indigenous Languages of South America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.

Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-4104(3), and IS-3104(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3411 | ANTH-4411 | IS-3104 | LING-4104.

LING-3105 (3) Speech and Language Disorders in Children (3 hrs Lecture) This course is designed to introduce students to the field of communication disorders in children. It provides an overview of professional issues. Possible topics include the identification of different types of communication disorders, procedures in the evaluation and treatment of these disorders, and child-care program

planning techniques.

Cross-listed: DEV-3300(3).

Restrictions: Students may not hold credit for this course and DEV-3300.

Requisite Courses: PSYC-2200 or Departmental permission [prerequisite(s)].

LING-3106 (3) Transnational and Intercultural Language and Communication (3 hrs Lecture) The course looks at the origins and development of language from a historical perspective and moves into specific case studies of unilingual, bilingual, and multilingual groups, their languages, how they communicate, and representational media used by the group. Students focus closely on how groups communicate with one another, often by using common languages and the practice of translation, and how groups use languages to represent their culture to other groups and within the group. Central to such transnational and intercultural communication is the representation of identity and heritage. As languages change, identity changes also occur.

Cross-listed: RHET-3156(3).

Requisite Courses: Any section of Academic Writing (or exemption from the writing requirement) and completion of 24 credit hours. Students taking a Major in Rhetoric and Communication must complete Academic Writing before taking this course [prerequisite(s)].

LING-3201 (3) Special Studies (3 hrs Lecture) 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 exceptional circumstances, and/or only when students can satisfy program requirements in no other way. The course proposal follows guidelines of the professor's host department and receives approval from the Program Coordinator.

Note: It is recommended that students complete at least 18 credit hours of Linguistics courses before registering.

Restrictions: Instructor Permission Required.

LING-3302 (3) French Morphology and Syntax (3 hrs Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of morphemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.

Cross-listed: FREN-3204(3).

Restrictions: Students may not hold credit for this course and FREN-3204.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-3303 (3) Géolinguistique français (French Geolinguistics) (3 hrs Lecture) This course presents contemporary varieties of French in Canada and other

parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America, major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).

Cross-listed: FREN-3202(3).

Restrictions: Students may not hold credit for this course and FREN-3202 | FREN-4202 | LING-4303.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-3305 (3) Studies in Bilingualism (3 hrs Lecture)

This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Leveille).

Cross-listed: FREN-3205(3), FREN-4205(3), and LING-4305(3).

Restrictions: Students may not hold credit for this course and FREN-3205 | FREN-4205 | LING-4305.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-3311 (6) Comparative Stylistics and Translation

(3 hrs Lecture) In this course, French is studied by being contrasted with English in a comparative lexicology and comparative grammar approach. Linguistic divergence is examined at 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 strategies (e.g. sentence segmentation into translation units, modulation, grammatical transposition). Translation strategies are explored so as to address the distinctive lexical, grammatical, syntactic, and pragmatic features of each language.

Cross-listed: FREN-3111(6).

Restrictions: Students may not hold credit for this course and FREN-3111.

Requisite Courses: You must successfully complete 6 credit hours in French Studies courses; including 3 credit hours in 2000-level language, or obtain permission of the instructor [prerequisite(s)].

LING-3401 (3) German Lexicology (3 hrs Lecture) 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. Course work emphasizes practical strategies for vocabulary enrichment and mastery.

Cross-listed: GERM-3403(3).

Restrictions: Students may not hold credit for this course and GERM-3403.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credit hours in 2000-level German Studies course except GERM-2001(6) [prerequisite(s)].

LING-3405 (3) The Acquisition of German as an

Additional Language (3 hrs Lecture) In this course students explore the learning and teaching of German as an additional language. Students learn about the process of language acquisition based on the example of German and their own language learning. Students examine how this knowledge can be used for teaching German as an additional language. Topics might include child language acquisition, and theories, techniques and practices of adult second language acquisition.

Cross-listed: GERM-3858(3).

Restrictions: Students may not hold credit for this course and GERM-3858.

Requisite Courses: GERM-2109 or GERM-2110 and any 3 credit hours in 2000-level German Studies courses [prerequisite(s)].

LING-3505 (3) History of the Spanish Language

(3 hrs Lecture) 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.

Cross-listed: SPAN-3301(3).

Restrictions: Students may not hold credit for this course and SPAN-3301.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000-level, or permission of the instructor [prerequisite(s)].

LING-4003 (3) Topics in Linguistics

(3 hrs Lecture) 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 the 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. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: Permission of the Program Coordinator plus a minimum of 18 credit hours from List A and 12 credit hours from List B or permission of the instructor [prerequisite(s)].

LING-4004 (6) Honours Thesis (3 hrs Thesis) Students undertake a research project in an area of linguistic interest. Each project is supervised by a faculty member,

who with the student selects a Thesis Committee consisting of at least one additional qualified person. Presentation of the results verbally and in thesis form to the Thesis Committee is an integral part of the course.

Note: This course is intended for but not restricted to students in the Honours program. Students must have a GPA of at least 3.0 in Linguistics.

Restrictions: Honours Form Required. Permission of Chair and Instr.

Requisite Courses: 18 credit hours from List A and 6 credit hours from List B [prerequisite(s)].

LING-4006 (3) Language Typology (3 hrs Lecture) This course examines and classifies a number of languages by applying the basic concepts of Anthropological Linguistics to analysis of the phonology, morphology, syntax, semantics, and pragmatics of various languages. The structure of these languages is compared and contrasted to explore typological patterns and explain structural diversity of human languages. 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.

Cross-listed: LING-3006(3) and ANTH-3400 and ANTH-4400(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3400 | ANTH-4400 | LING-3006.

LING-4025 (3) Indigenous Languages: Culture, Rights, and Conflict (3 hrs Seminar/Discussion)

Indigenous languages are an integral part of Indigenous peoples' identity, worldview and culture. It is however, currently estimated that up to ninety per cent of the world's Indigenous languages are likely to disappear by the end of the century. This course is designed to give students and overview of Indigenous language issues related to culture, advocacy, revitalization, and resistance. Students are encouraged to critically compare and contrast the treatment of Indigenous languages through legislation, policy, grassroots activism, and educational and systemic efforts in countries such as Canada, the United States, New Zealand, Norway, and Sweden.

Cross-listed: IS-4025(3), HR-4025(3).

Restrictions: Students may not hold credit for this course and HR-4025 | IS-4025.

Requisite Courses: IS-1015 or IS-1016 (or HIST-1009) and IS-1017 [prerequisite(s)].

LING-4101 (3) Topics in Language, Culture, and Communication (3 hrs Lecture)

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. This course may be repeated for credit when the topic varies.

Note: Permission of the Program Coordinator and the Instructor, plus LING-2101(3) and LING-3001(6) or in the absence of these courses permission of the Instructor is required. Students must have a GPA of at least 3.0 in Linguistics.

Restrictions: Department Permission Required.

Requisite Courses: LING-2101 and LING-3001 and

permission of the Program Coordinator [prerequisite(s)].

LING-4102 (3) Comparative Indo-European

Linguistics and Mythology (3 hrs Lecture) This course proposes an integrated overview of Indo-European tradition based on comparative linguistics, mythology, archaeology, social structure and religion. A survey of Indo-European languages, ancient and modern, including their relationships, writing systems, and sociolinguistic context, is followed by an examination of problems in analysis and reconstruction of Indo-European proto-language and proto-culture. The course further explores major Indo-European mythological and poetic traditions, and possible reconstruction of their common sources. It also examines belief systems, literary continuations of mythopoetic material, archeological evidence and historiographic records. Additional in-depth work is required to receive credit at the 4000 level.

Cross-listed: LING-3102(3), ANTH-3406(3) and ANTH-4406(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3406 | ANTH-4406 | LING-3102.

LING-4104 (3) Indigenous Languages of South

America (3 hrs Lecture) Presenting an integrated overview of the indigenous languages of South America, this course looks at main language families spoken there, their spatial distribution, history and classification, as well as their cultural background. With 53 language families and 55 isolates, South America is not only the most diverse region in linguistic terms, but also a storehouse of unusual structural features important for understanding the full range of possible variants of human language. The course also explores typological characteristics of South American languages, potential linguistic areas, proposals of more distant relationships, and the current situation of endangered languages in this region. Additional in-depth work is required to receive credit at the 4000-level.

Cross-listed: ANTH-3411(3), ANTH-4411(3), LING-3104(3), and IS-3104(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and ANTH-3411 | ANTH-4411 | IS-3104 | LING-3104.

LING-4201 (3) Special Studies I (3 hrs Lecture)

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. Students are required to submit a short course proposal to be vetted and approved by the professor with whom they propose to work and that professor's home department.

Note: Permission of the Program Coordinator and supervising Instructor plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.

Restrictions: Department Permission Required. Instructor Permission Required.

LING-4202 (6) Special Studies II (3 hrs Lecture)

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 when students can satisfy program requirements in no other way. Students are required to submit a short course proposal to be vetted and approved by the professor with whom they propose to work and that professor's home department.

Note: Permission of the Program Coordinator and supervising Instructor plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.

Restrictions: Department Permission Required. Instructor Permission Required.

LING-4203 (3) Tutorial Apprenticeship

(Apprenticeship/Internship/Practicum with variable meeting hours) This course provides opportunities for experiencing and exploring learning and teaching strategies in designated language, university linguistics and culture courses. Students may assist by: offering individual support and instruction for students facing challenges with course material; leading groups of advanced or remedial students within the class when appropriate; designing class materials including exercises and answer keys. Students meet regularly with the supervising professor or mentor in order to discuss and evaluate teaching strategies and materials

Restrictions: Department Permission Required. Instructor Permission Required.

Requisite Courses: A minimum of 18 credit hours from list A and 6 credit hours from list B with minimum GPA of 3.0 in Linguistics [prerequisite(s)].

LING-4204 (3) Research Apprenticeship (3 hrs

Apprenticeship/Internship/Practicum) In this course students reflect on how research issues influence their study of language 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.

Note: Permission of the Program Coordinator and supervising Instructor plus a minimum of 18 credit hours from list A and 6 credit hours from list B is required. Students must have a GPA of at least 3.0 in Linguistics.

Restrictions: Department Permission Required. Instructor Permission Required.

LING-4300 (3) Language and Style (3 hrs Lecture) The first focus of this course is on French Lexicology (e.g. word formation, neologisms), and the interaction between lexis, semantics (e.g. semantic fields) and syntax (e.g. idioms). The second focus is on the relation between language and style in various French texts (e.g. essays, speeches), explored for their stylistic variation and discursive features (e.g. foregrounding, rhythm). Class

work investigates French vocabulary and dictionary presentations of linguistic variation (usage labels of time, place and style). Course work includes compositions that develop lexical and rhetorical cohesion when writing in French, and a research paper on an individual linguistic topic.

Cross-listed: FREN-4200(3).

Restrictions: Honours Form Required.

Requisite Courses: 6 credit hours in 2000-level FRENCH language/linguistics or permission of the instructor [prerequisite(s)].

LING-4303 (3) Géolinguistique Française (french Geolinguistics) (3 hrs Lecture)

This course presents contemporary varieties of French in Canada and other parts of the Francophone World. After a brief introduction to linguistic change from early dialects to today's international norm, the course focuses on regional variation particularly in Canada and North America, major geolinguistic concepts (e.g. regionalism, isogloss), and fieldwork methods. Sound documents are explored for their vocabulary and grammar, to help students expand their communication skills in different environments, as they become more familiar with different varieties of French. The Honours level concentrates on methodology and linguistic data analysis (e.g. lexicometry, linguistic atlases).

Cross-listed: FREN-4202(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3202 | FREN-4202 | LING-3303.

Requisite Courses: 6 credit hours of 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

LING-4304 (3) French Morphology and Syntax (3 hrs

Lecture) Based on the analysis of modern French, this course presents fundamental linguistic concepts, including nature and types of monemes, distributional and syntactic properties of morphemes, and the French verbal system (mood, tense and aspect). The syntax of simple, compound and complex sentences is studied in a transformational-generative perspective, as it applies to French. At the Honours level, in FREN-4206/LING-4304, additional approaches (mainly the functional and the cognitive) are used to examine complex utterances in various oral and written styles.

Cross-listed: FREN-4206(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-4112 | FREN-4206 | LING-4302.

Requisite Courses: 6 credit hours of 2000-level French language/linguistics or permission of instructor [prerequisite(s)].

LING-4305 (3) Studies in Bilingualism (3 hrs Lecture)

This course explores three major aspects of bilingualism: the context, the learner, and the writer. The context section introduces historical and geographical aspects of bilingualism (e.g. official/unofficial bilingualism in the Francophone world), and resulting sociolinguistic situations (e.g. diglossia/bilingualism). The main section of the course focuses on the bilingual learner (e.g. multilingual acquisition, compound bilingualism, the active lexicon in

Franco-Manitoban and immersion schoolchildren). The concluding section examines examples of bilingual writing (e.g. Beckett, Green, Leveille).

Cross-listed: FREN-3205(3), FREN-4205(3), and LING-3305(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and FREN-3205 | FREN-4205 | LING-3305.

Requisite Courses: 6 credit hours in 2000-level French language/linguistics, or permission of the instructor [prerequisite(s)].

MATHEMATICS

MATH-0031 (0) Math Access for Early/Middle

Teachers (3 hrs Lecture | 1.25 hrs Lab) This course covers selected topics from the K-12 math curriculum in preparation for the course MATH-2903. Topics include the real number system, integer and fraction arithmetic, proportions and percentages, exponents, the distributive property, solving linear equations, basic geometry, the Pythagorean theorem and the Cartesian coordinate system. This course can be used to satisfy the prerequisite for MATH-2903 but may not be used as a prerequisite for MATH-0042 or for any other mathematics course.

Note: This is a non-credit course offered over 12 weeks.

Requisite Courses: MATH-0031L (lab) (must be taken concurrently).

MATH-0041 (0) Mathematics Access I (3 hrs Lecture | 1.25 hrs Lab) This course covers mathematics from school math courses. Topics include the real number system, integer and fraction arithmetic, exponents and radicals, polynomial arithmetic and algebraic expressions, rational expressions, equation-solving techniques, coordinate geometry, lines, functions, and geometry of right-angled triangles. This course may be audited by students who have passed Applied Math 40S, Pre-Calculus 30S or Pre-Calculus 40S.

Note: This is a non-credit course offered over 12 weeks. Students who are registered in high school may not register in this course.

Requisite Courses: MATH-0041L (lab) (must be taken concurrently).

MATH-0042 (0) Mathematics Access II (3 hrs Lecture | 1.25 hrs Lab) This course covers mathematics from high school pre-calculus courses. Topics include fractional equations, factorization of polynomials, synthetic division, inequalities, relations and functions, exponential and logarithmic functions, circular functions, and trigonometry. This course may be audited by students who have passed Pre-Calculus 40S. MATH-0042 can be used in lieu of Pre-Calculus 40S Mathematics for all university prerequisites.

Note: This is a non-credit course offered over 12 weeks. Students who are registered in high school may not register in this course.

Requisite Courses: A minimum grade of 65% in Pre-Calculus 30S or a minimum grade of C+ in MATH-0041 or permission of the Department Chair [prerequisite(s)]; MATH-0042L (lab) (must be taken concurrently).

MATH-1103 (3) Introduction to Calculus I (3 hrs Lecture | 1.25 hrs Lab) This course covers differential calculus of a function of one variable. Topics include limits, continuity, and the differentiation of elementary functions (algebraic, trigonometric, inverse trigonometric, exponential and logarithmic functions). Applications include curve sketching, optimization problems, and related rate problems. The combined material from MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II is equivalent to MATH-1101(6) Introduction to Calculus.

Note: Students who have not obtained a minimum grade of 60% in Pre-Calculus 40S are strongly advised to take

MATH-0042 prior to registering in this course.

Restrictions: Students may not hold credit for this course and MATH-1101 | MATH-1102.

Requisite Courses: Pre-Calculus Mathematics 40S or MATH-0042 with a minimum grade of C or the former MATH-0040 [prerequisite(s)]; MATH-1103L (lab) (must be taken concurrently).

MATH-1104 (3) Introduction to Calculus II (3 hrs Lecture | 1.5 hrs Lab) This course covers single variable integral calculus, parametric equations and polar coordinates. Topics include: definite and indefinite integrals, L'Hôpital's rule, techniques of integration, improper integrals, parametric equations and polar coordinates. Applications covered include areas between curves, volumes of solids of revolution, and arc lengths of parametric curves. The combined material from MATH-1103(3) Introduction to Calculus I and MATH-1104(3) Introduction to Calculus II is equivalent to MATH-1101(6) Introduction to Calculus.

Restrictions: Students may not hold credit for this course and MATH-1101 | MATH-1102.

Requisite Courses: Minimum grade of C in MATH-1103 [prerequisite(s)]; MATH-1104L (lab) (must be taken concurrently).

MATH-1201 (3) Linear Algebra I (3 hrs Lecture) This course covers results related to systems of linear equations, matrices, determinants, properties of complex numbers, vector geometry, vector space properties of n-dimensional Euclidean space and an introduction to eigenvalues, eigenvectors and linear transformations.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)].

MATH-1301 (3) Applied Mathematics for Business & Administration (3 hrs Lecture) This is an applied course covering several standard methods in mathematics that are relevant to students majoring in business or administration. The course provides an introduction to the time value of money, matrices, linear programming and regression analysis with applications to business and administration. **Note:** This course cannot be used towards the major, minor, teachable major or teachable minor requirement for a degree in Mathematics.

Restrictions: Students who have already received credit for a 2000-level course in mathematics, with the exception of MATH-2901(3), MATH-2902(3), MATH-2903(3), and MATH-2904(3), cannot enroll in MATH-1301(3).

Requisite Courses: Applied Mathematics 40S or Precalculus Mathematics 40S or MATH-0042 [prerequisite(s)].

MATH-1401 (3) Discrete Mathematics (3 hrs Lecture | 1.5 hrs Lab) MATH-1401 introduces abstract mathematical thinking and proof techniques in mathematics. This course covers logic (simple and compound statements, truth tables, logical equivalencies, quantifiers); proof methods (direct, contrapositive, contradiction); elementary set theory (subsets, unions, intersections, set difference, power sets, Cartesian products); basic number theory

(divisibility, the division algorithm); mathematical induction; relations (binary, equivalence - including congruence modulo n , partial orders); functions (well-defined, one-to-one, onto, bijective, compositions, inverses). This course is intended for students planning to major in Mathematics.

Requisite Courses: Pre-Calculus Mathematics 40S or a grade of 65% or higher in Applied Mathematics 40S or MATH-0042 [prerequisite(s)]; MATH-1401L (lab) (must be taken concurrently).

MATH-2102 (3) Differential Equations I (3 hrs Lecture)

This is an introduction to differential equations including the following topics: solution of first order equations, reduction techniques, solution of n th order linear differential equations, and the Laplace transform method.

Note: Students who have already completed MATH-1201(3) or the former MATH-2201(6) should inform registration staff that they have standing in one of the corequisite courses.

Requisite Courses: MATH-1101, or MATH-1103 and MATH-1104 [prerequisite(s)]; MATH-1201 (must be taken previously or at the same time as this course).

MATH-2103 (3) Differential Equations II (3 hrs Lecture)

This course covers further concepts and methods of solving differential equations. The contents include: power and Frobenius series solutions, matrix methods for systems of linear differential equations, and an introduction to partial differential equations (including Fourier series and the method of separation of variables).

Restrictions: Students may not hold credit for this course and MATH-2112.

Requisite Courses: MATH-2102 [prerequisite(s)]; MATH-2106 and MATH-2203 (must be taken previously or at the same time as this course).

MATH-2105 (3) Intermediate Calculus I (3 hrs Lecture)

Topics covered include sequences (including the formal definition of a convergent sequence); infinite series (convergence tests, power series, Taylor's theorem); and multivariable functions (limits and continuity, partial derivatives, chain rule, tangent planes, gradient and directional derivatives).

Note: Mathematics majors are strongly advised to take this course in their second year.

Restrictions: A student may not receive credit for both MATH-2105(3) and the former MATH-2101(6).

Requisite Courses: A minimum grade of C in MATH-1101(6) or in MATH-1104(3) [prerequisite(s)]; MATH-1201(3) or the former MATH-2201(6) (must be taken previously or at the same time as this course).

MATH-2106 (3) Intermediate Calculus II (3 hrs Lecture)

Topics covered include polar coordinates; optimization of multivariable functions (extrema, Lagrange multipliers); multiple integrals (double and triple integrals, applications, change of variable, cylindrical and spherical coordinates, Jacobians); vector functions; vector calculus (including line integrals and Green's theorem). Additional topics from vector calculus, such as Stokes' theorem and the Divergence theorem, will be taught if time permits.

Note: Mathematics majors are strongly advised to take this

course in their second year.

Requisite Courses: MATH-2105 and MATH-1201 [prerequisite(s)].

MATH-2202 (3) Cryptography and Other Applications of Algebra (3 hrs Lecture)

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.

Requisite Courses: MATH-1201 and MATH-1401 or permission of instructor [prerequisite(s)].

MATH-2203 (3) Linear Algebra II (3 hrs Lecture)

This course covers finite dimensional vector spaces; linear transformations and matrices; change of bases; eigenvalues and eigenvectors; and diagonalization; and inner product spaces.

Requisite Courses: MATH-1201(3) [prerequisite(s)].

MATH-2405 (3) Real Analysis I (3 hrs Lecture)

This course lays the theoretical foundation of single-variable calculus by providing a careful introduction to several fundamental concepts of analysis on the real line, and it provides a gateway to more advanced studies in analysis, topology and set theory. Topics covered include: functions acting on sets; countable and uncountable sets; suprema and infima; properties of the real numbers including completeness, the Archimedean property and density of the rational numbers in the real numbers; sequence convergence, monotone sequences, subsequences, the Bolzano-Weierstrass theorem and Cauchy sequences; limits of functions; continuous functions including proofs of the extreme and intermediate value theorems.

Requisite Courses: Minimum grade of C in both MATH-1104 and MATH-1401 [prerequisite(s)].

MATH-2413 (3) Introduction to Mathematical Finance

(3 hrs Lecture) This course gives an introduction to the mathematics of finance, an area of applied mathematics concerned with financial markets. Topics include present value analysis; geometric Brownian motion and its suitability as a model of stock prices; option pricing; the Arbitrage Theorem; derivations of the Black-Scholes formula; and portfolio selection. The approach emphasizes underlying mathematical tools and their derivation.

Requisite Courses: MATH-1201, either STAT-1301, STAT-1401 or STAT-1501, and either MATH-1103, MATH-1101, or MATH-1102 [prerequisite(s)].

MATH-2501 (3) Introduction to Number Theory (3 hrs

Lecture) This course explores properties of integers, linear Diophantine equations, Fermat's Theorem, congruences, and quadratic residues.

Requisite Courses: MATH-1401 and at least 3 additional credit hours in Mathematics at the 1000 level or above [prerequisite(s)].

MATH-2612 (3) Mathematical Statistics I (3 hrs

Lecture) This course provides students with a firm foundation in probability theory, which is necessary for a

complete understanding of advanced statistics. Topics include combinatorial methods, probability, random variables, probability distributions and densities, joint and conditional distributions, mathematical expectation, special discrete probability distributions, and the continuous uniform and exponential distributions. Exam, term tests and assignments are utilized for student evaluation.

Cross-listed: STAT-2612

Restrictions: Students may not hold credit for this course and MATH-3611 | STAT-2612 | STAT-3611.

Requisite Courses: STAT-1302(3) or STAT-2001(3) [prerequisite(s)]; MATH-2105(3) (must be taken previously or at the same time as this course).

MATH-2903 (3) Mathematics for Early/Middle Years

Teachers I (3 hrs Lecture | 1.25 hrs Lab) This course is for prospective elementary or middle years teachers who wish to gain a thorough understanding of the mathematics underpinning many of the topics taught in the K-8 curriculum. Topics include discrete math (logic and deductive reasoning, proof techniques, sets), properties of number systems (natural numbers, rational numbers, irrational numbers, real numbers), number theory (algorithms, numeration systems, Euclidean algorithm, prime factorization, modular arithmetic, divisibility, greatest common factors and least common multiples), ratios and proportional reasoning and the role of algebra and functions in problem solving.

Restrictions: This course may not be used towards the major or minor requirement for a degree in Mathematics. Only students registered in the Faculty of Education program may register in this course.

Requisite Courses: At least one of Pre-Calculus Mathematics 40S or MATH-0042 or the former MATH-0040 or a grade of 65% or higher in Applied Mathematics 40S or a grade of C+ or higher in MATH-0041 or a grade of C+ or higher in MATH-0031 [prerequisite(s)]; MATH-2903L (lab) (must be taken concurrently).

MATH-2904 (3) Mathematics for Early/Middle Years

Teachers II (3 hrs Lecture | 2 hrs Lab) This course is for prospective elementary and middle years teachers who wish to gain a thorough understanding of the mathematics underpinning many of the topics in the K-8 curriculum. Topics include probability and statistics (measures of centre and variation, permutations and combinations, probability rules, expected value), measurement (metric system and US measurement system, perimeter, area, volume, Pythagorean theorem), and Euclidean geometry (angles, polygons and 3-dimensional shapes, Euclid's axioms, congruence, coordinate geometry, transformations of the plane).

Requisite Courses: MATH-2903 or 3 credit hours of mathematics at the 1000 level or above, excluding courses MATH-2901 and MATH-2902 [prerequisite(s)]; MATH-2904L (lab) (must be taken concurrently).

MATH-3101 (6) Introduction to Mathematical Analysis

(3 hrs Lecture) This course provides a careful treatment of the basic concepts of mathematical analysis including properties of the real numbers, countable and uncountable sets, the topology of metric spaces including compactness, connectedness, sequence/series convergence, continuity,

and complete metric spaces. Rigorous proofs of the Heine-Borel theorem, the extreme value theorem, and the intermediate value theorem are given. Other topics studied include differentiation, Riemann-Stieltjes integration, normed linear spaces, uniform convergence and the Stone-Weierstrass theorem, and Fourier analysis.

Requisite Courses: MATH-2405(3) and MATH-2106(3), and MATH-2203(3) or MATH-2221(3) [prerequisite(s)].

MATH-3103 (3) Methods in Advanced Calculus

(3 hrs Lecture) This course covers methods and applications of advanced calculus. Topics are 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); Fourier series and other topics in harmonic analysis.

Requisite Courses: MATH-2106 [prerequisite(s)].

MATH-3202 (3) Group Theory

(3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and MATH-3201 | MATH-4201.

Requisite Courses: MATH-1401 and MATH-2203 or the former MATH-2221 or the former MATH-2201 [prerequisite(s)].

MATH-3203 (3) Linear Algebra III

(3 hrs Lecture) This course introduces students to inner product spaces; properties of Hermitian and normal matrices; unitary matrices; factorization theorems; Schur's Theorem; the Spectral Theorem; the Cayley-Hamilton Theorem; and quadratic forms. At the discretion of the instructor, other advanced topics in linear algebra may be covered.

Requisite Courses: MATH-1401(3) and MATH-2203(3) and either MATH-1101(6) or MATH-1104(3) [prerequisite(s)].

MATH-3401 (3) Graph Theory

(3 hrs Lecture) This course includes the following topics: graph isomorphism, shortest path problem, Euler tours, trees, graph colourings and bipartite matchings.

Restrictions: Students may not hold credit for this course and MATH-2011 | MATH-3403.

Requisite Courses: MATH-1401 or permission of the instructor [prerequisite(s)].

MATH-3402 (3) Combinatorics

(3 hrs Lecture) This course includes the following topics: counting (inclusion-exclusion principle, addition and multiplication principles, pigeonhole principle, permutations, combinations, the binomial theorem), generating functions and recurrence relations.

Requisite Courses: MATH-1401 and one of MATH-1102 or MATH-1101 or MATH-1103 or MATH-1104 [prerequisite(s)].

MATH-3412 (3) Introduction to Operations Research

(3 hrs Lecture) 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.

Cross-listed: STAT-3412(3).

Restrictions: Students may not hold credit for this course and STAT-3412.

Requisite Courses: MATH-1201 or MATH-2201 or ECON-3201 or permission of the instructor [prerequisite(s)].

MATH-3612 (3) Mathematical Statistics II (3 hrs

Lecture) This 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.

Cross-listed: STAT-3612(3).

Restrictions: Students may not hold credit for this course and STAT-3612.

Requisite Courses: MATH-2612|STAT-2612 (or the former MATH-3611|STAT-3611) [prerequisite(s)]; MATH-2106 (Intermediate Calculus II) (must be taken previously or at the same time as this course).

MATH-4001 (3 or 6) Directed Readings in

Mathematics (3 hrs Directed Reading) 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.

Note: Students must have 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.

Restrictions: Department Permission Required. Instructor Permission Required.

Requisite Courses: A minimum GPA of 3.0 in all Mathematics courses, at least one 3000-level Mathematics course and written permission of the instructor and the Department Chair [prerequisite(s)].

MATH-4003 (3) Topics in Mathematics (3 hrs Lecture)

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 Department Chair for the current topic. This course may be repeated for credit when the topic varies.

MATH-4101 (3) Complex Analysis (3 hrs Lecture)

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.

Restrictions: Honours Form Required. Students may not hold credit for this course and MATH-3102.

Requisite Courses: MATH-2106 or permission of the instructor [prerequisite(s)].

MATH-4202 (3) Rings and Fields (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and MATH-3201 | MATH-4201.

Requisite Courses: MATH-3202 [prerequisite(s)].

MATH-4401 (3) Networks, Graph Theory and

Combinatorial Optimization (3 hrs Lecture) Topics in this course are chosen from algorithmic complexity and problem classification, trees, distance invariants, Steiner trees, network flows and their applications, PERT networks, connectivity, optimal matchings, packings and coverings, colourings, perfect graphs and graph classes, planar graphs, extremal graph theory, and Ramsey theory.

Restrictions: Students may not hold credit for this course and MATH-3013.

Requisite Courses: MATH-3401(3) [prerequisite(s)].

MATH-4403 (3) Set Theory (3 hrs Lecture)

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.

Requisite Courses: One of MATH-2405, MATH-2501, MATH-3202, MATH-3401 or MATH-3402 [prerequisite(s)].

MATH-4602 (3) Measure Theory and Integration (3

hrs Lecture) Topics in this course include Lebesgue measure and integration, abstract measure theory and integration, Banach spaces and L_p spaces. Principal results such as Littlewood's three principles, Hölder's inequality, the Riesz-Rischer theorem, the Radon-Nykodym theorem and Fubini's theorem are studied.

Restrictions: Students may not hold credit for this course and MATH-3602.

Requisite Courses: MATH-3101 [prerequisite(s)].

MATH-4603 (3) Topology (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and MATH-3602.

Requisite Courses: MATH-3101 (must be taken previously or at the same time as this course).

MENNONITE STUDIES

MENN-2101 (3) Mennonite Studies I (3 hrs Lecture) This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.

Cross-listed: HIST-2108(3) and REL-2363(3).

Restrictions: Students may not hold credit for this course and HIST-2108 | REL-2363.

MENN-2102 (3) Mennonite Studies II (3 hrs Lecture)

This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes 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: HIST-2109(3), REL-2364(3).

Restrictions: Students may not hold credit for this course and HIST-2109 | HIST-3109 | REL-2364.

MENN-2131 (3) History of Peace and Nonviolence I (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from ancient times to the 1700s. It focuses in particular on Europe, with special emphasis on the period from ancient Greece and Rome, to Early Modern times in Western Europe. The course also addresses history of peace in other parts of the world.

Thus, it contrasts Christian traditions of nonviolence with those of Hindu, Buddhist and other eastern traditions. For case studies, the course examines Mennonite communities in 16th and 17th century Switzerland and the Netherlands.

Cross-listed: HIST-2131(3), CRS-2131(3).

Restrictions: Students may not hold credit for this course and CRS-2131 | HIST-2131.

MENN-2132 (3) History of Peace and Nonviolence II (3 hrs Lecture) This course examines the history of pacifism, peace movements, and nonviolence from the 1700s to the present. It focuses in particular on North America, but also covers selected events in other parts of the world.

The course, thus, contrasts Christian traditions of nonviolence with those of aboriginal, secular, and eastern cultures. For case studies, the course examines Mennonite communities in 19th and 20th century Canada and the United States where Mennonites have embraced pacifism as a fundamental principle of social organization.

Cross-listed: HIST-2132(3) and CRS-2132(3).

Restrictions: Students may not hold credit for this course and CRS-2132 | HIST-2132.

MENN-3000 (6) Special Topics in Mennonite Studies

(3 hrs Tutorial) 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 (3 hrs Lecture) 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: HIST-3216(3).

Restrictions: Students may not hold credit for this course and HIST-3216.

MENN-3108 (3) Gender and Mennonites (3 hrs Lecture)

This course examines the role of women and of men in the evolving Mennonite society. It traces 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 examines patriarchal structures of Mennonite households, churches, and communities, but also focuses on the ways in which women create mechanisms of autonomy and meaning within those structures. The ideas that comprise Mennonite femininity and masculinity receive special attention. Gender is also traced through the Mennonite life-cycle, commencing at childhood and tracked through times of youth, marriage, mid-age and retirement. The course examines how Mennonite theological teachings, everyday language, modes of production, fertility rates, and national cultures affect ideas of gender in Mennonite society.

Cross-listed: HIST-3108(3).

Restrictions: Students may not hold credit for this course and HIST-3108.

MENN-3110 (3) Russia and the Mennonites (3 hrs

Lecture) 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.

Cross-listed: HIST-3110(3).

Restrictions: Students may not hold credit for this course and HIST-3110 | MENN-3203.

MENN-3111 (3) Conflict and Mennonites (3 hrs Lecture)

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.

Cross-listed: HIST-3111(3).

Restrictions: Students may not hold credit for this course and HIST-3111.

MENN-3114 (3) Latin America and the Mennonites (3

hrs Lecture) 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.

Cross-listed: HIST-3114(3).

Restrictions: Students may not hold credit for this course and HIST-3114 | MENN-3101.

MENN-3116 (3) Mennonites and World Issues (3 hrs Lecture) 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 upon the Twentieth Century World.

Cross-listed: HIST-3116(3).

Restrictions: Students may not hold credit for this course and HIST-3116 | HIST-3301.

MENN-3126 (3) Mennonites and Environmental History: A Global Perspective (3 hrs Lecture/Seminar) This course considers how Mennonites from around the world have related to the environment in the 20th century, a time of immense technological change in agriculture and horticulture, with an emphasis on their relationship to nature and food production as farmers. It considers the way farmers have imagined their environments, and strategies they have taken to cultivate lands in distinctively different climates. Students study how Mennonite ideas on non-violence, simplicity and community, related to land and nature. Case studies may include Bolivia, Canada, Indonesia, the Netherlands, Russia, the US, and Zimbabwe.

Cross-listed: HIST-3126(3).

Restrictions: Students may not hold credit for this course and HIST-3126.

MENN-3128 (3) Indigenous-Mennonite Relations (3 hrs Lecture) Indigenous-Mennonite Relations examines the history of the encounters between Indigenous societies and a European settler group. It focuses on specific encounters, first in Canada, but also in the United States, Mexico, Paraguay and Bolivia. It considers the intrusion on Indigenous lands of ethno-religious societies such as the Mennonites, and the evolution of attending social relations, including both inter-community co-operation and conflict. It examines respective worldviews, including ideas on non-violence, social equality, gender relations, racialization and land stewardship. The course considers recent cross-cultural exchanges, including Mennonite advocacy, Indigenous counter-cultures, and persisting relations between the two cultures.

Cross-listed: HIST-3128(3).

Restrictions: Students may not hold credit for this course and HIST-3128.

MENN-3150 (3) Mennonite Community and Development (3 hrs Seminar/Discussion) 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.

Cross-listed: IDS-3150(3).

Restrictions: Students may not hold credit for this course and IDS-3150.

Requisite Courses: IDS-1100 or permission of the instructor [prerequisite(s)].

MENN-3202 (3) The Mennonite Image in World Literature (3 hrs Lecture) 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-3212 (3) Fact, Fiction, and Images: Interpreting Manitoba Mennonites (3 hrs Lecture) This course introduces the student to a wide variety of historic Manitoba Mennonite writers. It includes authors of personal writings, authors or historic works from a variety of disciplines, and authors of poetry and historical fiction. This course analyzes the texts of these authors from the perspective of history, asking what light they shed on the lived experience of Mennonites in Manitoba and how specific historical times might have informed those writings. The course suggests a broad definition of "author", recognizing that all texts are literary constructions, employing particular media to make sense of the Mennonite worlds in Manitoba.

Cross-listed: HIST-3212(3).

Restrictions: Students may not hold credit for this course and HIST-3212.

MENN-3452 (3) Anabaptism and Evangelicalism (3 hrs Lecture) 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 (3 hrs Lecture) 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 every day 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: HIST-3541(3).

Restrictions: Students may not hold credit for this course and HIST-3541.

**MENN-4535 (3 or 6) Immigration and Ethnicity in
Canada and the United States** (3 hrs

Seminar/Discussion) This 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. Students discuss the similarities and differences in the Canadian and American immigration experience.

Cross-listed: HIST-4535(3/6).

Restrictions: Students may not hold credit for this course and HIST-4535.

MODERN LANGUAGES & LITERATURES

MOD-2710 (3) Literature in Translation (3 hrs Lecture)

This course focuses on modern non-English literary texts in English translation. Readings may be organized around a genre such as the novel; a critical approach such as post-colonialism or cultural studies; a period such as Romanticism; or specific literary traditions in languages such as French, German, Spanish and Italian. Students should consult the Department of Modern Languages and Literatures for a description of the current offering. This course may be repeated for credit when the topic varies.

Restrictions: Students may not hold credit for this course and ENGL-2710.

Requisite Courses: SPAN-2180(3) or FREN-2180(3) or GERM-2209(3) or 6 credit hours of First-Year English including ENGL-1001(6) or ENGL-1003(3) [prerequisite(s)].

MULTIDISCIPLINARY

MULT-0999 (1) Junior Research Scholar (Variable Meeting Hours) This course is designed for students wishing to gain experience in university research prior to commencing their university program. Students work with a university professor on a mutually agreeable research topic. The course is offered on a pass/fail basis. This course may be repeated to a maximum of 3 credit hours in total. Restriction: This course may be used as an elective credit towards a degree, but is not intended to meet major requirements of General Degree requirements for any program.

Restrictions: Instructor Permission Required.

MULT-1000 (3) Introduction to University (3 hrs Lecture) This course serves as a preparatory course for university studies or as a support course taken concurrently with initial enrolment. Students become familiar with the nature and demands of university study, and acquire personal strategies and attitudes that enhance their first-year experience and their ability to function effectively in a university environment. Students also develop practical and effective learning, study, and time management skills, and learn how to apply strategies to aid in the writing of tests and exams. There are opportunities to practice such as note-taking, organizing information, essay writing, public speaking and class participation, and conducting research.

MULT-1005 (6) Concepts in Science (3 hrs Lecture) 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.

Cross-listed: BIOL-1005(6) and PHYS-1005(6).

Restrictions: Students may not hold credit for this course and BIOL-1005 | PHYS-1005.

MULT-1200 (3) Walls-To-Bridges: Studying Together at Corrections Facilities (3 hrs Lecture) Grounded in lived realities of criminalization and imprisonment, this course is offered at the correctional sites on various topics. Classes bring together campus-enrolled and incarcerated students. Emerging out of the American Inside-Out model, the Canadian Walls to Bridges Program (W2B) engages with Freirian principles and Indigenous pedagogy, and anti-racist practice. The course is taught by W2B - trained University of Winnipeg faculty. Students are interviewed before they are given permission to take the course. Campus-enrolled students travel to a corrections facility for each class and must have clearance.

Note: This course may be repeated for credit when the topic varies. Restriction: Students must receive clearance from the corrections facility where the course is being held.

Restrictions: Instructor Permission Required.

MULT-1301 (6) Introduction to the Humanities I (3 hrs Lecture) This course offers a cross-disciplinary introduction to study in the Humanities, those fields of study concerned with the creative and intellectual products of human culture. Team-taught by faculty from a range of Humanities disciplines, the course introduces students to texts from different genres, forms, cultural contexts, and historical periods, and to the ways that methods across Humanities disciplines complement and inform one another. Students participate in small seminar-style tutorial groups, where they delve more deeply into the reading and lecture material, using the methods and methodologies of humanistic inquiry to contrasting and to draw connections between traditions, texts, and approaches.

Note: Combined with MULT-1302, this course satisfies the 1st-year requirements in Classics, English, and Religion and Culture.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

MULT-1302 (6) Introduction to the Humanities II (3 hrs Lecture) Building on the skills taught in MULT-1301, this course offers students further training in the methods and methodologies of humanistic inquiry as applied to study in the Humanities, those fields of study concerned with the creative and intellectual products of human culture. Reading a broad selection of texts through the lenses of a range of literary, cultural, and critical theories, students develop an understanding of and experience in the practice of critical inquiry. Students then implement this knowledge in small seminar-style tutorial groups and writing workshops, learning and practicing the fundamental skills of Humanities research.

Note: Combined with MULT-1301, this course satisfies the 1st-year requirements in Classics, English, and Religion and Culture.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: MULT-1301 [prerequisite(s)].

MULT-1900 (3 or 6) Topics in Multidisciplinary Studies (3 hrs Lecture) This course allows students to study a multidisciplinary topic. The topic may be one which is multidisciplinary so as not to be contained within the curriculum of a particular Department or Program. It may also be cross-listed with an existing course in which registration would be inappropriate for students not admitted to a restricted-entry program, but from which students in other programs could benefit. This course may be repeated for credit if the topic varies.

Restrictions: Permission of Chair and Instr.

MULT-2005 (3) Career: Life/Work Planning (3 hrs Lecture) In this course students develop understanding and skills for personal career planning. In the context of theories of career development, emphasis is placed on

learning and practicing skills in communications, job-search, relationship-building, and personal assessment. Students consider how their approaches to life/career planning are influenced by past experiences, worldviews, gender and culture. Students develop a portfolio that documents their communication, education and career explorations, interpersonal, and management skills. Additionally, this course provides initial preparation for working with others in helping them to understand the world of work.

Note: Students who took this course content as a topic in MULT-3900 should not enroll in MULT-2005

MULT-2900 (3 or 6) Topics in Multidisciplinary

Studies (3 hrs Lecture) This course allows students to study a multidisciplinary topic. The topic may be one which is multidisciplinary so as not to be contained within the curriculum of a particular Department or Program. It may also be cross-listed with an existing course in which registration would be inappropriate for students not admitted to a restricted-entry program, but from which students in other programs could benefit. This course may be repeated for credit if the topic varies.

Restrictions: Permission of Chair and Instr.

MULT-3900 (3 or 6) Topics in Multidisciplinary

Studies (3 hrs Lecture) This course allows students to study a multidisciplinary topic. The topic may be one which is multidisciplinary so as not to be contained within the curriculum of a particular Department or Program. It may also be cross-listed with an existing course in which registration would be inappropriate for students not admitted to a restricted-entry program, but from which students in other programs could benefit. This course may be repeated for credit if the topic varies.

Restrictions: Permission of Chair and Instr.

MULT-4900 (3 or 6) Topics in Multidisciplinary

Studies (3 hrs Lecture) This course allows students to study a multidisciplinary topic. The topic may be one which is multidisciplinary so as not to be contained within the curriculum of a particular Department or Program. It may also be cross-listed with an existing course in which registration would be inappropriate for students not admitted to a restricted-entry program, but from which students in other programs could benefit. This course may be repeated for credit if the topic varies.

Restrictions: Permission of Chair and Instr. /span> Honours Form Required.

MUSIC

MUS-1015 (3) Ensemble Practicum (Instrumental) (3 hrs Lecture) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble instrumental performance. Students perform a broad range of literature in many public events throughout the year.

Note: Those without previous experience as an instrumentalist in an ensemble should contact the instructor.

MUS-1500 (3) Music Appreciation (3 hrs Lecture) Over a century before his famous novel Les misérable inspired the celebrated Broadway musical, Victor Hugo recognized the unique, expressive nature of music. This course explores as many different musical genres as possible in order to achieve a broad understanding of how music reflects culture and society and crosses artistic boundaries to express, as Hugo aptly articulated, "that which cannot be said and on which it impossible to be silent." The central objectives of this course are to encourage active listening skills and informed personal and communal responses to music through study of musical language, history, idioms, style, and trends.

Cross-listed: THFM-1500(3).

Restrictions: Students may not hold credit for this course and THFM-1500.

MUS-2011 (3) Ensemble Practicum (Choral) (3 hrs Lecture) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble performance in choral music. Students perform a broad range of literature in many public events throughout the year. This course may be repeated for credit once.

Note: those without previous experience singing should contact the instructor.

Cross-listed: THFM-2011(3).

Restrictions: Students may not hold credit for this course and THFM-2011.

PHILOSOPHY

PHIL-1001 (6) Introduction to Philosophy (3 hrs Lecture) This course is a historical introduction to basic philosophical problems and methods. It considers central questions in ethics, religion, politics, knowledge, and metaphysics, e.g., are humans selfish by nature? Is moral decision-making rational? Does God exist? What is the meaning of life? What are the principles of correct reasoning? Is knowledge the same thing as perception? Is the real world different from the world as it appears to us? What are space and time? Do we have free will, or are our choices completely determined by forces outside of us? Philosophers discussed may include: Plato, Aristotle, Aquinas, Descartes, Hume, and Kant.

Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.

Restrictions: Students may not hold credit for this course and PHIL-1002 | PHIL-1003.

PHIL-1002 (6) Values and the Human Condition (3 hrs Lecture) This course introduces philosophical inquiry by examining how some philosophers in the Western Philosophical tradition understand human nature and the values that provide competing accounts of how to live well. Questions addressed may include: What is it to be human? What is the good life? Are human beings uniquely rational? Are we inherently independent or social? Is human value dependent upon God? Do we have moral and/or political responsibilities? Can we acquire the knowledge we need to achieve the good life? Is there life after death? Philosophers may include: Plato, Aristotle, Aquinas, Mill, Kant, Kierkegaard, Sartre as well as contemporary philosophers.

Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.

Restrictions: Students may not hold credit for this course and PHIL-1001 | PHIL-1003.

PHIL-1301 (6) Introduction to Logical Reasoning (3 hrs Lecture) This course develops critical thinking skills that are indispensable to the study of most academic disciplines. It provides an understanding of basic logical principles, methods for analyzing and evaluating arguments, as well as strategies for constructing well-reasoned arguments. Arguments for analysis and practicing reasoning skills come from everyday life, academic disciplines, and the philosophical tradition. Topics may include: deductive and inductive reasoning, validity and soundness, inductive strength and cogency, formal and informal fallacies, argument mapping, categorical logic, Venn diagrams, truth tables, sufficient and necessary conditions, theories of truth, and essay writing.

Note: PHIL-1301(6) and either PHIL-1001(6) or PHIL-1002(6) may be taken for degree credit.

Restrictions: Students may not hold credit for this course and PHIL-2301 | PHIL-2302.

PHIL-2002 (3) History of Philosophy: Classical (3 hrs Lecture) 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 (3 hrs Lecture) 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 (3 hrs Lecture) This course examines a limited but representative selection of Continental philosophers and themes from the 19th and 20th centuries. 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 (3 hrs Lecture) 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 (3 hrs Lecture) 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 hold credit for this course and PHIL-2007.

PHIL-2012 (3) History of Philosophy: Medieval Latin (3 hrs Lecture) This course examines selected philosophical works in the Latin traditions from the time of Augustine to the end of the 14th 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 hold credit for this course and PHIL-3503.

PHIL-2020 (3) History of Philosophy: Renaissance (3 hrs Lecture) This course examines the philosophical thought of the European Renaissance, from 1400 to 1600. Themes include the Renaissance recovery of classical

Greek philosophy, the Renaissance interpretation and development of Arabic (Islamic and Judaic) philosophy, mathematics, science and Renaissance humanism. Authors include: Petrarch, Pico, Nicholas of Cusa, Marsilio Ficino, Erasmus, Thomas More, Bacon, Galileo, and Machiavelli.

PHIL-2200 (6) Social and Political Philosophy (3 hrs Lecture) This course is 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.

Cross-listed: POL-2200(6).

Restrictions: Students may not hold credit for this course and PHIL-2205 | POL-2200.

PHIL-2201 (6) Moral Philosophy (3 hrs Lecture) 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) Health Care and Bioethics (3 hrs Lecture) This course examines bioscience and medical ethical issues from Western moral and legal perspectives. Topics may include: abortion, euthanasia, stem cell research, cloning, gene therapy, the genetic manipulation of organisms, the distribution of scarce medical resources, patient confidentiality, competency criteria, the physician-patient relationship, patient right to information and the truth, the definitions of life and death, new reproductive technologies, and the debate between public and private health care.

Note: PHIL-2202(3) was previously titled Ethics in Medicine and Law.

PHIL-2207 (3) Philosophy of Law (3 hrs Lecture) 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.

Requisite Courses: Any introductory course in Philosophy or permission of the instructor [prerequisite(s)].

PHIL-2208 (3) War and Peace (3 hrs Lecture) 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 (3 hrs Lecture) 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 in to the human condition, the meaning of world history as a whole, and theories of historical explanation.

PHIL-2219 (3) Philosophy of Art (3 hrs Lecture) 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 hold credit for this course and PHIL-2221.

PHIL-2220 (3) Philosophy of Literature (3 hrs Lecture) 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-2230 (3) Moral Issues in Business (3 hrs Lecture) This course examines ethical issues arising from business practice. Possible discussion questions include: Does capitalism violate human rights? Are there limits to what can be bought and sold? Do corporations have moral as well as legal obligations? Does a just state ensure that all citizens have jobs? Does economic value trump shareholder profit above environmental protection? Should whistle blowers be protected? Is it fair to force private companies to adhere to affirmative action policies in the work place? Are lies and deceit in advertisements morally permissible? **Note:** PHIL-2230(3) was previously titled Ethical Issues in Business.

PHIL-2232 (3) Philosophy of Religion (3 hrs Lecture) 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 hold credit for this course and PHIL-2231.

PHIL-2233 (3) Environmental Ethics (3 hrs Lecture) 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: This is a required course for the Environmental Studies degree.

PHIL-2234 (3) Philosophy of Nature (3 hrs Lecture) 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-2240 (3) Indigenous Justice Issues (3 hrs Lecture) This course in applied political theory examines various moral and political issues that are the basis for present conflicts between Indigenous Peoples and the Canadian state. Indigenous and Western philosophies provide contexts for critically examining past and present relationships and for considering how to move into more just relationships. Topics may include: treaty rights, colonization, the Indian Act, residential schools, Aboriginal rights, racism, restorative justice, and the United Nations Declaration on the Rights of Indigenous Peoples.

Cross-listed: IS-2240(3).

Restrictions: Students may not hold credit for this course and IS-2240.

PHIL-2251 (3) Philosophy of the Natural Sciences (3 hrs Lecture) 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 (3 hrs Lecture) 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 (3 hrs Lecture) 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 (3) Philosophy of Education (3 hrs Lecture) 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 (3 hrs Lecture) This course is a study of the development and implications of educational ideas from Plato to the present.
Note: This is a Support Course for the Education Program.

PHIL-2302 (6) Logic (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and PHIL-1301 | PHIL-2301.

PHIL-3100 (3) Epistemology (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and PHIL-2261.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3101 (3) Metaphysics (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and PHIL-2261.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3215 (6) Philosophy and Social Reality (3 hrs Seminar/Discussion) 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.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3301 (6) Argumentation (3 hrs Seminar/Discussion) 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.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3304 (3) Philosophy of Language (3 hrs Lecture)

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 language and other symbol systems.

Restrictions: Students may not hold credit for this course and PHIL-2372.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3500 (3) Philosophical Perspectives (3 hrs Seminar/Discussion)

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.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3502 (3) History of Philosophy: Medieval, Arabic and Hebraic (3 hrs Lecture)

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.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3504 (3) Plato and Before (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and PHIL-4112.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3505 (3) Aristotle and After (3 hrs Lecture)

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(3) but may be taken by students having some familiarity with the writings of Plato.

Note: Students who have not taken PHIL-3504(3) are encouraged to consult with the department prior to

registration.

Restrictions: Students may not hold credit for this course and PHIL-4113.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3507 (3) 17th Century Philosophy (3 hrs Lecture)

This course is a systematic study of leading philosophical thinkers of the 17th century, such as Descartes, Hobbes, Spinoza, Locke, Leibniz, and Berkeley.

Restrictions: Students may not hold credit for this course and PHIL-4114.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3508 (3) 18th Century Philosophy (3 hrs Lecture)

This course is a systematic study of leading philosophical thinkers of the 18th century, such as Burke, Smith, Rousseau, Bentham, and Kant.

Restrictions: Students may not hold credit for this course and PHIL-4115.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3509 (3) 19th Century Philosophy (3 hrs Lecture)

This course is a systematic study of leading 19th century European philosophers such as Hegel, Schopenhauer, Feuerbach, Nietzsche, Schiller, and Fichte.

Restrictions: Students may not hold credit for this course and PHIL-4116.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3510 (3) Anglo-American Philosophy (3 hrs Lecture)

This course is a systematic study of leading 20th 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.

Restrictions: Students may not hold credit for this course and PHIL-4118.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3511 (3) Postmodern Philosophy (3 hrs Lecture)

This course provides an overview of challenges to the philosophical tradition that developed in the twentieth century, including critiques of traditional notions and theories of epistemological and linguistic certainty, ethical and political normativity and justification, as well as the ideals of reason, truth, and progress. Thinkers discussed may include: Nietzsche, Heidegger, Kojève, Adorno, Horkheimer, Lyotard, Deleuze, Foucault, Derrida, and Rorty.

Restrictions: Students may not hold credit for this course and PHIL-4119.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3512 (3) Philosophy of Mind (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and PHIL-4276.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3513 (3) Topics in Ethics (3 hrs Lecture) This course critically examines a moral problem, theory, or theorist. Theorists may include: Plato, Aristotle, Locke, Hume, Mill, Kant, Moore, Anscombe, Nussbaum, Morito. Problems may include: notions of the good life, moral obligation, the scope of the moral community, the is/ought distinction, human rights.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3514 (3) Topics in Applied Ethics (3 hrs Lecture) This course systematically studies a contemporary ethical issue, exploring the ways contemporary philosophers attempt to resolve it. Topics may include: climate change and individual responsibility; entitlements of the poor and obligations of the rich; censorship and freedom of expression; crime and punishment; euthanasia; the right to privacy; employment and medical care; disability rights.

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3515 (3) Topics in Political Philosophy (3 hrs Lecture) This course critically examines questions in political philosophy, both perennial and contemporary. Authors discussed may include: Plato, Aristotle, Hobbes, Rousseau, Locke, Mill, Marx, Rawls, Nozick, Strauss, Scruton, Taylor, Kymlicka, Turner. Problems may include: When are people a nation? When is a state illegitimate, Do the sovereignty claims of Indigenous Peoples trump those of nation states? What is a social contract? Do citizens have political obligations? Is democracy the only just form of government? Is civil society morally preferable to anarchy? What does justice require of a nation's economic and political institutions? What is the relationship between collective and human rights?

Requisite Courses: A minimum of 12 credit hours in Philosophy [prerequisite(s)].

PHIL-3516 (3) Topics in Applied Political Philosophy (3 hrs Lecture) This course systematically studies a contemporary political question, exploring the ways in which contemporary philosophers have attempted to answer it. Topics may include, but are not limited to, duties of government and citizens; government intervention in the economy, including the collective bargaining process; security rights vs. liberty rights; genocide and state-sponsored terrorism; the treatment of linguistic and ethnic minorities; war and peace. Emphasis is on the theoretical resources that philosophers have available to them in thinking about the ideal society and forms of government.

Requisite Courses: A minimum of 12 credit hours in

Philosophy [prerequisite(s)].

PHIL-4117 (3) Topics in Continental Philosophy (3 hrs Lecture) 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: Honours Form Required. Students may not hold credit for this course and PHIL-4131.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; and permission of the Programme Advisor [prerequisite(s)].

PHIL-4204 (3) Topics in Moral Philosophy (3 hrs Lecture) 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 judgments. The emphasis is on recent debates in moral philosophy; however, some reference is made to the historical roots of contemporary moral problems.

Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4202.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4266 (3) Topics in Epistemology (3 hrs Lecture) 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: Honours Form Required. Students may not hold credit for this course and PHIL-4265.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4267 (3) Topics in Metaphysics (3 hrs Lecture) 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: Honours Form Required. Students may not hold credit for this course and PHIL-4265.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4277 (3) Topics in Analytic Philosophy (3 hrs Lecture) 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: Honours Form Required. Students may not hold credit for this course and PHIL-4275.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4501 (3) Topics in Aesthetics (3 hrs Lecture) 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 18th century or Formalism; Kant, Collingwood, or Danto.

Restrictions: Honours Form Required.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4502 (3) Special Topics Honours Seminar (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4503 (3) Topics in the History of Philosophy (3 hrs Seminar/Discussion) 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, 18th century British Empiricism, German idealism, the Vienna Circle, or a systematic study of a particular thinker.

Restrictions: Honours Form Required.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4504 (3) Topics in Social and Political

Philosophy (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4700 (3) Directed Individual Study (3 hrs Directed Reading) 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.

Note: A preliminary course description must be submitted in writing to the Instructor and Programme Advisor by the end of the first week of term. Only one Individual Study course may be taken for degree credit.

Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4900 | PHIL-4901.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHIL-4800 (6) Honours Thesis (3 hrs Lecture) 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 Programme Advisor to determine a thesis topic. Submission of the student's final work is followed by an oral examination.

Restrictions: Honours Form Required. Students may not hold credit for this course and PHIL-4900 | PHIL-4901.

Requisite Courses: A minimum 15 credit hours in Philosophy (9 credit hours at the 2000 level or higher); B average in all Philosophy courses; permission of the Programme Advisor [prerequisite(s)].

PHYSICS

PHYS-1005 (6) Concepts in Science (3 hrs Lecture) 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.

Cross-listed: BIOL-1005(6) and MULT-1005(6).

Restrictions: Students may not hold credit for this course and MULT-1005 | BIOL-1005.

PHYS-1101 (6) Foundations of Physics (3 hrs Lecture | 3 hrs Lab) 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; equilibrium; rotational motion and angular momentum; fluids; the behaviour of waves, including sound waves, interference, and the Doppler effect; and an introduction to electromagnetic fields.

Note: This course is intended primarily for Physics majors but is also useful preparation for entrance exams for professional programs.

Requisite Courses: Physics 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)]; PHYS-1101L (lab) (must be taken concurrently); Both MATH-1103 and MATH-1104, or the former MATH-1101 (must be taken previously or at the same time as this course).

PHYS-1301 (6) Introduction to Physics (3 hrs Lecture | 3 hrs Lab) 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.

Note: In order for a student with credit in PHYS-1301(6) to proceed to further courses in Physics, he/she must have (a) permission of the Department and (b) standing in MATH-1101(6) or both MATH-1103(3) and MATH-1104(3).

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S or MATH-0042 [prerequisite(s)]; PHYS-1301L (lab) (must be taken concurrently).

PHYS-1502 (3) Energy and the Environment (3 hrs Lecture) This course provides an overview of energy, energy systems, and their impact on the environment with an emphasis on first principles of physics. Students learn the physics of energy, work, sources and types of energy, how energy is stored, transferred, used, and "lost". Students also study various large-scale energy systems (such as solar, wind, fossil, nuclear, geothermal, etc.) and

their advantages, disadvantages, and impact on the environment.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: Applied Mathematics 40S or MATH-0041 [prerequisite(s)].

PHYS-1701 (6) Astronomy (3 hrs Lecture) 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.

PHYS-2001 (3) Directed Studies in Physics (Seminar/Discussion with variable meeting hours) Students study a topic in Physics at an introductory to intermediate level chosen to meet student needs. Please consult the Physics Department. This course may be repeated for credit when the topic varies.

Restrictions: Department Permission Required.

PHYS-2102 (3) Scientific Computing (3 hrs Lecture) Many problems arising in science are too difficult to solve analytically, and thus require some form of computer based analysis. 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: ACS-2102(3).

Restrictions: Students may not hold credit for this course and ACS-2102.

PHYS-2103 (3) Numeric and Symbolic Computing (3 hrs Lecture) This course provides an introduction to modern scientific software packages for numeric and symbolic computation that are commonly used in teaching, research and industry. Topics covered include functions, arrays, plotting, and data visualization. In an algorithmic self-contained way, this course introduces and discusses algebra, linear algebra, integration, differentiation, and the solution of differential equations with a focus on real world and scientific applications. Although there is no university-level mathematics prerequisite, comfort with basic algebra and rudimentary ideas in pre-calculus is assumed.

Cross-listed: ACS-2103(3).

Restrictions: Students may not hold credit for this course and ACS-2103.

Requisite Courses: Both MATH-1103 and MATH-1104, or

the former MATH-1101 (recommended prerequisite); Pre-Calculus Mathematics 40S or permission of the Physics Department [prerequisite(s)].

PHYS-2105 (3) Mathematical Physics I (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and PHYS-2104.

Requisite Courses: PHYS-1101 and either the former MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)].

PHYS-2106 (3) Mathematical Physics II (3 hrs Lecture)

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.

Restrictions: Students may not hold credit for this course and PHYS-2104.

Requisite Courses: PHYS-1101 and either the former MATH-1101 or both MATH-1103 and MATH-1104; or PHYS-2105 [prerequisite(s)].

PHYS-2110 (3) Statics (3 hrs Lecture) 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.

Requisite Courses: PHYS-1101 and either the former MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)].

PHYS-2112 (3) Scientific Computing with Python (3 hrs Lecture) This course introduces the basics of Python needed for scientific computing as well as some higher level data structures and features that are uncommon in lower-level languages such as C and C++. Students learn how to write modules and functions to solve a variety of scientific problems. They also learn how to take advantage of the numerical libraries NumPy and Pandas that extend Python with high-performance vectorized calculations and visualizations. Students also explore other packages, such as matplotlib, Vega-Altair and scikit-learn.

Note: This course is appropriate for all students with an interest in scientific computing, and experience with elementary computer programming is recommended.

Cross-listed: ACS-2112(3).

Restrictions: Students may not hold credit for this course and ACS-2112.

PHYS-2200 (3) Electricity and Magnetism (3 hrs Lecture | 3 hrs Lab) Electromagnetic physics underlies much of the technology and physical phenomena found in our daily lives. This course provides an introduction to electrostatics, circuits, magnetic effects of a current, electromagnetic induction, properties of dielectric and

magnetic materials.

Restrictions: Students may not hold credit for this course and PHYS-2201.

Requisite Courses: PHYS-1101 and either the former MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2105 (must be taken previously or at the same time as this course); PHYS-2200L (Lab) (must be taken concurrently).

PHYS-2202 (3) Optics and Waves (3 hrs Lecture | 3 hrs Lab)

This course provides an introduction to optics and wave motion. Topics covered include geometric optics with lenses and mirrors, Snell's law, the wave equation and basic properties of waves, interference and diffraction, wave vectors, and wave velocities. Other topics may include polarization and Fourier optics.

Restrictions: Students may not hold credit for this course and PHYS-2201.

Requisite Courses: PHYS-2105 and PHYS-2200 [prerequisite(s)]; PHYS-2106 (must be taken previously or at the same time as this course); PHYS-2202L (lab) (must be taken concurrently).

PHYS-2302 (6) Modern and Thermal Physics (3 hrs

Lecture | 3 hrs Lab) This course contains a series of topics which provide students with a broad understanding of the physics that appears in our daily lives and beyond. Topics covered are thermal physics (temperature, entropy, and the laws of thermodynamics, the ideal gas, work and Carnot cycles, kinetic theory, probability, statistical distribution functions), special relativity (including Lorentz transformations, velocity addition, the Doppler effect, relativistic energy and momentum), and quantum physics (early indications of quantum physics, the Bohr model of hydrogen, uncertainty principles, the Schrodinger equation and simple solutions, atomic, nuclear, and subatomic physics).

Requisite Courses: PHYS-1101 and either the former MATH-1101 or both MATH-1103 and MATH-1104 [prerequisite(s)]; PHYS-2302L (lab) (must be taken previously or at the same time as this course); PHYS-2105 and PHYS-2106 (must be taken concurrently).

PHYS-2502 (3) Radiation and the Environment (3 hrs

Lecture) 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 sources. Emphasis will be placed on the applications of radiation in the real world, including health and environmental issues.

Requisite Courses: Any core laboratory course in Biology, Chemistry, or Physics [prerequisite(s)].

PHYS-2503 (3) Medical Imaging (3 hrs Lecture)

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 are explored, both qualitatively and quantitatively, using algebra and trigonometry. The suitability of each technique for imaging specific medical problems will be discussed.

Requisite Courses: CHEM-1111 and CHEM-1112, or PHYS-1101, or PHYS-1301 [prerequisite(s)].

PHYS-2602 (3) Quantum Computing (3 hrs Lecture)

This is an introductory course in quantum computing and quantum information theory. Students learn how to carry out explicit calculations and gain a fundamental grasp of quantum mechanics, quantum computation, teleportation, quantum cryptography, entanglement, quantum algorithms, and error correction. The course covers the fundamentals of quantum computing needed to study more advanced quantum mechanical concepts. Students learn the basics of programming an actual quantum computer.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: MATH-1201(3) or permission of the instructor (must be taken previously or at the same time as this course); MATH-2203 or PHYS-2106 (recommended to be taken previously or at the same time as this course).

PHYS-2705 (6) Cosmology: Science Fact to Science Fiction (3 hrs Lecture)

This course gives an introduction to the scientific study of the universe as a whole. Modern aspects of cosmological 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 life forms fit into the overall scheme of things. Although the subjects discussed will be conceptually sophisticated, the presentation will require minimal mathematical knowledge.

PHYS-2777 (3) The Study of Time (3 hrs Lecture) With an overall scientific perspective this course concerns itself with information gathered from Philosophy, History, Neuroscience, Biology and Physics pertinent to our fundamental notions of time. Topics such as the historical and philosophical notions of time and time keeping, the biological clocks of living organisms, the perception of time in everyday life, the thermodynamic arrow of time, the physical dilation of time, the possibility of time travel, the description of time from a higher-dimensional point of view, and other relevant aspects of time are discussed. Although the subjects covered are conceptually sophisticated, the presentation requires minimal mathematical knowledge.

Requisite Courses: A minimum of 18 credit hours completed or with permission of the Physics Department [prerequisite(s)].

PHYS-2803 (3) Physical Computing: Interacting With the Real World (3 hrs Lecture | 3 hrs Lab) This course

introduces computing systems that interact with the physical world. Designing systems of this type involves a combination of software and hardware development. Students are introduced to software development for microcontrollers or single board computers, with a focus on interfacing to sensors and serial communication. Hardware topics include basic circuit theory as well as components such as light emitting diodes (LEDs). In the lab, students get hands-on experience constructing and troubleshooting circuits as well as controlling hardware with software.

Cross-listed: ACS-2803(3)

Restrictions: Students may not hold credit for this course and ACS-2803.

Requisite Courses: complete 18 credits [prerequisite(s)]; PHYS-2803L (lab) (must be taken concurrently).

PHYS-2812 (3) The Physics of Music (3 hrs Lecture)

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.

Requisite Courses: A minimum of 30 credit hours of study [prerequisite(s)].

PHYS-3103 (3) Special Topics in Physics

(Seminar/Discussion with variable meeting hours) 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.

Restrictions: Department Permission Required.

PHYS-3202 (3) Intermediate Mechanics (3 hrs Lecture)

This course is a three dimensional vector treatment of Newtonian particle dynamics with an emphasis on conservation principles. Topics include advanced problems in dynamics, such as friction, gravity, rotation of rigid bodies and moments of inertia, and damped and forced oscillations.

Requisite Courses: PHYS-1101, PHYS-2105, and PHYS-2106 [prerequisite(s)].

PHYS-3203 (3) Advanced Mechanics (3 hrs Lecture)

This course covers advanced topics in classical mechanics. The course includes Lagrangian and Hamiltonian formalisms of mechanics, including those involving constraints; dynamics of systems of particles; the 4-vector formalism for special relativity and relativistic dynamics; and coupled oscillators and normal modes.

Requisite Courses: PHYS-1101, PHYS-2105, PHYS-2106, and PHYS-3202 [prerequisite(s)].

PHYS-3301 (6) Quantum Mechanics (3 hrs Lecture)

Quantum mechanics underlies physics at the microscopic

level, including a great deal of modern technology. This course covers the following topics: the wave properties of matter, quantum operators, probabilistic interpretation of wave-functions, applications of the Schrodinger equation (including the treatment of the harmonic oscillator and the Coulomb potential), angular momentum and spin, quantum statistical distributions and their applications, and the interpretation of quantum mechanics.

Requisite Courses: PHYS-2105, PHYS-2106, and PHYS-2302 [prerequisite(s)]; MATH-2102 (recommended to be taken previously or at the same time as this course).

PHYS-3403 (3) Thermal and Statistical Physics (3 hrs Lecture) Statistical mechanics provides the microscopic description of the thermodynamic behaviour of matter. Students learn the standard methodology of statistical mechanics which strives to derive all of the classical results of thermodynamics through quantum statistical analysis. Topics include 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.

Restrictions: Students may not hold credit for this course and PHYS-3401.

Requisite Courses: PHYS-2105, PHYS-2106, and PHYS-2302 [prerequisite(s)].

PHYS-3901 (3) Intermediate Physics Laboratory (3 hrs Lecture | 3 hrs Lab) This course introduces students to the measurement and error analysis techniques in the areas of solid state physics, atomic spectroscopy, superconductivity, nuclear and particle physics, and fundamental noise measurements. Students set up and conduct several experiments as well as formulate and present reports on their work. Students develop a clear, concise, and effective scientific writing and presentation skills.

Requisite Courses: PHYS-2200 (or the former PHYS-2201) and PHYS-2302 [prerequisite(s)]; PHYS-3901L (Lab) (must be taken concurrently).

PHYS-4001 (6) Honours Thesis (3 hrs Project / Thesis) 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.

Note: Students must consult with the Department Chair and the prospective supervisor before enrolling.

Restrictions: Honours Form Required. Department Permission Required.

PHYS-4201 (6) Electrodynamics (3 hrs Lecture) The human senses and virtually all the forces experienced in everyday life are electromagnetic in origin. Electromagnetism is the best understood of the four fundamental forces, and the subject remains one of the pillars of modern physics despite being largely developed in the 1800s. Students gain a complete view of classical electrodynamics, starting with static electricity and magnetism, proceeding to Maxwell's equations and

electromagnetic radiation, and finishing with its natural extension to special relativity.

Requisite Courses: PHYS-2105, PHYS-2106, and PHYS-2200 (or the former PHYS-2201) [prerequisite(s)]; MATH-2105, MATH-2106, and PHYS-2202 (recommended to be taken previously or at the same time as this course).

PHYS-4302 (3) Condensed Matter Physics (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and PHYS-4301.

Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-4303 (3) Subatomic Physics (3 hrs Lecture) Students gain an understanding of introductory topics in nuclear and particle physics. They use special relativity and Feynman diagrams to describe particle decay rates and scattering cross sections, study the role of fundamental symmetries in particle physics, and learn the rules of Quantum Electrodynamics. If time allows, students also learn about the Strong and Weak nuclear forces, general gauge theories and neutrino oscillations.

Restrictions: Students may not hold credit for this course and PHYS-4301.

Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-3301 (must be taken previously or at the same time as this course).

PHYS-4501 (6) Introduction to General Relativity (3 hrs Lecture) 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.

Note: In general, students will be expected to have or be willing to acquire a high degree of mathematical literacy. Students should consult with the instructor.

Restrictions: Students may not hold credit for this course and PHYS-3401 | PHYS-4502.

Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)].

PHYS-4502 (3) Applications of General Relativity (3 hrs Lecture) Einstein's Theory of General relativity replaces Newton's law of gravitation with the curvature of spacetime. This seemingly exotic theory has been confirmed many times over, resulting in several Nobel prizes, and is used every day in numerous applications such as GPS. This course explains the relativistic view of

the universe, beginning with special relativity. Students learn about experimental tests of gravity and features of important solutions of general relativity, such as black holes, cosmological spacetimes, and gravitational waves. This course focuses on the physical intuition of curved spacetime, and the applications to cosmology and black holes, without requiring an extensive mathematical background.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this class and PHYS-4501.

Requisite Courses: PHYS-2105 and PHYS-2106 [prerequisite(s)]; PHYS-2302 (must be taken previously or at the same time as this course).

PHYS-4602 (3) Advanced Quantum Mechanics (3 hrs Lecture) This is an advanced course that describes the underlying structure of quantum mechanics and its applications. Topics include general formalism and approximation methods (including perturbation theory), and may include scattering theory, Feynman path integrals, relativistic quantum mechanics, and quantum computing. Students learn to apply the basic theory to several physical problems including the fine and hyperfine structure of the hydrogen atom.

Restrictions: Students may not hold credit for this course and PHYS-4601.

Requisite Courses: PHYS-2105, PHYS-2106, PHYS-2302 and PHYS-3301 [prerequisite(s)].

PHYS-4901 (3) Advanced Physics Laboratory (3 hrs Lecture | 3 hrs Lab) This laboratory course builds upon PHYS-3901 with increased emphasis on independent discovery and journal-quality science writing. Students perform a variety of experiments from different areas of physics that incorporate modern experimental techniques, including computer control of instruments, automated data collection and analysis, and numerical simulations. Student-initiated projects (subject to instructor approval) are also possible.

Requisite Courses: PHYS-3901 [prerequisite(s)]; PHYS-4901L (lab) (must be taken concurrently).

POLITICAL SCIENCE

POL-1011 (6) Introduction to Political Science (3 hrs Lecture) Political science is the parent discipline of a number of areas of study including a very broad definition of what is 'political'. This course provides a foundation for the study of politics in the world around us. Topics include human rights, global affairs, the Canadian Constitution and Treaties, political theories, the role of the state, political systems, public administration and policy, and political participation, movements and protest. The course is presented within the context of historical and current events. **Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.**

POL-1012 (3) The Canadian State and Indigenous Peoples (3 hrs Lecture) This course provides an introduction to the historical and contemporary relationships between the Canadian government/society and Canada's Indigenous peoples. Topics include the Treaties, the Indian Act and subsequent efforts to abolish or reform these fundamental legislative parameters of the relationships. Other topics include original Indigenous governance traditions and contemporary Indigenous governance in the cities. **Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.**

POL-1014 (3) Great Ideas in Political Thought (3 hrs Lecture) This course introduces students to central questions crucial to the study of political thought. Students examine the ideas of great thinkers such as Plato, Aristotle, Confucius, Hobbes, Locke, Rousseau, Wollstonecraft, J.S. Mill, Marx, and Engels and their perspectives on enduring questions such as: What is human nature? What is the best form of government? Is politics an activity in which all subjects/citizens are able to participate or should it be a specialized activity reserved for social, economic and/or intellectual elites? How much power should a state exercise over individuals' lives? Should citizens always obey the law? **Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.**

POL-1016 (3) Global Political Issues (3 hrs Lecture) This introductory course offers a broad perspective on global politics. Providing a foundation in the role of the state, the course covers topics such as global political economy, security, power, human rights and inequality in an ever-changing world. **Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.**

POL-1018 (3) Issues in Canadian Politics, Government, and Democracy (3 hrs Lecture) This course gives students an introduction to power in the Canadian political sphere and how it is mediated in institutions, ideas and structures. We examine how issues and decisions of political leaders influence our economic and social lives. The course covers the major ideologies and institutions of government decision-making and reform at the municipal, provincial, regional and global levels in Canada, including an introduction to partisan politics as well as ongoing and emerging public policy issues. The course

examines democracy from a comparative perspective, including comparing Canada's political system with different countries throughout the world. **Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.**

POL-1020 (3) Why Politics Matters: Themes and Debates (3 hrs Lecture) This course introduces students to various theories and debates of political analysis. The course discusses political power and how it is exercised. Comparisons across liberal democracies provide insights into the strengths of political processes regarding citizen engagement, government decision-making, political participation and state-society relations. The course concludes by analysing the process of change in a political system either through formal, representative institutions, such as political parties and legislatures, or through the collective action of social and political organizations. **Maximum 6 credit hours of Political Science at the 1000 level may be used for degree credit.**

POL-2010 (3) Politics in the Inner City (3 hrs Lecture) 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 Indigenous Peoples in Canada (3 hrs Lecture) In this course, students are introduced to Indigenous peoples in what has come to be known as Canada and undertake a survey of Indigenous cultural, political, economic, and spiritual situations from pre-contact to the present. Students examine colonialism in Canada (past and present) and its ongoing effects upon First Nations, Métis, and Inuit peoples. Topics include Indigenous world views, fur trade, treaties, Indian Act, residential schools and the child welfare system, as well as historic and contemporary Indigenous governance and sovereignty. Students are empowered to engage in meaningful dialogue about issues that affect Indigenous and non-Indigenous people in Canada.

Cross-listed: UIC-2020(3) and IS-2020(3).

Restrictions: Students may not hold credit for this course and IS-2020 | UIC-2020.

POL-2100 (6) Global Politics (3 hrs Lecture) This course provides students with an introduction to the study and practice of global level politics. It explores different ways that the scope and content of 'global politics' is understood theoretically, informed by the view that global politics is seen differently depending on the assumptions that are brought to bear. A range of post-Cold War global practices are considered, including globalization, global political economy, development, security, and global governance. **Restrictions:** Students may not hold credit for this course and POL-2123.

POL-2200 (6) Social and Political Philosophy (3 hrs Lecture) This course is 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.

Cross-listed: PHIL-2200(6).

Restrictions: Students may not hold credit for this course and PHIL-2200 | PHIL-2205.

POL-2220 (6) Politics and Film (3 hrs Lecture) 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-2300 (6) Public Administration (3 hrs Lecture) This course offers a general survey of the major areas of public administration. It introduces students to basic terminology, concepts, and issues in the field of public administration. The course begins with organization theories and the relationship between public administration and politics. Topics may include: leadership, change management, ethics, equity and diversity as human resource issues in the public sector, public sector unionization, policy planning and government budgeting, tools of accountability such as program evaluation and performance measurement. Students also learn about public sector trends in alternative service delivery.

Restrictions: Students may not hold credit for this course and POL-2305.

POL-2320 (3) Government-Business Relations in Canada (3 hrs Lecture) 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 (3 hrs Lecture) 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 hold credit for this course and POL-2430.

POL-2410 (6) Human Rights and Civil Liberties in Canada (3 hrs Lecture) 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 hold credit for this course and POL-2450 | POL-2510.

POL-2415 (3) The Politics of Racism (3 hrs Lecture) 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 hold credit for this course and POL-2431.

POL-2500 (3) City Politics (3 hrs Lecture) The course examines how an array of cross-cutting democratic objectives, including local democracy, representation, equity and equality, and effective governance, shape the politics, policy, and organizational structure of cities and city regions in Canada. The course covers a number of topics, including: the role of and the relationship between elected officials and city staff in municipal government; oversight and accountability at the local level; municipal elections and electoral systems; municipal budgeting; and city regional governance.

POL-2505 (3) Issues in City Politics (3 hrs Lecture) This course examines current issues affecting cities and city regions throughout Canada and the world, and the political and policy responses of government. The course covers a number of topics, including: decaying infrastructure; population growth; housing affordability; gentrification; transportation; and climate change. The course examines the origins of these issues, the tools available to government to address them, and the contradictions and conflicts that exist within governments' policy responses.

POL-3030 (3) Special Topics in Political Science (3 hrs Lecture) This course considers selected topics in Political Science; as course content changes, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.

POL-3105 (3) Global Political Economy (3 hrs Lecture) This course provides an introduction to the theories and methods of global political economy and a study of the application of these two areas such as militarization; north-south relations; globalization of production; trade and finance regimes; gender and ecological questions.

Restrictions: Students may not hold credit for this course and POL-3133.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3110 (3) International Organization (3 hrs Lecture)

This course examines various theoretical approaches to the study of international organizations as a generic phenomenon, recognizing that they are part of a complex web of relations that can have subnational, national, international, and transnational ties. More specifically, it explores the place and role of international organizations within the framework of global governance.

Restrictions: Students may not hold credit for this course and POL-3134.

POL-3115 (3) Gender and Global Politics (3 hrs

Lecture) This course examines gendered perspectives on the theory and practice of global politics. It considers a range of perspectives on gender and politics, and applies these to an examination of conflict and cooperation, security, global political economy, ecology, human rights, international organizations and international law.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3120 (3) International Law (3 hrs Lecture)

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 may not hold credit for this course and POL-3137.

POL-3121 (3) Special Topics in Global Politics (3 hrs

Lecture) This course considers selected topics in Global Politics; as course content varies from year to year, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. The course may be repeated for credit when topic varies. Ineligible students: students may not receive credit for POL-3122 if they have taken the same topic under the POL-3121 course number

POL-3122 (3) China in the Contemporary Global

Politics (3 hrs Lecture) China's recent rise to global prominence has had uneven impacts on Chinese citizens, the Chinese economy, the Chinese state, and the world outside of China. In this course, we seek to understand China's rise by asking certain questions. What do various approaches to the study of International Relations (IR) and International Political Economy (IPE) tell us about China's rise in contemporary world politics and in the contemporary Global Political Economy? What are the economic sources and vulnerabilities of China's newfound global prominence? Is China a challenger to an American-led world order? Ineligible students: students may not receive credit for POL-3122 if they have taken the same topic under the POL-3121 course number

POL-3130 (3) Canada in World Affairs (3 hrs Lecture)

This lecture/seminar course explores differing explanations

of Canadian actions in global politics and examines specific areas such as foreign economic and trade policies, military and security policies, and policies towards different regions of the world.

Restrictions: Students may not hold credit for this course and POL-3142.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-3135 (3) Global Security (3 hrs Lecture)

This course examines various meanings, dynamics and applications of security in global politics, with particular attention to contemporary debates and issues. It explores what security is, who or what is being secured, from what and by what means. Select topics include: human security, migration, humanitarian intervention, environment, health and food security, gender, global war on terrorism, nuclear non-proliferation and security in the post-colonial world.

Restrictions: Students may not hold credit for this course and POL-3143.

POL-3136 (3) US Politics (3 hrs Lecture)

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. We will examine the foundations of the American political system, review the roles and responsibilities of branches of government, and consider the interaction between the American public and American political institutions. You will be expected to have basic awareness of current political events in the United States, as they will come up in our discussion of the weekly topics. By the end of the course students will be able to identify and describe the major institutions and issues that influence politics and political decision making in the United States

Restrictions: Students may not hold credit for this course and POL-3436, POL-3437 and POL-3438.

Requisite Courses: POL-1011 or permission of the instructor [prerequisite(s)].

POL-3205 (3) Reason and Revolution (3 hrs Lecture)

Reason and revolution are ideas central to contemporary politics. This course explores their roots in 18th 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. Restriction: Students may not hold credit for this course and POL-3235(3).

POL-3210 (3) Politics and Art (3 hrs Lecture)

This course examines 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 hold credit for this course and POL-3236.

POL-3216 (3) Special Topics in Political Theory (3 hrs Lecture) This course examines one among a range of specialized issues in political theory. Depending on the instructor, topics covered may include Pierre Trudeau's political thought, Gramsci as a thinker, Hobbes's feminism, and/or globalization and inequality. This course can be repeated for credit when the topic varies.

POL-3220 (3) Politics of Post-Modernism (3 hrs Lecture) This course examines 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 focuses on the politics generated by post-modernism. Among the questions considered are: What is modernism? What is post-modernism? What are the potential effects of a postmodern perspective on political theory and political practices? How has post-modernism influenced feminism and new social movements more generally?

POL-3224 (3) Research Methods and Project Design (3 hrs Lecture) 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.

Note: Students may not receive credit for this course and the former POL-2206(3).

POL-3230 (3) Canadian Political Thought (3 hrs Lecture) The course examines the historical development and political expression of major Canadian ideologies: conservatism, liberalism, socialism, English-Canadian nationalism, and nationalism in Quebec politics.

POL-3233 (3) Power and Politics: 16th Century Political Thought (3 hrs Lecture) This course explores sixteenth century political thought in the historical context of the dramatic transformations of the Renaissance, the Reformation, the Scientific Revolution and the rise of capitalism. Key thinkers examined include: Machiavelli, Erasmus, More, Luther, Calvin, Bodin and Thomas Smith. Special attention is given to newly emerging conceptions of power, state, citizen, family and political freedom.

Note: Students may not hold credit for this course and the former POL-3200.

POL-3234 (3) Sovereignty and Politics: 17th Century Political Thought (3 hrs Lecture) This course explores seventeenth century political thought in the historical context of the dramatic transformations of the Reformation, the Scientific Revolution, the English Civil Wars, and the rise of capitalism. Key thinkers to be examined include English Levellers, Descartes, Hobbes, Locke, and Harrington. Special attention is given to highly contested conceptions of sovereignty, property, natural rights and liberties, and revolution.

Restrictions: Students may not hold credit for this course and POL-3200.

POL-3235 (6) Politics of Love and Sex (3 hrs Lecture) 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 (3 hrs Lecture) The 20th 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 hold credit for this course and POL-4210 | POL-4238.

POL-3255 (3) Liberals, Marxists, and Anarchists (3 hrs Lecture) The 19th 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 hold credit for this course and POL-4205 | POL-4237.

POL-3260 (3) Liberalism and Social Democracy (3 hrs Lecture) 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 (3 hrs Lecture) 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 hold credit for this course and POL-3331.

POL-3305 (3) Special Topics in Public Policy (3 hrs Lecture) 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.

Note: The course may be repeated only when the topic varies.

Restrictions: Students may not hold credit for this course and POL-3310 | POL-3332 | POL-3333.

POL-3310 (3) Health Care Policy in Canada (3 hrs Lecture) This course investigates current trends and issues in health care policy in Canada. Students are introduced to the structure of the Canadian health care system, including federal and provincial policy history and the structure of its financing. The course focuses on challenges which occur in implementing and administering health policy change at the federal and provincial levels. The course emphasizes the regionalization of service delivery and the expansion of community-based primary care. Alternative models of health care delivery are explored.

Restrictions: Students may not hold credit for this course and POL-3305 | POL-3332 | POL-3333.

POL-3315 (3) The Canadian Legal System (3 hrs Lecture) 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 hold credit for this course and POL-3428.

POL-3320 (3) Gender and the Law (3 hrs Lecture) This course focuses on a number of aspects relative to gender and the law in Canada. The course includes the following: (1) women, trans and non-binary people within the legal system, e.g., as judge, lawyer, victim and offender; (2) a study of the various laws which affect women, trans and non-binary people either directly or indirectly, examination of existing legislation and review of case law; (3) discussion of various agencies (primarily those which are legislated) which regulate the lives of women, trans and non-binary people in many areas including the family, reproductive rights, criminal, employment, Aboriginal law, and religious freedoms.

Restrictions: Students may not hold credit for this course and POL-3429.

POL-3321 (3) Gender and Organizations (3 hrs Lecture) Exploring gender's relevance to organizations of various types, including corporations and not-for-profits, this course addresses how gendered analysis can benefit a variety of perspectives on organizations. Taking critical and postmodern approaches to organizational theory and practice, the course considers gender with respect to such topics as leadership; management; communication; conflict resolution; diversity, inclusion, and intersectionality; power; negotiation; organizational change; organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.

Cross-listed: BUS-3321(3) and WGS-3321(3).

Restrictions: Students may not hold credit for this course

and BUS-3321 | WGS-3321.

Requisite Courses: POL-2300, WGS-1232 or BUS-2103 or permission of the instructor [prerequisite(s)].

POL-3400 (3) Indigenous Politics in Canada (3 hrs Lecture) The course provides a critical foundation for understanding the context and issues surrounding Canada's recognition of its Indigenous heritage within Canadian democracy. The animated political relationship between Canadian governments and Canada's Indigenous populations, framed by legislation, policy issues, and the expectation of a positive shared future, is the focus of this course.

POL-3405 (3) Indigenous Politics in Manitoba (3 hrs Lecture) The course offers a foundational understanding of political organizations, issues, and historical, political, and other contributions of Manitoba's Indigenous people within the context of Manitoba politics.

Restrictions: Students may not hold credit for this course and POL-3434.

POL-3411 (3) Indigenous People in Canada and the Law (3 hrs Lecture) The course explores foundational documents supporting and defining Canada's legal governance relationship with Indigenous People including federal, provincial, municipal and band responsibilities.

POL-3415 (3) Indigenous Justice and Canadian Law (3 hrs Lecture) This foundational course explores Canadian and Indigenous law in Canada, issues related to legal compliance, and efforts to integrate and incorporate practices from both traditions towards a more effective and appropriate legal system in Canada.

POL-3439 (3) Politics in Manitoba (3 hrs Lecture) 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: Students may not hold credit for this course and POL-3432 | POL-4405 | POL-4430.

POL-3450 (3) Sustainability and Environmental Politics (3 hrs Lecture) 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 examines 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 hold credit for this course and POL-3420.

POL-3452 (3) Gender Issues in Canadian Politics (3 hrs Lecture) This course provides an overview of issues

facing women in Canadian politics. It begins with an understanding of the different types of feminism and explores feminist theory as an epistemology, an ideology and a social movement. Students then examine issues such as the backlash against feminism, the electoral project, women and public policy concerns and portrayals of women in the media. At the conclusion of the course, students are expected to be cognizant of the salient issues facing women in politics and have a broader understanding of feminist analysis.

POL-3455 (3) Politics and the Mass Media (3 hrs Lecture) This course introduces students to the study of politics and the mass media. Few Canadians actually have the opportunity to attend the machinations of politics first hand, and thus must rely on the mass media to provide them with information about what elected officials are saying and doing. News is constructed within the journalist paradigms and the delivery of news is highly mediated. This course examines what news is and how politicians are both manipulators of and manipulated by the news that's accessed daily.

Restrictions: Students may not hold credit for this course and POL-3424.

POL-3460 (3) Provincial Politics in Canada (3 hrs Lecture) This course provides students with an appreciation of the importance of politics at the provincial level. Students explore issues of regionalism and federalism, while analyzing in a comparative manner the different political realities of each distinct province. What makes provincial politics in Manitoba different from provincial politics in BC or Quebec? What is the role of the provincial premier given the current state of federalism and the impact of globalization? These questions are examined in an effort to provide an understanding of the important and evolving role of the province in Canada.

Requisite Courses: POL-2400 (recommended prerequisite).

POL-3470 (3) Comparative Federalism and Multi-Level Governance (3 hrs Lecture) Most of the world's population live in a country which has multiple layers of government with policy responsibilities constitutionally divided between a national and regional political authorities. In the 21st century, issues of decentralization to regional governments, subsidiarity and local autonomy are argued to be significant to viable social, cultural and political development. This course comparatively analyses the many issues that animate governance in multi-level systems which will include actors, institutions and policy processes. Students investigate the politics of federalism and multi-level governance in jurisdictions such as Canada, the United States, Australia and the European Union.

POL-3500 (3) Globalization and City Politics (3 hrs Lecture) 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 hold credit for this course and POL-3325.

POL-3510 (3) Interest Groups and New Social Movements (3 hrs Lecture) 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-3520 (3) Community Democracy in a Global Age (3 hrs Lecture) Our democratic institutions, for the most part inherited from the 19th century, are challenged in the 21st 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 (Directed Reading with variable meeting hours) A directed reading is an intensive 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 with a second reader present.

Restrictions: Instructor Permission Required.

POL-3605 (3) Directed Readings (Directed Reading with variable meeting hours) A directed reading is an intensive 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 with a second reader present.

Restrictions: Instructor Permission Required.

POL-4040 (3) Special Topics in Political Science (3 hrs Seminar/Discussion) This course considers selected topics in Political Science at an advanced level; as course content changes, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

POL-4100 (3) Seminar in Global Politics (3 hrs Seminar/Discussion) This course involves an intensive and advanced study of selected contemporary issues in global politics. The course focuses on various theoretical approaches to the study of global politics and the application of some of these to an analysis of global politics. Students may not receive credit for both this course and the former POL-4123(3), POL-4145(6) or POL-4145(3).

Restrictions: Honours Form Required.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4105 (3) Seminar in Global Political Economy (3 hrs Seminar/Discussion) Much scholarship and popular thinking on the Global Political Economy (GPE) frequently holds that it is something abstract and in the distance or operating on some level that we call the global. In this class, we interrogate such dispositions by considering how large scale structures of the GPE (possibly including, but not limited to, trade, finance, production and migration) and how particular localities, including Winnipeg, neighbourhoods, households, and various daily sites are "implicated in the global". What parts of our daily lives are affected by the GPE? What is our relationship with the GPE? How do we think of political and economic agency in a purportedly global age?

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4133.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4106 (3) The Political Economy of Rising

Non-Western States (3 hrs Seminar/Discussion) In this course, students examine and consider the extent to which we are in the midst of a transition to a new global political economy, one in which rising non-Western states have increasing amounts of clout. Students consider what it has meant to develop outside of the global capitalist core historically, and whether patterns of development inherited from history have significance today. Finally, students consider the extent to which non-Western countries are building mechanisms that at the most challenge and at the least circumvent mechanisms associated with Western, if not American, aspirations to governing the global political economy since World War II.

Restrictions: Honours Form Required.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4110 (3) Seminar in International Organization (3 hrs Seminar/Discussion) This course is a study of international institutions and the processes of international cooperation. Special emphasis is 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.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4134.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4120 (3) Seminar in Canadian Foreign Policy (3 hrs Seminar/Discussion) This course examines 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.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4142.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4121 (3) Special Topics in Global Politics (3 hrs Seminar/Discussion) This course considers selected topics in Global Politics at an advanced level; as course content will vary, students are encouraged to consult the Department of Political Science regarding potential offerings in a given year. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: POL-2100 or permission of the instructor [prerequisite(s)].

POL-4200 (3) Feminist Political Thought (3 hrs Seminar/Discussion) This course is an inquiry into feminist political thought. It considers both historical and contemporary writers of importance to feminist political theory. The basic aims of the course are: 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 postmodern feminist thinkers.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4236.

Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or PHIL-2200 or WGS-3301 or permission of the instructor [prerequisite(s)].

POL-4215 (6) Seminar in Political Thought (3 hrs Lecture) 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 21st century.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4216 | POL-4240.

Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4216 (3) Special Topics in Political Theory (3 hrs Seminar/Discussion) This course examines a range of specialized issues in political theory. Depending on the instructor, topics covered may include Pierre Trudeau's political thought, Gramsci as a thinker, Hobbes's feminism, and/or globalization and inequality. This course can be repeated for credit when the topic varies. Where the subject matter of POL-3216 and POL-4216 is similar, students engage in higher and more intense research and study in POL-4216.

Restrictions: Department Chair Perm Required. Students may not hold credit for this course and POL-4215 | POL-4240.

POL-4220 (6) Liberty and Community in Modern Canadian Political Thought (3 hrs Seminar/Discussion)

This course examines the confluence and tension of freedom and community in the thought of six modern Canadian thinkers: Woodsworth, Scott, Trudeau, Macpherson, Taylor and Grant.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4239.

Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4225 (6) Scope and Methods of Political Science (3 hrs Seminar/Discussion)

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.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4246.

Requisite Courses: One 3 credit hour course in Area 2, Political Thought, or permission of the instructor [prerequisite(s)].

POL-4301 (3 or 6) Administrative Foundations of the Public Sector (3 hrs Seminar/Discussion)

This course is 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 is given to techniques and institutions designed to achieve democratic control of administrative action. Formerly titled: Administrative Theory.

Restrictions: Honours Form Required.

Requisite Courses: One 3 credit hour course in Area 3, Law, Public Policy and Administration or permission of the instructor [prerequisite(s)].

POL-4380 (6) Special Topics Seminar in Public Administration (3 hrs Lecture)

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.

Restrictions: Honours Form Required.

POL-4385 (3) Special Topics in Public Administration (3 hrs Lecture)

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.

Restrictions: Honours Form Required.

POL-4400 (6) Seminar in Canadian Politics (3 hrs Seminar/Discussion)

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.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4420.

Requisite Courses: POL-2400 or permission of the instructor [prerequisite(s)].

POL-4405 (6) Seminar in Manitoba Politics (3 hrs Seminar/Discussion)

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.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-3432 | POL-3439 | POL-4430.

Requisite Courses: One 3 credit hour course from Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4410 (3) Seminar in Women in Politics (3 hrs Seminar/Discussion)

The course is 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.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4431.

Requisite Courses: One 3 credit hour course from Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4415 (3 or 6) Political Economy and the State (3 hrs Seminar/Discussion)

This course examines the role and function of the state and the economy in the contemporary age within what is commonly defined as the "nation state". Analysis extends beyond the national level. However, the course addresses other levels of governance such as local, indigenous, provincial, national, and pan-national forms. Drawing insights from a host of theoretical perspectives, particular attention is paid to the deeply embedded nature of the economy within the structures of the state, and conversely of the state within the economy. Formerly titled: State and Economy.

Restrictions: Honours Form Required.

Requisite Courses: One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4440 (6) Seminar in Indigenous Political Issues (3 hrs Lecture)

Current and ongoing issues directly affecting Indigenous people within the political context of

Canada and Manitoba are explored throughout this seminar.

Restrictions: Honours Form Required.

Requisite Courses: One 3 credit hour course in Area 4, Canadian and Comparative Politics, or permission of the instructor [prerequisite(s)].

POL-4445 (3) The Politics of Racism in Canada (3 hrs Seminar/Discussion) This course explores the politics of race and racism in Canada. It examines the intersecting issues of race, gender, class, immigration/refugee status, and culture as they relate to state policy and governance. The course addresses a range of issues including official multiculturalism, citizenship, state violence, indigeneity and colonialism, and the increasing securitization of racialized immigration groups and refugees in the post-9/11 world. Understanding race and whiteness as a socially constructed system of power relations is the central focus of the course.

Restrictions: Honours Form Required.

POL-4505 (3) Politics of Urban Development (3 hrs Seminar/Discussion) Urban development, understood as the growth and change of the urban built form and environment, has a tremendous impact on the lives and livelihoods of residents who reside in urban areas. As a result, urban development and planning is one of the most important policy areas for municipal government, and a significant source of political conflict at the local level. This course compares and contrasts the politics of urban development in cities in North America and abroad, by examining the forces (actors, institutions, and the economy) that shape the development and planning policies of cities.

Note: Students may not hold credit for this course and Graduate Studies courses GPOL-7335 and GPOL-7505.

Restrictions: Honours Form Required. Students may not hold credit for this course and POL-4334.

Requisite Courses: One 3 credit hour course from Area 5, City and Community Politics, or permission of the instructor [prerequisite(s)].

POL-4515 (6) Inner City Seminar (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: One 3 credit hour course in Area 5, City and Community Politics, or permission of the instructor [prerequisite(s)].

POL-4525 (3) Local Public Administration (3 hrs Seminar/Discussion) This course examines the processes of public administration at the local level and introduces students to the themes and challenges confronting leaders of local public administration in Canada. Topics covered in the class include the administration and institutional structures of municipalities and city regions, large public policy areas such as higher education, and the indigenous

tradition of local public administration.

Restrictions: Honours Form Required.

POL-4600 (6) Directed Readings (Directed Reading with variable meeting hours) A directed reading is an intensive course of study arranged in consultation with a departmental supervisor. The department offers two options of course delivery. Option 1: A 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 with a second reader. Option 2: The directed reading is offered in conjunction with a 3000-level course. The student is normally required to attend classes. The evaluation structure may include participation marks, a seminar presentation, a test and/or final examination. A major paper is required.

Restrictions: Honours Form Required. Instructor Permission Required.

POL-4605 (3) Directed Readings (Directed Reading with variable meeting hours) A directed reading is an intensive course of study arranged in consultation with a departmental supervisor. The department offers two options of course delivery. Option 1: A 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 with a second reader. Option 2: The directed reading is offered in conjunction with a 3000-level course. The student is normally required to attend classes. The evaluation structure may include participation marks, a seminar presentation, a test and/or final examination. A major paper is required.

Restrictions: Honours Form Required. Instructor Permission Required.

POL-4610 (6) Honours Thesis (3 hrs Project / Thesis) Students enrolled in this course 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.

Note: Permission of the instructor is required.

Restrictions: Honours Form Required.

PORTUGUESE

PORT-1001 (6) Introductory Portuguese (3 hrs Lecture | 1 hrs Lab) This is designed for students who have little or no previous knowledge of Portuguese 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 supplements classroom work each week. Restriction: Native speakers of Portuguese are not eligible to take this course.

Requisite Courses: PORT-1001L (lab) (must be taken concurrently).

PSYCHOLOGY

PSYC-1000 (6) Introductory Psychology (3 hrs Lecture)

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 may not hold credit for this course and PSYC-1000/3 (transferred introductory course from another institution). Students may not hold credit for this course and PSYC-1001.

PSYC-2101 (3) Introduction to Data Analysis (3 hrs

Lecture | 3 hrs Lab) 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 may not hold credit for this course and STAT-1201 | STAT-1302 | STAT-1601 | STAT-2001.

Requisite Courses: PSYC-1000 [prerequisite(s)]; PSYC-2101L (lab) (must be taken concurrently).

PSYC-2102 (3) Introduction to Research Methods (3

hrs Lecture | 3 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and PSYC-2100.

Requisite Courses: PSYC-2101(3), or STAT-1302(3), or STAT-2001(3), or the former STAT-1201(6), or the former STAT-1601(3) [prerequisite(s)] [prerequisite(s)]; PSYC-2102L (lab) (must be taken concurrently).

PSYC-2200 (3) Developmental Psychology I:

Fundamentals (3 hrs Lecture) 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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2210 (3) Introduction to Educational

Psychology (3 hrs Lecture) 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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2300 (3) Personality Psychology (3 hrs Lecture)

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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2400 (3) Social Psychology I (3 hrs Lecture) 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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2410 (3) Social Psychology II (3 hrs Lecture) 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.

Requisite Courses: PSYC-1000 and PSYC-2400 [prerequisite(s)].

PSYC-2420 (3) The Psychology of Sex and Gender (3

hrs Lecture) 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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2430 (3) Psychological Approaches to Social Issues (3 hrs Lecture) This course examines issues of social importance in light of psychological theory and research findings. To set the stage for understanding both sides of the issues, the course begins with a primer on the default settings that people typically apply to social issues that hinder open-minded discussion, and how to avoid them. The course then surveys pressing issues such as climate change, terrorism, racism, economic inequality, and artificial intelligence. The specific topics for a particular offering may be obtained in advance from the Department.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2600 (3) An Introduction to Cognitive Psychology (3 hrs Lecture) This course examines empirical and theoretical approaches to the study of human cognitive processes. Topics to be discussed include perception, attention, short- and long-term memory, semantic memory, language, and thinking. Demonstrations illustrating major principles and exercises for improving cognition are included.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2610 (3) Perception I (3 hrs Lecture) 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.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2620 (3) Psycholinguistics (3 hrs Lecture) 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.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2700 (3) Introduction to Clinical Psychology (3 hrs Lecture) 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.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2800 (3) Fundamentals of Animal Learning (3 hrs Lecture) 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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-2900 (3) Physiological Psychology I (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: PSYC-1000 [prerequisite(s)]; PSYC-2900L (must be taken concurrently).

PSYC-2920 (3) Drugs and Behaviour (3 hrs Lecture) 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.
Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3050 (3) Culture and Psychology (3 hrs Lecture) 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.
Requisite Courses: At least 3 credit hours in Psychology beyond the 1000 level or permission of the instructor [prerequisite(s)].

PSYC-3200 (3) Developmental Psychology II: Childhood (3 hrs Lecture) 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).
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-3220 (3) Adult Psychology (3 hrs Lecture) 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.
Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-3230 (3) Adolescent Psychology (3 hrs Lecture)

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.

Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-3450 (3) Organizational Leadership and Decision Making (3 hrs Lecture)

This course provides an in-depth survey of research and theory about leadership and decision making in organizations. Power, trait, behavioral, contingency-based, social exchange and transformational models of organizational leadership are examined. Additional topics include leadership styles for effective group decision making, ethics in leadership, and the impact of gender and culture on leadership.

Requisite Courses: PSYC-2400 or PSYC-2440 or BUS-2103 [prerequisite(s)].

PSYC-3470 (3) Forensic Psychology (3 hrs Lecture)

This course examines ways that psychological principles can inform understand of and practices in the criminal justice system (i.e., law enforcement, courts, corrections). Topics to be covered include: detection of deception, eyewitness testimony, legal decision-making, juries, mental illness in court, risk assessment, psychopathology, and corrections. Research on psychological factors in the criminal justice system and field practices are emphasized.

Cross-listed: CJ-3470(3).

Restrictions: Students may not hold credit for this course and CJ-3470.

Requisite Courses: CJ-2101, or SOC-2125 and SOC-2126, or PSYC-2101 and PSYC-2102, or permission of the instructor [prerequisite(s)].

PSYC-3480 (3) Interpersonal Communication (3 hrs Lecture)

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.

Requisite Courses: PSYC-2400 or permission of the instructor [prerequisite(s)].

PSYC-3490 (3) The Psychology of Close Relationships (3 hrs Lecture)

Close stable relationships are fundamental to individual human development and functioning as well as to social cohesion. This course examines the special theoretical and methodological requirements for studying the formation and enactment of close relationships, paying attention to such examples as infant-caregiver interaction, family relations, friendship, love and commitment, conflict and cooperation, and mentor-protégée relationships.

Requisite Courses: PSYC-2410/3, Social Psychology II [prerequisite(s)].

PSYC-3600 (3) Cognitive Processes (3 hrs Lecture)

This course introduces the interdisciplinary area of cognitive science, which integrates cognitive psychology, computer science, robotics, and linguistics. Alternative approaches to cognition are considered, including traditional cognitive models, connectionism, and embodied cognition. The course examines the philosophical and historical foundations of each approach, strengths and weaknesses of each, and relevant empirical results on memory, categorization, perception, language, and other cognitive phenomena.

Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)].

PSYC-3700 (3) Abnormal Behaviour in Adults (3 hrs Lecture)

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, psychodynamic, etc.) of abnormal behaviour will be discussed. A major emphasis will be placed on current research in understanding psychopathology.

Requisite Courses: PSYC-2102 or permission of the instructor [prerequisite(s)].

PSYC-3710 (3) Abnormal Behavior Children and Adolescents (3 hrs Lecture)

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, psychodynamic, 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.

Requisite Courses: PSYC-2200 or permission of the instructor [prerequisite(s)].

PSYC-3720 (3) Behaviour Modification (3 hrs Lecture)

This course deals with the application of the principles of conditioning theory to the teaching and modification of human behaviour.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3740 (3) Introduction to Family Processes (3 hrs Lecture)

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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3790 (3) Applied Psychology (3 hrs Lecture)

This course provides the necessary background for students intending to conduct work in applied settings in psychology. The course focuses on professional and ethical issues and is required for the Certificate in Applied Psychology. It covers principles of community psychology using an ecological perspective, including topics such as wellness, prevention, policy and system change, research design, and program evaluation.

Restrictions: Department Permission Required.

Requisite Courses: PSYC-2102(3) [prerequisite(s)].

PSYC-3830 (3) Genes, Evolution, and Behaviour 1 (3 hrs Lecture) This course provides an introduction to the study of 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.

Requisite Courses: PSYC-1000 [prerequisite(s)].

PSYC-3900 (3) Physiological Psychology II (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: PSYC-2900 [prerequisite(s)]; PSYC-3900L (must be taken concurrently).

PSYC-3910 (3) Human Neuropsychology (3 hrs Lecture) 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).

Requisite Courses: PSYC-2900 [prerequisite(s)].

PSYC-3920 (3) Cognitive Neuroscience (3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: PSYC-2900 [prerequisite(s)]; PSYC-3920L (must be taken concurrently).

PSYC-3930 (3) Mind, Brain, and Body (3 hrs Lecture) 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.

Requisite Courses: PSYC-2101 and PSYC-2102 or permission of the instructor [prerequisite(s)]; PSYC-2900 (recommended to be taken previously or at the same time as this course).

PSYC-4010 (3) Advanced Readings and Research in Psychology I (3 hrs Directed Reading) 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 continue without the completed forms.

Restrictions: Department Permission Required.

Requisite Courses: PSYC-4100 [prerequisite(s)].

PSYC-4020 (3) Advanced Readings and Research in Psychology II (3 hrs Directed Reading) 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 continue without the completed forms.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-4010 [prerequisite(s)].

PSYC-4025 (3) Topics in Psychology (3 hrs Lecture) This course studies specific topics in Psychology at an advanced level. Students should consult with the department regarding potential offerings in a given year. Potential topics include: Psychology and the Arts, Reading Development and Dyslexia, Aggression and Violence, Political Psychology. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4030 (3) Psychological Issues in Historical Perspective (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4040 (6) Honours Thesis (3 hrs Lecture) To complete the Honours degree each student must satisfactorily complete before the end of their Honours program and after taking PSYC-4100, 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-4100 or permission of Psychology Honours Committee [prerequisite(s)].

PSYC-4100 (6) Intermediate Research Design and Data Analysis (3 hrs Lecture | 3 hrs Lab) 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)]; PSYC-4100L (must be taken concurrently).

PSYC-4200 (3) Topics in Developmental Psychology (3 hrs Lecture) This course will examine selected topics in Developmental Psychology not covered by PSYC-4240(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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2200 [prerequisite(s)].

PSYC-4240 (3) Social Development (3 hrs Lecture) This course examines theory and research concerning social development from birth to adolescence. It includes topics such as attachment, sense of self, peer relations, play, aggression, prosocial development, moral development, family and other socialization influences, and gender role development.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 and PSYC-2200 [prerequisite(s)].

PSYC-4250 (3) Cognitive Development (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 and either PSYC-2200 or PSYC-2600 [prerequisite(s)].

PSYC-4300 (3) Topics in Personality (3 hrs Lecture)

This course examines selected topics in personality theory and/or research. The exact topic(s) covered is determined by the Instructor and may vary from year to year.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2300 [prerequisite(s)].

PSYC-4350 (3) Freud: on Personality and Clinical Practice (3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4355 (3) Freud: on Society and Culture (3 hrs Lecture) 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 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").

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4400 (3) Topics in Social Psychology (3 hrs Lecture)

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 are 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. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2400 and PSYC-2410 [prerequisite(s)].

PSYC-4410 (3) Research Seminar in Social Psychology (3 hrs Lecture) 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 focuses on a

particular broad theoretical or applied area of social psychology (e.g., social cognition, group processes, interpersonal relationships) and students pursue individual projects from within that area. Through exposure to these individual projects and a core of assigned readings, students 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2400 and PSYC-2410 [prerequisite(s)]; PSYC-4100 (must be taken previously or at the same time as this course).

PSYC-4600 (3) Topics in Human Learning and Memory

(3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)].

PSYC-4610 (3) Topics in Perception

(3 hrs Lecture) This is 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 vary, depending on particular interests of students and current interests of the instructor.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2610 [prerequisite(s)].

PSYC-4630 (3) Topics in Cognitive Psychology

(3 hrs Lecture) 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. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2600 or permission of the instructor [prerequisite(s)].

PSYC-4700 (3) Topics in Abnormal Behaviour

(3 hrs Lecture) This is an advanced level course in abnormal psychology. The focus of the course is on recent research related to theories and mechanisms of abnormal behaviour. Topics include factors related to the development, maintenance, and treatment of abnormal behaviour in children and adults.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4730 (3) Biological Considerations in Clinical Psychology

(3 hrs Lecture) This course will deal with the biological bases of several psychological disorders. In addition, the various psychotherapeutic and pharmacological treatments are discussed and compared. Topics may include disorders such as alcoholism, anorexia nervosa, mania, depression, schizophrenia, Parkinsonism,

Huntington's Chorea, and Alzheimer's disease.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)].

PSYC-4750 (3) Psychological Testing

(3 hrs Lecture) This course is designed to present the basic concepts of psychological assessment and deals with the theory, construction and use of psychological tests, especially as it relates to clinical assessment. Material presented may include personality, vocational and cognitive assessment techniques.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 and PSYC-2300 [prerequisite(s)].

PSYC-4800 (3) Animal Cognition

(3 hrs Lecture) This course examines cognitive and emotional processes in non-human animals, such as episodic memory, interval timing, numerical ability, concept learning, tool use, communication, learned helplessness, empathy, prosocial behavior, self-control, and perspective-taking. The neural and evolutionary basis of animal cognition is discussed.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2800 or BIOL-2451 and PSYC-1000 [prerequisite(s)].

PSYC-4820 (3) Neuroscience of Addiction and Fear

(2 hrs Lecture | 2 hrs Lab) This course focuses on the link between neural mechanisms in the brain and behavior. Topics include how rewards, particularly drugs of abuse, change the brain, and how circuits in the brain permit humans and nonhumans to learn about and avoid potential dangers. Laboratories in the course employ computer aided simulations of the effects of brain lesions and localized drug infusions on the acquisition and extinction of fear learning in a fictional rat.

Note: PSYC-3900(3) or PSYC-3920(3) is recommended but not required.

Restrictions: Honours Form Required.

Requisite Courses: One of PSYC-2800, PSYC-2900, or PSYC-2920 [prerequisite(s)]; PSYC-3900 or PSYC-3920 is recommended but not required (recommended to be taken previously or at the same time as this course); PSYC-4820L (lab) (must be taken concurrently).

PSYC-4830 (3) Genes, Evolution, and Behaviour II

(3 hrs Seminar/Discussion) This course provides advanced study 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. Specific topics to be investigated and presented by students include genetic defects and chromosomal anomalies, classical ethology, population genetics, heritability estimation, and that aspect of population ethology known as sociobiology.

Note: PSYC-3830 or BIOL-2301 recommended.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2102 [prerequisite(s)]; Note: BIOL-2301 or PSYC-3830 is recommended (recommended to be taken previously or at the same time as this course).

PSYC-4900 (3) Topics in Physiological Psychology

hrs Lecture) This course in physiological psychology examines research findings in a selected topic. Topics vary and may include either human or nonhuman research.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2900 and one of PSYC-3900, PSYC-3910, or PSYC-3920 [prerequisite(s)].

PSYC-4920 (3) Topics in Cognitive Neuroscience (3

hrs Lecture) 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. This course may be repeated for credit when the topic varies.

Restrictions: Honours Form Required.

Requisite Courses: PSYC-2900 and PSYC-3920 [prerequisite(s)].

RADIATION THERAPY

CCMB-2520 (3) Physics of Radiation Therapy (3 hrs Lecture) This series of lectures is designed to provide the student radiation therapist with a fundamental understanding of the physical nature of both photons and electrons and specifically the manner in which they interact with an absorbing/scattering medium. The concepts presented in this series will enhance the student's ability to make decisions regarding clinical radiation therapy treatments.

Requisite Courses: Admission to the Radiation Therapy Program, PHYS-1301, STAT-1501, or permission of the instructor [prerequisite(s)]; CCMB-2903 (must be taken previously or at the same time as this course).

CCMB-2540 (3) Radiation Protection, Health Physics & Quality (3 hrs Lecture) This course reviews the fundamental concepts which are used to minimize risk when working with sources of ionizing radiation, with emphasis on the application of these concepts to radiation therapy. Topics covered include: types and sources of radiation, radiation quantities and units, biological effects and potential risk, basic principles of protection, regulation and dose limits, methods of dose monitoring, and application in radiation therapy. Students learn about the concept of quality processes in radiation therapy planning and delivery; and advances used to improve the delivery of healthcare.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2520, or permission of the instructor [prerequisite(s)].

CCMB-2550 (3) Technology and Biology in Radiation Therapy (3 hrs Lecture) In this course we discuss the design and function of clinical equipment, basic principles of imaging modalities and criteria for use as they relate to radiation therapy. Practical reinforcements of principles are provided in a lab setting. The fundamental concepts of radiation biology are described at the cellular and patient levels. Students are introduced to theories of how radiation interacts with cells and tissues, what impact radiation has on organisms and the human body, and how to best achieve treatment goals.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2520 and PHYS-2503 [prerequisite(s)]; CCMB-2912 and CCMB-2913 (must be taken previously or at the same time as this course).

CCMB-2560 (3) Advances in Radiation Therapy (Seminar/Discussion with variable meeting hours) Radiation biology concepts are expanded on from prior knowledge and applied to clinical practice; students gain further insight into ways to exploit cellular differences in healthy cells so as to increase the likelihood of tumour eradication. Additional technical, imaging and treatment practices are examined and discussed in terms of current practice and developing technology. Students are encouraged to critically appraise literature and synthesize information related to clinical practices.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2904 and CCMB-2911 [prerequisite(s)]; CCMB-3934 (must be taken concurrently).

CCMB-2901 (3) Professional Practice and Patient Care in Radiation Therapy I (3 hrs Lecture) This course focuses on the practice of radiation therapy within the health care environment. It provides the student with the knowledge and skills to practice competently and empathetically in a radiation therapy department. Topics include: health care systems, infection prevention and control, patient assessment (including problem solving and critical thinking), psychosocial aspects of caring for cancer patients and their families, patient education (theory and practice), and site related side effects of cancer treatment (primarily radiation therapy). The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.

Requisite Courses: Admission to the Radiation Therapy Program, BIOL-1112, SOC-1100, SOC-1102, CCMB-2902, and CPR First Aid [prerequisite(s)]; CCMB-2912 (must be taken previously or at the same time as this course).

CCMB-2902 (3) Clinical Radiation Oncology I (3 hrs Lecture) This course introduces the fundamental concepts, supporting the use of radiation in the treatment of disease. It includes etiological and epidemiological aspects, the value of early diagnosis, the biological and pathological aspects of cancer in the human body, the principles of radiobiology and general management of patients with malignant disease. Students are introduced to the clinical presentation of cancer, routes of spread, the management of major tumour sites, focusing on the use of radiation therapy in both a palliative and curative role. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.

Requisite Courses: Admission to the Radiation Therapy Program and BIOL-1112 [prerequisite(s)]; CCMB-2903 (must be taken concurrently).

CCMB-2903 (3) Treatment Planning and Dosimetry I (3 hrs Lecture) The goal is to provide the student with the necessary mathematical and technical skills, as well as the attitudes, which are required in the planning process. Because of the dangers inherent in the use of ionizing radiation the student must be knowledgeable of the various factors which need to be considered when using radiation for treatment. This course provides the basic information required to correctly calculate treatment parameters and accurately plan radiation treatments for patients. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.

Requisite Courses: Admission to the Radiation Therapy Program, PHYS-1301, BIOL-1112 [prerequisite(s)]; CCMB-2902 and CCMB-2520 (must be taken concurrently).

CCMB-2904 (3) Clinical Education I (Apprenticeship/Internship/Practicum with variable meeting hours) Students will apply basic concepts of radiation therapy to the planning and delivery of treatment. Opportunities to plan and deliver treatment, as well as to

interact with patients; will be provided. This clinical is an orientation to the profession of radiation therapy, and is conducted under the supervision of a registered radiation therapist (R.T.T.). The focus will be on assessment, evaluation, communication, and application of theory to clinical practice.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2901, CCMB-2912, CCMB-2913, CCMB-2550 [prerequisite(s)]; CCMB-2911 (must be taken concurrently).

CCMB-2911 (3) Professional Practice and Patient Care in Radiation Therapy II (3 hrs Lecture) This course builds on Professional Practice and Patient Care in Radiation Therapy I (CCMB 2901). Topics include: self-care and professional growth, professional and therapeutic communications, professionalism, advanced practices in patient assessment, providing a safe environment for ourselves and our patients, societal diversity and cultural awareness, complementary and alternative medicine, supportive care, and legal and ethics issues in health care. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2901, CCMB-2912, CCMB-2913, CCMB-2550, CCMB-2540 [prerequisite(s)]; CCMB-2904 (must be taken concurrently).

CCMB-2912 (3) Clinical Radiation Oncology II (3 hrs Lecture) This course builds upon the knowledge and skills acquired in Clinical Radiation Oncology I. The course continues to focus on cancer, with emphasis on clinical presentation, routes of spread and the management of major tumour sites in both adults and children. Considerable time is spent on treatment techniques and sequelae of treatment, which enhances the student's critical thinking skills as it relates to a variety of scenarios. Students will also gain an understanding of systemic radiation therapy treatment and the role of radiation therapy in the treatment of benign disease. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2902 [prerequisite(s)]; CCMB-2901, CCMB-2550 and CCMB-2913 (must be taken previously or at the same time as this course).

CCMB-2913 (3) Treatment Planning and Dosimetry II (3 hrs Lecture) A continuation of Treatment Planning and Dosimetry I, this course focuses on the application of previously learned information. The course will actively encourage and provide opportunity for the student to apply knowledge in other related areas to the skilled and accurate planning of treatment. Treatment plans will be designed combining technical aspects (such as 3D conformal & intensity modulated planning, 3D imaging, adjacent fields, electron therapy, & brachytherapy planning), with the specific needs of the patient. In order to enhance learning, students will be encouraged to critique a variety of treatment plans, both as a method of evaluating their own work in terms of accuracy, efficiency, and

feasibility; and as a quality assurance tool, promoting excellence in the field of radiation therapy. The lab component of this course provides the student with hands-on experience allowing them to relate the didactic material to simulated clinical situations.

Requisite Courses: CCMB-2912 and CCMB-2550 (must be taken concurrently); Admission to the Radiation Therapy Program and CCMB-2903 [prerequisite(s)].

CCMB-3901 (3) Directed Studies I (Directed Reading with variable meeting hours) This course is structured to provide a learner-centered environment and is intended to build on previous courses specific to radiation therapy and supporting students in understanding clinical oncology concepts of specified malignant conditions. This knowledge will enhance the student's problem solving and decision making capabilities and support the student's ability to perform in the clinical radiation therapy environment as they develop as Radiation Therapists.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3914 [prerequisite(s)]; CCMB-3924 (must be taken concurrently).

CCMB-3903 (3) Directed Studies II (3 hrs Directed Reading Seminar/Discussion with variable meeting hours) Affiliations are scheduled in a number of areas within CCMB as well as other relevant areas (e.g., diagnostic radiography, MRI, US). An independent learning project, researching a topic of special interest to the student and culminating in a paper of not less than 3000 words must be submitted. Competency Based examinations assess both the cognitive (knowledge, application and critical thinking) and affective domains of learning related to Radiation Therapy practice.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3901, CCMB-3924 [prerequisite(s)].

CCMB-3914 (6) Clinical Education II (Apprenticeship/Internship/Practicum with variable meeting hours) Students will apply concepts of radiation therapy to clinical practice under the supervision of a registered radiation therapist (R.T.T.). The focus will be on the planning and delivery of radiation treatment, as well as assessment, communication, and teaching skills. Opportunities to problem solve through applications of knowledge to the clinical situation, will be provided.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-2911, CCMB-2912, CCMB-2913, CCMB-2540, CCMB-2550 [prerequisite(s)].

CCMB-3924 (6) Clinical Education III (Apprenticeship/Internship/Practicum with variable meeting hours) The student is assigned to a variety of clinical areas, with the majority of time spent in the planning and delivery of treatment. Students continue to apply fundamental concepts of radiation therapy to the care of cancer patients of all ages, and their families, during the time in which they are undergoing radiation therapy. The focus is on the critical thinking, communication skills, team work, and advocacy. The level of clinical responsibilities is increased as the student performs competencies under the supervision of a registered radiation therapist (R.T.T.).

Requisite Courses: Admission to the Radiation Therapy

Program, CCMB-3914 [prerequisite(s)]; CCMB-3901 (must be taken concurrently).

CCMB-3934 (6) Clinical Education IV

(Apprenticeship/Internship/Practicum with variable meeting hours) Students apply fundamental concepts of radiation therapy, mainly in planning and delivery of care to cancer patients of all ages, and their families, during the time in which the patient is undergoing treatment. The level of clinical responsibilities is increased as students perform competencies under the supervision of a registered radiation therapist (R.T.T.). The clinical practice outcomes of this course begin to integrate the professional responsibilities of an RTT in the domains of cognitive, psychomotor, and affective skills. Students are required to attend the Western Manitoba Cancer Centre in Brandon for a minimum 2 week rotation.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3924 [prerequisite(s)]; CCMB-2560 (must be taken concurrently).

CCMB-3944 (6) Advanced Clinical Education V

(Apprenticeship/Internship/Practicum with variable meeting hours) The student continues to apply concepts of radiation therapy, in planning and delivery of care to cancer patients and their families, during the time in which the patient is undergoing treatment. The level of clinical responsibilities and complexity is increased from Clinical Education IV as the student performs competencies under the supervision of a registered radiation therapist (R.T.T.). The clinical practice outcomes of this course correlate with the entry-level professional responsibilities of an RTT in the domains of cognitive, psychomotor, and affective skills. Students are required to attend at the Western Manitoba Cancer Centre in Brandon for a minimum 2 week rotation.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3934 [prerequisite(s)]; CCMB-4902 (must be taken concurrently).

CCMB-4902 (3) Independent Studies (9 hrs Directed Reading Seminar/Discussion with variable meeting hours)

This course is structured to provide a learner-centered environment and is intended to build on previous courses specific to radiation therapy and supporting students in understanding clinical oncology concepts of specified malignant, non-malignant and benign conditions. This knowledge enhances the student's problem solving and decision making capabilities and supports the student's ability to perform in the clinical radiation therapy environment as they develop as Radiation Therapists.

Requisite Courses: Admission to the Radiation Therapy Program, CCMB-3934 [prerequisite(s)]; CCMB-3944 (must be taken concurrently).

RELIGION AND CULTURE

REL-1002 (3) Exploring Religions: World's Religions (3 hrs Lecture) 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 (3 hrs Lecture) 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.
Restrictions: Students may not hold credit for this course and REL-2125.

REL-2001 (6) Elementary Biblical Hebrew (4 hrs Lecture) 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-2011 (3) Introduction to Modern Standard Arabic I (3 hrs Lecture | 1 hrs Lab) 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 and master basic concepts of case and agreement. Vocabulary and additional grammatical concepts are discussed and integrated into classroom exercises and homework assignments. Restriction: Arabic speakers and persons with more than the most rudimentary prior knowledge of Arabic are not eligible to take this course.
Restrictions: Instructor Permission Required. Students may not hold credit for this course and REL-2010.
Requisite Courses: REL-2011L (lab) (must be taken concurrently).

REL-2012 (3) Introduction to Modern Standard Arabic II (3 hrs Lecture | 1 hrs Lab) This course is designed to further develop introductory Modern Standard Arabic skills for students who have taken REL-2011 Modern Standard Arabic I. Students master basic concepts of case and agreement, learn how to form id-fah constructions, and form simple nominal and verbal sentences. Vocabulary and additional grammatical concepts are discussed and integrated into classroom exercises and homework

assignments. Restriction: Arabic speakers and persons with more than the most rudimentary prior knowledge of Arabic are not eligible to take this course.

Restrictions: Instructor Permission Required.
Requisite Courses: REL-2011 [prerequisite(s)]; REL-2012L (Lab) (must be taken concurrently).

REL-2121 (3) Early Judaism: From Formative to Normative (3 hrs Lecture) This course surveys the historical events, documents, modes of interpretation, major figures and diverse communities and beliefs and practices that preceded and informed the emergence of rabbinic Judaism. The course unpacks the influence of momentous events such as Greek and Roman conquests in the Middle East, the nascent Jesus movement, and the destruction of the Jerusalem Temple in 70 CE. It explores how documents such as the Dead Sea scrolls, the Apocrypha and the Pseudepigrapha and authors such as Philo of Alexandria and Josephus provide insight into the formative period of Early Judaism. It introduces students to the major genres of early biblical interpretation, such as typology, allegory, and midrash and oral Torah.

Cross-listed: CLAS-2704.

Restrictions: Students may not hold credit for this course and CLAS-2704.

REL-2125 (3) Modern Biblical Interpretation (3 hrs Lecture) Through the examination of specific, selected texts, this course introduces students to the basics of how secular biblical scholars approach and analyze biblical texts.

Restrictions: Students may not hold credit for this course and REL-1003.

REL-2127 (3) Major Biblical Themes (3 hrs Lecture) 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 hold credit for this course and REL-3155.

REL-2131 (3) Apocalyptic Literature (3 hrs Lecture) 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 hold credit for this course and REL-2010_3.

REL-2211 (3) Studies in the Synoptic Gospels (3 hrs Lecture) 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 hold credit for this course and REL-2211_6.

REL-2213 (3) Jesus in John (3 hrs Lecture) 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 hold credit for this course and REL-2122.

REL-2237 (3) Religion in Greece and Rome (3 hrs Lecture) This course will survey the religious beliefs and practices of the Greeks and Romans. Topics to be discussed will include the following: the worship of Olympian and Chthonic deities, oracles, orgiastic and mystery religions, Roman cults and rituals, Near Eastern religions, and the beginnings of Christianity.

Cross-listed: CLAS-2702(3).

Restrictions: Students may not hold credit for this course and CLAS-2702.

REL-2304 (3) Atheism, Skepticism and Religion (3 hrs Lecture) This course explores the five major contemporary critiques of religion, all of which have their roots in the writings of 19th and 20th 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 (3 hrs Lecture) 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 hold credit for this course and REL-2300 | REL-2301 | REL-2311.

REL-2306 (3) Modern Christianity (3 hrs Lecture) This course is a survey of modern Christianity as a global phenomenon from the 16th century to the present. This course examines the changing role of the church within the modern world from the Reformation to contemporary societies. It also examines the decline of Christianity in the West and its growth in the global South. Finally, this course introduces students to major thinkers within the modern church, including Martin Luther, Menno Simons, Dietrich Bonhoeffer, Dorothy Day, Desmond Tutu and Kwok Pui-Lan.

REL-2307 (3) Twentieth-Century Christianity (3 hrs Lecture) This course examines Christian thought and practice globally in light of the dramatic and often violent

events of the twentieth century. Topics may include the two world wars, the Shoah, the Cold War, the Civil Rights and anti-war movements, feminist, liberation, and decolonial movements, as well as the rise of Christian fundamentalism. Special attention is given to those voices and movements that responded to and helped to shape public life thought during this century, including the Confessing Church, the Civil Rights Movement, and Vatican II.

REL-2363 (3) Mennonite Studies I (3 hrs Lecture) This course is a survey of the origins and history of the Anabaptists in Switzerland, the Netherlands, Germany, Prussia and Russia. Attention is given to the interaction of religion and culture in the history of European Mennonites.

Cross-listed: HIST-2108(3) and MENN-2101(3).

Restrictions: Students may not hold credit for this course and HIST-2108 | MENN-2101.

REL-2364 (3) Mennonite Studies II (3 hrs Lecture) This course is a survey of the immigration and resettlement of Mennonites in Russia and in North and South America. The course includes 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: HIST-2109(3), MENN-2102(3).

Restrictions: Students may not hold credit for this course and HIST-2109 | HIST-3109 | MENN-2102.

REL-2401 (3) Religion and Popular Culture (3 hrs Lecture) 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 Context (3 hrs Lecture) 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-2405 (3) Religion and Culture: the Multifaith Society (3 hrs Lecture) The focus of this course will be 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 situation of religion in major institutions such as universities, government, and the media. The purpose of this course is to help students reflect critically on the overall place of religion in a society, the inherent Christian and "euro-centric" foundations of which have been challenged by growing non-Christian and/or non-European communities.

REL-2406 (3) Issues in the Study of Secular Society (3 hrs Lecture) This course explores issues of contemporary interest regarding the study of religion and secular society, focusing on social, moral, political and existential aspects of western secularity. Broadly, the course engages topical questions of public life in a secular world from an interdisciplinary perspective. Issues of focus may include: the role of religion in the public sphere; religion, secularism and social justice; individual and group identity in secular contexts; ecology in a secular world; communication in secular society; skepticism, atheism and religious faith.

REL-2407 (3) Contemporary Religion from a Social Scientific Perspective (3 hrs Lecture) 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-2425 (3) Religion and Contemporary Moral Issues (3 hrs Lecture) This course explores the relationship between religion and morality through a consideration of selected contemporary moral issues and the religious responses to them. Issues to be considered may include those pertaining to gender and sexuality, beginning and end-of-life debates, war and peace, ecology and the environment, human rights and social justice. Through its engagement with each of these issues, the course analyzes how religion implicitly and explicitly shapes modern moral thinking.

REL-2507 (3) Sexuality in the Religious Context (3 hrs Lecture) 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-2511 (3) Religion and Society: the Critique of Development (3 hrs Lecture) 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 hold credit for this course and REL-2512.

REL-2513 (3) Health, Healing and Spirituality in Cross-Cultural Perspective (3 hrs Lecture) 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 (3 hrs Lecture) 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) Modern Judaism (3 hrs Lecture) This course examines the historical, religious, intellectual and cultural life of Jewish peoples from the nineteenth-century European *Hasklah* (Jewish Enlightenment) to the global diaspora and the contemporary State of Israel. Key themes that are explored in this class include migration and return, anti-Semitism and the Shoah (Holocaust), nationalism, feminism, secular Judaism, and religious change.

REL-2605 (3) Modern Christian Denominations (3 hrs Lecture) This course concentrates on specific Christian institutions, bodies or movements such as, but not limited to, the following: The Roman Catholic Church, the Orthodox Church, the Anglican Church, the United Church of Canada, and the Pentecostal churches.

REL-2607 (3) New Religions in North America (3 hrs Lecture) 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-2703 (3) Religions of India (3 hrs Lecture) 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 (3 hrs Lecture) 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 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 (3 hrs Lecture) 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 and the resurgence of religion in Contemporary China will also be examined.

Cross-listed: EALC-2707(3).

Restrictions: Students may not hold credit for this course and EALC-2707.

REL-2708 (3) Religion in Japanese Life (3 hrs Lecture) 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.

Cross-listed: EALC-2708(3).

Restrictions: Students may not hold credit for this course and EALC-2708.

REL-2709 (3) Women in Asian Religions & Cultures (3 hrs Lecture) The course examines the experience of women in several Asian cultures (e.g., India, China, Japan), in different 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.

Cross-listed: EALC-2709(3).

Restrictions: Students may not hold credit for this course and EALC-2709.

REL-2710 (3) Classical Islam (3 hrs Lecture) 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 (3 hrs Lecture) 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 may not hold credit for this course and REL-2701.

REL-2713 (3) Muslims in Canada (3 hrs Lecture) 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-2714 (3) Gender and Sexuality in Muslim Societies (3 hrs Lecture) After considering the social context of the ancient Near East, the first part of the course explores gender in the Qur'an, considers the formative role women played in the early Islamic movement, and examines constructions of gender in medieval Muslim societies. In the second part of the course, students explore Islamic legal and ethical doctrines regarding gender and sexuality, focusing on marriage and divorce, veiling and segregation, and same-sex relationships. Students review scriptural texts on these issues, and critically examine how these texts have been interpreted and re-interpreted in premodern and modern contexts.

Restrictions: Students may not hold credit for this course and REL-2702.

REL-2715 (3) African Religions (3 hrs Lecture) 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-Saharan). 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 (3 hrs Lecture) 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.

Cross-listed: EALC-2718(3).

Restrictions: Students may not hold credit for this course and EALC-2718.

REL-2719 (3) Religion and Politics in the Middle East

(3 hrs Lecture) This course examines the relationship between religion and politics in the contemporary Middle East. Class readings cover a wide variety of Middle Eastern states such as Turkey, Israel, Iran, Egypt, Syria, and Iraq. Key topics covered in the course include religion-based political movements, the place of religion in regional struggles over democracy and human rights, the place of religion in sectarian and ethnic conflicts, and the role of women in regional debates over religion. Attention is given to relevant current events affecting the contemporary Middle East.

REL-2721 (3) Traditional Japanese Culture (3 hrs

Lecture) This course surveys traditional Japanese culture through an exploration of visual and dramatic arts, literature, philosophy, and religion. Special emphasis is placed on cross-cultural roots that bridged Japan with its neighbouring countries in East Asia. The historical foundations of popular Japanese contemporary culture - Manga, Anime, and high technology to name a few - are also discussed.

Cross-listed: EALC-2721(3) and ANTH-2121(3).

Restrictions: Students may not hold credit for this course and ANTH-2121 | EALC-2721.

REL-2725 (3) Food in Japanese Culture (3 hrs Lecture)

This course explores the culture and history of Japanese cuisine. Designated in 2013 by UNESCO as part of the world's "Intangible Cultural Heritage." Japanese food is no longer restricted to Japan itself, but is now an integral component of global culinary culture. In the class, students follow the evolution of Japanese food from its origins in prehistoric hunting-gathering and rice cultivation to its globalization in fusion cuisine of the twenty-first century. The course ultimately aims to demonstrate how Japanese food today is not necessarily Japanese in origin, but the product of intra and later intercontinental cultural, political, and religious networks.

Cross-listed: EALC-2725(3).

Restrictions: Students may not hold credit for this course and EALC-2725.

REL-2731 (3) Chinese Culture and Beliefs (3 hrs

Lecture) This course focuses on Chinese traditions and values that have influenced modern Chinese society. This course is introductory and requires no prior knowledge of Chinese language and history. All the texts in this course are in English. Students discover ways in which cultural representations in social life, customs, business practice, literature, and art have affected and are being affected by beliefs. Through lecture and guided discussion students better understand how traditions and beliefs continue to inform about Chinese culture today.

Cross-listed: EALC-2731(3).

REL-2733 (3) Religious Traditions of Korea (3 hrs

Lecture) 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.

Cross-listed: EALC-2733(3).

Restrictions: Students may not hold credit for this course and EALC-2733.

REL-2734 (3) The Making of Modern East Asian

Culture (3 hrs Lecture) This course introduces students to East Asian culture in modern times. It surveys the transformation of traditional religious and cultural values as a result of intense political and cultural influence from the West since the late 19th century, and explores the roots of contemporary culture in China, Japan, and Korea. Particular attention is given to the impact of literature (primarily short stories and novels by early 20th-century intellectuals) and Western thought on the East Asian region (e.g. social Darwinism, liberalism, science and democracy introduced to East Asia during the 19th century), and on the way in which traditional values are being critically re-evaluated as China, Japan, and Korea have endeavored to modernize their societies.

Cross-listed: EALC-2734(3).

Restrictions: Students may not hold credit for this course EALC-2734.

REL-2740 (3) The Supernatural in East Asian Culture the Supernatural in Pre-Modern East Asian Literature and its Contemporary Cinematic

Adaptations (3 hrs Lecture) This course introduces students to East Asian culture through depictions of supernatural phenomena. By transgressing the boundaries of life and death, human and animal, real and unreal, supernatural beings shed light on socio-culturally constructed boundaries, such as status and gender. Through the lens of traditional supernatural literature, a framework of social structures in traditional East Asia emerges to show how characters confront and transgress the bounds of normative behaviour. Topics may include gender, purity and contamination, Five Elements Theory, Buddhism, Daoism, Neo-Confucianism, popular religion, cultural taboos, and changing views toward the supernatural in the age of scientific inquiry.

Cross-listed: EALC-2740(3).

Restrictions: Students may not hold credit for this course and EALC-2740.

REL-2774 (3) Big Ideas and Great Debates in Chinese Intellectual History (3 hrs Lecture)

This course explores the intellectual history of pre-modern China. By taking a thematic approach to leading intellectual currents within Chinese thought, the course critically examines debated and contested ideas between and among a diversity of schools of Chinese thought, including, but not limited to, Confucianism, Daoism, and Buddhism. The course is based on close reading of primary text materials in translation and students are required to engage in debate during class hours.

Cross-listed: EALC-2774(3).

Restrictions: Students may not hold credit for this course and EALC-2774.

REL-2780 (3) The Martial Arts of East Asia (3 hrs

Lecture) In this course, students challenge the portrayal of East Asian martial arts as an ancient, mystical practice by examining the history of martial arts. Students explore how military techniques once intended for war, policing, and control of banditry came to be practiced as methods of moral and physical self-cultivation. The course examines the historical origins of martial arts in China, Japan, and Korea, their evolution, and how they both subverted and served state agendas in the modern era. Lastly, it covers the role of martial arts in contemporary popular culture. This class is an online course requiring a high speed internet connection.

Cross-listed: EALC-2780.

Restrictions: Students may not hold credit for this course and EALC-2780.

REL-2801 (3) Introduction to Indigenous Spirituality

(3 hrs Lecture) This course provides an introduction to the plurality of Indigenous 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) Indigenous and Christian Encounter (3

hrs Lecture) This course will explore Indigenous Spirituality in the context of the encounter between Christianity and the traditional religions of the Indigenous peoples of Canada from first contact to the present. Topics will include missionary societies, residential schools and historical and contemporary responses to the Christian tradition. Special attention will be given to Anishnabe, Omushkego, and Dakota traditions.

Restrictions: Students may not hold credit for this course and REL-2805.

REL-2803 (3) Indigenous Sacred Narratives (3 hrs

Lecture) In Indigenous 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 Indigenous religious traditions in the Americas. Narratives are examined to identify mythic themes/story types, human and non-human characters, cultural values, and traditional teachings. Indigenous 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 (3 hrs

Lecture) This course explores the spiritual traditions of Indigenous 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 Indigenous 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 Indigenous societies and their traditional belief systems.

Cross-listed: IDS-2804(3).

Restrictions: Students may not hold credit for this course and IDS-2804.

REL-2901 (3 or 6) Art in Non-Christian Religions (3 hrs

Lecture) 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: HIST-2802(3).

Restrictions: Students may not hold credit for this course and HIST-2802.

REL-2942 (3) The Philosophy of Yoga (3 hrs Lecture) In

this course students become acquainted with the tradition of yoga and its background in the South Asian ascetic and religious discourse. This course potentially combines historical, philosophical, and experiential approaches in order to provide a nuanced vision of the traditional practice of yoga and thus provide a background and context to the modern global yoga movement.

REL-3011 (3) Intermediate Arabic (3 hrs Lecture | 4 hrs

Lab) This course is a continuation of REL-2012 Introduction to Modern Standard Arabic. Students will continue their study of Modern Standard Arabic. The goal of this course is to be able to form and understand Arabic sentences at an intermediate skill level. Students will develop their abilities in reading, writing, aural comprehension, and oral expression.

Requisite Courses: REL-2012 or permission of the instructor [prerequisite(s)].

REL-3120 (3) The Prophets in Israel's Culture (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4120(3).

Restrictions: Students may not hold credit for this course and REL-3121 | REL-3122 |REL-4120.

Requisite Courses: REL-1003, REL-2125, or REL-2127 or permission of the instructor [prerequisite(s)].

REL-3125 (3) Biblical Myths, Legends, and Folktales

(3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4125(3).

Restrictions: Students may not hold credit for this course and REL-4125.

Requisite Courses: REL-1003 or permission of the instructor [prerequisite(s)].

REL-3157 (3) Women in Ancient Israel (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4157(3).

Restrictions: Students may not hold credit for this course and REL-4157.

Requisite Courses: REL-1003 or REL-2111 or REL-2125 or WGS-1232 or permission of the instructor [prerequisite(s)].

REL-3504 (3) The Problem of Evil (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4504(3).

Restrictions: Students may not hold credit for this course and REL-4504.

Requisite Courses: Any 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3510 (3) Feminist Theory and Western Religions (3 hrs Seminar/Discussion) This course examines how contemporary feminist theory poses challenges and offers resources to the study of religion and culture. This course engages such contemporary feminist theories as affect theory, biopolitics, posthumanism and new materialisms in conjunction with Western religious thought on the nature and role of woman and gender.

Cross-listed: REL-4510.

Restrictions: Students may not hold credit for this course and REL-4510.

Requisite Courses: A course at the 2000-level in Christianity, Judaism or Islam [prerequisite(s)].

REL-3512 (3) Religious Quest in the Modern Age (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4512(3).

Restrictions: Students may not hold credit for this course and REL-4512.

Requisite Courses: 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3601 (3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity (3 hrs Seminar/Discussion) In this course students will be introduced to 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, we will consider the ways people construct and maintain their religious identities through weaving their own experiences into a narrative which includes other individuals and institutions. In addition to considering this method theoretically, students will have an opportunity to employ this tool in the context of fieldwork.

Cross-listed: REL-4601(3).

Restrictions: Students may not hold credit for this course and REL-4601.

Requisite Courses: 6 credit hours in Religion & Culture or permission of the instructor [prerequisite(s)].

REL-3701 (3) Issues in the Interpretation of the Qur'an (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4701(3).

Restrictions: Students may not hold credit for this course and REL-4701.

Requisite Courses: REL-1002, REL-2701, REL-2702, REL-2710 or REL-2711 or permission of the instructor [prerequisite(s)].

REL-3703 (3) Islamic Law (3 hrs Seminar/Discussion) This course considers the historical contexts within which Islamic law took shape, before examining its origins with the Qur'an and early development within Muslim societies. Next, the course shifts from the history of the law to its substantive areas and application, examining the underlying ethos and principles of Islamic law regarding violence and warfare, gender, non-Muslims, and modernity, are considered, all considered through contemporary case studies.

Cross-listed: REL-4703.

Restrictions: Students may not hold credit for this course and REL-4703.

REL-3708 (3) Topics in Buddhist Culture and Society (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-4708(3) and EALC-3708(3)/4708(3).

Restrictions: Students may not hold credit for this course and EALC-3708 | EALC-4708 | REL-4708.

Requisite Courses: 6 credit hours of EALC course work or permission of the instructor [prerequisite(s)].

REL-3713 (3) Gender and Sexuality in Chinese

Culture (3 hrs Lecture) This course focuses on Chinese society, culture and conceptions of identity through the prisms of gender and sexuality. Topics include normative social roles as defined by Confucian values, power and sexual dynamics within polygamous households, the social body vs. the biological body and the diversity of atypical bodies in traditional China. Further we will see how gender inequality was appropriated to reflect China's backwardness vis à vis the West and Japan in the modern period, and how contemporary culture and society has sought to free gender expression from the confines of national discourse.

Cross-listed: EALC-4713(3), REL-3713(3), REL-4713(3)

Restrictions: Students may not hold credit for this course and EALC-3709 | EALC-3713 | EALC-4709 | EALC-4713 | REL-4713.

REL-3719 (3) Sufism: Islamic Spirituality and

Philosophy (3 hrs Seminar/Discussion) Sufism is Islam's rich tradition of spirituality and mysticism. It remains one of the most influential and popular expressions of Islam. Historically, Sufis have been celebrated for their poetry, music and philosophy. This course will explore Sufism's origins, development, key role in classical Islamic civilization, and varied manifestations in the contemporary period.

Restrictions: Students may not hold credit for this course and REL-4719.

REL-3720 (3) Topics in Japanese Culture and Society

(3 hrs Seminar/Discussion) This course explores the development of intellectual culture in Tokugawa Japan (1600-1858). We examine the slaughter of Japanese Christians and Confucianism's subsequent rise as a state ideology for the Shogunate. We study how an increasing number of scholars responded to Chinese learning by turning toward Neo-Confucianism, Japanese nativism, and Western learning, as alternatives to Classical Confucian education. Along with the diversity of thought, we explore how popular culture materialized in forms of print literature and theatrical entertainment. Finally, we focus on the culture of dissent that emerged as the Shogun's reign came to an end.

Cross-listed: EALC-3720/4720(3) & REL-4720(3).

Restrictions: Students may not hold credit for this course and EALC-3720 | EALC-4720 | REL-4720.

Requisite Courses: Prerequisite: One of Rel-1002, Rel-2704, Rel-2705, Rel-2707, Rel-2708, Rel-2709, Rel-2718, or Rel-2721. Written Permission of the Instructor is required if one of the above prerequisite's is not met [prerequisite(s)].

REL-3721 (3) The Age of the Samurai (3 hrs Lecture)

"Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.

Cross-listed: REL-4721(3) and EALC-3721(3)/4721(3).

Restrictions: Students may not hold credit for this course and EALC-3721 | EALC-4721 | REL-4721.

Requisite Courses: REL-2721 or EALC-2721 or permission of the instructor [prerequisite(s)].

REL-3731 (3) Topics in Chinese Culture and Society

(3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-4731(3) and EALC-3731(3)/4731(3).

Restrictions: Students may not hold credit for this course and EALC-3731 | EALC-4731 | REL-4731.

REL-3802 (3) Indigenous Healers (3 hrs

Seminar/Discussion) 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 Indigenous religious traditions.

Cross-listed: REL-4802(3).

Restrictions: Students may not hold credit for this course and REL-4802.

Requisite Courses: REL-2801 or REL-2802 or REL-2803 or permission of the instructor [prerequisite(s)].

REL-3803 (3) Indigenous Women's Teachings (3 hrs

Seminar/Discussion) Indigenous worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings", are specific to Indigenous 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 Indigenous women. Written sources by and about Indigenous women and Indigenous women's teachings are examined and local Indigenous women Elders and traditional people are invited to speak to the class as oral sources.

Cross-listed: REL-4803(3).

Restrictions: Students may not hold credit for this course and REL-4803.

Requisite Courses: REL-2801, REL-2802, or REL-2803 [prerequisite(s)].

REL-3804 (3) Indigenous Spirituality: Research Methods (3 hrs Seminar/Discussion) This course focuses on research methods and sources for the study of Indigenous spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Indigenous spirituality and research with Elders and Indigenous people are examined. Guidelines established by the Social Sciences and Humanities Research Council related to the development of an Indigenous 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.

Cross-listed: REL-4804(3).

Restrictions: Students may not hold credit for this course and REL-4804.

Requisite Courses: REL-2801 or REL-2802 or REL-2803 [prerequisite(s)].

REL-3805 (6) Indigenous Ceremonies and Healing (6 hrs Seminar/Discussion) This course, organized in collaboration with local healers, involves participating in local Indigenous ceremonies and learning about Indigenous healing models and worldviews. Combined with an academic approach, it provides an opportunity to engage in experiential learning from an Indigenous perspective; which engages the four aspects of the self (mind, body, spirit, emotions) in the learning process. The course is offered in the spring/summer session when major ceremonies are held and involves some overnight camping. Students use their experiential learning as a framework to engage written sources related to the ceremonies and teachings. There are higher expectations for 4000 and graduate levels.

Requisite Courses: One of REL-2801, REL-2802, REL-2803, REL-2804, REL-3802, REL-4802, REL-3803, REL-4803, REL-3804, or REL-4804 or permission of the instructor [prerequisite(s)].

REL-3900 (3) Topics in Historical Judaism, Christianity, or Islam (3 hrs Seminar/Discussion) This course explores specific topics in the Historical Judaism, Christianity, or Islam area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-4900(3).

Restrictions: Students may not hold credit for this course and REL-4900.

Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Historical Judaism, Christianity, or Islam area of study, or permission of the instructor [prerequisite(s)].

REL-3940 (3) Topics in Religion and Modern Western Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Religions and Modern Western Culture

area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-4940(3).

Restrictions: Students may not hold credit for this course and REL-4940.

Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Religions & Modern Western Culture area of study, or permission of the Instructor [prerequisite(s)].

REL-3970 (3) Topics in Asian Religions and Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-4970(3) and EALC-3970(3)/4970(3).

Restrictions: Students may not hold credit for this course and EALC-3970 | EALC-4970 | REL-4970.

Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, or permission of the instructor [prerequisite(s)].

REL-3980 (3) Topics in Indigenous Religious Traditions (3 hrs Seminar/Discussion) This course explores specific topics in the Indigenous Religious Traditions area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-4980(3).

Restrictions: Students may not hold credit for this course and REL-4980.

Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Indigenous Religious Traditions area of study, or permission of the Instructor [prerequisite(s)].

REL-3990 (6) Readings in Religion (3 hrs Directed Reading) This course will provide individual directed study of a specialized subject at an advanced level.

Cross-listed: REL-4990(6).

Restrictions: Department Permission Required.

REL-3991 (3) Readings in Religion (3 hrs Directed Reading) This course will provide individual directed study of a specialized subject at an advanced level.

Cross-listed: REL-4991(3).

REL-3999 (6) Languages for Religious Studies (3 hrs Tutorial) 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.

Cross-listed: REL-4999(6).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-4999.

REL-4120 (3) The Prophets in Israel's Culture (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3120(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3120 | REL-3121 | REL-3122.

Requisite Courses: REL-1003, REL-2125, or REL-2127 and written approval from Department's Honours Chair [prerequisite(s)].

REL-4125 (3) Biblical Myths, Legends, and Folktales (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3125(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3125.

Requisite Courses: REL-1003 and permission of the Department Chair [prerequisite(s)].

REL-4157 (3) Women in Ancient Israel (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3157(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3157.

Requisite Courses: REL-1003, REL-2111, REL-2125, or WGS-1232, and permission of the Department Chair [prerequisite(s)].

REL-4504 (3) The Problem of Evil (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3504(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3504.

Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4510 (3) Feminist Theory and Western Religions (3 hrs Seminar/Discussion) This course examines how contemporary feminist theory poses challenges and offers resources to the study of religion and culture. This course engages such contemporary feminist theories as affect

theory, biopolitics, posthumanism and new materialisms in conjunction with Western religious thought on the nature and role of woman and gender.

Cross-listed: REL-3510.

Restrictions: Students may not hold credit for this course and REL-3510.

Requisite Courses: A course at the 2000-level in Christianity, Judaism or Islam [prerequisite(s)].

REL-4512 (3) Religious Quest in the Modern Age (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3512(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3512.

Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4601 (3) Storied Lives: Contemporary Spiritual Biographies and the Construction of Identity (3 hrs Seminar/Discussion) In this course students will be introduced to 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, we will consider the ways people construct and maintain their religious identities through weaving their own experiences into a narrative which includes other individuals and institutions. In addition to considering this method theoretically, students will have an opportunity to employ this tool in the context of fieldwork.

Cross-listed: REL-3601(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3601.

Requisite Courses: 6 credit hours in Religion & Culture and permission of the Department Chair [prerequisite(s)].

REL-4701 (3) Issues in the Interpretation of the Qur'an (3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3701(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3701.

Requisite Courses: REL-1002 or REL-2701 or REL-2702

or REL-2710 or REL-2711, and permission of the Department Chair [prerequisite(s)].

REL-4703 (3) Islamic Law (3 hrs Seminar/Discussion)

This course considers the historical contexts within which Islamic law took shape, before examining its origins with the Qur'an and early development within Muslim societies. Next, the course shifts from the history of the law to its substantive areas and application, examining the underlying ethos and principles of Islamic law regarding violence and warfare, gender, non-Muslims, and modernity, are considered, all considered through contemporary case studies.

Cross-listed: EALC-3703.

Restrictions: Students may not hold credit for this course and EALC-3703.

REL-4708 (3) Topics in Buddhist Culture and Society

(3 hrs Seminar/Discussion) 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.

Cross-listed: REL-3708(3) and EALC-3708(3)/4708(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3708 | EALC-4708 | REL-3708.

Requisite Courses: 6 credit hours of EALC course work or permission of the instructor [prerequisite(s)].

REL-4713 (3) Gender and Sexuality in Chinese

Culture (3 hrs Lecture) This course focuses on Chinese society, culture and conceptions of identity through the prisms of gender and sexuality. Topics include normative social roles as defined by Confucian values, power and sexual dynamics within polygamous households, the social body vs. the biological body and the diversity of atypical bodies in traditional China. Further we will see how gender inequality was appropriated to reflect China's backwardness vis à vis the West and Japan in the modern period, and how contemporary culture and society has sought to free gender expression from the confines of national discourse.

Cross-listed: EALC-4713(3), REL-3713(3), REL-4713(3).

Restrictions: Students may not hold credit for this course and EALC-3709 | EALC-3713 | EALC-4709 | EALC-4713 | REL-3713.

REL-4719 (3) Sufism: Islamic Spirituality and

Philosophy (3 hrs Seminar/Discussion) Sufism is Islam's rich tradition of spirituality and mysticism. It remains one of the most influential and popular expressions of Islam. Historically, Sufis have been celebrated for their poetry, music and philosophy. This course will explore Sufism's origins, development, key role in classical Islamic civilization, and varied manifestations in the contemporary period.

Restrictions: Students may not hold credit for this course

and REL-3719.

REL-4720 (3) Topics in Japanese Culture and Society

(3 hrs Seminar/Discussion) This course explores the development of intellectual culture in Tokugawa Japan (1600-1858). We examine the slaughter of Japanese Christians and Confucianism's subsequent rise as a state ideology for the Shogunate. We study how an increasing number of scholars responded to Chinese learning by turning toward Neo-Confucianism, Japanese nativism, and Western learning, as alternatives to Classical Confucian education. Along with the diversity of thought, we explore how popular culture materialized in forms of print literature and theatrical entertainment. Finally, we focus on the culture of dissent that emerged as the Shogun's reign came to an end.

Cross-listed: EALC-3720/4720(3) & REL-3720(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3720 | EALC-4720 | REL-3720.

Requisite Courses: One of REL-1002, REL-2704, REL-2705, REL-2707, REL-2708, REL-2709, REL-2718, or REL-2721 [prerequisite(s)].

REL-4721 (3) The Age of the Samurai (3 hrs Lecture)

"Samurai" often evokes an image of a warrior entranced in the Bushido code, ready to commit harakiri upon command. This course demystifies such an aura surrounding Japan's warrior class by exploring their rise from Heian temple servants to Sengoku warlords and then their fall from Edo Japan's intellectuals and bureaucrats to the realms of the destitute. Sources include samurai autobiographies, their intellectual scholarship, and representations of samurai in contemporary popular culture.

Cross-listed: REL-3721(3) and EALC-3721(3)/4721(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-3721 | EALC-4721 | REL-3721.

Requisite Courses: EALC-2721 or REL-2721 and permission of the Department Chair [prerequisite(s)].

REL-4731 (3) Topics in Chinese Culture and Society

(3 hrs Lecture) REL-4731/3 (S3) Topics in Chinese Culture and Society examines women in China from the pre-modern period to the contemporary era with a focus on women of modern Mainland China in their appropriate historical and cultural contexts. The course is a third year offering, however, it requires no prior knowledge of Chinese language, history, culture, or literature. Students in the course learn about the ways in which cultural representations of women's lives have changed from past to present. Prerequisite: 6 credit hours of EALC Culture (non-language) courses (or equivalent). In the absence of the prerequisite, permission of the instructor is required.

Cross-listed: EALC-4731.

Restrictions: Students may not hold credit for this course and EALC-4731.

Requisite Courses: You must successfully complete 6 credits of EALC culture (non-language) courses (or equivalent) or permission of the instructor [prerequisite(s)].

REL-4802 (3) Indigenous Healers (3 hrs

Seminar/Discussion) 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 Indigenous religious traditions.

Cross-listed: REL-3802(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3802.

Requisite Courses: REL-2801, REL-2802, or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4803 (3) Indigenous Women (3 hrs

Seminar/Discussion) Indigenous worldviews and ceremonies are, in general, gender inclusive. However, certain ceremonies and teachings, often referred to as "women's teachings", are specific to Indigenous 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 Indigenous women. Written sources by and about Indigenous women and Indigenous women's teachings are examined and local Indigenous women Elders and traditional people are invited to speak to the class as oral sources.

Cross-listed: REL-3803(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3803.

Requisite Courses: REL-2801, REL-2802, or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4804 (3) Indigenous Spirituality: Research

Methods (3 hrs Seminar/Discussion) This course focuses on research methods and sources for the study of Indigenous spirituality. Sources include published and unpublished written material and oral narratives. Critical perspectives and ethical issues related to the study of Indigenous spirituality and research with Elders and Indigenous people are examined. Guidelines established by the Social Sciences and Humanities Research Council related to the development of an Indigenous 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.

Cross-listed: REL-3804(3).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3804.

Requisite Courses: REL-2801 or REL-2802 or REL-2803, and permission of the Department Chair [prerequisite(s)].

REL-4805 (6) Indigenous Ceremonies and Healing (6

hrs Seminar/Discussion) This course, organized in collaboration with local healers, involves participating in local Indigenous ceremonies and learning about Indigenous healing models and worldviews. Combined with an academic approach, it provides an opportunity to engage in experiential learning from an Indigenous perspective; which engages the four aspects of the self (mind, body, spirit, emotions) in the learning process. The course is offered in

the spring/summer session when major ceremonies are held and involves some overnight camping. Students use their experiential learning as a framework to engage written sources related to the ceremonies and teachings. There are higher expectations for 4000 and graduate levels.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: One of REL-2801, REL-2802, REL-2803, REL-2804, REL-3802, REL-4802, REL-3803, REL-4803, REL-3804, or REL-4804 and permission of the instructor [prerequisite(s)].

REL-4900 (3) Topics in Historical Judaism,

Christianity, Or Islam (3 hrs Seminar/Discussion) This course explores specific topics in the Historical Judaism, Christianity, or Islam area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-3900(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3900.

Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Historical Judaism, Christianity, or Islam area of study, and permission of the Department Chair [prerequisite(s)].

REL-4940 (3) Topics in Religion and Modern Western

Culture (3 hrs Seminar/Discussion) This course explores specific topics in the Religions and Modern Western Culture area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-3940(3).

Restrictions: Honours Form Required. Instructor Permission Required. Students may not hold credit for this course and REL-3940.

Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Religions & Modern Western Culture area of study, and permission of the Department Chair [prerequisite(s)].

REL-4970 (3) Topics in Asian Religions and Culture (3

hrs Seminar/Discussion) This course explores specific topics in the Asian Religions and Cultures area of study at an advanced level. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-3970(3) and EALC-3970(3)/4970(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and EALC-4970 | REL-3970.

Requisite Courses: 6 credit hours in East Asian Languages and Culture or 6 credit hours in Religion & Culture, 3 of which must be in the Asian Religions and Cultures area of study, and permission of the Department Chair [prerequisite(s)].

REL-4980 (3) Topics in Indigenous Religious Traditions (3 hrs Seminar/Discussion) This course explores specific topics in the Indigenous Religious Traditions area of study at an advanced level. This course may be repeated for credit when the topic varies. Students enrolled at the 4000 level are typically assigned a heavier workload in terms of assignments and are expected to perform at a more advanced level. Students should consult the department regarding potential offerings in a given year.

Cross-listed: REL-3980(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and REL-3980.

Requisite Courses: 6 credit hours in Religion & Culture, 3 of which must be in the Indigenous Religious Traditions area of study, and permission of the Department Chair [prerequisite(s)].

REL-4990 (6) Readings in Religion (3 hrs Lecture) This course will provide individual directed study of a specialized subject at an advanced level.

Cross-listed: REL-3990(3).

Restrictions: Honours Form Required. Department Permission Required.

REL-4991 (3) Readings in Religion (3 hrs Lecture) This course will provide individual directed study of a specialized subject at an advanced level.

Cross-listed: REL-3991(3).

Restrictions: Honours Form Required.

REL-4999 (6) Languages for Religious Studies (3 hrs Tutorial) 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.

Note: Permission of the Department Chair is required.

Cross-listed: REL-3999(6).

Restrictions: Department Permission Required. Students may not hold credit for this course and REL-3999.

REL-5000 (6) Method and Theory in the Study of Religion (3 hrs Seminar/Discussion) This course will introduce the problem of method in Religious Studies, discussing Religion as a field of study, its definition, development, and relation to other disciplines. The student will be introduced to various methods of studying Religion and will be guided in the practice of a method suitable to his or her own area of research.

REL-5001 (3) Method and Theory in the Study of Religion I: Social Scientific Approaches (3 hrs Lecture) 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.

REL-5002 (3) Method and Theory in the Study of Religion II: Textual Interpretation (3 hrs Lecture) 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.

REL-5990 (6) Advanced Individual Study in Religion (3 hrs Directed Reading) 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 (3 hrs Directed Reading) This course will provide individual, directed study of a specialized topic for students beyond the undergraduate level.

RHETORIC AND COMMUNICATIONS

RHET-1101 (3) Academic Writing: Humanities (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1101 are designed for students likely to major in a discipline in the Humanities, such as English, History, or Philosophy. Assignments may include summaries, reviews, critiques, and research papers. Students are introduced to the styles of documenting sources and to the research databases relevant to the Humanities. The Department website provides detailed information about each section.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1102 (3) Academic Writing: Social Sciences (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1102 are designed for students likely to major in a discipline in the Social Sciences, such as Politics, Psychology, or Sociology. Assignments may include annotated bibliographies, literature reviews, and ethnographies. Students are introduced to the styles of documenting sources and to the research databases relevant to the Social Sciences. The Department website provides detailed information about each section.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1103 (3) Academic Writing: Sciences (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1103 are designed for students likely to major in a discipline in the Sciences, such as Biology, Chemistry, or Physics. Students are introduced to the styles of documenting sources and to the research databases relevant to the Sciences. The Department website provides detailed information about each section.

Note: Students may receive credit for only one Academic

Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1104 (3) Academic Writing: Business and Administration (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1104, designed for students in Business and Administration, focus on the fundamentals of good writing and critical thinking in academic and institutional settings. Students practise the forms of communication common in business, public administration, and non-profit organizations, such as summaries, reports, proposals, and correspondence. Students also learn the documentation styles and research databases relevant to Business and Administration. The Department website provides detailed information about each section.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1105 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1105 (3) Academic Writing: Multidisciplinary (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1105, designed for students who have not yet chosen a field of study, take a multidisciplinary rather than discipline-specific perspective. The approach taken in each section (for instance, the assignments, the research methods, and the styles of documentation) varies. The Department website provides detailed information about each section.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1106 | RHET-1110 | RHET-1115.

RHET-1106 (3) Academic Writing: Links with the

Disciplines (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. Sections of RHET-1106 are linked with departments such as Conflict Resolution Studies, Environmental Studies, and Kinesiology and Applied Health. Students who are registered in a discipline-specific course are also enrolled in an Academic Writing section that concentrates on the texts, topics, methods of research, and forms of writing appropriate to that discipline. The Department website provides detailed information about each section.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1110 | RHET-1115.

RHET-1110 (6) Academic Writing: Extended (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research: the discovery of topics, the arrangement of ideas, the assessment of audience and purpose, and the practice of effective editing. This course is designed to give students extensive opportunities to further develop their writing abilities, such as generating, evaluating, and developing ideas logically, supporting arguments with evidence, gathering and documenting information from a variety of sources, and using language clearly and correctly. The Department website provides information about each section.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1105 | RHET-1106 | RHET-1115.

RHET-1115 (3 or 6) Academic Writing: English As an Additional Language (3 hrs Lecture) Academic Writing teaches the essential strategies for university writing and research. This course is designed to give students whose first language is not English extensive opportunities to further develop their writing abilities, research skills, and public speaking skills. During the course, students learn to generate, evaluate, and develop ideas logically, support arguments with evidence, gather and document information from a variety of sources, use language clearly and correctly. Particularly, students have extensive opportunities to practice writing different genres of texts, and to develop public speaking skills, through a debate and a research presentation.

Note: Students may receive credit for only one Academic Writing course at the 1000 level for graduation. 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-1115(3/6) may not be taken by students whose first language is English.

Restrictions: Students may not hold credit for this course and ENGL-1100 | ENGL-1101 | ENGL-1121 | ENGL-1122 | RHET-1101 | RHET-1102 | RHET-1103 | RHET-1104 | RHET-1106 | RHET-1105 | RHET-1110.

RHET-1120 (3) Introduction to Rhetoric and Communications (3 hrs Lecture) This course provides an introduction to the study of Rhetoric and Communications, and the role that persuasion and persuasive discourse plays in contemporary communication, culture, and society. Topics include the role of persuasion in everyday communication, the relationship between rhetoric and structures of language, and foundations in rhetorical scholarship, writing studies, and the study of communications. Other topics may include the study of rhetoric in political communication, literacy pedagogy and textuality, religion, the law, public relations, and visual rhetoric in art, film, popular culture, and advertising.

Note: This course does not fulfill the University of Winnipeg's Academic Writing requirement.

RHET-2115 (3) Advanced EAL Writing: Negotiating Conventions (3 hrs Lecture) This course is designed to enhance international students' academic literacies, and is aimed at students with a basic understanding of academic discourses and expectations, having already completed introductory-level Academic Writing. It will enable students to explore the knowledge and expectations for producing academic and professional texts. Students have opportunities to enhance their writing competencies and become aware of the convention-driven expectations involved in academic writing. Throughout the course, students come to appreciate their existing linguistic repertoires and develop new ones that enable them to participate legitimately in their desired professional and/or academic communities, particularly at the university level.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)].

RHET-2131 (3) Professional Style and Editing (3 hrs Lecture) 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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2135 (3) Rhetorical Criticism (3 hrs Lecture) 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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2137 (3) Contemporary Communication

Theories (3 hrs Lecture) 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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2141 (3) Representations of Indigeneity (3 hrs Lecture) This course investigates the representation of Indigenous peoples in contemporary and historical forms of public communication such as text books, scholarship, government documents, internet, television, news media and public awareness campaigns, and how these representations contribute to perpetuating, challenging, or dispelling racist stereotypes and colonization practices.

There is an emphasis on writing by emerging and established Indigenous writers and scholars on themed topics such as business and economics, history, politics, art, social movements, environment, and education. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course.

Restrictions: Students may not hold credit for this course and GRHET-2141 (3) Representations of Indigeneity

Requisite Courses: Any section of Academic Writing or exemption from the Writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2142 (3) Rhetoric of Animality (3 hrs Lecture)

This course examines what has come to be known in the

humanities as "the question of the animal". It considers how moral discourse in the West has failed to grapple with the physical and metaphysical presence of non-human animals. Students examine how the moral status of animals has been theorized in Western thought. Students interrogate the different tropes used to uphold the human-animal distinction, including the idea that speech, communication, and reason confer a special status upon humanity. Students engage a wide range of writings addressing "the question of the animal". Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course.

Requisite Courses: Any section of Academic Writing or exemption from the Writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2143 (3) Rhetoric of Medicine (3 hrs Lecture)

Medicine is one of the oldest and most respected professions. Given its centrality in our lives, it is crucial that medicine be taken seriously by the humanities. What, then, does rhetoric have to say about medicine? How can we use rhetoric to investigate the history, practice, and culture of medicine? What insights can rhetoric offer about medical discourse? This course explores the role of language, performance, ethics, and power in medicine. The aim is to cultivate a crucial humanistic perspective on medicine and to understand its place in the modern social imaginary. Students taking a Major in Rhetoric and Communications must complete Academic Writing before taking this course.

Requisite Courses: Any section of Academic Writing or exemption from the Writing requirement [prerequisite(s)]; Completion of 24 credit hours [prerequisite(s)].

RHET-2145 (3) Theories and Practices of Oral

Communication (3 hrs Lecture) The goals of this course are threefold: to improve students' presentation skills in both design and delivery, to develop their critical analysis of presentations, and to extend their scholarly understanding of rhetoric and oratory. This course covers such topics as presentation structure, paralinguistic communication, the use of technology, charisma, gender and delivery, and rhetorical strategies of identification. Course work is evenly distributed between praxis-centred performance and scholarly reading and analysis, with assignments including both spoken presentations and theory-based research work.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2246 (3) Revolutions in Communication (3 hrs

Lecture) This course provides students with an historical overview of communication, focusing 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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2250 (3) Communications and Popular Culture (3 hrs Lecture) This course provides students with the historical, social-political, and cultural contexts for studying contemporary rhetoric and communications. Students look at changing rhetorics of taste, from the nineteenth to the twentieth century, as new media made art and culture more accessible to the public. Students examine how new processes of mediated distribution of art, and the rise of modern capitalism, changed the discursive strategies for writing about popular culture. Course topics include the rise of photography and the technological reproducibility of images; mass media and the culture industry; technology and globalization; and augmented reality and video games.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2350 (3) Digital Storytelling and Participatory Media (3 hrs Lecture) Digital technology has changed writing, yet the script is still the essence of a story. This course addresses how digital technology has changed how stories are told. It introduces students to digital story composition including autobiography and biography. Students have the opportunity to engage in a variety of digital rhetorics and to develop, design, and produce texts using digital media. In addition, students have the opportunity to critically analyze digital media.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2360 (3) Border Rhetoric (3 hrs Lecture) A border/land is a physically and symbolically fascinating space. It can be one's home, commute, conflict, lifeline, opportunity, or identity. This course introduces students to the concept of border/lands and examines how language, culture, and identity within borderlands shape interactions and power dynamics. It also examines the rhetoric regarding geopolitical conflicts and global migration, which provides students with an opportunity to discuss current global conflicts and the underlying factors. By exploring case studies and analyzing discourse surrounding borders, students gain insights into the multifaceted dimensions of border dynamics, geopolitical tensions, and globally displaced populations.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-2500 (3) Tutoring Writing (3 hrs Lecture) This course introduces students who want to work as tutors to the current theories of tutoring writing, to the protocols and procedures of our Tutoring Centre, and to the specific demands of our students. These demands include writing

in the disciplines and tutoring English-as-an-Additional-Language writers. The course requires delivery of public workshops on writing, as well as contributions to writing centre communities nationally and internationally. As students begin tutoring, they reflect together on their experiences, increasing their resources and tutoring strategies.

Restrictions: Students may not hold credit for this course and EDUC-3301 | EDUC-3303 | EDUC-3305 | RHET-2505 | RHET-2520.

Requisite Courses: Grade of B or better in any section of Academic Writing or in any upper-level course in Rhetoric, Writing, and Communications or permission of instructor [prerequisite(s)].

RHET-2530 (3) Rhetorical Grammar (3 hrs Lecture) 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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3131 (3) Advanced Editing: Principles and Practices (3 hrs Lecture) This course addresses issues such as the negotiation of meaning in text production, changing practices of language use, and the historical and social construction of error (including attitudes about "good taste") through a study of editorial practices. Students apply rhetorical analyses of audience, purpose, genre, and context as they edit various documents to strengthen style and readability as well as to ensure accuracy and correctness. Designed to help students develop sound editorial judgement and practical abilities, the course outlines principles of editorial practice that consider the needs of the reader, improve emphasis, and remedy common stylistic flaws.

Requisite Courses: RHET-2131 or permission of the instructor [prerequisite(s)].

RHET-3132 (3) Directed Readings in Rhetoric and Communications (Directed Reading with variable meeting hours) This course provides students with the opportunity to undertake research in Rhetoric and Communications in their particular areas of interest. Students arrange a program of reading and individual study in consultation with an appropriate instructor.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3133 (6) Directed Readings in Rhetoric and Communications (Directed Reading with variable meeting hours) This course provides students with the

opportunity to undertake research in Rhetoric and Communications in their particular areas of interest. Students arrange a program of reading and individual study in consultation with an appropriate instructor.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3139 (3) Rhetorics of Visual Representation (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and RHET-2139.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3153 (3) Studies in the Rhetorics of Gender (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and WGS-3153.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3154 (3) The New Journalism (3 hrs Lecture) "New Journalism" arose in the 1960s when Truman Capote, Tom Wolf, Joan Didion, Hunter S. Thompson, and others began to infuse their reporting with rhetorical and literary technique, creating a hybrid genre of reportage that was both factual and artistic. They dethroned the novel as the most prestigious outlet for imaginative literary talent in their generation and instigated the first powerful renewal of North American letters in fifty years. The course includes works of both early and later periods of this movement, and considers a number of critical and theoretical statements about its practice.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3155 (3) Environmental Communication (3 hrs Lecture) This course explores the growing field of environmental communication as practiced in professional environments. It examines the role of media, communication, and rhetoric in raising awareness about environmental and sustainability issues. Students discuss how different forms of media impact our ability to address environmental problems and the role communication and rhetoric play in contemporary environmental activism, science communication, environmental journalism, public relations, political communications, and the promotion of sustainable behaviour. It draws on diverse approaches to identify potential best practices for communicating about environmental issues with a variety of target audiences through different media.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3156 (3) Transnational and Intercultural Language and Communications (3 hrs Lecture) This course looks at the origins and development of language from a historical perspective and moves into specific case studies of unilingual, bilingual, and multilingual groups, their languages, how they communicate, and representational media used by the group. We focus closely on how groups communicate with one another, often by using common languages and the practice of translation, and how groups use languages to represent their culture to other groups and within the group. Central to such transnational and intercultural communication is the representation of identity and heritage. As languages change, identity changes also occur.

Cross-listed: LING-3106(3).

Requisite Courses: Any section of Academic Writing (or exemption from the writing requirement) and completion of 24 credit hours [prerequisite(s)].

RHET-3158 (3) The Culture Wars (3 hrs Lecture) This course introduces students to the nature of communication in a divided society. Students consider the challenges that cultural, conceptual and more diversity pose to democratic dialogue and civic engagement. They consider first historical background that explains the contemporary culture wars. They then evaluate a series of recent case studies concerning moral conflict and communication breakdown. The aim is to get students to think critically about what communication means in the absence of a shared vocabulary and what kind of dialogue is appropriate for a radically diverse society.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3250 (3) Composition Studies (3 hrs Lecture) 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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3255 (3) Narrative Thinking and Writing (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and ENGL-2150 | RHET-2150.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3320 (3) Forms of Inquiry in Written

Communication (3 hrs Lecture) 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 1960s 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.

Restrictions: Students may not hold credit for this course and RHET-4320.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3321 (3) Composing Our Winnipeg: Rhetoric of/and the City (3 hrs Lecture) In this course, we consider how our city has been written so far, and how its culture(s) and geography are a function of confrontations between language, cultures of poverty and power, and complex institutional decision-making. Rather than ignoring or mythologizing inequities -- endorsing uncomfortable silences and uneasy confrontations as our *cityspeak* -- we consider some material realities and social myths that shape our thinking about Winnipeg centre and neighbourhoods: who are we, what do we do, who moves in and out? From this interaction of real and imagined city,

we compose a *third space* that signifies what the city can be.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3329 (3) Writing for Scholarly Audiences (3 hrs Lecture) This course addresses the varieties of scholarly discourse: why academics write and speak in a particular way, and how the contexts of political and economic environments that surround a university affect textual production. By reading and analyzing representative texts of various disciplines, students will learn to recognize and practice the sort of rhetoric used by academics. The goals of this course are threefold: (1) to increase students' awareness of norms and disciplinary conventions; (2) to help prepare students for advanced scholarship; and (3) to learn more about the pragmatic components involved in writing, thinking, and speaking at an academic level. In exceptional cases, this course may be taken to satisfy the Academic Writing requirement with permission of the Instructor and Chair.

Restrictions: Students may not hold credit for this course and ENGL-2110 | ENGL-2129 | ENGL-2130 | ENGL-2181 | RHET-2129 | RHET-2130.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3330 (3) Investigative Journalism (3 hrs Lecture)

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.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3331 (3) Writing Internship

(Apprenticeship/Internship/Practicum with variable meeting hours) The Writing Internship involves a placement with a community organization. Students learn how to write for audiences outside of the academy, follow specific ethical guidelines for writing and produce a range of written texts. The specifics of each internship are determined in consultation between the community organization, the student-intern, the university's internship coordinator, and the instructor. Training and supervision for the work components are provided by the community organization and academic oversight are provided by the instructor. Assessment for the Writing Internship is Pass/Fail, based on performance evaluation by the community organization and academic writing demonstrating learning from the experience.

Restrictions: Instructor Permission Required.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 30 credit hours (which may include cognate courses) [prerequisite(s)].

RHET-3340 (3) Technical and Professional Communication (3 hrs Lecture) This course provides an overview of the emerging field of organizational communication and an introduction to the ways in which a variety of rhetorical theories explain the strategic choices available to professional and technical communicators. Students analyze various artefacts of organizational communication, as well as plan, draft, edit, and design a range of professional and technical documents, such as business correspondence, proposals, and reports. The assignments stress the importance of a critical analysis of purpose, situation, context, and readership for making effective, appropriate, and ethical choices as technical and professional communicators. Uses and design of electronic correspondence and on-line information are discussed.

Restrictions: Students may not hold credit for this course and RHET-2140.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3450 (3) Critical Studies of Social Media (3 hrs Lecture/Seminar) Social media and social networking websites structure many of our experiences of the world, ourselves, and the culture that surrounds us. This course takes a critical, cultural, and rhetorical approach to the study of social media. Topics include the rhetoric of the public profile and persuasive constructions of social media selfhood and identity curation; the language and meaning of social media "friendship" and "publicity;" questions about the rhetoric of privacy under conditions of constant surveillance; the relationship between discourse, algorithms, and platform logics; and the role of social media in framing the world of meaning and public discourse.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3460 (3) Games and the Rhetoric of Play (3 hrs Lecture) This course introduces students to humanities-based game studies, focusing on rhetorical studies of game design, game writing, and play as a medium of communication. Topics may include the debate between ludological (rule-based) and narratological (story-based) approaches, procedural studies, platform and software studies, gamification, games and adaptation studies, and games as rhetorical objects. This course examines games as a discipline in its own right. While it is not a course in game design or programming, students have the opportunity to create their own games and reflect upon them from the perspectives of rhetorical criticism, design, and play.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement [prerequisite(s)]; and completion of 24 credit hours [prerequisite(s)].

RHET-3750 (3) Classical Rhetoric: History, Theory and Practice (3 hrs Lecture) This course examines the history,

theory, pedagogy, and practices of the classical period of western rhetoric, extending from Homer's *Iliad* and *Odyssey* of the eighth-century BCE to the rhetorical thinkers of the first-century CE. Students discuss the work of such canonical figures as Gorgias, Plato, Aristotle, Cicero, and Quintilian, locating them within the intellectual, political, and historical influences of their time. Always, the focus is rhetorical, students locating the origins of many rhetorical concerns in the classical period and tracing how these concepts, terminologies, and techniques persist and change throughout the ages.

Cross-listed: CLAS-3750(3).

Restrictions: Students may not hold credit for this course and CLAS-3750.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-3900 (3) Topics in Rhetoric, Writing, and Communication (3 hrs Lecture) This course offers a study of an area of rhetoric, writing, or communications not covered by the general courses in the department. Depending on the particular expertise or research interests of a given instructor, it may, for instance, centre on the rhetorics of a particular genre, a particular political focus, or a given thematic. The course also allows students to explore a given theoretical approach at a more advanced level than they might in other offerings. This course may be repeated for credit when the topic varies.

Requisite Courses: Any section of Academic Writing or exemption from the writing requirement and completion of 24 credit hours [prerequisite(s)].

RHET-4138 (3) Modern Rhetorical Theory (3 hrs Seminar/Discussion) This course provides an overview of modern rhetorical theory. It covers several major figures and schools of thought from the twentieth century to the present. Contemporary themes addressed include power, politics, democracy, science, religion, art, media, and popular culture. Students learn how to apply the theories learned in class to everyday life. The aim of the course is to help students become more critically aware of the complexities of our social and symbolic universe.

Restrictions: Students may not hold credit for this course and the former RHET-3138.

Requisite Courses: Completion of 42 credit hours [prerequisite(s)].

RHET-4150 (3) Studies in the Rhetoric of Nonfiction (3 hrs Seminar/Discussion) This course examines nonfiction as a creative, constructive art that draws on a wide range of literary and rhetorical resources to entertain, inform, and persuade readers. Nonfiction encompasses a variety of genres--travel and adventure literature, memoir and biography, nature writing, the personal essay, the polemical essay, and New Journalism. The focus in any given year depends on the instructor's interests and selection of readings. 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. The course involves intensive close reading and examination of assigned texts using literary

and rhetorical approaches. The class consists of short lecture presentations and a great deal of class discussion.

Restrictions: Students may not hold credit for this course and the former RHET-3150.

Requisite Courses: Completion of 42 credit hours [prerequisite(s)].

RHET-4151 (3) Critical Theories of Discourse and Ideology (3 hrs Seminar/Discussion) Critical theories of discourse and ideology 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. This course engages students in an intensive study of theories of discourse and ideology, and the rhetorical strategies used for writing about and critiquing ideological texts in the media. Using examples from contemporary media, it focuses on theories of rhetoric, discourse, and ideology that may be used for critiquing ideological texts and the ways that modern mass media use rhetoric, language, and images to reproduce forms of power.

Restrictions: Students may not hold credit for this course and the former RHET-3151.

Requisite Courses: Completion of 42 credit hours [prerequisite(s)].

RHET-4152 (3) Digital Rhetorics (3 hrs Seminar/Discussion) This course introduces students to the basic themes, issues, and intellectual debates in the study of digital rhetorics. It provides a critical perspective on what it means to live in a digitally mediated world. To this end, the course seeks to answer the following questions: How should we define media? What separates new media from old? What is the relationship of media to culture and society? What role does digital rhetoric play in a modern democracy? Students explore a variety of perspectives for considering digital rhetorics, including language, ethics, power, and identity.

Restrictions: Students may not hold credit for this course and the former RHET-3152.

Requisite Courses: Completion of 42 credit hours [prerequisite(s)].

RHET-4401 (3) Rhetoric of the Public Sphere (3 hrs Seminar/Discussion) This course adopts a rhetoric and communications framework for the purpose of conducting an intensive study of the concept of the public sphere, everyday processes of communal discourse and negotiation. It examines written, spoken, visual, gestural, and other texts that mediate relations among people in civic spaces. It may include such topics as the definition of the term "public sphere," the history of public discourse, the relationship between state and civil society, the ethics of public texts and power, the impact of the media in narrating public events, and the textual "handling" of social tensions.

Restrictions: Students may not hold credit for this course and the former RHET-3401.

Requisite Courses: Completion of 42 credit hours [prerequisite(s)].

RHET-4420 (3) Rhetorics of Identity (3 hrs Seminar/Discussion) This course undertakes an intensive study into the symbolic mediation of identity. It examines

how symbolic systems reflect, produce, and challenge such concepts as gender, race, ethnicity, sexuality, class, ability, age, nationality, and humanness. Drawing connections between discourses and privilege, the course also explores power and identity politics, examining the reciprocal relationship between symbols and ideology. Its topics may include the performance and circulation of digitally mediated identities, constitutive rhetoric, rhetoric of the body, civic identity, and the post-human.

Restrictions: Students may not hold credit for this course and the former RHET-3420.

Requisite Courses: Completion of 42 credit hours [prerequisite(s)].

RHET-4900 (3) Honours Thesis in Rhetoric and Communications (3 hrs Project / Thesis) The Honours Thesis in Rhetoric and Communications is taught on an individual basis through an arrangement between the professor and student. The student completes an Honours thesis under the mentorship of a supervising faculty member in the Department of Rhetoric, Writing, and Communications. The thesis may develop out of the student's prior work in Rhetoric and Communications. The Honours thesis is optional and may be taken in partial fulfillment of credit hours required for the Honours BA in Rhetoric and Communications. Students enrolling in the Honours Thesis must be registered in the Honours BA program in Rhetoric and Communications.

Requisite Courses: Must be registered in the Honours BA Rhetoric and Communications program and have completed at least 6 credit hours in RHET at the 4000-level and at least 42 credit hours [prerequisite(s)].

SOCIOLOGY

SOC-1006 (3) Beginnings in Law and Criminology (3 hrs Lecture) 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-1100 (3) Introduction to Sociology I: Concepts and Methods (3 hrs Lecture) This course provides an introduction to the discipline of sociology. Topics include classical and contemporary sociological theory, quantitative and qualitative methodologies, and the foundational concepts of social structure, culture, and socialization.
Restrictions: Students may not hold credit for this course and SOC-1101 | SOC-1105.

SOC-1102 (3) Introduction to Sociology II: Applications (3 hrs Lecture) This course applies sociological concepts and methodologies to the study of contemporary society. Topics may include class inequality, gender, race and ethnicity, work, technological change, immigration, globalization, medicine, crime and deviance, and social media. This course is required of all sociology majors and minors.
Restrictions: Students may not hold credit for this course and SOC-1101
Requisite Courses: SOC-1100(3) [prerequisite(s)].

SOC-2000 (3) Sociology of Sport (3 hrs Lecture) 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.
Requisite Courses: SOC-1100 or SOC-1101 or KIN-1101 [prerequisite(s)].

SOC-2001 (3) Sociology of Leisure (3 hrs Lecture) This course analyzes the nature and extent of leisure phenomena in contemporary society. Topics to be covered include institutions, aspects of formal organizations, social roles, and social research strategies.
Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2010 (3) Classical Sociological Theory (3 hrs Lecture) This course provides an introduction to the foundational thinkers in social and economic theory, each of whom helped lay the foundations for all subsequent social thought. Students undertake an in-depth examination of classical sociological ideas from theorists such as August Comte, Emile Durkheim, Karl Marx, Friedrich Engels, Max Weber, Harriet Martineau, W.E.B. Du Bois, and Georg Simmel. This course is required of all majors and honours students and it is a prerequisite for SOC-2011(3) 20th Century Sociological Theory and SOC-2012(3) Contemporary Sociological Theory.
Restrictions: Students may not hold credit for this course and SOC-2114.
Requisite Courses: SOC-1100 or SOC-1101

[prerequisite(s)].

SOC-2011 (3) 20th Century Sociological Theory (3 hrs Lecture) An in-depth examination of early to mid-20th century sociological ideas, this course provides an overview of thinkers in social theory, each of whom helped lay the foundations for subsequent social thought in Europe and North America. Theorists covered may include: Antonio Gramsci, Norbert Elias, C. W. Mills, Emma Goldman, Frantz Fanon, Talcott Parsons, Robert Merton, Erving Goffman, Edwin Sutherland, Howard Garfinkel, Harold Becker, George Herbert Mead, Herbert Blumer, Georg Lukacs, Theodor W. Adorno, Max Horkheimer, Herbert Marcuse, Ralf Dahrendorf, Ralph Miliband, and Peter Berger and Thomas Luckmann. Students are encouraged to take SOC-2011(3) prior to taking SOC-2012(3).

Restrictions: Students may not hold credit for this course and SOC-2114.

Requisite Courses: SOC-1100 (or SOC-1101) and SOC-2010 [prerequisite(s)].

SOC-2012 (3) Contemporary Sociological Theory (3 hrs Lecture) An in-depth examination of middle and late-20th century and contemporary sociological ideas which may include those of: Edward Said, Anthony Giddens, Jurgen Habermas, Ulrich Beck, Pierre Bourdieu, Stuart Hall, Michel Foucault, Manuel Castells, Patricia Hill Collins, Niklas Luhmann, Dorothy Smith, Jean-François Lyotard, Zygmunt Bauman, Jacques Derrida, Judith Butler, Donna Haraway, Loïc Wacquant, Bruno Latour and Slavoj Žižek.

Restrictions: Students may not hold credit for this course and SOC-2114.

Requisite Courses: SOC-1100 (or SOC-1101) and SOC-2010 [prerequisite(s)].

SOC-2101 (3) Social Inequality in the Era of Globalization (3 hrs Lecture) 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".
Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2103 (3) Sociology of Families (3 hrs Lecture) This course examines the traditional nuclear family in Western industrialized societies and its various forms. Particularly, families are treated as social relationships and, how these relationships are established, challenged, broken up and re-built are examined. Topics covered include theories on families, dating, family formation, domestic work, domestic violence, divorce, single, and step families. Gender perspectives are applied in this course.

Note: Students may not receive credit for SOC-2103(3) and the former SOC-2103(6).

Requisite Courses: SOC-1100 or SOC-1101 or WGS-1232 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the

Sociology Department Chair) [prerequisite(s)].

SOC-2104 (3) Sociology of Work (3 hrs Lecture) This course focuses on topics and concepts that are essential to a sociological understanding of work and occupations, while enabling students to gain insight into their own relationship with the world of work. A central proposition of this course is that work is fateful for our social lives, meaning our attitudes, behaviours, and options towards work are entwined with our social environment. While the main focus is on work in contemporary Canada, including technological developments, credentialism, precarious work, work-life balance, and labour activism, this course also examines how work has changed historically and how it differs across societies and cultures.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2105 (6) Race, Ethnic and Indigenous Relations (3 hrs Lecture) This course answers the call for sociology to end its "complicity in the elimination of the native." It explores how settler-colonial frameworks inform the experience of Indigenous peoples. Sociology is examined as an extension of settler-colonial logics and power structures. The scholarship of Indigenous academics is the focus of the course, as students systematically examine major theories of racism. Contemporary issues covered in the course are defined as those elements of modernity which intersect in the lives, traditions, and future of Indigenous peoples (e.g., politics, media).

Requisite Courses: SOC-1100 or SOC-1101 (Declared majors in Indigenous Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2107 (3) Criminological Theory (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2108 (3) Sociology of Deviance (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2109 (3) Social Policy and Social Welfare (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2115 (6) Sociology of Socialization and Development (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 (Declared Majors in Developmental Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-2118 (3) Sex and Gender Relationships (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 or WGS-1232 or permission of the instructor [prerequisite(s)].

SOC-2119 (3) Sociology of Law (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2125 (3) Introduction to Quantitative Research Methods (2 hrs Lecture | 2 hrs Lab) This course is an introduction to the use of descriptive and inferential statistics in the social sciences, with an emphasis on sociology. Students are 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.

Note: This course meets the University Science Requirement.

Requisite Courses: SOC-1100(3), or the former SOC-1101(6), or KIN-1101(3), or CJ-1002(3), or the former CJ-1101(6) [prerequisite(s)]; SOC-2125L (lab) (must be taken concurrently).

SOC-2126 (3) Introduction to Research Design and Qualitative Research (2 hrs Lecture | 2 hrs Lab) 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.

Requisite Courses: SOC-1100(3) or the former SOC-1101(6), or KIN-1101(3), or CJ-1002(3), or the former CJ-1101(6) [prerequisite(s)]; SOC-2126L (lab) (must be taken concurrently).

SOC-2201 (3) Sociology of Aging (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2202 (3) Changing Patterns of Aging (3 hrs Lecture) 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 alternative lifestyles in later life.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2205 (3) Sociology of Power and Money (3 hrs Lecture) This course examines the relation between capitalism and the social relations, ideologies, and processes of socialization characteristic of contemporary society. Topics include work and technological change, the class structure, the state and globalization, consumerism, and the environment.

Restrictions: Students may not hold credit for this course and SOC-3204.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2208 (3) Women, Crime, and Social Justice (3 hrs Lecture) 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 is placed on the feminist scholarship that addresses these issues.

Restrictions: Students may not hold credit for this course and SOC-3208.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2209 (3) Sociology of Youth Justice (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and SOC-3201.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2210 (3) Sociology of Crime and Punishment (3 hrs Lecture) 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.

Restrictions: Students may not hold credit for this course and SOC-3203.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2211 (3) White Collar and Corporate Crime (3 hrs Lecture) 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

Restrictions: Students may not hold credit for this course and SOC-3213.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2212 (3) Sociology of the Body (3 hrs Lecture) 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 examines the human body from a number of different perspectives and studies the body as a site of social interaction. This course surveys the history of thinking about the body, the body as a reflection of society and theories of corporeal representation.

Restrictions: Students may not hold credit for this course and SOC-3212.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2214 (3) Sociology of Media (3 hrs

Lecture/Seminar) This course examines the social implications of developments in communications and media technologies. Course material focuses on Canadian mass communications and media in an increasingly globalized context. Topics of study include the construction of social reality through communications and media, theoretical perspectives on production and reception, critical analyses of communication industry policy and ownership, news media and journalism, globalization and mass media culture, media representations of war and conflict, and political activism in new media.

Restrictions: Students may not hold credit for this course and SOC-3214.

Requisite Courses: SOC-1100 or SOC-1101 (Declared Majors in Rhetoric, Writing, and Communications or the UW/RRC Joint Communications Degree/Diploma may have the requisite waived by obtaining permission of the Sociology Department Chair.) [prerequisite(s)].

SOC-2307 (3) Sociology of Youth (3 hrs Lecture)

Analyzing youth in contemporary society, this course explores their problems and roles in the family, education, the economy, politics and government, youth organizations, sub-cultures and social movements.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2308 (3) Critical Social Issues I (3 hrs Lecture)

Using a sociological perspective, this course examines issues of current social controversy. (A more detailed description will be available in the Department Office during the terms in which the course is offered.)

Note: This course may be repeated for credit when the topic varies.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2402 (3) Animals in Society (3 hrs Lecture) This course examines the relationship between humans and non-human animals, looking at the historical development of this relationship and various theoretical approaches to it. Through an examination of ideas such as anthropocentrism, it looks at the social construction of animals, the ways in which they are symbolically transformed, presented, and represented as part of human culture, through a human lens.

Restrictions: Students may not hold credit for this course and SOC-3401.

Requisite Courses: SOC-1100 or SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-2404 (3) Sociology of Development and

Underdevelopment (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101

[prerequisite(s)].

SOC-2408 (3) Critical Social Issues II (3 hrs Lecture)

Using a sociological perspective, this course examines issues of current social controversy. Potential topics include neofascism, power and terrorism, mental health/illness, and the social impact of pandemics. (A more detailed description will be available in the Department Office during the terms in which the course is offered.)

Note: This course may be repeated for credit when the topic varies.

Requisite Courses: Take SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-2501 (3) Technology and Society (3 hrs Lecture)

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.

Requisite Courses: SOC-1100 or SOC-1101 or ENV-1600 [prerequisite(s)].

SOC-2502 (3) Sociology of the Environment (3 hrs

Lecture) 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.

Cross-listed: ENV-2502(3).

Restrictions: Students may not hold credit for this course and ENV-2502.

Requisite Courses: SOC-1100 or SOC-1101 or ENV-1600 [prerequisite(s)].

SOC-3002 (3) Comparative Genocide (3 hrs Lecture)

Comparative Genocide critically reviews central themes of genocide studies and describes an array of new directions in the field, including cultural genocide, gender and genocide, and structural violence. This course is case-study focused, seeking to place both established and less established cases of genocide in a wider comparative perspective. Cases analyzed may include genocide of Indigenous Peoples in North America and other settler societies, the Nazi Holocaust, the Armenian genocide, the Sri Lankan genocide, the Rwanda genocide, among others. Cases covered vary from year-to-year.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3003 (3) Gendercide (3 hrs Lecture)

This course examines gendercide in a comparative and global-sociological perspective. It explores two central propositions: that the framing should be an inclusive one, encompassing the experiences of both women/girls and

men/boys and that recognition and amelioration of the phenomenon is a matter of the highest urgency. Themes may include theories of genocide, sexual violence as a genocidal weapon, and the relevance of feminist and masculinity studies literatures for the study of genocide. Case studies vary from year-to-year.

Cross-listed: HR-3003(3).

Restrictions: Students may not hold credit for this course and HR-3003.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3102 (6) Sociology of Medicine (3 hrs Lecture)

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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3104 (6) Globalization and Societies in the World System (3 hrs Lecture)

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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3115 (3) Political Sociology (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3118 (6) Women in Society (3 hrs Lecture) 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.

Requisite Courses: SOC-1100 or SOC-1101 or WGS-1232 or permission of the instructor [prerequisite(s)].

SOC-3123 (3) Crime, Victimization, and Justice in Indigenous Communities (3 hrs Lecture)

This course involves the study of adult and youth crime, victimization and justice in Indigenous communities. It involves the study of various types of programs (e.g., sentencing circles) developed by Indigenous communities to facilitate culturally appropriate justice programs and their impact upon community development.

Requisite Courses: SOC-1100 or SOC-1101 (Declared majors in Indigenous Studies may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3128 (3) Sociology of Sexuality (3 hrs Lecture)

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.

Requisite Courses: SOC-1100 or SOC-1101 or WGS-1232 [prerequisite(s)].

SOC-3205 (3) Policing, Governance and Security (3 hrs Lecture)

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.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3210 (3) Critical Studies in Medicine and Psychiatry (3 hrs Lecture)

This course provides a sociological approach to understanding the power of medicine and psychiatry in modern society. Topics include cross-cultural differences in conceptions of normal and abnormal, the social history of psychiatric institutions, gender and mental health, social factors contributing to mental and emotional problems, suicide, the experience of psychiatric survivors and patients, the mental health crisis of prisoners, the social construction of mental pathology, the organization and effectiveness of treatment programs, human rights and psychiatric abuses, and the psychopharmaceutical industry.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3215 (3) Popular Culture (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion)

This course examines the construction of social reality through the dynamics of popular culture. Course material focuses on North American popular culture in an increasingly globalized context. Topics include the history and politics of high and low culture, cultures of consumerism, advertising, public space, identity and popular culture, subcultures and countercultures, culture jamming, postmodern strategies of

representation, and political activism in popular culture.

Note: Students who obtained credit in the former SOC-3209(6) may not receive credit for this course.

Requisite Courses: SOC-1100 or SOC-1101 or ENGL-2145 or WGS-2260. (Declared Majors in Rhetoric, Writing, and Communications or the UW/RRC Joint Communications Degree/Diploma may have the requisite waived by obtaining permission of the Sociology Department Chair) [prerequisite(s)].

SOC-3223 (3) Green Criminology (3 hrs Lecture) This course examines the history and contemporary nature of 'green' (environmental) criminology harms as well as the diverse strategies developed to protect the environment. It explores the way in which governments, transnational corporations, military apparatuses, and ordinary people going about their everyday activities routinely harm the environment, ecology and animals. Topics include the social construction of environmental problems, pollution, illegal disposal of waste, animal rights, the prosecution of specific environmental offences, the regulation of environmental activities, environmental risk, and transnational offences. Students may also be interested in CJ/SOC-3233, which covers different material.

Cross-listed: CJ-3223(3).

Restrictions: Students may not hold credit for this course and CJ-3223.

Requisite Courses: SOC-1100(3) or the former SOC-1101(6), or CJ-1002(3) or the former CJ-1101(6), or permission of the instructor [prerequisite(s)].

SOC-3233 (3) Green Justice (3 hrs Lecture) This course examines inequalities across race, gender, class and locality in relation to environmental problems such as toxic waste disposal, air pollution, climate change, deforestation, and environmental disasters. It also examines the response to these inequalities in the form of local and global movements, protests, and politics. Topics include: the history of green justice; how green justices are created; differential exposure to environmental risks; the impact of green inequalities and the various responses to green injustices. Students may also be interested in CJ/SOC-3223, which covers different material.

Cross-listed: CJ-3233(3).

Restrictions: Students may not hold credit for this course and CJ-3233.

Requisite Courses: SOC-1100(3) or the former SOC-1101(6), or CJ-1002(3) or the former CJ-1101(6), or permission of the instructor [prerequisite(s)].

SOC-3301 (3) Family and Work: Current Issues (3 hrs Lecture) The connection between family living and work activity is fundamental to the well-being of most people. In this course, students will study the social distribution of work, work within families, family members' work outside of the home, family/work conflicts, family diversity and work patterns and government work policies. The focus of this course will be on Canadian families, but will also include research in other countries relevant to Canadian experience. The emphasis will be on current issues.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3303 (3) Globalization and Families (3 hrs Lecture) Students learn about the connections between families and other social institutions such as social networks, the nation state, work, religion, health, and technologies in the context of globalization. The course also covers topics of poverty of and inequalities between families and the changing family systems in different regions of the world.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3304 (3) Immigrant Families (3 hrs Lecture) This course systematically discusses the unique dynamics of families of recent immigrants in their process of immigration and integration into Canadian society. Topics covered are diverse family forms, family formation, spousal relations, intergenerational relations, older immigrants and elderly care, transnational kinship, and fertility. Since immigrant men and women face dissimilar challenges, a gender perspective is applied through the course. This course aims to assist students of immigrant families to cope with the unique challenges they face and to facilitate students of public services, education, social work, policing, etc. to provide more culturally sensitivity services.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3305 (3) International Migration (3 hrs Lecture) This course systematically investigates the issues of international migration in the modern world from a sociological perspective. The main goal of this course is to provide students with an understanding of the emerging global dynamics of migration and its consequences for migrants and non-migrants everywhere in a comparative perspective. Various migratory movements and settlement patterns in different regions and countries are discussed. Some special attention is also given to Canadian experience so that students can develop a better understanding of immigration and settlement issues of Canada in a global context.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3333 (3) Liberation Sociology & Public Sociology (3 hrs Lecture/Seminar) This lecture/seminar course emphasizes expanding the disciplinary boundaries of sociology in order to engage with non-academic audiences, teaching students how to make sociological knowledge public. Many examples of liberation/public sociologists, who are working to solve some of society's most intractable problems, are provided. Through a major project, students engage with non-academic audiences.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-3402 (3) Critical Animal Studies (3 hrs Lecture) This course offers a critical analysis of the exploitation of animals in the context of global capitalism and environmental destruction. Current developments within the field of critical animal studies are shifting the ways that humans view issues such as the captivity of animals and their use in food production. Critical animal studies calls for a change in the way we conceptualize and act towards

animals, moving animals from the margins to the center of scholarship, and advocating for animal rights. Students may also be interested in SOC-3401, which covers different material.

Requisite Courses: SOC-1100 or SOC-1101 or permission of the instructor [prerequisite(s)].

SOC-4101 (3) Seminar in Social Stratification (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-4116 (3) Seminar in Quantitative Research

Methods (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6) [prerequisite(s)].

SOC-4126 (3) Seminar in Qualitative Research

Methods (3 hrs Seminar/Discussion) 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 firsthand 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-2125(3) and SOC-2126(3) or the former SOC-2106(6) [prerequisite(s)].

SOC-4201 (3) Selected Topics I (3 hrs

Seminar/Discussion) The content of the Selected Topics Course varies from year to year.

Restrictions: Instructor Permission Required.

SOC-4202 (3) Selected Topics II (3 hrs

Seminar/Discussion) The content of the Selected Topics course varies from year to year.

Restrictions: Instructor Permission Required.

SOC-4401 (3) Seminar in Sociological Theory (3 hrs

Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100(3) or the former SOC-1101(6); plus SOC-2010(3) and either SOC-2011(3) or SOC-2012(3), or the former SOC-2114(6) [prerequisite(s)].

SOC-4405 (6) Honours Research Paper (3 hrs Project / Thesis) 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.

Restrictions: Honours Form Required.

SOC-4406 (3) Seminar in Sociology of Law and Criminology (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-4408 (3) Seminar in Socialization and Development (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-4409 (3) Seminar in the Sociology of Science, Medicine, and Technology (3 hrs Seminar/Discussion)

This course examines major theoretical developments and trends in the interrelated areas of science, medicine and technology. Topics include the political economy of medicine, social history of medicine, bioethics and biopolitics, the pharmaceutical industry, medical imaging and graphics technologies, genetic engineering, the social studies of science and technology, and the sociology of scientific knowledge.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-4412 (3) Seminar in Sociology of Families (3 hrs

Seminar/Discussion) This course is an advanced study of the sociology of families with a major focus on theoretical approaches to the study of families; an examination of internal processes of families; 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 or WGS-1232 [prerequisite(s)].

SOC-4413 (3) Seminar in Race and Ethnic Relations (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-4414 (3) Seminar on Women in Society (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 or WGS-1232 [prerequisite(s)].

SOC-4415 (3) Seminar on Sociology of Culture (3 hrs Seminar/Discussion) 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.

Restrictions: Instructor Permission Required.

Requisite Courses: SOC-1100 or SOC-1101 [prerequisite(s)].

SOC-4800 (6) Field Research Placement

(Apprenticeship/Internship/Practicum) 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.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: SOC-2125 and SOC-2126 and permission of the instructor [prerequisite(s)].

SPANISH STUDIES

SPAN-1001 (6) Introductory Spanish (3 hrs Lecture | 1 hrs Lab) 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.

Note: Native speakers of Spanish or students who have standing in Spanish 40S or equivalent are not eligible to take this course.

Requisite Courses: SPAN-1001L (lab) (must be taken concurrently).

SPAN-2001 (6) Intermediate Spanish (3 hrs Lecture | 1 hrs Lab) 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.

Note: 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.

Requisite Courses: SPAN-1001, Spanish 40S or permission of the Department [prerequisite(s)]; SPAN-2001L (lab) (must be taken concurrently).

SPAN-2109 (3) Advanced Intermediate Spanish I (3 hrs Lecture) This course is designed to help students make the transition from the intermediate to the advanced level. It continues to develop intermediate skills in reading, writing, speaking and listening. It provides a review of pronunciation and grammar with particular attention paid to the use of the subjunctive mood and complex sentences. This is combined with extensive writing practice and conversation about contemporary issues relating to the Spanish-speaking world. Students improve proficiency by further developing their communicative competence while expanding their social and cultural awareness.

Requisite Courses: SPAN-2001 or permission of the Department Chair [prerequisite(s)].

SPAN-2110 (3) Intermediate Written Expression (3 hrs Lecture) 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.

Requisite Courses: SPAN-2109 or permission of the Department Chair [prerequisite(s)].

SPAN-2114 (3) English>Spanish Translation (3 hrs Lecture) 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).

Requisite Courses: SPAN-2109 or SPAN-2110, or permission of the instructor [prerequisite(s)].

SPAN-2115 (3) Spanish>English Translation (3 hrs Lecture) 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.

Requisite Courses: SPAN-2109 or SPAN-2110 or permission of the instructor [prerequisite(s)].

SPAN-2180 (3) Introduction to Hispanic Literature (3 hrs Lecture) 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.

Requisite Courses: SPAN-2001 or permission of the instructor [prerequisite(s)].

SPAN-2181 (3) The Hispanic American Short Story (3 hrs Lecture) This course allows students to develop an appreciation of the diversity of literature of the Hispanic world through the study of representative short stories from authors of Latin American countries such as: Juan Rulfo (Mexico), Gabriel García Márquez (Colombia), Baldoмерo Lillo (Chile), Isabel Allende (Chile) among others. Through the reading of these short stories, students are able to expand their Spanish language lexicon, increase their cultural knowledge of the regions as well as augment their historical sociopolitical awareness of the countries of the authors studied. Course approaches include close textual reading of the texts, vocabulary development, and photographs and films on the cultural and historical backgrounds of the works selected.

Requisite Courses: SPAN-2001 or permission of the instructor [prerequisite(s)].

SPAN-2384 (3) Modern Spanish Literature and Culture (3 hrs Lecture) 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, Camilo José Cela, Carmen

Laforet, and Antonio Buero Vallejo.

Requisite Courses: SPAN-2001 or permission of the instructor [prerequisite(s)].

SPAN-2385 (3) Postmodern Spanish Literature and Culture (3 hrs Lecture) This course offers a critical study of representative works by Spanish novelists, poets and dramatists after 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 Benet, Juan Goytisolo, José Ángel Valente and Carmen Martín Gaité.

Requisite Courses: SPAN-2001 or permission of the instructor [prerequisite(s)].

SPAN-2386 (3) Introduction to Hispanic Cinema (3 hrs Lecture) This course traces the evolution of Spanish and Latin American cinema. The development of the Hispanic cinematic canon is explored through the critical analysis of representative films by renowned directors such as Luis Buñuel, Víctor Erice, Pedro Almodóvar, Adolfo Aristarain, Pablo Larraín, and Alejandro González Iñárritu. 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 exposed to the social realities of contemporary Spain (e.g., national stereotypes, European integration, racism, immigration, gender identities) as depicted in films.

Requisite Courses: SPAN-2001 or permission of the instructor [prerequisite(s)].

SPAN-2710 (3) Classics of Spanish Literature (3 hrs Lecture) In this course students study three classics of Spanish literature: *The Life of Lazarillo de Tormes*, by an anonymous author; the first part of *Don Quixote*, by Miguel de Cervantes Saavedra; and *Life is a Dream*, by Pedro Calderón de la Barca. Students discuss and analyze the historical, socio-cultural, intertextual, metatextual, and self-referential implications of these works, as well as their influence in other arts such as painting and cinema. Students in SPAN-2710 read the texts in English translation and write in English. The language of lectures is English.

Cross-listed: ENGL-2710(3), MOD-2710(3), SPAN-3710(3).

Restrictions: Students may not hold credit for this course and ENGL-2710 | MOD-2710 | SPAN-3710.

SPAN-3113 (3) Exploring Language and Society Through Texts (3 hrs Lecture) 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.

Requisite Courses: Any 9 credits in Spanish Studies language courses or permission of the instructor [prerequisite(s)].

SPAN-3114 (3) English<>Spanish Interpretation (3 hrs Lecture) Taught in Spanish, this course introduces the basic techniques of consecutive and simultaneous interpretation (spoken translation) from English into Spanish and Spanish into English. Students focus on cross-cultural communication problems and develop skills through a variety of topics, style, and registers. The skills practiced in this course are applicable to various fields of interpretation (e.g., conference, legal, and medical).

Requisite Courses: SPAN-2114 or SPAN-2115 or permission of the instructor [prerequisite(s)].

SPAN-3181 (3) Modern Latin American Literature (3 hrs Lecture) 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 (Colombia). 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.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level, or permission of the instructor [prerequisite(s)].

SPAN-3182 (3) Spanish Literature of the Golden Age (3 hrs Lecture) 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 Garcilaso de la Vega, San Juan de la Cruz, Santa Teresa de Jesús, Cervantes, Góngora, Quevedo, Calderón de la Barca, Lope de Vega and Tirso de Molina. Special emphasis is placed on the study of *Don Quijote de la Mancha*, the first modern novel of Western literature.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level, or permission of the instructor [prerequisite(s)].

SPAN-3184 (3) The Latin American Novel (3 hrs Lecture) This course examines the development of the Latin American novel. Students study important contemporary Latin American writers, such as Isabel Allende, Gabriel Garcia Márquez, Manuel Puig, Juan Rulfo, Carlos Fuentes and Mariano Azuela.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3185 (3) The Spanish Novel (3 hrs Lecture) This course examines and discusses novels written by Spanish authors, such as Miguel de Cervantes, Francisco de Quevedo, Leopolda Alas "Clarín", Benito Pérez Galdós, Juan Valera, Camilo José Cela, and Juan Benet.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3186 (3) Colonial and Nineteenth-Century Latin American Literature in Spanish (3 hrs Lecture) This

course provides a chronological survey of Latin American literature from the end of the 15th century, the age of Spanish colonization, to the 19th century, the heyday and decline of realism and naturalism. Literary movements and their social, political and historical contexts are examined through the analysis of representative texts. Selections are drawn from such authors as Bernal Díaz del Castillo (Spain), El Inca Garcilaso de la Vega (Peru), Sor Juana Inés de la Cruz (Mexico), Simón Bolívar (Venezuela), Esteban Echeverría (Argentina), Gertrudis Gómez de Avellaneda (Cuba), and Daniel Riquelme (Chile).

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3187 (3) Spanish Literature of the Middle Ages

(3 hrs Lecture) This course examines the evolution of Spanish literature from the 11th to 15th century. Authors or works studied will include *El Cantar de Mio Cid*, Don Juan Manuel, *El Arcipreste de Hita*, Jorge Manrique and Fernando de Rojas. Special emphasis is placed on the study of *La Celestina*.

Requisite Courses: Any 9 credits hours in Spanish Studies above the 1000 level or permission of the instructor [prerequisite(s)].

SPAN-3301 (3) History of the Spanish Language (3 hrs

Lecture) 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.

Cross-listed: LING-3505(3).

Restrictions: Students may not hold credit for this course and LING-3505.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000-level, or permission of the instructor [prerequisite(s)].

SPAN-3710 (3) Classics of Spanish Literature (3 hrs

Lecture) In this course students study three classic works of Spanish literature: *La vida del Lazarillo de Tormes*, by an anonymous author; the first part of *Don Quijote de La Mancha*, by Miguel de Cervantes Saavedra; and *La vida es sueño*, by Pedro Calderon de la Barca. Students discuss and analyze the historical, socio-cultural, intertextual, metatextual, and self-referential implications of these works, as well as their influence in other arts such as painting and cinema. Students read the original texts and write in Spanish. The language of lectures is English.

Cross-listed: SPAN-2710(3), ENGL-2710(3), MOD-2710(3).

Restrictions: Students may not hold credit for this course and SPAN-2710 | ENGL-2710 | MOD-2710.

Requisite Courses: Any 9 credit hours in Spanish Studies above the 1000 level, or permission of the Instructor [prerequisite(s)].

SPAN-3910 (3 or 6) Special Topics in Spanish Studies

(3 hrs Directed Reading) In this tutorial, students explore a

topic in Spanish language or literature under the direction of a professor. Examples of possible topics are irrationalism in literature in Spanish language in the 20th century, which includes the mystical and surrealist poetry of Octavia Paz, and the magic realism of Juan Rulfo and Gabriel Garcia Márquez; or, the world famous novel of Miguel de Cervantes entitled *Don Quijote de La Mancha*. This course may be repeated when the topic varies.

Restrictions: Instructor Permission Required.

STATISTICS

STAT-1301 (3) Statistical Analysis I (3 hrs Lecture) This course introduces students in the natural, physical, social and human sciences to elementary statistical analysis and its applications. Topics include: descriptive statistics; probability theory; discrete random variables and their expected values and variances; normal distribution and applications; sampling distributions; estimation of parameters; and statistical inference for one population.

Restrictions: Students may not hold credit for this course and STAT-1401 | STAT-1501.

Requisite Courses: Pre-Calculus Math 40S or Applied Math 40S [prerequisite(s)].

STAT-1302 (3) Statistical Analysis II (3 hrs Lecture) This course is an extension of STAT-1301(3). Topics include: review of statistical inference for one population; statistical inference for two populations; chi-square tests; analysis of variance; goodness-of-fit tests and contingency tables; linear regression and correlation; and non-parametric procedures.

Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1601 | STAT-2001.

Requisite Courses: STAT-1301, STAT-1401, or STAT-1501 [prerequisite(s)].

STAT-1401 (3) Statistics I for Business and Economics (3 hrs Lecture) This course introduces students in business and economics to statistical analysis and applications. Students learn to graph and analyze data using Excel. Topics include descriptive statistics, basic probability including counting techniques, discrete random variables and their expected values and variances, the normal probability distribution and its applications, sampling distributions, hypothesis testing and estimation of parameters.

Restrictions: Students may not hold credit for this course and STAT-1301 | STAT-1501.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)].

STAT-1501 (3) Elementary Biological Statistics I (3 hrs Lecture) This course provides students in the biological and health sciences with an introduction to data analysis and statistical inference. Topics include: descriptive statistics; probability concepts; Bayes' Theorem; screening tests; discrete probability distributions; uniform and normal distributions; sampling distributions; and statistical inference for one population. Applications are drawn from biology, chemistry and other sciences.

Restrictions: Students may not hold credit for this course and STAT-1301 | STAT-1401.

Requisite Courses: Pre-Calculus Mathematics 40S or Applied Mathematics 40S [prerequisite(s)].

STAT-2001 (3) Elementary Biological Statistics II (3 hrs Lecture) This course is an extension of STAT-1501 (3). Topics include: a review of statistical inference for one population; statistical inference for two populations; analysis of variance for completely randomized and randomized block designs, including contrasts and multiple comparisons; analysis of qualitative data based on the

chi-square distribution, including goodness-of-fit tests; relative risk and odds ratios; regression and correlation analyses; and nonparametric procedures. Applications are drawn from biology, chemistry and other sciences.

Restrictions: Students may not hold credit for this course and PSYC-2101 | STAT-1201 | STAT-1302 | STAT-1601.

Requisite Courses: STAT-1301, STAT-1401, or STAT-1501 [prerequisite(s)].

STAT-2102 (3) Business and Management Statistics (3 hrs Lecture) 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.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)].

STAT-2103 (3) Intermediate Biological Statistics (3 hrs Lecture) 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, probit and/or logit transformations, parallel line assays and slope-ratio assays. Logistic regression with one regressor variable may also be covered.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)].

STAT-2104 (3) Nonparametric Statistics (3 hrs Lecture) 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.

Requisite Courses: STAT-1302, or the former STAT-1201, or both STAT-1501 and STAT-2001 or the former STAT-1601 [prerequisite(s)].

STAT-2301 (3) Survey Sampling I (3 hrs Lecture) This course emphasizes practical aspects of conducting sample surveys. Some of the sample survey designs that are examined include simple random sampling, stratified random sampling, systematic sampling and cluster sampling. The course also deals with Horvitz-Thompson estimator as well as ratio and regression type estimators. The statistical software R is used throughout the course and applications

to real-life data are an integral part of the course.

Note: This course is of interest not only to Statistics majors but also to students of Business, Economics, Sociology, Environmental Sciences and other social sciences.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)].

STAT-2413 (3) Introduction to Mathematical Finance

(3 hrs Lecture) This course gives an introduction to the mathematics of finance, an area of applied mathematics concerned with financial markets. Topics include present value analysis; geometric Brownian motion and its suitability as a model of stock prices; option pricing; the Arbitrage Theorem; derivations of the Black-Scholes formula; and portfolio selection. The approach emphasizes underlying mathematical tools and their derivation.

Restrictions: Students may not hold credit for this course and MATH-2413.

Requisite Courses: MATH-1201, either STAT-1301, STAT-1401 or STAT-1501, and either MATH-1103, MATH-1101, or MATH-1102 [prerequisite(s)].

STAT-2612 (3) Mathematical Statistics I (3 hrs Lecture)

This course provides students with a firm foundation in probability theory, which is necessary for a complete understanding of advanced statistics. Topics include combinatorial methods, probability, random variables, probability distributions and densities, joint and conditional distributions, mathematical expectation, special discrete probability distributions, and the continuous uniform and exponential distributions. Exam, term tests and assignments are utilized for student evaluation.

Cross-listed: MATH-2612.

Restrictions: Students may not hold credit for this course and MATH-2612 | MATH-3611 | STAT-3611.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)]; MATH-2105(3) (must be taken previously or at the same time as this course).

STAT-2702 (3) Statistics for Epidemiology (3 hrs

Lecture) This course provides a comprehensive introduction to the basic concepts, principles, and methods of studying disease occurrence in human populations. It covers the applications of epidemiology in public health practice and preventive medicine. Topics include: definitions, measures of disease frequency and effect, measures of risk, diagnostic and screening tests, epidemiological study designs, causality, interaction, bias, confounding, and internal and external validity. The class may be interspersed with special selected topics.

Restrictions: Students may not hold credit for this course and STAT-3701.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)].

STAT-2902 (3) Statistical Data Management and

Analysis with SAS (3 hrs Lecture) This course introduces students to the SAS programming language, a widely-used tool in analytics and data science, and equips them with essential skills and best practices in programming and basic statistical analysis through SAS procedures. Students learn effective data management by learning to read, edit, combine and store data. The course

then guides students through exploration, visualization and summarizing the data using tables and graphs; data simulation is also covered. Emphasis is placed on practical applications and hands-on experience with real-world datasets.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: STAT-1302(3) or STAT-2001(3) or CJ-2114(3) or GEOG- 2309(3) or PSYC-2101(3) or SOC-2125(3) or Permission of the Instructor [prerequisite(s)].

STAT-2903 (3) Statistical Computing I (3 hrs Lecture |

1.5 hrs Lab) This course introduces the use of modern statistical computer packages for data management and data analysis. Topics include introduction to the statistical programming language R, pseudo random number generation, simulation of discrete and continuous random variables, test of one and two sample means and proportions, linear regression, analysis of contingency tables, non-parametric statistics and ANOVA.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)]; STAT-2903L (lab) (must be taken concurrently).

STAT-3102 (3) Applied Multivariate Methods (3 hrs

Lecture) This course introduces students to the concepts and procedures of multivariate statistical analysis. Analysis and interpretation of multivariate data are emphasized. Topics include: matrix algebra, random vectors from two populations, multivariate analysis of variance, discriminant analysis, cluster analysis, and one of the following topics: factor analysis, canonical correlation analysis, correspondence analysis. *R* statistical software is used to facilitate most analyses.

Requisite Courses: MATH-1201 and either STAT-1302 or STAT-2001 [prerequisite(s)].

STAT-3103 (3) Applied Regression Analysis (3 hrs

Lecture) This course provides students with the skills necessary to perform regression analyses and to interpret statistical issues related to regression applications in many areas, especially in health sciences. Topics include linear and nonlinear regression models, residual diagnostics, multicollinearity, model selection, transformations and weighted least squares, measures of influence and generalized linear models with a focus on logistic and Poisson regression. The statistical software R or SAS is used throughout the course and applications to real-life data are an integral part of the course.

Requisite Courses: STAT-1302 or STAT-2001, and MATH-1201 [prerequisite(s)].

STAT-3104 (3) Analysis of Variance and Covariance (3

hrs Lecture) This course provides students with 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 are chosen from design and analysis of completely randomized, randomized block, Latin square designs and the analysis of covariance (ANCOVA). Random, fixed and

mixed effects models as well as sample size determination, power analysis, diagnostics and remedial measures are discussed. Split-plot, nested, partially nested and repeated measure designs may be presented.

Requisite Courses: STAT-1302 or STAT-2001 [prerequisite(s)].

STAT-3105 (3) Time Series and Forecasting (3 hrs Lecture) 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.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and STAT-2601.

Requisite Courses: STAT-3103 [prerequisite(s)].

STAT-3302 (3) Survey Sampling II (3 hrs Lecture) Statistical agencies have long collected data of interest to governments to inform the development of public policy through surveys. This course emphasizes some key theoretical and practical aspects of survey methodology. Some important unequal probability sampling designs such as probability proportional to size sampling and multi-stage sampling are studied. The Horvitz-Thompson, generalized regression and calibration estimators and their properties are investigated. This course also covers practical methods for dealing with missing survey data, such as imputation. *R* statistical software is used to facilitate some analyses.

Requisite Courses: STAT-2301 with a minimum grade of C, and STAT-2612|MATH-2612 (or the former STAT-3611|MATH-3611) [prerequisite(s)].

STAT-3412 (3) Introduction to Operations Research (3 hrs Lecture) 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.

Cross-listed: MATH-3412(3).

Restrictions: Students may not hold credit for this course and MATH-3412.

Requisite Courses: MATH-1201 or MATH-2201 or ECON-3201 or permission of the instructor [prerequisite(s)].

STAT-3501 (3) Simulation (3 hrs Lecture | Lab) 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.

Requisite Courses: STAT-2612 or MATH-2612 (or the former MATH-3611 or STAT-3611) and STAT-2903 or permission of the instructor [prerequisite(s)].

STAT-3612 (3) Mathematical Statistics II (3 hrs Lecture) This 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.

Cross-listed: MATH-3612(3).

Restrictions: Students may not hold credit for this course and MATH-3612.

Requisite Courses: STAT-2612|MATH-2612 (or the former STAT-3611|MATH-3611) [prerequisite(s)]; MATH-2106 (must be taken previously or at the same time as this course).

STAT-3904 (3) Statistical Computing II (3 hrs Lecture) This course introduces modern techniques of statistical computing for practical analysis of data using the statistical software *R*. Topics include random number generation, an introduction to resampling methods, classical and Bayesian inference and Monte Carlo methods, methods of finding roots, numerical integration methods, expectation-maximization, and Markov chain Monte Carlo. All statistical principles are illustrated using simulated and real-life data sets.

Requisite Courses: STAT-2903 or STAT-3103 [prerequisite(s)]; STAT-3612 or MATH-3612 (must be taken previously or at the same time as this course).

STAT-4102 (3) Survival Analysis (3 hrs Lecture) This course introduces the core concepts and methods for analyzing time-to-event (survival) data obtained from various epidemiological and medical applications. Topics include: an introduction to survival analysis; right censoring and left truncation; life tables, non-parametric estimators (e.g., Kaplan-Meier); Log-rank test; parametric methods for analyzing survival data (e.g., exponential model, Weibull model); semi parametric methods (e.g., Cox proportional hazards model).

Requisite Courses: STAT-2612 or MATH-2612 (or the former STAT-3611 or MATH-3611 or STAT-3201 or STAT-2701) [prerequisite(s)].

STAT-4103 (3) Statistical Learning (3 hrs Lecture) This course deals with a variety of topics in statistical learning and their implementation in *R*. Topics include introduction to statistical learning methods; review of linear regression; use of LASSO and ridge regression techniques to identify useful explanatory variables; understanding the practical difference between predictive outcomes from parametric and non parametric methods; implementation of several ensemble learning methods; clustering methods and dimension reduction; employing reasonable programming practices with basic *R* syntax and functions; report writing for projects using standard software. Students who major in Data Science are encouraged to take ACS-4953 prior taking this course.

Requisite Courses: STAT-3103 [prerequisite(s)].

STAT-4202 (3) Statistical Inference (3 hrs Lecture) This

course expands on Mathematical Statistics II. 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.

Requisite Courses: STAT-3612 or MATH-3612 or permission of the instructor [prerequisite(s)].

STAT-4401 (3) Probability Theory (3 hrs Lecture) This course is a continuation of Mathematical Statistics I (STAT-3611 (formerly STAT-3201 or Applied Probability STAT-2701)) 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.

Requisite Courses: STAT-2612 or MATH-2612 (or the former STAT-3611/MATH-3611) or permission of the instructor [prerequisite(s)].

STAT-4501 (3) Spatial Statistics (3 hrs Lecture | 1.25 hrs Lab) This course considers the theory and application of statistical techniques for analysis of spatial (geographic) data. Topics include: characteristics of spatial data, types of maps and issues in mapping, spatial analysis of areal units (Moran's I statistic and extensions), point pattern analysis (centrography, measures of density, distance and dispersion), spatial statistics for fields (spatial interpolation, semivariogram and kriging) location quotient, Gini index and Lorenz curve. Use of R statistical software and some spreadsheet software is required. Examples are drawn from demography, developmental practice geography, epidemiology, environmental science, and biology.

Requisite Courses: STAT-1302 or STAT-2001 or GEOG-2309 or the former STAT-1201 or STAT-1601 [prerequisite(s)]; STAT-4501L (lab) (must be taken concurrently).

STAT-4601 (3) Statistical Design of Experiments (3 hrs Lecture) 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 2^k factorial designs and 2^{k-p} fractional factorial designs. Other potential topics include robust parameter design, 3^k-p fractional factorial designs, balanced incomplete block designs, mixture experiments, and response surface methodology.

Requisite Courses: STAT-3104 [prerequisite(s)].

THEATRE AND FILM

THFM-1001 (6) Introduction to Theatre: Performance (3 hrs Lecture) This course is designed as an introduction to the basic concepts of contemporary theatre with an emphasis on the art and craft of the performer. While the focus is on the development of acting technique, lectures, readings, and practical work also introduce students to the broader context of theatre. The course explores areas of improvisation, movement, and role preparation through workshops and class presentations. Students are evaluated on both written and performance assignments.
Note: Only ONE of THFM-1001, THFM-1002 or THFM-1003 may be used toward the major.

THFM-1002 (6) Introduction to Theatre: General (3 hrs Lecture) This course provides a scholarly introduction to the study of theatre, including an overview of the components of the theatre production, exposure to key developments in the history of theatre, examination of current ideas and debates in theatre both nationally and internationally, and the development of skills for analyzing plays both in written form and in performance. Several plays produced on Winnipeg stages in the current theatre season form the basis of class discussions and assignments; students are required to attend performances of these plays outside of class time.
Note: This course can be used towards the Humanities Requirement. Only ONE of THFM-1001, THFM-1002 or THFM-1003 may be used toward the major.

THFM-1003 (6) Introduction to Theatre: Indigenous Performance (3 hrs Lecture) Students study performance in plays and stories of the Indigenous peoples of this area of North America through practical exercises, lectures and readings and/or films. The approach to development exercises, rehearsal and performance are based on traditional Indigenous teachings synthesized with approaches that have been adopted from other cultures by contemporary Indigenous theatre artists. The art and craft of the actor/performer/storyteller is explored through improvisation, role preparation, workshops and class presentations. Students are evaluated on both written and performance assignments. An Elder serves as advisor and support to the course. This course fulfills the prerequisite for all courses currently requiring an Introduction to Theatre course (THFM-1001 or THFM-1002), including THFM-2101 Acting Theory and Practice.
Note: Only ONE of THFM-1001, THFM-1002 or THFM-1003 may be used toward the major.

THFM-1010 (6) Introduction to Film (3 hrs Lecture) 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 is developed through readings, screenings, and guest lectures. A selection of international films is discussed, focusing on their social and aesthetic impacts. A series of practical labs gives students some first-hand experience of film production.
Note: This course can be used towards the Humanities Requirement.

THFM-1500 (3) Music Appreciation (3 hrs Lecture) Over a century before his famous novel *Les Misérables* inspired the celebrated Broadway musical, Victor Hugo recognized the unique, expressive nature of music. This course explores as many different musical genres as possible in order to achieve a broad understanding of how music reflects culture and society and crosses artistic boundaries to express, as Hugo aptly articulated, "that which cannot be said and on which it is impossible to be silent." The central objectives of this course are to encourage active listening skills and informed personal and communal responses to music through study of musical language, history, idioms, style, and trends.

Cross-listed: MUS-1500(3).

Restrictions: Students may not hold credit for this course and MUS-1500.

THFM-2001 (3) Theatre/Film Practicum I (Apprenticeship/Internship/Practicum with variable meeting hours | Lab) In this course, students participate in a teaching production in the area of specialization they select. Depending on specialization, THFM-2001L (lab) may be required to be taken concurrently. Please consult with the department for more information.

Restrictions: Department Permission Required. Students may not hold credit for this course and THFM-3809.

Requisite Courses: THFM-2001L (lab) may be required depending on specialization (recommended to be taken concurrently).

THFM-2002 (3) Theatre Practicum II (Apprenticeship/Internship/Practicum with variable meeting hours) 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.

Restrictions: Department Permission Required.

Requisite Courses: THFM-2001 and permission of the Department Chair [prerequisite(s)].

THFM-2003 (3 or 6) Topics in Theatre and Film (Tutorial with variable meeting hours) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor.
Note: This course may be repeated for credit if the topic varies.

Restrictions: Department Permission Required.

THFM-2011 (3) Ensemble Practicum (Choral) (Apprenticeship/Internship/Practicum with variable meeting hours) Ensemble is a rehearsal and performance practicum designed to develop the art of ensemble performance in choral music. Students perform a broad range of literature in many public events throughout the year. This course may be repeated for credit once.

Note: Those without previous experience singing should contact the instructor.

Cross-listed: MUS-2011(3).

Restrictions: Students may not hold credit for this course and MUS-2011.

THFM-2101 (6) Acting Theory and Practice

(Lecture/Lab Combined with variable meeting hours) This course is a practical and theoretical study of the principles of actor technique and role analysis. Students are expected to engage in performance work from a range of styles and aesthetics and in the theoretical work of major practitioners/theorists in the field. 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. This course is the foundation course for subsequent courses in the acting stream of study.

Requisite Courses: THFM-1001 or THFM-1003 or permission of the instructor [prerequisite(s)].

THFM-2133 (3) Introduction to Devised Theatre (3 hrs

Lecture) This course introduces students to Devised Theatre. It is designed to inspire and initiate the creation of original theatre work. Students are introduced to a range of specific performance techniques and principles that provide them with concrete construction tools for creating new performance work. The course consists of readings, videos and films, discussions, practical workshops, movement-based practices, and in-class student performances. Course work involves developing a process of creating several small-scale performance projects.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: You cannot hold credit for this course and THFM-2003 if the topic is Devised Theatre.

Requisite Courses: THFM-2101 (must be taken previously or at the same time as this course).

THFM-2201 (3) Principles of Design (3 hrs Lecture | 3

hrs Lab) This course is an introduction to the principles and practice of theatrical design in scenery, costumes, and lighting. Drawing skills are not required. Students learn ways to communicate visual information as a designer.

Note: This course can be used towards the Humanities Requirement.

Requisite Courses: THFM-2201L (lab) (must be taken concurrently).

THFM-2202 (3) Graphic Standards for Design &

Production (3 hrs Lecture) This course explores the various methods theatre designers use to communicate to the production team. Through manual drafting techniques to the use of CAD technology, this course prepares students to communicate accurately with members of the production staff. Drafting is a key method of communication for the theatre design student, production student, and film student interested in production design/art department. These skills are necessary to be an effective leader in these areas of focus.

THFM-2310 (6) Filmmaking I: Screen Narrative

Technique (3 hrs Lecture | 3 hrs Lab) 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.

Note: It is recommended that students take one of THFM-1001, THFM-1002, or THFM-1003 prior to, or concurrently with, this course.

Requisite Courses: THFM-1010 [prerequisite(s)]; THFM-2310L (lab) (must be taken concurrently).

THFM-2311 (6) Film Comedy (3 hrs Lecture) This course

looks at film comedy from the earliest silent film comedies of Edison and Méliès to the contemporary comedies of Kevin Smith and Woody Allen. It focuses on cinematic techniques used to achieve a comic action or comic perspective.

Students explore the cinematic tools of comedy filmmakers in historical perspective. They also do some practical filmmaking work.

Requisite Courses: THFM-1010 [prerequisite(s)].

THFM-2312 (6) Documentary Filmmaking (Lecture with

variable meeting hours) In this course emerging filmmakers are introduced to documentary filmmaking tools and techniques. Beginning with screenings and lectures, then moving to hands-on experience, students explore and experience non-fiction storytelling through an examination of contemporary filmmaking practices and the opportunity to conceive, develop and produce their own short, non-fiction films.

Note: Students who have taken the Special Studies version of this course (THFM 3002-604 offered only in Winter, 2008) may not take this course.

Requisite Courses: THFM-1010 [prerequisite(s)].

THFM-2314 (6) Film Horror (3 hrs Lecture) The course

examines the full range of horror films from classic to contemporary, exploring the aesthetics unique to the genre. The course looks at how story structure, lighting, framing, mise-en-scene, sound, and editing are applied towards creating the style and aesthetics of horror films. A large portion of the course focuses on the practical elements of shooting a horror film and students have an opportunity to write and shoot their own short horror film.

Requisite Courses: THFM-1010(6) [prerequisite(s)].

THFM-2401 (3) Theatre History I: Æschylus to

Shakespeare (3 hrs Lecture) 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.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: HIST-2190(3).

Restrictions: Students may not hold credit for this course and HIST-2190.

THFM-2402 (3) Theatre History II: Molière to Irving (3

hrs Lecture) 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.

Note: This course can be used towards the Humanities Requirement.

THFM-2405 (3) Staging Greek and Roman Drama (3 hrs Lecture) 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.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: CLAS-2405(3).

Restrictions: Students may not hold credit for this course and CLAS-2405.

THFM-2406 (6) The History of Fashion and Dress (3 hrs Lecture) This course introduces the history of fashion. Students learn what dress is as well as how and why it is studied. The dress from ancient times to the 21st century is then discussed, with an emphasis on western Europe. The links between fashion, social history, and material culture are examined. The course is intended as background for students of theatrical design, but may be taken as an elective by anyone interested in the field.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: HIST-2192(6).

Restrictions: Students may not hold credit for this course and HIST-2192.

THFM-2410 (6) History of Film (3 hrs Lecture) 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.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: HIST-2191(6).

Restrictions: Students may not hold credit for this course and HIST-2191.

THFM-2501 (6) Mime and Improvisation (3 hrs Lecture) 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.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 [prerequisite(s)].

THFM-2502 (3 or 6) Voice and Speech Skills for Presentation and Performance (3 hrs Lecture) This course is a study of the theory and practice of voice

production, projection, speech improvement, and oral communication techniques as they apply to work in performance, in the classroom, and in a variety of other contexts in life where good communication skills are valued. In the 3 credit hour course, students engage in experiential learning activities that include storytelling and persuasive speech delivery by working on crafting content, rehearsing, workshoping, and presenting assignments in front of an audience of peers. The 6 credit hour course is an expanded approach to this material.

THFM-2505 (3) Principles of Physical Training for the Actor (3 hrs Lecture) 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.

Note: This course is graded on a pass/fail basis.

THFM-2510 (3) Introduction to Producing for Film (3 hrs Lecture) This course is intended for students who are interested in understanding the business aspects of creating, producing and disseminating a film or television project in Canada. It takes students through several stages of an independent film production including concept development, financing, production, post-production and distribution. Specific attention is paid to research and marketing, finance and funding, legal and insurance issues, and to getting your work seen by the right people, as well as business affairs and etiquette. The course consists of lectures and workshops with faculty and guest professionals. No previous knowledge of business or finance necessary.

THFM-2601 (3) Costuming (3 hrs Lecture) 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.

Note: Students entering this course must be able to operate a domestic sewing machine and make clothes from a pattern.

THFM-2602 (3) Lighting Design (3 hrs Lecture/Lab Combined) This course examines the practice of lighting design for theatre. Familiarizing themselves with stage lighting equipment and control systems through lectures and lab work, students study the design process through practical hands-on exploration of the craft. The course also emphasizes how the lighting designer communicates. In addition, students have the opportunity to observe professional designers as part of their exploration and study.

Restrictions: Students may not hold credit for this course and THFM-2605.

Requisite Courses: Take THFM-1010 or THFM-2801,

THFM-2803 or THFM-2201 as pre or co-requisite (must be taken previously or at the same time as this course).

THFM-2603 (3) Make-Up: Theory and Practice (3 hrs Lecture) 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 (3 hrs Lecture) This course is intended specifically for students enrolled in the Dance Program 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.

Note: This course is restricted to students who have been accepted into The University of Winnipeg/School of Contemporary Dancers Dance Program and is offered on a pass/fail basis.

THFM-2605 (2) Lighting for Dance Practicum (3 hrs Lecture) In this course, material taught in THFM-2604(2) Introduction to Stage Lighting for Dance 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.

Note: This course is restricted to students who have been accepted into the University of Winnipeg/School of Contemporary Dancers Dance Program and is offered on a pass/fail basis.

Restrictions: Students may not hold credit for this course and THFM-2602.

Requisite Courses: THFM-2604 (must be taken previously or at the same time as this course).

THFM-2606 (2) Self Producing for Dance (3 hrs Lecture) Through a series of lectures and demonstrations, this course introduces students in the Dance Program 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.

Note: This course is restricted to students who have been accepted into The University of Winnipeg/School of Contemporary Dancers Dance Program and is offered on a pass/fail basis.

THFM-2607 (3) Introduction to Sewing for Theatre (3 hrs Lecture) This course is an introduction to sewing through lecture and practical assignments. No previous knowledge of sewing is required. Students learn hand stitching, sewing machine basics, various stitches and seam finishes, how to handle fabric, and other basic skills with some emphasis on sewing situations specific to a

theatre production setting.

Restrictions: Students may not hold credit for this course and THFM-2001 Intro Sewing.

THFM-2608 (3) Costuming Practicum: Costuming the Production I (3 hrs Lecture) This course provides hands-on experience in taking a costume from the designer's sketch to a fully completed ensemble ready for stage. Lectures provide students with the essential skills of a costumer. Building from this knowledge, the background and the context of the specific costume design is addressed, and the students prepare, build, purchase and alter costumes for departmental public exercises under the guidance of the instructor. Proficiency in both hand stitching and sewing machine use is required for this course.

Restrictions: Students may not hold credit for this course and THFM-2001 (costuming focus).

Requisite Courses: THFM-2601 or Permission of the Instructor [prerequisite(s)].

THFM-2610 (3) Script and Screen (3 hrs Lecture) 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.

Note: This course can be used towards the Humanities Requirement.

THFM-2611 (3) Introduction to Screenwriting (3 hrs Seminar/Discussion) 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 role of the screenwriter in the filmmaking industry is also examined.

Note: Creative Writing students (ENGL) may take this course with the permission of the Department of Theatre and Film's Chair. This course can be used towards the Humanities Requirement.

Requisite Courses: THFM-1010 [prerequisite(s)].

THFM-2612 (3) Script and the Small Screen: TV Drama (3 hrs Lecture) Television drama exerts an undeniable impact on our culture. This may be partly due 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.

Note: This course can be used towards the Humanities

Requirement.

THFM-2701 (6) Playwriting I (3 hrs Seminar/Discussion) 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.

Note: This course can be used towards the Humanities Requirement.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 or 6 credit hours in ENGLISH Creative Writing (ENGL-1005, ENGL-2002, ENGL-2102, ENGL-3101, ENGL-3102, ENGL-3113, ENGL-3114, ENGL-3115, ENGL-3116) or THFM-3611, or permission of the instructor [prerequisite(s)].

THFM-2703 (3) Play Analysis (3 hrs Lecture) This is a course in the analysis of plays in rehearsal and pre-rehearsal situations for anyone involved in practical theatre production. A variety of interpretive strategies are developed in approaching the problems of form, character, and theme in plays of different styles and periods. The emphasis is on Stanislavsky-derived techniques.

Note: This course is required for all Theatre students in the Honours or the General program. This course can be used towards the Humanities Requirement.

Cross-listed: ENGL-2703(3).

Restrictions: Students may not hold credit for this course and ENGL-2703.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 or 6 credit hours in first-year English, including ENGL-1001(6) or ENGL-1000(3) [prerequisite(s)].

THFM-2801 (6) Theatrical Production I (3 hrs Lecture | 3 hrs Lab) 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.

Note: It is recommended that students without prior theatre experience take a 1000-level course from the Department of Theatre and Film concurrently with this course.

Restrictions: Students may not hold credit for this course and THFM-2803 or THFM-2001 (Carpentry) or THFM-2807.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 (recommended to be taken previously or at the same time as this course); THFM-2801L (Lab) (must be taken concurrently).

THFM-2802 (3) The Business of Theatre (3 hrs Lecture) This course introduces students to the business side of a career in the theatre. For students in ALL disciplines of the theatre industry, this course offers a basic vocabulary for career and project management. Topics covered include: seeking employment, unions, taxes for freelance arts workers, and writing applications for

grants and festivals. In addition, the basics of producing and touring, including budgets, communications and scheduling are examined. The course consists of lectures and workshops with faculty and guest professionals. No previous knowledge of business or finance is necessary, but a working knowledge of theatre is required.

Requisite Courses: THFM-1001, THFM-1002 or THFM-1003 or permission of the Instructor [prerequisite(s)].

THFM-2803 (3) An Introduction to Lighting and Sound in Production (3 hrs Lecture | 3 hrs Lab) 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.

Restrictions: Students may not hold credit for this course and THFM-2801.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 (recommended to be taken previously or at the same time as this course); THFM-2803L (Lab) (must be taken concurrently).

THFM-2804 (3) Introduction to Arts and Cultural Management (3 hrs Lecture) This course is intended for students who have an interest in pursuing a career in some aspect of the arts and 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.

THFM-2806 (3) Conflict Resolution, Social Change and The Arts (3 hrs Seminar/Discussion) Conflict Resolution, Social Change and the Arts explores how different arts have been used to affect social change. The course looks at ways that cultural productions play a positive role in building peaceful societies. The expressive arts and other action methods can provide a bridge between personal and collective experience to help people master complex feelings in their healing process while also inspiring, motivating, and uniting social movements. The course covers theory and practice from around the world highlighting community-based arts. Students learn how to implement arts within community projects and the assessment of outcomes and, as such, make connections between artistic disciplines and community well-being.

Cross-listed: CRS-2310.

Restrictions: Students may not hold credit for this course and CRS-2310.

THFM-2807 (3) An Introduction to Stagecraft in Production (3 hrs Lecture | 3 hrs Lab) This course introduces the student to the principles of stagecraft and the study of theatre facilities with an emphasis on proscenium and studio spaces, safety in the handling of equipment and materials, and the use of the Workplace Hazardous Materials Information System. Students apply

the principles acquired from the lecture to hands-on projects such as the building of stage scenery and production work related to the departmental public exercises.

Restrictions: Students may not hold credit for this course and THFM-2801 or THFM-2001 Theatre Practicum: Carpentry.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 (recommended to be taken previously or at the same time as this course); THFM-2807L (must be taken concurrently).

THFM-2920 (3) Introduction to Dance for Musical

Theatre (3 hrs Lecture) 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.

Note: This course may not be taken by students who have taken any courses in the Dance Program (DANC).

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 or permission of Department Chair [prerequisite(s)].

THFM-2922 (3) Introduction to Music and Singing

(3 hrs Lecture) This course builds on the rudiments of music and the fundamental techniques of solo and choral singing, and song interpretation for application to Musical Theatre.

Note: The course is designed for students with some basic musical knowledge (for example, high school or church choral or band experience) who are planning to take THFM-3920(6) Musical Theatre. It may be taken by general interest students with the permission of the Chair of the Department of Theatre and Film.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 or permission of Department Chair [prerequisite(s)].

THFM-3001 (6) Special Studies in Theatre/Film (3 hrs Tutorial) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor.

Restrictions: Department Permission Required.

THFM-3002 (3) Special Studies in Theatre/Film (3 hrs Tutorial) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate instructor.

Restrictions: Department Permission Required.

THFM-3003 (3) Special Studies in Theatre/Film

Humanities (3 hrs Tutorial) Students interested in advanced exploration of a specific area of theatre or film studies arrange a program of reading, individual study, and private lectures with an appropriate instructor. This program of study must meet the criteria for a course in the Humanities.

Restrictions: Department Permission Required. Instructor Permission Required.

THFM-3101 (6) Acting III: Advanced Practice, Process and Performance (Lecture/Lab Combined with variable meeting hours) This advanced course solidifies the

rigorous work of the performer and builds on the foundation of previous performance courses. It consolidates the building blocks of acting, further develops approaches to understanding text, deepens the investigation into how to meet the demands of a script, and culminates in a showcase.

Requisite Courses: THFM-2101 [prerequisite(s)].

THFM-3103 (6) Movement for Actors

(3 hrs Lecture) 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.

Requisite Courses: THFM-2101 or permission of the Department Chair [prerequisite(s)].

THFM-3105 (6) Advanced Movement I

(3 hrs Lecture | 3 hrs Lab) 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 concentration 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.

Requisite Courses: THFM-3105L (lab) (must be taken concurrently); THFM-4131 (must be taken concurrently).

THFM-3106 (6) Advanced Movement II

(3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: THFM-3106L (lab) (must be taken concurrently); THFM-4134 or THFM-4141 or THFM-4145 (must be taken concurrently).

THFM-3108 (3) Voice & Text Foundations in Studio

(3 hrs Lecture) This course covers the anatomy and physiology of the voice, which informs a progressive curriculum of embodied vocal skills. Other areas covered include vocal health/hygiene, application of voice work connected to thought and action through application to text. Students explore their vocal habits and build a repertoire of vocal technique in studio classes, and gain experience in applying new skills to their application to text, to support their understanding of the demands of performance.

Restrictions: Honours Form Required.

THFM-3109 (3) Voice & Text Foundations in

Performance (3 hrs Lecture) This course builds on the work done in THFM-3108 expanding upon the progressive curriculum of embodied vocal skills including breath responsiveness, ease of phonation (vibration), forward placement of tone, resonance, range, freedom of articulation, and awareness of speech action in application

to performance in the Honours public exercise. Students continue to build a repertoire of vocal technique in studio classes, and gain experience in applying new skills to their acting work in performance.

Restrictions: Honours Form Required.

Requisite Courses: THFM-4131 (must be taken concurrently); THFM-3108 [prerequisite(s)].

THFM-3110 (6) Screen Acting (3 hrs Lecture | 3 hrs Lab)

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 resumes, auditioning, and cold reading are also covered.

Requisite Courses: THFM-2101 OR permission of the instructor [prerequisite(s)]; THFM-3110L (lab) (must be taken concurrently).

THFM-3131 (3) Approach to Directing (3 hrs Lecture)

This course serves as an introduction to the field of theatre directing. Through lectures and workshops, students explore preparation, analysis, conceptualization, dramaturgy, communication, ethical issues and the casting, rehearsing and staging of performance within the shifting role of the theatre artist as a global citizen. This course also provides a cursory history of the development of direction as an art form, with the goal that such study will aid students in considering new perspectives and approaches in their own directing endeavours.

Restrictions: Students may not hold credit for this course and THFM-3002 SpSt Approach to Directing.

Requisite Courses: THFM-1001, THFM-1002 or THFM-1003 [prerequisite(s)].

THFM-3201 (6) Styles in Design (3 hrs Lecture | 3 hrs Lab)

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.

Requisite Courses: THFM-2201 [prerequisite(s)]; THFM-3201L (lab) (must be taken concurrently).

THFM-3310 (6) Filmmaking II: Directing the Short Film

(3 hrs Lecture | 3 hrs Lab) 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.

Requisite Courses: THFM-2310 and permission of the Department Chair [prerequisite(s)]; THFM-3310L (lab) (must

be taken concurrently).

THFM-3312 (6) Sound Editing for Film (3 hrs Lecture | 3

hrs Lab) 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.

Restrictions: Students may not hold credit for this course and THFM-3311.

Requisite Courses: THFM-2310 [prerequisite(s)]; THFM-3312L (lab) (must be taken concurrently).

THFM-3313 (6) Advanced Picture Editing (3 hrs Lecture

| 3 hrs Lab) This is an advanced editing course focusing on both continuity-style editing and non-narrative editing techniques. The course examines standard narrative editing technique from assembly through the various rough-cut stages to a fine cut. Using digital non-linear editing systems, students learn the importance of pacing and rhythm within a scene and sequence, how to cut for dramatic effect, how to cut around continuity problems, and techniques for "invisible" cutting. The course also looks at montage editing, from the theories of Eisenstein and montage editing in dramatic features to the application of montage in music videos and movie trailers.

Restrictions: Students may not hold credit for this course and THFM-3311.

Requisite Courses: THFM-2310 [prerequisite(s)]; THFM-3313L (lab) (must be taken concurrently).

THFM-3401 (3) Theatre History III: Ibsen to the

Present (3 hrs Lecture) 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.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: HIST-3190(3).

Restrictions: Students may not hold credit for this course and HIST-3190.

THFM-3402 (3) Canadian Drama and Theatre (3 hrs

Lecture) This course is dedicated to the study of plays written since the late twentieth century in the land known as Canada. This is a course about legacies: artistic, stylistic, canonical, dramaturgical, ideological, and colonial. Through an examination of plays and supplementary readings students in this course explore where we have come from and where we are headed in theatre in this country.

Note: This course can be used towards the Humanities Requirement.

Cross-listed: ENGL-3403(3).

Restrictions: Students may not hold credit for this course and ENGL-3403.

THFM-3502 (6) Drama in Education (3 hrs Lecture) 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 drama in school settings, and for the use of drama techniques in teaching other subjects. Particular attention is given to how the principles and philosophies of Drama in Education guide best practice in a classroom environment.

Note: This course can be used towards the Humanities Requirement.

THFM-3503 (3) Stage Combat for Actors (3 hrs Lecture) 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.

Note: This course is graded on a pass/fail basis.

Requisite Courses: THFM-1001 or THFM-1002 or THFM-1003 [prerequisite(s)].

THFM-3608 (6) Costuming Practicum: Costuming the Production II (6 hrs Lecture) Though it is not a formal pre-requisite, this course builds on the knowledge and experience gained in THFM-2608 as students act as a practical costuming department for two departmental public exercises in a single term. Students acquire hands-on experience in taking a costume from the designer's sketch to a fully-completed ensemble ready for the stage, including sourcing, preparing and building and altering all costumes. Proficiency in hand stitching and sewing machine use are required for this course.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and THFM-3001 SpSt Costuming the Production.

Requisite Courses: THFM-2601 and permission of the instructor required [prerequisite(s)].

THFM-3611 (6) Advanced Screenwriting (3 hrs Seminar/Discussion) This advanced screenwriting course concentrates on writing longer dramatic narratives. The course takes the form of a workshop where students develop half-hour and feature-length dramatic scripts from premise and synopsis through step-outline and treatment to final draft. The course focuses on creative processes, story elements and structure, story and scene design, and story analysis. Students gain a working understanding of plot development, character development, techniques for writing dialogue, and advanced script format and style. The course also considers the role of screenwriters in Canadian filmmaking.

Requisite Courses: THFM-2611 with a minimum grade of B [prerequisite(s)].

THFM-3701 (6) Playwriting II: General (3 hrs Seminar/Discussion) 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, sub-plot(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.

Note: This course can be used towards the Humanities Requirement.

Requisite Courses: THFM-2701 or permission of the Instructor [prerequisite(s)].

THFM-3801 (6) Theatrical Production II (3 hrs Lecture) 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 involves 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.

Note: Variable labs total not less than 120 hours over the year.

Requisite Courses: THFM-2801 and permission of the instructor [prerequisite(s)].

THFM-3802 (3) Stage Management (3 hrs Lecture | 3 hrs Lab) 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.

Note: Those wishing more intensive and practical experience are referred to THFM-4802(3) Honours Stage Management - Theory AND THFM-4803(3) Honours Stage Management - Practice.

Restrictions: Students may not hold credit for this course and THFM-4802 | THFM-4832.

Requisite Courses: THFM-3802L (lab) (must be taken concurrently).

THFM-3803 (3) Properties for the Stage (3 hrs Lecture)

The object of this course is to provide students with an introduction to prop making and acquisition. Emphasis is placed on practical skills development, research, practice, and the review of special materials and handling procedures for them.

Requisite Courses: THFM-2801 [prerequisite(s)].

THFM-3804 (3) Scenic Painting (3 hrs Lecture) The object of this course is to provide students with an introduction to scenic painting. The proper use of paints and pigments forms a basis from which a study of the major professional painting techniques is undertaken.

Requisite Courses: THFM-2801 or THFM-2201

[prerequisite(s)].

THFM-3807 (3) Theatrical Production Operations and Management (3 hrs Lecture) 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.

Requisite Courses: THFM-2801 or THFM-2803 [prerequisite(s)].

THFM-3808 (3) Stagecraft Practicum (6 hrs Apprenticeship/Internship/Practicum) 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. The course consists of both lectures and labs, which occur concurrently in each class, as necessary.

Requisite Courses: THFM-2801 [prerequisite(s)].

THFM-3809 (3) Stagecraft Techniques (3 hrs Lecture) 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.

Restrictions: Instructor Permission Required. Students may not hold credit for this course and THFM-2001 | THFM-4809.

Requisite Courses: THFM-2801 and permission from the instructor [prerequisite(s)].

THFM-3920 (6) Musical Theatre (3 hrs Lecture | 3 hrs Lab) 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.

Note: 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.

Requisite Courses: THFM-2101, THFM-2920, and

THFM-2922 [prerequisite(s)]; THFM-3920L (lab) (must be taken concurrently).

THFM-3924 (3) Advanced Dance for Musical Theatre (3 hrs Lecture) This course focuses on moving students' performance abilities to the next level while developing technical and interpretive skills. Emphasis is on the technical aspects of a variety of dance disciplines which are prevalent in the art form, including jazz, ballet, tap, and contemporary movement. Proper placement and alignment, incorporation of characterization, and stylistic elements are explored within classic and contemporary repertoire. Focus is placed on developing the techniques necessary to convey the story behind the movements including timing, delivery, and intention.

Restrictions: Students may not hold credit for this course and THFM-3002(3) SpSt Advanced Dance.

Requisite Courses: THFM-2920 or permission of the instructor [prerequisite(s)].

THFM-3925 (3) Advanced Music and Singing (3 hrs Lecture) This course focuses on advancing basic music skills (rhythm and ear training, sight singing, and score reading), as well as more advanced approaches to the development of healthy vocal technique through voice-building exercises, rehearsal skills, audition technique, repertoire selection, and the integration of character development in the performance of selections from the Music Theatre repertoire.

Restrictions: Students may not hold credit for this course and THFM-3002 SpSt Advanced Singing.

Requisite Courses: THFM-2922 or permission of the instructor [prerequisite(s)].

THFM-4041 (6) Special Studies in Theatre/Film (3 hrs Directed Reading) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate Instructor.

Restrictions: Department Permission Required. Honours Form Required.

THFM-4042 (1 or 3) Special Studies in Theatre/Film (3 hrs Directed Reading) Students taking this course arrange a program of reading, individual study, and lab work in consultation with an appropriate Instructor.

Restrictions: Department Permission Required. Honours Form Required.

THFM-4043 (3) Honours Special Studies in Theatre/Film Humanities (3 hrs Tutorial) Students interested in Honours-level advanced exploration of a specific area of theatre or film studies arrange a program of reading, individual study, and private lectures with an appropriate instructor. This program of study must meet the criteria for a course in the Humanities.

Restrictions: Honours Form Required. Instructor Permission Required.

THFM-4108 (3) Speech Foundations in Performance (3 hrs Lecture) This course reinforces a progressive curriculum of experiential learning, building upon the foundations of voice and text explored in the third year courses. Various text-based and performance-based

experiential learning opportunities continue as students learn new skills related to speech. Proficiency in speech action is developed by learning the International Phonetic Alphabet (IPA) and exploring practical speech action in studio. Students can expect to enhance their understanding and execution of articulatory-speech action and how this work connects to self, identity, character, storytelling, and performance.

Restrictions: Honours Form Required.

THFM-4109 (3) Voice & Holistic Expression in Performance

(3 hrs Lecture) This course celebrates the artist's skills, identity, voice, and body by engaging in the creative process throughout the term and offering experiential learning activities to encourage each student to share their voice, lived experience, and perspectives through self-generated texts and performances. Students also engage holistically and skillfully with texts written by others, that they then rehearse/perform in a variety of theatrical performance contexts, including in studio for peers and with invited audiences.

Restrictions: Honours Form Required.

Requisite Courses: THFM-4141 (must be taken previously or at the same time as this course); THFM-4108 [prerequisite(s)].

THFM-4131 (9) Acting III: Honours

(Lecture/Lab Combined with variable meeting hours) 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. In addition to regular classes and labs, students participate in the rehearsal and performance of one full-length production presented as a public exercise and lab sessions designed to prepare them for the associated challenges of this production.

Note: Registration in this course is by audition only. Auditions are held annually at the end of April; see the department's Student Advisor in Room 3T03, email thfm@uwinnipeg.ca or call 204-786-9955 for details.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: THFM-2101, THFM/ENGL-2703, and permission of the instructor [prerequisite(s)]; THFM-3105 and THFM-3108 (must be taken concurrently).

THFM-4133 (9) Devised Theatre

(6 hrs Lecture/Lab Combined) 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.

Restrictions: Honours Form Required.

Requisite Courses: THFM-2101 and permission of the instructor [prerequisite(s)].

THFM-4134 (6) Interpreting Shakespeare

(3 hrs Lecture) 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, and may include a public exercise.

Restrictions: Honours Form Required.

Requisite Courses: THFM-2101 [prerequisite(s)].

THFM-4135 (3) Acting for the Media

(3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: THFM-2101 [prerequisite(s)].

THFM-4136 (3) Advanced Media Acting

(3 hrs Lecture) 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.

Restrictions: Honours Form Required.

Requisite Courses: THFM-4135 or permission of the instructor [prerequisite(s)].

THFM-4141 (9) Acting IV: Honours - Style & Genre

(Lecture/Lab Combined with variable meeting hours) 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.

Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-4145.

Requisite Courses: THFM-4131 [prerequisite(s)]; THFM-3106 and THFM-4108 (must be taken concurrently).

THFM-4145 (6) Acting IV: Honours - Contemporary Performance

(3 hrs Lecture) 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.

Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-4141.

Requisite Courses: THFM-4131 [prerequisite(s)]; THFM-3106 (must be taken concurrently).

THFM-4203 (6) Contemporary Stage Design (3 hrs Lecture | 3 hrs Lab) 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 Department-sponsored or approved productions. Papers of design analysis along with renderings, models, and post-production self-criticism are integral to the course.

Restrictions: Honours Form Required.

Requisite Courses: THFM-3201 and THFM-2202 (or the former THFM-3202) [prerequisite(s)].

THFM-4331 (6) Directing I (3 hrs Lecture) 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 also writes papers of intent and papers of self-criticism in connection with each directing assignment.

Restrictions: Honours Form Required.

Requisite Courses: THFM-1001 or THFM-1003, and THFM-2703 or ENGL-2703, and at least 3 additional credit hours above the 1000 level in Theatre and Film or permission of the instructor [prerequisite(s)].

THFM-4441 (3) Theatre Aesthetics (3 hrs Seminar/Discussion) This course consists of an examination of some fundamental questions about the nature of Theatre. Seminar discussions are supplemented with the reading of key texts in dramatic theory and criticism.

Requisite Courses: THFM-2401 or HIST-2190 or THFM-2402 or THFM-2405 or CLAS-2405 or THFM-2703 or ENGL-2703 or THFM-3401 or HIST-3190 or THFM-3402 or ENGL-2311 or ENGL-3401 or ENGL-3403 or FREN-4748 [prerequisite(s)].

THFM-4442 (3) Advanced Theory of Acting (3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: THFM-1001 or THFM-1002 or

THFM-1003 [prerequisite(s)].

THFM-4532 (6) Swordplay: Stage and Screen (3 hrs Lecture) This course is an introduction to the basic principles of swordplay for stage and screen. Using the stage combat rapier, the course teaches systems for safety, principles of illusion, and style/period considerations as they relate to staged swordplay. The course is considered a performance course and all stage combat skills are evaluated in the context of a dramatic scene.

Restrictions: Honours Form Required.

Requisite Courses: THFM-3503 or permission of the instructor [prerequisite(s)].

THFM-4802 (3) Honours Stage Management - Theory (3 hrs Lecture | Lab) This course is designed to give students comprehensive, theoretical understanding of stage management. Students learn about basic management practices as they relate to the profession. Lectures provide students 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. When paired with THFM-4803 Honours Stage Management - Practice, students develop comprehensive knowledge and skills in the full spectrum of stage management responsibilities.

Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-3802 | THFM-4832.

Requisite Courses: THFM-2801 [prerequisite(s)]; THFM-4802L (lab) (must be taken concurrently).

THFM-4803 (3) Honours Stage Management - Practice (3 hrs Lecture) This course is designed to provide students with a practical forum within which the theoretical concepts learned in THFM-4802(3) Honours Stage Management - Theory can be tested by working as part of the stage management team supporting a public exercise. Students have the opportunity to apply these principles and techniques in a practical setting by filling a stage management position on at least one public exercise. As the emphasis of this course is comprised of an introductory first experience of practical work, tutorial sessions are arranged with individual students. These are designed to guide students through the practical stage management experience.

Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-4832.

Requisite Courses: THFM-4802 and permission of the instructor [prerequisite(s)].

THFM-4809 (6) Advanced Stagecraft Practicum (3 hrs Lecture) This course is a continuation of the stagecraft portion of THFM-2801 Production I with greater emphasis on the skills, techniques, and principles required to construct stage scenery. The course is also an advanced practicum which encompasses the management and construction of all scenery for the department's 4th-year public exercise (Fall). In addition, course content focuses on the development of blueprint reading and other practical skills as they relate to scenic construction. Emphasis is also placed on the role of the master carpenter's relationship with the set designer.

Note: Students who have taken the former THFM-2001(3) Practicum version of Stagecraft II may not take this course.

Restrictions: Honours Form Required. Students may not hold credit for this course and THFM-3809.

Requisite Courses: THFM-2801 [prerequisite(s)].

URBAN AND INNER CITY STUDIES

UIC-1001 (3) Introduction to Urban and Inner-City Studies (3 hrs Lecture) 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-1002 (3) Issues in the Inner-City Studies: An Introduction (3 hrs Lecture) The inner-city, a post-war phenomenon unique to North America, is of interest to urban studies because it focuses our attention on the margins and on issues of social justice. This course is offered on an occasional basis to respond to specific requests from the inner-city community, and/or to take advantage of opportunities to examine trends or concerns that arise in the inner city. The topic covered may vary from year to year. Students should consult the Department of Urban and Inner-City Studies about the topic in any given year. If the topic is different from one they have previously taken, they are permitted to enroll in the course and receive credit.

UIC-1010 (3) Indigenous Ways of Knowing (3 hrs Seminar/Discussion) Large numbers of Indigenous peoples settling in Winnipeg, and in core neighbourhoods, suggest that students studying urbanism need to be aware that the city and critical issues in the inner city can be interpreted differently. This course offers an introduction to Indigenous ways of knowing through active participation in strategies that facilitate the production of Indigenous knowledge and through comparisons with Euro-American ways of knowing. By taking part in basic ceremony and related practices, students gain an understanding of how First Peoples of Manitoba relate to each other, to the land, to other animals, and to the world.

Cross-listed: IS-1010(3).

Restrictions: Students may not hold credit for this course and IS-1010.

UIC-1012 (3) Dynamics of the Inner City (3 hrs Seminar/Discussion) This course exposes students to inner-city life, experienced through field trips to meet with formal and informal community leaders and community-based organizations. Students benefit from presentations by those whose calling and work focuses on critical inner-city issues. We observe changes arising from resiliency, activism, multiculturalism, and the blending of social justice and traditional Indigenous values. Students explore the inner-city life of Indigenous peoples and newly-arrived Canadians. Classes emphasize discussion and "inner-city stories".

UIC-2001 (3) Community Development (3 hrs Lecture) 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.

Cross-listed: IS-2301(3).

Restrictions: Students may not hold credit for this course and IS-2301.

UIC-2010 (3) Métis Identity, Culture and Rights (3 hrs Lecture) In this course, students undertake an historical overview of Métis origins, culture, and overnance. Students explore the role that the Métis played in Manitoba's confederation, and other efforts to secure rights - including resisting Canadian expansion during the North-West Resistance (1885). Students learn about Métis dispossession from land, experiences in day and residential schools, and ongoing Métis selfdetermination. Students also discuss contemporary issues faced by the Métis including important court cases, the phenomenon of raceshifting, land claims and restoration of the Métis homeland. Students gain a better understanding of the Métis Nation with a particular focus on the Manitoba Métis community.

Restrictions: Students who have credit for UIC-3100, Issues in Urban and Inner-City Studies, when the topic was Métis Identity, Culture and Rights cannot take this course for credit. Students who hold credit for HIST-3525 or 3625 require permission from the instructor.

UIC-2020 (3) Colonization and Indigenous Peoples in Canada (3 hrs Lecture) In this course, students are introduced to Indigenous peoples in what has come to be known as Canada and undertake a survey of Indigenous cultural, political, economic, and spiritual situations from pre-contact to the present. Students examine colonialism in Canada (past and present) and its ongoing effects upon First Nations, Métis, and Inuit peoples. Topics include Indigenous world views, fur trade, treaties, Indian Act, residential schools and the child welfare system, as well as historic and contemporary Indigenous governance and sovereignty. Students are empowered to engage in meaningful dialogue about issues that affect Indigenous and non- Indigenous people in Canada.

Cross-listed: POL-2020(3) and IS-2020(3).

Restrictions: Students may not hold credit for this course and IS-2020 | POL-2020.

UIC-2030 (3) Management and Financial Administration for Community Leadership (3 hrs Lecture) As small-scale and not-for-profit structures, community-based and Indigenous 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 and management controls, financial statements and budgeting, performance measures, strategic planning and operations analysis and evaluation.

Cross-listed: IS-2030(3) and BUS-2030(3).

Restrictions: Students may not hold credit for this course and IS-2030 | BUS-2030.

Requisite Courses: UIC-1001(3); or IS-1016(3) (or HIST-1009 (3)) and IS-1017(3); or the former IS-1015(6) [prerequisite(s)].

UIC-2035 (3) History of Indigenous Institutional Development in Winnipeg (2 hrs Lecture | 1 hrs Seminar/Discussion) Indigenous peoples in Manitoba's largest urban centre have long been challenging systemic racism and colonial structures. In this course students learn about the rich history of Indigenous-led resistance and development in Winnipeg from 1950 and into the 2000s. Topics include the development of the Indian Métis Friendship Centre, the Ma Mawi Wi Chi Itata Centre, Children of the Earth School, Native Women's Transition Centre (now Indigenous Women's Healing Centre), and Neeginan Centre. Students also learn about a new generation of Indigenous leaders building spaces of hope and resistance in Winnipeg's inner-city neighbourhoods.

Cross-listed: HIST-2613

Restrictions: Students may not hold credit for this course and HIST-2513 | HIST-2613.

UIC-2050 (3) Doing Research in the Inner City (3 hrs Lecture) Understanding research and how knowledge is produced is crucial for people who work and live in urban and inner-city spaces. Students examine theory, approaches, and methods of urban research, focusing on inner-city and community contexts. Students learn to select, apply, and practice hands-on methods, and gain skills relevant for careers in academic, community-based, policy, and professional fields. Topics include anti-racist, Indigenous, and feminist approaches to research, power dynamics and ethical considerations, critical and community-based approaches to research design, and the communication and mobilization of research results.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

UIC-2060 (3) Environmental Justice in the Inner City (3 hrs Lecture) Environmental issues can feel overwhelming - they are urgent and everywhere, and impact inner-city places and residents unequally. How do communities take action for environmental justice, to share environmental well-being and protect land, water, air, and people? Students explore the past and present of environmental justice in theory and practice, looking at urban environmental justice internationally and engaging with local issues and movements that inspire hope and action. Through written, oral, and creative hands-on assignments, analyze environmental benefits and burdens through an intersectional lens, explore how environmental injustice is created and maintained, and find strategies for positive change.

Cross-listed: ENV-2060

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Students may not hold credit for this course and ENV-2060.

UIC-2210 (3) Introduction to Community Advocacy (1 hrs Lecture | 2 hrs Seminar/Discussion) The Civil Rights Movement of the 1960s and the War on Poverty that followed gave rise to a North American advocacy movement. With growing concern that people living in poverty required representation to fully assert their rights, storefront law offices opened in impoverished neighbourhoods and Canada's Legal Aid program was developed. This course examines the history and forms of advocacy from individual to public interest, and different models for providing advocacy services. It explores the role that advocacy plays in influencing public policy, particularly with respect to various social and benefit entitlement programs aimed at responding to urban poverty.

UIC-2220 (3) Urban Poverty and Policy (1 hrs Lecture | 2 hrs Seminar/Discussion) Urban poverty is a growing problem throughout the world, including Canada. It is affected by a wide range of policies. This course examines urban poverty through the lens of these various policies, considering their origins, impact, adequacy and ideological character.

UIC-2515 (3) History of Education in Winnipeg's Inner City (3 hrs Lecture) This course examines the history of education in Winnipeg's North End and broader inner city from the early 20th century to today. Particular attention is paid to those who have come to be identified as the "Other": eastern European immigrants early in the 20th century; Indigenous people and newcomers today. The relationship between poverty and educational outcomes is closely examined. Also emphasized are innovative educational strategies that have emerged in the inner city and that have been demonstrated to work well in improving educational outcomes.

Restrictions: Students may not hold credit for this course and EDUC-4405 | HIST-2515.

UIC-3001 (6) Urban and Inner City Practicum (3 hrs Apprenticeship/Internship/Practicum) This course provides students with an experiential learning opportunity at 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.

Restrictions: Students may not hold credit for this course and UIC-3220.

Requisite Courses: UIC-1001 and one other Core Course in Urban and Inner-City Studies [prerequisite(s)].

UIC-3002 (3 or 6) Directed Readings in Urban and Inner City Studies (3 hrs Lecture) This course provides students 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.

Note: Students may take a maximum of 12 credit hours in directed readings courses at the 3000 and 4000 level. Permission of the instructor is required.

Restrictions: Department Permission Required.

UIC-3003 (6) Community Development and Advocacy Practicum (Apprenticeship/Internship/Practicum with variable meeting hours) Learn about community advocacy and community development in the inner city through practical experience. Students spend six hours per week at a community organization, working on assignments directed by organization staff and supported by the course instructor. Students put into practice the theory they have learned in prerequisite courses (either UIC-2210 Introduction to Community Advocacy, or UIC-1001 Introduction to Urban and Inner-City Studies plus one other Core course in UIC). Students reflect and integrate learning through regular class meetings and written and oral assignments, with instructor feedback and support.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Restrictions: Instructor Permission Required.

Requisite Courses: UIC-2210, or UIC-1001 and one other core course in UIC [prerequisite(s)].

UIC-3010 (3) Two-Spirit, Indigiqueer & Indigenous LGBTQ Realities (3 hrs Seminar/Discussion) This course examines Two-Spirit, Indigiqueer, and Indigenous LGBTQ identities, realities, and selected issues. Among other topics, we explore Indigenous conceptions of gender and sexuality, colonial impacts upon Indigenous gender and sexual diversity, relationships between queer Indigenous community and the mainstream LGBTQ community, as well as Two-Spirit resurgence and self-determination especially in an urban context. Students learn to identify characteristics of nation-specific Indigenous concepts of gender and sexuality as well as ongoing colonial impacts.

Cross-listed: IS-3011.

Restrictions: Students may not hold credit for this course and IS-3011.

UIC-3020 (3) Women and the Inner City (3 hrs Lecture/Seminar) 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 positioning. Within this larger context, special attention is paid to the specific issues and problems related to the experience of urban Indigenous women, new immigrant women, underemployed women and street-involved women.

Cross-listed: WGS-3020(3).

Restrictions: Students may not hold credit for this course and WGS-3020.

UIC-3025 (3) Issues in Sustainable Cities (3 hrs Lecture) 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 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.

Cross-listed: ENV-3025(3).

Restrictions: Students may not hold credit for this course and ENV-3025.

Requisite Courses: GEOG-2414, or the former GEOG-2404, or UIC-1001, or permission of the instructor (must be taken previously or at the same time as this course).

UIC-3030 (3) Urban and Community Planning (3 hrs Lecture) Urban planning shapes the city spaces where we live, work, and play, and affects the well-being of all urban dwellers. Students critically examine planning history, theory, and practice in local context, with an emphasis on understanding values, power, and process. Students explore planning at city and neighbourhood scales through assignments, activities, and field trips that highlight current issues and planning strategies for equity and transformation. Topics may include community leadership and participation in planning, Indigenous urban planning, planning as social control, and planning for sustainable and equitable cities.

Cross-listed: GEOG-3432(3).

Restrictions: Students may not hold credit for this course and GEOG-3432.

Requisite Courses: UIC-1001 or UIC-2001 or GEOG-1105 or the previous GEOG-1103, or permission of the instructor [prerequisite(s)].

UIC-3036 (3) History of Winnipeg's Inner City (3 hrs Lecture) Students analyze and take inspiration from Winnipeg's history of inner-city counterplanning, investigating the emergence and political function of the term "inner city" in Winnipeg, especially its role as a coalition-building identity. Students trace how innercity conditions have been produced not simply by top-down processes such as neoliberalism but by local movements that mediate such processes. Students read this history not only as a chronicle of social action but as a regional epistemological tradition and body of critical urban theory. Topics include the Inner City Committee for Rail Relocation, Inner City Voice newspaper, and the Community Inquiry Into Inner City Revitalization.

Cross-listed: HIST-3516(3).

Restrictions: Students may not hold credit for this course and HIST-3516.

UIC-3050 (3) Immigration and the Inner City (3 hrs Lecture) Migration and human mobility shape our relationships with places and with each other. Students examine and discuss global population movements from a critical perspective, exploring intersections between migration, citizenship and belonging, and the city. Topics include borders and immigration control; historical and recent trends in migration-related state policies; forced

migration and refugee experiences; newcomer integration and place-making; labour mobility and precarity; and migrant justice activism. Students develop skills in researching, analyzing, and communicating information relevant to contemporary migration debates, and gain a theoretical and practical understanding of the processes shaping migration and settlement, with a focus on inner-city contexts.

UIC-3060 (3) Confronting Racism and Oppression (3 hrs Lecture) This course helps students understand what racism is, how it's expressed in Winnipeg's inner city and what factors contribute to its existence. The course provides practical tools for confronting racism, awareness and skill-building around dealing with internalized racism, and guidelines to becoming an ally with those experiencing the brunt of oppression that racism creates. The course emphasizes student participation and discussion and in-depth analysis of ideologies that underlie race-based practices, specifically with respect to Indigenous populations.

Restrictions: Students who have credit for UIC-3100 when the topic was Confronting Racism cannot take this course for credit.

UIC-3100 (3) Issues in Urban and Inner-City Studies (3 hrs Lecture) This 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-3125 (3) The Intergenerational Legacy of Residential Schools (3 hrs Lecture) The residential school system was a mandatory school system for all Aboriginal children. The objective of these schools was to extinguish Aboriginal culture and language from the Canadian landscape. The first school opened in the late 1800's and the last school closed in the 1980's. The result from this long history is a legacy that impacts all Canadians and Aboriginal peoples. This course examines the impact of the residential school system in a variety of areas such as the loss of language and culture, loss of parenting skills, (especially mothering), as well as settler and Aboriginal relations.

Cross-listed: IS-3125(3).

Restrictions: Students may not hold credit for this course and IS-3125.

Requisite Courses: IS-1016 (or HIST-1009) and IS-1017, or the former IS-1015 [prerequisite(s)].

UIC-3210 (3) Community Organizing for Social Justice (3 hrs Seminar/Discussion) This course examines a range of strategies for promoting change in urban settings. Students study theories and historical examples of various kinds of social justice-focused community organizing. Local, national and international cases are examined. Examples may include, but are not limited to: neighbourhood-level organizing; feminist approaches to organizing; youth-led organizing, Indigenous models of organizing; forms of civil disobedience; policy advocacy and lobbying; and the use of the media in community organizing.

Cross-listed: IDS-3210(3).

Restrictions: Students may not hold credit for this course and IDS-3210.

UIC-3220 (6) Community Advocacy Internship (3 hrs Apprenticeship/Internship/Practicum | 3 hrs Lecture) This experiential learning course provides students an opportunity to put advocacy theories into practice through an internship with a community-based organization. Prior to the beginning of the course, the instructor works with students to identify a placement aligned with their specific advocacy interests and acts as a liaison between the placement supervisor and students. In addition to attending an internship one day (6 hrs.) per week, students participate in a monthly seminar led by the instructor. Students write reflection papers on their workplace experiences in relation to advocacy theories and prepare a final paper and class presentation.

Restrictions: Students may not hold credit for this course and UIC-3001.

Requisite Courses: UIC-2210 [prerequisite(s)].

UIC-3230 (6) Inner-City Work Study (Apprenticeship/Internship/Practicum | 6 hrs Seminar/Discussion) Inner-City Work Study is a summer intensive course that brings students from diverse backgrounds together to work and learn in the inner city. In the spirit of reconciliation and building bridges toward a city free from racism and exclusion, students explore theories of community practice toward transformative change, guided by anti-oppressive and social justice frameworks. Students put theory into practice through a paid 4-month summer internship with a community-based non-profit organization. The intensive work/study program provides students the unique opportunity to combine scholarly learning with summer employment where they will gain valuable experience while contribute to the inner-city community.

Restrictions: Department Permission Required.

Requisite Courses: Students will have completed a minimum of 3 credit hours in an Urban and Inner-City Studies course [prerequisite(s)].

UIC-3240 (3) Poverty and the Law (3 hrs Lecture) 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 the 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.

Note: This course was formerly numbered UIC-3040 and had the same subject material.

Restrictions: Students may not hold credit for this course and UIC-3040.

UIC-3330 (3) Solidarity and Social Economy in the City (3 hrs Lecture) Social economy encompasses cooperatives, commercially-oriented social enterprises, voluntary organizations and charities, community organizations and neighbourhood groups. It stretches

across to the domestic economy of families. This course examines the marginalized or invisible value in largely non-market and non-monetized activities in the city -- the informal and autonomous ways in which we meet our needs. It introduces models of welfare pluralism and examines highly productive activities that are based on democratic solidarity.

Cross-listed: UIC-4330(3).

Restrictions: Students may not hold credit for this course and UIC-4330.

Requisite Courses: UIC-2001 or permission of the instructor [prerequisite(s)].

UIC-3430 (3) Housing and the Neighbourhood (3 hrs Lecture) Housing is fundamental for the stability and security of our social, emotional, and economic lives. Students learn about concepts related to housing markets and the history of shelter. Topics include housing insecurity and homelessness, affordability and financialization, housing forms within the urban landscape, and residential mobility and neighbourhood change. Students explore the spatial implications of housing, and discuss and examine policy and program responses to housing-related issues by governments and community groups, with a focus on inner-city issues, the right to housing and housing activism.

Cross-listed: GEOG-3430(3).

Restrictions: Students may not hold credit for this course and GEOG-3430.

UIC-3603 (3) Winnipeg and the Environment: A Case Study Approach (3 hrs Lecture) 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 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.

Cross-listed: ENV-3603(3).

Restrictions: Students may not hold credit for this course and ENV-3603.

Requisite Courses: ENV-1600 or the former ENV-2600 or permission of the instructor [prerequisite(s)].

UIC-4001 (3 or 6) Directed Readings in Urban and Inner City Studies (3 hrs Directed Reading) This course provides the students 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.

Note: Permission of the instructor is required.

UIC-4010 (3) Urban Poverty (3 hrs Seminar/Discussion) Poverty in urban centres has become a particularly serious problem in the late 20th-early 21st centuries. It differs, in many important respects, from the urban poverty of earlier generations. What are its distinguishing features? Why has

it emerged at the time and in the form that it has? What modes of explanation can best guide us to a better understanding of this poverty? This course attempts to answer such questions, examining some theoretical works that address contemporary urban poverty.

Requisite Courses: A minimum of 6 credit hours in UIC courses or permission of the instructor [prerequisite(s)].

UIC-4020 (3) Inner-City Workshop (3 hrs Seminar/Discussion) This course combines theory and practice in the study of the dynamics of low-income inner-city communities. The course includes an examination of some recent literature on the phenomenon of low-income inner cities. It also features a practicum placement -- three hours per week -- with an inner-city community-based organization, and a term paper based on primary research on an inner-city topic, preferably related to the practicum assignment. Students develop research skills in a hands-on fashion, while being exposed to the practical realities of day-to-day life in the inner city.

Restrictions: Department Permission Required.

Requisite Courses: A minimum of 6 credit hours in Urban and Inner City Studies courses [prerequisite(s)].

UIC-4330 (3) Solidarity and Social Economy in the City (3 hrs Lecture) Social economy encompasses cooperatives, commercially-oriented social enterprises, voluntary organizations and charities, community organizations and neighbourhood groups. It stretches across to the domestic economy of families. This course examines the marginalized or invisible value in largely non-market and non-monetized activities in the city -- the informal and autonomous ways in which we meet our needs. It introduces models of welfare pluralism and examines highly productive activities that are based on democratic solidarity.

Cross-listed: UIC-3330(3).

Restrictions: Instructor Permission Required. Students may not hold credit for this course and UIC-3330.

Requisite Courses: UIC-2001 or permission of the instructor [prerequisite(s)].

UIC-4445 (3) Urban Indigenous Seminar (3 hrs Lecture) This seminar examines selected topics dealing with urban Indigenous issues. Topics may include the viability of urban Indigenous governance, urban reserves, and Indigenous education and economic development issues in the inner city. The issue of differing conceptions of Indigenous representation and identity held by various Indigenous organizations is a particularly challenging and contentious issue in the urban context. The portability and applicability of Indigenous 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 Indigenous people in the urban environment.

Cross-listed: ANTH-4145(3) and IS-4445(3).

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4145 | IS-4445.

Requisite Courses: A minimum of 6 credit hours in UIC courses or permission of the instructor [prerequisite(s)].

UIC-4520 (3) Theories of Urban Poverty (3 hrs Lecture)

This seminar analyzes and evaluates the works of various social scientists who have written about urban poverty in the late 20th and early 21st centuries. The course addresses issues such as the causes of today's urban poverty, the ways in which urban poverty today differs from earlier forms, the relationship between urban poverty and global economic forces, and the relationship between urban poverty and drugs, gangs and violence. Writers studied may vary from year to year.

Cross-listed: POL-4520

Restrictions: Instructor Permission Required. Students may not hold credit for this course and POL-4520.

WOMEN'S AND GENDER STUDIES

WGS-1232 (6) Introduction to Women's and Gender Studies (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion)

This course introduces theories, methods, and issues of Women's and Gender Studies, focusing on contemporary feminist scholarship and movement in North America. It explores how gender intersects with systems of power and inequality, including sexism, colonialism, racism, homophobia, transphobia, and class discrimination to shape lived experience. It builds on the intersectional premise that sex, gender, and sexuality are inextricable from other social differences, such as race, ethnicity, religion, class, language, age, and (dis)ability in the construction of identity. Course materials may include scholarly literature, case studies, fiction, new media, film and video, art, and other forms of feminist cultural production.

Note: Students with standing in WGS-1232(6) may not receive credit for the former 95.2332(6) offered prior to 1988. This course is required for majors, Honours, and minors in Women's and Gender Studies.

WGS-2003 (3) Storytelling and Social Change (1.5 hrs

Lecture | 1.5 hrs Seminar/Discussion) Why do stories matter? This interdisciplinary course introduces students to the power of stories. We think about storytelling as a form of knowledge and cultural production that informs understandings of gender, race, sexuality, and their interrelationships. Narrative, in its various forms, can challenge and elicit social movements, subvert, or reinforce asymmetrical structures of power, and shape histories. Together we examine stories and the narratives they advance as they emerge from diverse epistemological sites such as oral traditions, intergenerational knowledge sharing, various media, archival documents, and art and creative practices.

Experimental Course - This course is offered on a trial basis to gauge interest in the topic. Students who successfully complete this course receive credit as indicated.

Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-2251 (3) Decolonizing Gender, Race, and Nation

(1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course explores decolonization through contributions by Indigenous, feminist, and postcolonial academics, activists and artists/cultural producers to better understand what it means to inhabit Turtle Island. Notions of nationhood and citizenship are troubled using an interlocking feminist frame of analysis/praxis with particular attention to intersections of gender, race, class, and sexuality. As class participants, students learn how to locate ourselves in our own differing relations to Turtle Island. Key concepts include (but are not limited to) home, belonging, colonization, Indigeneity, sovereignty, exile, diaspora, nation, nationalism, multiculturalism, marginalization, exclusion, citizenship, cultural activism, democracy, and resistance.

WGS-2256 (3) Feminisms, Technologies, and Digital Praxis (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion)

This course is an introduction to digital media and feminist culture jamming. It explores feminist practice through the

use of various interactive media technologies which may include software, social media platforms, internet publishing, gaming, virtual/augmented reality and digital audio/video in the virtual praxis of feminisms. It also examines how feminist digital practices resist and disrupt the occupation of public space and imagination by corporate and mainstream media. Course materials focus on the transformative potential of digital media and culture jamming as tools for social change and worldmaking.

WGS-2258 (3) Boys, Men, and Masculinities in Media

(1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course examines how diverse constructions of boys and men are represented and presented in media and popular culture. Using intersectional feminist, queer, trans, anti-colonial, critical race, cultural, and/or men's studies theories, we consider how social, economic, cultural, and political conditions influence representation. We focus on North American masculinities, including diasporas, examining gender, race, class, age, sexuality, Indigeneity, nationality, ethnicity, ability, and/or other sociocultural locations. Genres considered may include westerns, comedies, dramas, documentaries, and action. Areas considered may include sports, work, health, family, relationships, and violence.

WGS-2260 (3) Girls, Women and Popular Culture (1.5

hrs Lecture | 1.5 hrs Seminar/Discussion) This course examines how diverse constructions of girls and women are represented and presented in media and popular culture. Using intersectional feminist, queer, trans, anti-colonial, critical race, cultural, and/or girlhood studies theories, we consider how social, economic, cultural, and political conditions influence representation. We focus on North American experiences, including diasporas, examining gender, race, class, age, sexuality, ethnicity, Indigeneity, nationality, ability, and/or other sociocultural locations. Areas considered may include embodiments, justice, wonder, sites of resistance, subversive or oppositional readings, and the power of narrative.

WGS-2262 (3) Sex, Sexuality, Gender, and Media

Cultures (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Using multidisciplinary and interdisciplinary perspectives, this course addresses how gendered analysis - intersectional feminist, queer, trans, postmodern, anti-colonial, cultural, and critical race theory - illuminates popular media, including film, television, streaming, social media, and digital content. We explore the transformative potential of popular media cultures to re-imagine hegemonic and mainstream notions of sex, sexuality, gender, race, class, age, ethnicity, Indigeneity, nationality, and/or ability, among others. We examine genres, creators, audiences, performers, and/or texts. Possible objects of analysis include soap operas, horse operas, documentaries, reality TV, parasocial relationships/interactions, intercultural cinema, transnational video art, cinematic transgender and transbiology, and representations of violence.

WGS-2264 (3) Disabilities and Sexualities (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Ableism and risk of

disadvantage or discrimination are clear, yet focus on equity, employment access, services, and physical health needs may render invisible issues of sexual health, identity, and expression of disabled people. This course embraces social models and explores implications of challenging bio-medical views of sexualities and disabilities, focusing on if, or how, disabled people embrace their sexualities and/or are prevented from doing so. Students explore these topics from critical disability, feminist, queer, and intersectional perspectives. Recognizing and balancing complex and sometimes apparently competing self-identities and needs are integral from a disability justice perspective.

Cross-listed: DIS-2200(3).

Restrictions: Students may not hold credit for this course and DIS-2200.

Requisite Courses: DIS-1003 and DIS-1004 or WGS-1232 or 30 credit hours [prerequisite(s)].

WGS-2270 (3) Food Cultures, Sex, and Gender (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) Using multidisciplinary and interdisciplinary perspectives, this course addresses how gendered analysis, including feminist, queer, postmodern, postcolonial, and critical race theory illuminates the cultures of food and food's complex relation to human societies. The course examines such topics as cross-cultural perspectives on eating behaviours; gender and food systems; recipes, cookbooks, and menus as texts; food and the body; social construction of culinary practices, beliefs, and traditions; politics of family and meals; psychological, cultural, and social determinants of taste; malnutrition, hunger and food security; food in fiction, film and art; social and cultural dimensions of food technologies; and the political economy of the global food system.

WGS-2333 (3) Early Feminist Thought, Movement, and Activism (1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This lecture/seminar course provides an overview of feminist concepts to the end of the 20th century, and their implications for current feminist theory and practice through a combination of lectures, presentations, films, and seminar discussions. The course addresses feminist thought, movement, and activism from cross-cultural beginnings to more recent forms and the bases, background, and fundamentals needed to understand current feminisms and feminist theorizing. We look at gender-based critiques of traditional disciplines and their concepts, as well as the development of issues currently of concern to feminisms, including such areas as colonialism, racism, homophobia, gender diversity, and sexualities. This course is required for majors, Honours, and minors in Women's and Gender Studies.

Restrictions: Students may not hold credit for this course and WGS-3301.

Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-2416 (3) Sex, Gender, Space and Place (3 hrs Lecture) This course examines, from interdisciplinary perspectives including those of Women's and Gender 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 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.

Cross-listed: GEOG-2416(3) and ENV-2416(3).

Restrictions: Students may not hold credit for this course and ENV-2416 | GEOG-2416.

Requisite Courses: GEOG-1105 or GEOG-1102 or GEOG-1103, or ENV-1600, or WGS-1232 or permission of the instructor or permission of the chair [prerequisite(s)].

WGS-3001 (6) Indigenous and Critical Race

Feminisms (3 hrs Lecture/Seminar) Indigenous and racialized scholars, activists, and artists are leading the way in intersectional feminisms. This course acquaints students with issues such as identity, gender, representation, race, sovereignty, land, settler colonialism and decolonization. Students explore Indigenous, critical race and anti-racist feminist theories that resist colonial violence, gendered, and racialized representations of ethnicity. The theoretical frameworks of Indigenous women and women of colour are central to this course, and we examine and locate our understanding of our feminist practices through these theoretical frameworks.

Restrictions: Students may not hold credit for this course and WGS-3500 when the topic was Anti-Racism and Indigenous Feminisms.

Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3003 (3) Gender, Sex, Sexuality and Science

(1.5 hrs Lecture | 1.5 hrs Seminar/Discussion) This course raises feminist questions about how science and scientists address concepts of gender, sex and sexuality. Using anti-racist, decolonial and intersectional approaches, we investigate how concepts of human gender, sex, and sexuality have been constructed. More specifically, how biology has been invented and is understood by science and the medical profession. We examine the various outcomes and repercussions of these narratives for people across the gender spectrum. We address the ways in which these perceptions of biology, sex, gender and sexuality may influence people's lives and investigate various strategies currently used to challenge problematic and erroneous attitudes and practices.

Requisite Courses: WGS-1232 or the former WGS-2301 or permission of the instructor [prerequisite(s)].

WGS-3004 (3) Women, Health and the Environment

(3 hrs Seminar/Discussion) 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.

Cross-listed: ENV-3004(3).

Restrictions: Students may not hold credit for this course and ENV-3004.

Requisite Courses: WGS-1232 or the former WGS-2301 or permission of the instructor [prerequisite(s)].

WGS-3006 (3) Embodied Subjects (3 hrs

Seminar/Discussion) This course uses an intersectional approach to embodiment that attends to how constructions of class, debility, disability, frailty, gender, race, sexuality, and other social differences come to figure in experiences and understandings of the body. We think about bodies as sites not only of social inscription but also of agency and possibility and highlight feminist and crip activism. What is embodiment? What is a subject? How are subjects embodied? What are the implications of embodied subjectivity? Why are some humans perceived as more embodied than others and how do the above constructions affect those perceptions?

Cross-listed: DIS-3006(3).

Restrictions: Students may not hold credit for this course and DIS-3006.

Requisite Courses: WGS-2333 or DIS-2100 or permission of WGS Chair or DS Coordinator or instructor [prerequisite(s)].

WGS-3020 (3) Women and the Inner City (1.5 hrs

Lecture | 1.5 hrs Seminar/Discussion) 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 positioning. 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).

Restrictions: Students may not hold credit for this course and UIC-3020.

WGS-3040 (6) Feminist Cultural Productions (3 hrs

Seminar/Discussion) This interdisciplinary course explores a wide range of cultural practices such as performance, poetry, zines, crafting, street art, video and film, radio, spoken word, comics, and hypertext, to develop connections among artistic practices and feminist theory. To understand the economic, political and social conditions that women artists face, we investigate cultural production by women artists and critically engage a wide range of feminist culture and practices. We explore concepts such as interpretation, representation, cultural production, appropriation, censorship, voice, the body, identity, cultural democracy, and cultural resistance. Topics may vary. Students develop their own creative work.

Cross-listed: WGS-4040(6).

Restrictions: Students may not hold credit for this course and WGS-4040.

Requisite Courses: WGS-1232 or permission of the instructor [prerequisite(s)].

WGS-3200 (6) Intersectional Feminist Research

Methods (3 hrs Seminar/Discussion) This experiential learning course takes students through the process of designing and piloting an intersectional qualitative feminist research project. We explore issues central to feminist knowledge creation like methodology, ethics, power, authority, representation, and reflexivity. Steps include choosing a topic, obtaining bibliographic background, developing a research question, research ethics training, choosing research methods, writing a research proposal which must be approved by the WGS Research Ethics Committee, conducting preliminary research with participants, and presenting preliminary results. Discussions of readings, seminars on feminist research methods, and workshops on how to apply those research methods comprise the main content.

Requisite Courses: WGS-1232 and WGS-2333 or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-3302 (3) Contemporary Feminist Theories (1

hrs Lecture | 2 hrs Seminar/Discussion) This lecture/seminar course delves into contemporary feminist theories beginning in the 21st century and their implications for feminist practice through a combination of lectures, presentations, films, and seminar discussions. It addresses current concepts and issues of concern for feminist theorizing, activism, and praxis. It explores a range of theoretical frameworks such as critical race feminisms, transnational, anti-capitalist, and anti-imperialist feminisms, Indigenous feminisms, and queer and trans theorizing of gender and sexuality for their ability to help us better understand the changing realities of people's lived experiences. This course is required for majors, Honours, and minors in Women's and Gender Studies.

Requisite Courses: WGS-2333 [prerequisite(s)].

WGS-3321 (3) Gender and Organizations (1.5 hrs

Lecture | 1.5 hrs Seminar/Discussion) Exploring gender's relevance to organizations of various types, including corporations and not-for-profits, this course addresses how gendered analysis can benefit a variety of perspectives on organizations. Taking critical and postmodern approaches to organizational theory and practice, the course considers gender with respect to such topics as leadership; management; communication; conflict resolution; diversity, inclusion, and intersectionality; power; negotiation; organizational change; organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.

Cross-listed: BUS-3321(3) and POL-3321(3).

Restrictions: Students may not hold credit for this course and BUS-3321 | POL-3321.

Requisite Courses: WGS-1232, BUS-2103(3) or POL-2300(3), or permission of the instructor [prerequisite(s)].

WGS-3500 (6) Special Topics in Women's and Gender

Studies (1 hrs Lecture | 2 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's & Gender Studies Department for details.

Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3501 (3) Special Topics in Women's and Gender Studies (1 hrs Lecture | 2 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's & Gender Studies Department for details.

Requisite Courses: WGS-1232 [prerequisite(s)].

WGS-3900 (6) Directed Readings (3 hrs Directed Reading) 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.

Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

Restrictions: Department Permission Required. Instructor Permission Required.

Requisite Courses: WGS-2333 and WGS-3302 or the former courses: WGS-2250 or WGS-3301 or WGS-3300 or WGS-3232 and permission of the Department Chair and of the instructor [prerequisite(s)].

WGS-3901 (3) Directed Readings (3 hrs Directed Reading) 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.

Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

Restrictions: Department Permission Required. Instructor Permission Required.

Requisite Courses: WGS-2333 and WGS-3302 or the former courses: WGS-2250 or WGS-3301 or WGS-3300 or WGS-3232 and permission of the Department Chair and of the instructor [prerequisite(s)].

WGS-4000 (9) Women's and Gender Studies

Practicum (1.5 hrs Project / Thesis | 1.5 hrs Seminar/Discussion) Students engage in a feminist practicum project with a Manitoba organization involved in feminist work. The first term (3 credit hours) will be spent linking issues of feminist theory and practice, and developing a meaningful work project with an organization. In the second term (6 credit hours), students will complete the work project, meet periodically with the class to report on progress, and share strategies and knowledge. Students present their final report at the WGS Colloquium. The nature of the project is decided by the student, in consultation with their instructor and practicum supervisor. Students arrange their own placement with an organization, subject to instructor approval.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4004 (3) Cultural Studies and Feminism (3 hrs Seminar/Discussion) The field of cultural studies has been shaped by encounters between several forms of inquiry including but not limited to feminist critique, class-conscious ethnic and critical race studies, psychoanalysis,

anthropology, sociology, education, folklore studies, indigenous, postcolonial, and diasporic studies, as well as studies in communications and media, literature, visual arts, and the performing arts. This seminar style course highlights feminist engagements with the interdisciplinary field of cultural studies. Specific themes in the course vary by instructor.

Restrictions: Honours Form Required. Students may not hold credit for this course and ANTH-4106 | POL-4415 | WGS-4000 | WGS-3232 | WOM-2200.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4040 (6) Feminist Cultural Productions (3 hrs Seminar/Discussion) This interdisciplinary course explores a wide range of cultural practices such as performance, poetry, zines, crafting, street art, video and film, radio, spoken word, comics, and hypertext, to develop connections among artistic practices and feminist theory. To understand the economic, political and social conditions that women artists face, we investigate cultural production by women artists and critically engage a wide range of feminist culture and practices. We explore concepts such as interpretation, representation, cultural production, appropriation, censorship, voice, the body, identity, cultural democracy, and cultural resistance. Topics may vary. Students develop their own creative work.

Cross-listed: WGS-3040(6).

Restrictions: Honours Form Required. Students may not hold credit for this course and WGS-3040.

Requisite Courses: WGS-1232 or permission of the instructor [prerequisite(s)].

WGS-4100 (6) Queer Studies in the Global

Postmodern (3 hrs Seminar/Discussion) This course introduces queer theories in the context of global postmodern culture. It builds on the premise that sex, gender, and sexuality intersect with other relations such as class, disability, race, ethnicity, citizenship, language, and religion. Course materials trace foundational texts in queer theory from feminist, poststructuralist, and gay and lesbian studies, as well as developments that have emerged in light of bisexual, transgender, indigenous, postcolonial, and diasporic critiques. This course also insists upon the relevance of queer studies for considering conflicts of national and trans-national consequence including neo-colonialism, globalization, citizenship, immigration, war, terrorism, and human rights.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4200 (3) Advanced Feminist Theory

(3 hrs Seminar/Discussion) 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.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor

or the Department Chair [prerequisite(s)].

WGS-4232 (3) Capstone: Activating Your Feminisms (3 hrs Seminar/Discussion) This course moves students toward the work, activism, and study they will conduct following graduation. It examines the academy and other workplaces as gendered locations, from theoretical and practical perspectives. Students learn strategies and techniques for success in applying for and working within graduate programs and workplaces. This capstone seminar accommodates discussions of students' specific current research and fosters knowledge mobilisation at conferences and meetings including the annual WGS Colloquium and, when appropriate, publication. The seminar gives students the opportunity to work collectively, listen, read purposively, and constructively critique and support each other's work.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4400 (6) Advanced Topics in Women's and Gender Studies (3 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's and Gender Studies Department for details.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4401 (3) Advanced Topics in Women's and Gender Studies (3 hrs Seminar/Discussion) This course focuses on a specific theme, author, movement, approach or theory in Women's and Gender Studies. Students should consult the Women's and Gender Studies Department for details.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302, or permission of the instructor or the Department Chair [prerequisite(s)].

WGS-4500 (6) Honours Thesis and Colloquium (3 hrs Project / Thesis) The Honours Thesis and Colloquium will be taught on an individual basis through an arrangement between the professor and student. 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 and Gender Studies courses. When scheduling permits, the honours Thesis is presented in the annual WGS Student Colloquium.

Restrictions: Honours Form Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302 [prerequisite(s)]; AND at least one additional 3 credit hour course in Women's & Gender Studies, and permission from the Department Chair [prerequisite(s)].

WGS-4900 (6) Directed Readings (3 hrs Directed Reading) 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.

Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302 AND at least one additional 3 credit hour course in Women's & Gender Studies, and permission from the Department Chair [prerequisite(s)].

WGS-4901 (3) Directed Readings (3 hrs Directed Reading) 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.

Note: Students may take a maximum of 12 credit hours of Directed Readings towards the degree.

Restrictions: Honours Form Required. Instructor Permission Required.

Requisite Courses: WGS-2333 (or the former WGS-3301) and WGS-3302 AND at least one additional 3 credit hour course in Women's & Gender Studies, and permission of the Instructor and the Department Chair [prerequisite(s)].