THE UNIVERSITY OF WINNIPEG | Sustainability

University of Winnipeg Sustainability Course Index

This index was last updated July 2024. Please check the University of Winnipeg's academic calendar to determine which courses are currently being offered.

Sustainability Designations:

F: Sustainability Focused (sustainability is the primary focus of the course)

I: Sustainability Inclusive (sustainability topics aren't the primary focus, but are incorporated in a prominent way)

ANTHROPOLOGY			
Title	**Course #**	**Description**	**Sustainability Designation**
Introductory Biological Anthropology and Archaeology	ANTH-1003	Components on adaptive strategies, cultural ecology, traditional ecological knowledge and carrying capacity, especially among foraging, horticultural and agricultural societies (past and present).	I
Ethnography of North American First Peoples	ANTH-2103	Components on adaptive strategies, cultural ecology, traditional ecological knowledge among North American Indigenous peoples.	I
Medical Anthropology	ANTH-2119	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	I

		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.	
Indigenous People and the Industrial State	ANTH-2160	Components on adaptive strategies, cultural ecology, traditional ecological knowledge among Indigenous around the world highlights the impact of Industrial States on the lifeways of Indigenous peoples.	I
Archaeology of North America	ANTH-2202	Components on cultural ecology, traditional ecological knowledge among North American Indigenous people as revealed through archaeological evidence.	I
Rise of Old-World Civilization	ANTH-2211/CLAS-2004	Components on the origins of agriculture in North, Central and South America and the impact this had on the environment and the development of ancient states.	I
Indigenous people of central Canada	ANTH-3113/4113	Focus on traditional ecological knowledge of Cree and Ojibwe peoples in Manitoba, Ontario and Quebec.	I
Aboriginal Peoples of Arctic Canada	ANTH-3120/HIST-3522	Focus on adaptive strategies, cultural ecology, traditional ecological knowledge among the Inuit.	I
Material Culture in the History of the Aboriginal Peoples of Canada	ANTH-3126/HIST-3515	Components on how the technology of Indigenous peoples in Canada was ecologically adaptive.	I
History of the Aboriginal Peoples of the Northern Plains	ANTH-3127/HIST-3518	Components on cultural ecology, traditional ecological knowledge among North American Indigenous peoples.	I

History of the Iroquoian Peoples	ANTH-3132/HIST-3532)	Components on cultural ecology, traditional ecological knowledge among the Iroquoian peoples.	**I**
Ethnoecology: A Research Approach	ANTH-3170/IS-3012	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.	**I**
Biocultural Diversity Conservation	ANTH-4024/IS-4024	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.	**F**
Urban Indigenous Seminar	ANTH-4145/IS-4445	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.	**I**
BIOLOGY			
Title	**Course #**	**Description**	**Sustainability Designation**
Biology and Human Concerns	BIOL-1102	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.	**F**

Environmental Biology	BIOL-1106	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	**F**
Evolution, Ecology and Biodiversity	BIOL-1116	Touches on issues related to sustainability throughout; distinct sections on conservation and restoration ecology.	**I**
Freshwater Ecology	BIOL-3401	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.	**I**
Principles of Silviculture	BIOL-3473	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	**I**

Forest Policy and Management	BIOL-3476	Focuses on the principles and practices of sustainable forestry in Canada.	**F**
Ectoparasitology	BIOL-3703	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	**I**
Parasites and Disease	BIOL-3702	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.	**I**

Microbial Ecology	BIOL-3902	This course examines the ecologically important activities of microorganisms, including interactions between microorganisms, plants, and animals; the cycling of carbon, nitrogen, sulfur, 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.	**I**
Microorganisms and Disease	BIOL-3901	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 defense mechanisms. Attention will also be paid to diseases of important animal species and to plants of economic importance	**I**
Fish Biology and Conservation	BIOL-4112	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.	**I**

Water Quality and Health	BIOL-4411	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	**F**
Forest Health and Protection	BIOL-4474	Focuses on the effect of fire, insect, disease and abiotic disturbances on the sustainable management of commercial forests in Canada.	**F**
Urban Forestry	BIOL-4475	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	**F**
DISABILITY STUDIES			

Title	Course #	Description	Sustainability Designation
Introduction to Disability Studies I	DIS-1003	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.	I
Introduction to Disability Studies II	DIS-1004	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	I
Theorizing Disability	DIS-2100	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	I

		gender. In this course, we will consider the implications of the social model of theorizing disability, examine the critiques, and explore the alternatives.	
Disabilities, Sexualities, and Rights	DIS-2200	Links between living with disabilities 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 people with disabilities. This course embraces social models and explores human rights implications of challenging bio-medical views of sexualities and disabilities, focusing on how people with disabilities embrace their sexualities and/or are prevented from doing so. Students explore these topics from critical disability, feminist, and queer perspectives. Recognizing and balancing complex and sometimes apparently competing self-identities and needs are integral from a human rights perspective.	I
BUSINESS ADMINISTRATION			
Title	**Course #**	**Description**	**Sustainability Designation**
Co-operative and Credit Union Accounting and Performance Measures	BUS-3302	Examines the strategies that co-operative firms have adopted to measure social, cultural and environmental contributions to their communities and how these measurements assist co-operatives in developing sustainable business practices. There is a review of co-operative and credit union accounting and performance measurement for sustainable communities.	I
Gender and Organizations	BUS-3321	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;	I

		organizational justice; ethics; healthy workplaces; volunteer workers; management; human resources; and globalization.	
Supply Chain Management	BUS-3510	Sustainable supply chains. Topics include closed loop supply chains, reverse logistics, EPR and other environmental and social implications of supply chains	**I**
Leadership and Fairness in Complex Organizations	BUS-4460	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	**I**
CHEMISTRY			
Title	**Course #**	**Type**	**Sustainability Designation**
Chemistry and Society/Environmental Issues in Chemistry	CHEM-2801	Fundamentals of chemistry are applied to examine a selected range of topics in the environmental, consumer, and health-related areas, such as plastics and recycling, food chemistry, pesticides, drugs, detergents, global warming and/or acid rain.	**F**

Environmental Chemistry	CHEM-3601	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.	**I**
Environmental Toxicology	CHEM-3611/ENV-3611	Provides an understanding of how and why chemicals may damage humans and other organisms; toxicological modelling and environmental risk assessment are introduced.	**I**
CLASSICS			
Title	**Course #**	**Description**	**Sustainability Designation**
Rise of Old-World Civilization	CLAS-2004/ ANTH-2211	Components on the origins of agriculture in North, Central and South America and the impact this had on the environment and the development of ancient states.	**I**
Ancient Environments and Ecology	CLAS-3910/4910	This course explores approaches, techniques, issues, and applications involved in the reconstruction of ancient environmental and ecological conditions and settings	**F**
Advanced Studies in Ancient Environments and Ecology	CLAS-4910	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.	**I**
CRIMINAL JUSTICE			

Title	Course #	Description	Sustainability Designation
Victimology	CJ-2125	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.	I
Race and the Criminal Justice System	CJ-3121	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.	I

Crime Prevention	CJ-3204	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.	**I**
Green Criminology	CJ-3223	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	**F**

Green Justice	CJ-3233	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	**F**
Gender and the Criminal Justice System	CJ-3444	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	**I**
ECONOMICS			
Title	**Course #**	**Description**	**Sustainability Designation**

Economics of Natural Resource Extraction	ECON-2311	Examines economic models of resource extraction and harvesting through time; renewable and non-renewable resources such as forestry, fisheries and fossil fuels are considered; an economic perspective of sustainability is introduced.	**F**
Indigenous Economic Development	ECON-2315	This course provides an overview on economic development issues in Indigenous communities and discusses issues of natural resource development, social enterprises, gaming in First Nations communities and urban reserves	**I**
Environmental Economics	ECON-2317	Examines the role of economics in decision-making about the environment.	**F**
Energy Economics	ECON-2318	Introduces students to the issues and policies pertaining to energy markets from an economic perspective; a case study for the demand for transportation energy will be used as a unifying theme throughout the course.	**F**
Gender and the Economy	ECON-3115	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	**I**

Economics of Health Care in Canada	ECON-3310	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	**I**
Topics in Mathematical Economics	ECON-4203	Some examples in class are related to sustainability; for instance, calculating the optimal catch rate for a fishery to get the economic benefit without depleting the resource, considering growth rate of the stock.	**I**
Topics in Environmental and Natural Resource Economics	ECON-4317	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.	**F**
EDUCATION			
Title	**Course #**	**Description**	**Sustainability Designation**
Introduction to Indigenous Education	EDUC-4410	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	**I**

		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.	
Teaching for Sustainability	EDUC-4603	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.	**F**
Early Years Curriculum, Instruction and Assessment: Social Studies	EDUC-4842	Introduces students to the instructional approaches and assessment techniques relevant to the teaching of Social Studies within the context of the Manitoba Education and Training curriculum framework for the early years; includes sustainability topics.	**I**
Middle Years Curriculum, instruction and Assessment: Social Studies	EDUC-4850	Introduces students to the instructional approaches and assessment techniques relevant to the teaching of Social Studies within the context of the Manitoba Education and Training curriculum framework for the middle years; includes sustainability topics.	**I**
Special Topics in Education: Field-Based Learning	EDUC-5001	Studies the principles, planning, and implementation of field-based learning resources. Place-based learning, the contextual model of teaching, organizing an educational field experience for museums, planetariums, zoos, nature centers, and natural environments, teachers and the law, school policies and procedures, and utilizing resources in industry and commerce.	**F**
Education for Peace and Sustainable Development	EDUC-5429	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	**I**

		examples of global education, peace education, capacity-building education, and social justice are explored, and literature linking peace education and sustainability is examined.	
Poverty and Potential	EDUC-5446	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.	**I**
Sex, Gender, Diversity	EDUC-5447	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.	**I**
Programming for Aboriginal Students	EDUC-5448	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.	**I**

ENVIRONMENTAL STUDIES			
Title	**Course #**	**Description**	**Sustainability Designation**
Human-Environmental Interactions	ENV-1600	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.	**F**
Environmental Justice in the Inner City	ENV-2060	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	**F**
Sex, Gender, Space, and Place	ENV-2416/GEOG-2416/WGS-2416	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	**I**

Sociology of the Environment	ENV-2502	Debates surrounding such concepts as sustainable development, deep ecology, environmental justice and global change are emphasized.	**F**
Voluntary Simplicity	ENV-2521	Considers the implications and applications of voluntary simplicity in addressing local and global issues, such as economic equity, environmental sustainability, community building, and quality of life.	**I**
Environmental Sustainability: A Global Dilemma	ENV-2603	Focuses on environmental factors relevant to understanding and implementing sustainable development; aims to teach students to understand fundamental ecological principles within the context of social values and technological constraints	**F**
Environment and Health	ENV-2604	Provides a scientific overview of selected chemical contamination issues, discusses relative risks of recognized and potential hazards, and assesses possible technical and regulatory solutions.	**I**
Women, Health and the Environment	ENV-3004	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	**F**
Issues in Sustainable Cities	ENV-3025	Addresses issues of sustainable urban development.	**F**
Law and the Environment	ENV-3035	Provides an introduction to Canadian environmental law, including common law an statutory regimes.	**F**

Environmental Governance for Sustainability	ENV-3602	This course examines current theoretical and analytical approaches useful for understanding environmental governance in today's complex problem domains. Focusing on the humandimensions 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	**F**
Winnipeg and the Environment: A Case Study Approach	ENV-3603	Focuses on the particular problems facing the City of Winnipeg in its interaction with the environment.	**F**
Business and the Environment	ENV-3606	Examines practical examples of ways in which business operations have responded to environmental and sustainability challenges and opportunities.	**F**
Forests and the Environment	ENV-3607	Provides students with the fundamental knowledge of the interactions between human and forest ecosystems; concepts underlying forest sustainability and forest conservation in a changing world are developed.	**F**
Forest Wildlife Management	ENV-3608	Focuses on the management of wildlife populations in forested environments in Canada; examination of forest biodiversity including conservation strategies.	**I**

Environmental Toxicology	ENV-3611/CHEM-3611	Provides an understanding of how and why chemicals may damage humans and other organisms; toxicological modelling and environmental risk assessment are introduced.	**I**
Environmental Impacts of Agriculture	ENV-3612	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.	**F**
Geographic Perspectives on Environment and Sustainability I	ENV-4450	Considers geographic and environmental approaches to sustainable staples-based development, particularly as they apply to water, energy and mining.	**F**
Forest Health and Protection	ENV-4474	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	**F**

Environmental Impact Assessment	ENV-4611	Explores the methodology of environmental impact assessment (EIA).	**I**
Critical Environmental Issues	ENV-4614	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.	**F**
Environmental Soil Science	ENV-4615	Provides students with a comprehensive knowledge of environmental issues related to soil science emphasizing the significant role soil plays in sustaining environmental quality.	**I**
Campus Sustainability	ENV-4616	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.	**F**

Ecology and Management of Species at Risk	ENV-4617	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	**F**
GEOGRAPHY			
Title	**Course #**	**Description**	**Sustainability Designation**
Introductory Human Geography II: Population, Place and Development	GEOG-1103	Focus on population change and migration, various forms of economic activity, urbanization, levels of development and the implications of changes in these theme areas will be emphasized for the environment.	**I**
Human Impact on the Environment	GEOG-2204	Studies the causes, effects, and controls of detrimental change to the natural environment resulting from human activity. Emphasis is given to issues pertaining to the alteration of ecosystems and the various types of water, air, and soil pollution	**F**
Natural Hazards	GEOG-2212	Examines the causes and characteristics of natural hazards. Emphasis is on the assessment of risk, the choice of adjustments, and differences between situations in developed and developing countries.	**I**
Agricultural Geography	GEOG-2401	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	**I**

Environmental Perception and Human Behaviour	GEOG-2408	Topics include perception of natural hazards, 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	**I**
Geography of Globalization	GEOG-2411	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 and environmental impacts. The course also examines the geopolitical changes in the role of the state, social movements, and information "warfare"	I
A Geographical Perspective on Tourism	GEOG-2412	Provides a broad overview of the world tourism industry that includes a geo-historical perspective on the origins, evolution, and growth of tourism; concepts of capacity and sustainable tourism are addressed.	**I**
The Urban Environment	GEOG-2414	Examines the structure and activities of cities and the resulting effects on the environment; approaches to developing more sustainable and environmentally sensitive cities are discussed.	**F**
Sex, Gender, Space, and Place	GEOG-2416/WGS-2416/ ENV-2416	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,	**I**

		sexuality, and other aspects of identity affect the transformation of space into place	
Sustainability: Resources, Policy and Activism in Canada	GEOG-2419	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	**F**
Climate Change and Variability	GEOG-3204	The causes and characteristics of regional and global climate change and variability will be examined, as will be the methods of reconstructing climate histories. Topics will include atmosphere teleconnections, global warming, and climate forecasting.	**F**
Hydrology	GEOG-3210	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 stream-flows, 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	**I**

Global Biogeochemical Cycles	GEOG-3218	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.	I
Urbanization in the Developing World	GEOG-3402	Explores the factors promoting urbanization in the developing world and discuss models of third world cities. Specific topics will include urban growth and management, urban services, squatter settlements, survival tactics of the urban poor, An Historic Context of Urbanization within Developing Nations, Urban Population Growth and Urban Environmental Matter	I
Water Resources	GEOG-3408	In predicting future Canadian needs for water, the relative merits of direct and indirect methods of forecasting are assessed.	I

Heritage Conservation and Tourism	GEOG-3411	Preservation, interpretation and management techniques and their relationship to the needs of the tourist industry will be discussed. Emphasis will be the problems of heritage resource development in North America, particularly Western Canada.	I
Urban Revitalization: Rebuilding of Decaying Cities	GEOG-3413	Focuses on urban decline and revitalization efforts; broad approaches to revitalization, revitalizing the commercial sector, attracting people back to the inner city, leadership and the role of partnerships, and planning for long term sustainability will be among the topics discussed.	I
Housing and the Neighbourhood	GEOG-3430	This course examines the complexity of shelter environments within the urban landscape. The focus is on the North American housing market, the history of housing, and the way in which traditional and non-traditional markets are defined and understood. The unique characteristics of the modern city are examined as they are manifested in homelessness, marginal housing forms, shelter-induced poverty, suburban decline, and inner-city issues. Emphasis is also placed on current/historical policy and program responses to housing-related issues at the neighbourhood, municipal, provincial, and federal level.	I

Healthy Communities and Cities	GEOG-3431	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	**I**
Urban Political Ecology I	GEOG-3435	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	**F**
Advanced Tourism and Recreation Geography	GEOG-3443-4443	Provides an overview of the world tourism industry and the impacts of tourism on their host communities. Concepts of capacity and sustainable tourism are addressed.	**I**

Geographical Issues in the Developing World	GEOG-3508	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.	I
The Human Geography of Northern Canada	GEOG-3512	Investigates contemporary issues in Canada's arctic and subarctic regions, focusing on the three territories. The purpose of this course is to provide students insight into how changes in the political, social and economic landscapes of these places impact the human geography of northern Canada.	I
Urban Land Use Developmental Processes	GEOG-4403	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	I
HISTORY			
Title	**Course #**	**Description**	**Sustainability Designation**

Business History	HIST-2120	Among other topics, this course discusses historical models of alternative ownership structures as ways of operating businesses in a more just and sustainable manner.	**R**
Environmental History of the Americas	HIST-2121	A survey of the environmental history of the Americas from the pre-Columbian civilizations. The course takes a hemispheric perspective to examine the many ways in which humans across the Americas have interacted with their natural environment, examining the impact of European colonization on the eco-systems. It talks about the effects of colonialization on natural environments	**R**
Topics in History of Food	HIST-3007	Investigates the historical significance of food production and consumption, including the development of a global industrial food system. The variety of approaches and the wide range of content in this comparatively new field of food history are discussed, including: gender, ethnicity, (trans)nationalism, and identity; business, labour, and capitalism, production and consumption; the role of government; the environment; the body; taste; memory.	**R**
History of Modern Architecture and Design	HIST-2814	Includes a unit on organicism. Architecture based on natural laws is explored as is how this attitude at the fin-de-siecle began a pan-western movement to preserve parkland, including city parks, such as Assiniboine Park in Winnipeg	**R**

Aboriginal Peoples of Arctic Canada	HIST-3522/ ANTH-3120	Focus on adaptive strategies, cultural ecology, traditional ecological knowledge among the Inuit.	I
Material Culture in the History of the Aboriginal Peoples of Canada	HIST-3515/ ANTH-3126	Components on how the technology of Indigenous peoples in Canada was ecologically adaptive.	I
History of the Aboriginal Peoples of the Northern Plains	HIST-3518/ ANTH-3127	Components on cultural ecology, traditional ecological knowledge among North American Indigenous peoples.	I
History of the Iroquoian Peoples	HIST-3532/ ANTH-3132	Components on cultural ecology, traditional ecological knowledge among the Iroquoian peoples.	I

Colonization and the Age of Modernity in Latin America	HIST-4103	Includes unit(s) addressing indigenous relationships to land and also indigenous versus state and commercial industrial forms of land and resource use.	**R**
HUMAN RIGHTS			
Title	**Course #**	**Description**	**Sustainability Designation**
Concepts and Conventions in Human Rights	HR-2100	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.	**I**
Refugees, Resettlement and Resilience	HR-2310	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.	**I**

Refugees and Forced Migration	HR-3272	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.	I
Indigenous Languages: Culture, Rights, and Conflicts	HR-4025	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	I
Human Rights Approaches to Health	HR-4450	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	I

		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).	
Health and Sustainable Development	HR-4704	This course explores the realization 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.	**F**
INDIGENOUS STUDIES			
Title	**Course #**	**Description**	**Sustainability Designation**
Indigenous Ways of Knowing	IS-1010	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.	**I**

Introduction to Indigenous Studies: Art, Culture, and History	IS-1016	Indigenous history course that explores Indigenous epistemologies and ontologies. Also addresses collectivism vs. individualism and the influence of ecosystem on peoples' art, culture, and history.	**I**
Introduction to Indigenous Studies: Politics and Governance	IS-1017	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.	**I**
Indigenous Sciences: Contributions to Contemporary Challenges	IS-2012	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. 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).	**F**

Colonization and Indigenous Peoples	IS-2020	This course examines the Indigenous colonial experience, particularly in Western Canada, and the impact colonization has had and continues to have on the relationship between Indigenous peoples and Canadian governments. This course emphasizes the contemporary effects of colonization, particularly as regards identity issues and how they play out in the urban and inner-city environment, and also processes and strategies for decolonization.	I
Indigenous Women and Resilience	IS-2040	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	I

Indigenous Peoples, Lands, and Resources	IS-2050	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.	I
Ethnography of North American First Peoples	IS-2103/ANTH-2103	Components on adaptive strategies, cultural ecology, traditional ecological knowledge among North American Indigenous peoples.	I
Indigenous Justice Issues	IS-2240	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	I

Community Development	IS-2301	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.	**I**
Language Revitalization	IS-2407	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.	**I**
Protecting Indigenous Knowledge Systems	IS-3010	Focuses on emerging issues for Indigenous peoples regarding the use and exploitation of their knowledge and biological resources.	**I**
Ethnoecology: A Research Approach	IS-3012/ ANTH-3170	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.	**I**

International Rights of Indigenous Peoples	IS-3100	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 or 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.	I
Social Enterprise in the Indigenous Context	IS-3162	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.	I
Indigenous Peoples, Globalization and Development	IS-4023/GDP-7023	Taking indigenous peoples as actors, not victims, as its starting point, the class will then examine innovations in indigenous development practice that are culturally respectful, environmentally responsible and build a new sense of community.	I

Indigenous Food Security	IS-4026	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	**F**
Biocultural Diversity Conservation: Issues for Indigneous Peoples	IS-4024/GDP-7024/IDS-4824	Addresses worldwide concerns regarding the loss of biological and cultural diversity; central premise of the course is the interrelationship between Indigenous people and their environment.	**F**
Urban Indigenous Seminar	ANTH-4145/IS-4445	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.	**I**

KINESIOLOGY			
Title	**Course #**	**Description**	**Sustainability Designation**
Outdoor Recreation and Education	KIN-2104	Focus on the inter-relationships of skills and knowledge in the areas of recreation, education and the environment. All content surrounding outdoor recreation education is about sustainability	**I**
Issues in Health	KIN-2305	Few classes on global and local issues regarding environmental health	**I**
MATHEMATICS			
Title	**Course #**	**Description**	**Sustainability Designation**
Linear Optimization	MATH-2701	Several case studies are given where mathematical tools of optimization are used to determine the most frugal use of resources; particularly, examples are given involving 1) farm planning 2) responsible forestry with replanting.	**I**
PHILOSOPHY			
Title	**Course #**	**Description**	**Sustainability Designation**
Environmental Ethics	PHIL-2233	A unit of the course focuses on understanding ecosystem sustainability and thinking about how it can be consistent with human economic activity; students challenge the notion that social and economic sustainability are separate values competing with ecosystem sustainability.	**F**

Philosophy of Nature	PHIL-2234	Involves the study of some of the more holistic "new frontiers" in biology (e.g. Epigenetics, The Theory of Organic Selection / The Baldwin Effect, Emergence Theory, Biosemiotics, etc.); environmental sustainability a secondary theme throughout.	**I**	
POLITICAL SCIENCE				
Title	**Course #**	**Description**	**Sustainability Designation**	
Introduction to Political Science	POL-1011	Includes discussion on environmental movements and political issues surrounding the environmental, social and economic aspects of sustainability.	**I**	
Sustainability and Environmental Politics	POL-3450	Examines measures and implications of the concept of sustainability as it impinges on virtually every policy area in Canada.	**F**	
RELIGION AND CULTURE				
Title	**Course #**	**Description**	**Sustainability Designation**	
Ecology and Religion	REL-2515	Explores the relationship between the religious beliefs and the perceptions about nature in the context of Western, Eastern, and Indigenous Cultures.	**I**	

Rhetoric, Writing and Communications			
Title	**Course #**	**Description**	**Sustainability Designation**
Composing Our Winnipeg: Rhetoric of/and the City	RHET-3321	Considers 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.	**I**
Writing Partnerships Practicum (Communicating Climate Change RHET-3331(3)-002)	RHET-3331	Stresses the concepts of experiential education and of writing as social action; goals include understanding the intersections between writing and social justice initiatives.	**I**
SOCIOLOGY			
Title	**Course #**	**Description**	**Sustainability Designation**
Sociology of the Environment	SOC-2502/ENV-2502	Debates surrounding such concepts as sustainable development, deep ecology, environmental justice and global change are emphasized.	**F**
Green Justice	SOC-3233	Focuses and analyzes environmental problems, community responses, and policy debates regarding green justice issues	**F**

URBAN & INNER-CITY STUDIES (UIS)				
Title	**Course #**	**Description**	**Sustainability Designation**	
Solidarity and Social Economy in the City	UIS-3330/4330	Incorporates readings and discussions on; Voluntary Simplicity: The Middle Way to Sustainability, Sustainability and Sufficiency: Economic Development in a Buddhist Perspective, Globalization/Development/ International textile factories/Sustainability and People, Land and Sustainability: Community Gardens and the Social Dimension of Sustainable Development	I	
WOMEN'S & GENDER STUDIES				
Title	**Course #**	**Description**	**Sustainability Designation**	
Sex, Gender, Space, and Place	WGS-2416/ ENV-2416/GEOG-2416	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	I	
Women, Health and the Environment	WGS-3004/ENV-3004	Investigates how women, health and the environment intersect and explores some of the repercussions of particular environmental situations on women's physical, emotional, spiritual and psychological health.	I	