

# TRU Sustainability Courses Offered – 2016-2017

This document contains an inventory of all 'Sustainability Courses' and 'Courses That Include Sustainability' for both 'On-Campus' and 'Open Learning' sectors.

Please Note: \*\* Indicates a newly added courses

## Sustainability Courses ('On-Campus')

ADVG 1010	<p>The Adventure Tourism Industry</p> <p>This course offers an overview of the tourism industry and the adventure tourism sector. Upon completion of this course, students have a comprehensive understanding of the origins of tourism, the industry today, land management issues, future considerations, the guide's role, career paths, literature review, terminology, and definitions.</p>
ADVG 1302	<p>Outdoor Travel Skills**</p> <p>This course is an introduction to the theoretical and practical aspects of wilderness travel and is an introduction to the organization of wilderness trips. Course content includes theory related to clothing and equipment selection, basic navigation concepts, environmental issues, route plans and trip planning. This course includes a field trip to practice the organization of a successful wilderness outing including navigation, minimum impact camping and hazard awareness.</p>
ADVG 2010	<p>The Natural Environment</p> <p>This course studies the natural resource base upon which the adventure tourism industry depends; these include geographic features, mountain geomorphology, geology, fluviology, meteorology, ecology, flora and fauna species identification, nature interpretation and current environmental concerns.</p>
ADVG 2830	<p>International Expedition Planning and Leadership</p> <p>This course is concerned with the planning and leadership of international adventure expeditions. Aspects of expedition planning include identification and research of international expeditions; planning timelines and implementation schedules; permit acquisition; sponsorship; socio-political considerations; leadership; training; legal implications; food and equipment acquisitions; cargo shipping; and local ground handling. Students also explore cultural considerations surrounding guiding and leading expeditions in an international setting. Topics include examining the impact of international expeditions on culture, minimizing the cultural impact of international expeditions, cultural considerations of foreign guiding, and stewardship and global citizenship.</p>
ADVG 4010	<p>Business Applications for Eco and Adventure Tourism Management**</p> <p>This course is the study of applied business concepts and practices pertaining to the management and marketing of eco and adventure tourism operations. The course examines tourism strategic management, business start-up considerations, product positioning, tourism opportunity studies, tourism consulting, innovative pricing methods, and product development.</p>
ADVG 4030	<p>Contemporary Perspectives in the Eco and Adventure Industry</p> <p>This course is the study of contemporary issues pertaining to the management of eco and adventure tourism. Although topics may vary depending upon current issues and trends, it is expected that the course will examine the effect of socio-political changes to tourism, the commodification of eco tourism, adventure racing, sexual exploitation in tourism, and the philosophical implications of search and rescue and technology to the eco and adventure experience.</p>
ADVG 4050	<p>International Adventure Tourism Business**</p> <p>This course is intended to provide an overview of international adventure tourism business development and management. Topics will include development theory, globalization, factors that affect international business development, colonialism and foreign aid, international tourism finance, global trade in services, the affect of women's rights on production and development, and numerous case studies.</p>
ADVG 4090	<p>Nature and Community-based Development</p> <p>Students explore community-based adventure tourism, including policy, planning, and development. International tourism managers must understand sustainability; community development; how tourism is used to promote conservation; and how to involve local populations in the development decision-making process. While community-based tourism concepts are finding their way into North American tourism, this course concerns itself primarily with issues facing developing countries and lessons that may be brought to North American operations. Topics include tourism and community development; the creation of tourism opportunity and development strategies; the role of consultants and non-governmental organizations; sustainable tourism development; social impact assessment; community tourism assessment; proper tourism development; achieving global competitiveness;</p>

	community-based tourism for conservation; and the importance of including women in community development. Students examine numerous case studies and applications.
ADVG 4100	Adventure Field School – International** This course is a 4-6 week field school to study adventure development, policy, planning, and operations in an international setting. Students use this field experience as a basis for the application of theoretical principles learned in the classroom to practical field work. The development and operation of international adventure and nature-based tourism requires extensive first-hand experience in an area. This course is intended to facilitate students' travel to an international region in order to study adventure and nature-based tourism product and business opportunities, and community development.
ADVG 4110	Adventure Field School – International**  This course is a three-credit 2-3 week field school to study adventure development, policy, planning and operations in an international setting. Students use this field experience as a basis for the application of theoretical principles learned in the classroom to practical field work. The development and operation of international adventure and nature-based tourism
ADVG 4120	Adventure Field School – Canada** This is a six-credit, 4-6 week field school to study adventure development, policy, planning and operations in a Canadian setting. Students use this field experience as a basis for the application of theoretical principles learned in the classroom to practical field work. The development and operation of adventure and nature-based tourism requires extensive first-hand experience in an area. This course facilitates students' travel to a region within Canada in order to study adventure and nature-based tourism product and business opportunities, and community development.
ADVG 4130	Adventure Field School – Canada** This is a three-credit, 2-3 week field school to study adventure development, policy, planning, and operations in a Canadian setting. Students use this field experience as a basis for the application of theoretical principles learned in the classroom to practical field work. The development and operation of adventure and nature-based tourism requires extensive first-hand experience in an area. This course facilitates students' travel to a region within Canada in order to study adventure and nature-based tourism product and business opportunities, and community development.
ADVG 4140	Community Capacity Building Students explore the socio-economic notion of nature-based activities and tourism as a mechanism for community development. While identifying and exploring possible community recreation and tourism opportunities, students analyze the benefits, costs (monetary and social), and facilitative models for ensuring community capacity building, towards sustainability and project buy-in.
ADVG 4200	Recreation & Tourism Management The theory and practice of managing natural resource based recreation and tourism. This course will consider natural resource based recreation and tourism from social, economic, business and resource management perspectives. It will provide an introduction to the foundations of recreation and tourism in modern society, including resource management impacts on recreation and tourism, principles of recreation systems planning, and administration and management of natural resource based recreation and tourism businesses. It includes extensive use of case studies and current issue topics.
AGSC 2200	Food Systems at a Local Level and Beyond Students are introduced to agriculture and food systems, focusing on the local level but including information on global systems. Topics of discussion include agriculture, local food production, food security and food policy, sustainability, commercialization, and globalization. Case studies and projects are used to help students apply concepts learned during lecture, and to develop critical thinking, problem solving, communication, and conflict resolution skills.
ANTH 3270	First Nations Natural Resource Management A review of historical and contemporary issues shaping Aboriginal peoples' relationship to their lands and resources and the impact of governmental policies on this relationship. Topics will include the Indian Act, traditional aboriginal views of resource management, treaties, and analysis of current policies on resource management and aboriginal life.
ARCH 3260	Environmental Archaeology Interdisciplinary data recovery and methods of analysis from geology, soil sciences, botany, zoology, chemistry, physics, and ecology have resulted in specialized sub-fields in archaeology, including zoo archaeology, paleo botany, raw material sourcing, geophysical and geomorphic analysis, paleo-environmental reconstruction, and seasonality studies. Students examine the methods and theories employed by specialists in these fields to reconstruct past environments and explore the relationships between humans and important environmental resources and variables.
ARET 3410	Sustainable Site Planning and Development** This course will provide an introduction to site planning and the land development process and will focus specifically on issues related to site planning, organization and circulation. The connection between land use, regulation and transportation will be explored. The course will include planning

	<p>concepts, site planning principles, sustainable site design principles, an application study of the Kamloops Zoning Bylaw, site organization and layout, parking layout, site amenities and landscaping.</p>
ARET 4110	<p>Green Building Rating Systems**  This course will focus on the principles of sustainable design relating to building structures. Various green building rating systems will be reviewed and assessed. An appropriate green building rating system will be applied to the term project to determine the level of sustainability. Case studies and relevant examples will be examined.</p>
BIOL 1040	<p>Biology of the Environment  Non-science students who have a keen interest in the environment focus on the underlying ecological principals that shape our world. They then proceed to evolution and the ecological diversity to which it leads. A consideration of the tremendous increase in human population growth leads students to identify both renewable and non-renewable resources, acid rain, climate change, toxins in the environment, and the biodiversity crisis. The course ends with a discussion on ecologically sustainable development. Labs and field trips enhance students' learning experience.</p>
BIOL 1210	<p>Principles of Biology 2  This course offers a survey of the kingdoms of life, while emphasizing their ecology and evolutionary relationships.</p>
BIOL 3210	<p>Microbial Ecology  This course addresses the importance of microorganisms in nature and societies. The interrelationship between microorganisms, plants, animals and their habitats and the role of these relationships in the maintenance of ecological balance is emphasized.</p>
BIOL 3220	<p>Natural History  Defined as "the direct knowledge of organisms in their environments," natural history remains a critical link between science and society. In this course, students learn to identify the dominant flora and fauna, as well as their patterns of distribution, in key ecosystems throughout southern British Columbia (or another regional location). Students synthesize key climatic, geological and biotic processes responsible for the observed patterns. Through close reading and emulation of writer-naturalists, students relate the science of natural history to a larger human truth or societal concern. In addition, students evaluate the changing relationship between humans and their inhabited landscapes by considering such topics as invasive species, habitat fragmentation and climate change.</p>
BIOL 3430	<p>Plants and People  Students explore the human use of plants in the past, the present, and the future, including the origins, evolution and dispersal of plants important to humankind (such as food crops, herbs and spices, medicinal and drug plants, and ornamentals). The social and economic implications of biotechnology and the ecological impact of our current loss of plant biodiversity is also examined. BIOL 3430 is offered on alternate years.</p>
BIOL 4160	<p>Principles of Conservation Biology  Students explore the theory and practice relating to the conservation of threatened organisms and their habitats. Topics include the genetics and demography of small and fragmented populations; global and local conservation problems; and case histories of the conservation of endangered animals and plants. The course includes two compulsory weekend field trips.</p>
BIOL 4260	<p>Plant Ecology  Students examine the ecology of plants at an individual, population, and community scale. The ecological physiological constraints of being a plant is reviewed before exploring species interactions with the natural environment and with other species. Students also consider plant community patterns in time and space. Topics include issues in plant conservation, community attributes such as productivity and diversity, and the influence of scale and heterogeneity on sampling design and analysis. Field trips may occur on weekends. This course is offered in alternate years.</p>
BIOL 4090	<p>Field Methods in Terrestrial Ecology 3**  Students participate in an intensive two-week exploration in the field methods used to study terrestrial ecosystems. The course is typically offered immediately after exams in the Winter semester (usually late April or early May). Students learn the field techniques needed for studies of terrestrial ecosystems and carry out individual projects of their own design. Facilities such as the Wells Gray Education and Research Centre are used and a fee is required to meet living expenses.</p>
BIOL 4100	<p>Field Methods in Marine Ecology**  Students participate in an intensive two-week exploration in the field methods used to study marine ecosystems. The course is typically offered immediately after exams in the Winter semester (usually late April or early May). Students learn field and laboratory techniques for sampling, experimentation, and analysis of marine organisms and ecosystems, and carry out individual projects of their own design. Facilities such as the Bamfield Marine Station is utilized, and a fee is required to meet living expenses.</p>
BUSN 6010	<p>Ethics and Corporate Social Responsibility**  Students become more effective decision makers by examining the meaning and role of ethics in the business environment, and the social responsibility of business organizations. Topics include the</p>

	relationship between business and society; identifying stakeholders and issues; the theoretical basis of business ethics; business ethics in management and leadership; the concept of corporate social responsibility; corporate social responsibility in practice; regulating business; ownership and governance of the corporation; environmental and business responsibilities; globalization and business responsibilities; and ethics, responsibilities, and strategy.
CHEM 3010	Aqueous Environmental Chemistry Students are introduced to the properties and composition of natural waters. Topics include hydrologic cycle, water quality, partitioning, transport, chemical equilibria, pH, complexation, redox processes, and water treatment.
CHEM 3020	Atmospheric Environmental Chemistry This course is an introduction to structure, composition, and chemical processes occurring in the Earth's atmosphere. These include interactions with solar radiation, stratospheric ozone layer, photochemical smog, and acid rain.
CMNS 4220	Mountain Studies** Mountain Studies allows students the opportunity to engage in an interdisciplinary study of mountain environments, communities, resorts, activities, web presence, arts, sustainability, and destination experiences, with an emphasis on undergraduate research. Topics vary from year to year; potential areas of focus include mountain culture (literature, painting, film, photography, history, new media) and web-mapping with the provision of rich content; the development and sustainability of mountain national parks in Western Canada; mountain literature and art; comparative studies of the mountain resorts that ring TRU; mountains and participant-observer new media applications; and public relations and mountain resorts.
ECON 2430	Global and Canadian Economics Issues Students examine a variety of economic issues facing the Canadian and world economies. The topics discussed each semester vary and may include economic crisis, environmental challenges, 'big' business and multinational corporations, globalization, free trade, health care, education, poverty, and the economics of crime.
ECON 3410	Economics of Climate Change Students investigate the climatic changes resulting from global warming and the policy actions being taken to address these problems. Topics include an overview of the science and economics of climate change; the impact of climate change on growth and economic development; the economics of stabilization including efficiency, externalities, public goods, and environmental policy instruments; inter-temporal decisions and uncertainties about the impacts of climate change; the policy responses to mitigation and adaptation and their cost; international collective action and its challenges; and prominent climate policy approaches, such as the United Nations Framework Convention and the Kyoto Protocol.
ECON 3690	Community Economic Development Students investigate methods for effectively using local community resources to enhance economic opportunities while improving social conditions in a sustainable way. Topics include the theoretical basis for community economic development (CED), analytical techniques used to assess communities, environmental sustainability objectives for community development, competing strategies of community development, financing development strategies, and CED activity in Canada and other nations.
ECON 3710	Environmental Economics Students apply the tools of microeconomic analysis to environmental issues. Topics include property rights and efficient resource use, market failure, the over-utilization of common pool resources, the Coase Theorem, non-market valuation techniques, government policies designed to cost-effectively control pollution, and real-world strategies for controlling pollution.
ECON 3730	Forestry Economics Students are introduced to the concepts and analytical techniques used in forestry economics and their application to forest management, conservation, and policy analysis. Topics include techniques for analyzing forestry investments; timber demand, supply, and pricing; valuation of non-marketed goods and services, such as recreation and wildlife habitat; land allocation and multiple use; forest management issues, such as planting, thinning, and optimal age of crop rotation; and regulatory issues, including allowable annual cut regulations, property rights, tenure, and taxes.
ECON 3740	Land Use Economics Students focus on land use issues with particular emphasis on government policies relating to the preservation and conservation of agricultural lands. Topics include rent theory; welfare measurement; property rights and externalities; project evaluation using cost-benefit and multiple accounts analysis; the economics of soil conservation; efficiency and equity in land use planning, including zoning changes; government land preservation and conservation policies, and agricultural subsidies; water use in agriculture; forest management; and multiple uses of public lands.
ECON 4720	Sustainable Economic Development Students examine theories and issues, internal and external challenges, and alternative policy options relating to sustainable economic development. Topics include a comparative analysis of the

	leading theories of economic growth, development, and sustainability; lack of economic growth, poverty, and income distribution; consequences of population growth and technological change; employment and migration, human capital, agriculture, and rural development; international trade and commercial policy, foreign investment, and aid; and global integration, economic transition, and environmental degradation.
ECON 6010	Principles of Environmental and Natural Resource Economics** Students are introduced to normative economics and receive a board overview of different approaches to economic analysis of the environment and resources. Environmental, ecological and resource problems are discussed and economic solutions are identified, analyzed and critiqued. Topics include an introduction to economic efficiency; externalities, common resources and public good provision issues; the theory of non-renewable natural resources; cost-benefit analysis; ecological economics and green accounting; and the economics of climate change.
ECON 6020	Applied Microeconomics for Sustainable Management** Students examine more advanced microeconomic tools and apply these to economic sustainable management. Topics include market analysis for economic sustainability, demand analysis and estimation, the role of elasticities in sustainable management; consumer behavior and rationale choice; risk behavior and assessment; production efficiency; cost analysis and estimation; the role of the market structure for sustainable management; game theory and strategic behavior; and asymmetric information problems.
ECON 6050	Sustainable Community Economic Development** Students learn about the sustainable development of urban and rural communities with an emphasis on critical evaluation of the theory and strategies and application of analytical techniques. Topics include the theoretical basis for community economic development (CED); a critical analysis of theories explaining CED; analytical techniques for community evaluation; economic impact analysis; an assessment of environmental and economic sustainability objectives for project selection; third sector structures; competing strategies for community development; financial strategies and challenges; the role of the public sector in CED; and an overview of CED activity in Canada and other nations.
ECON 6060	Applications of Environmental and Natural Resource Economics** Students apply the principles of sustainable economic management to environmental and resource issues. Topics include population and the environment; agriculture and food; scarcity and abundance of resources; energy sector; renewable resource using in the fisheries and the forestry sector; water economics; pollution, impacts and policy responses; industrial ecology; trade and development and the environment; and institutions for sustainable development.
ECON 6070	Sustainable Macroeconomic Development** Students explore the macroeconomic theories and issues, internal and external challenges, and alternative policy options for sustainable economic development. Topics include a comparative analysis of the leading theories of economic growth, development and sustainability; lack of economic growth, poverty and income distribution; consequences of population growth and technological change; employment and migration, human capital, agriculture and rural development, international trade and commercial policy, foreign investment and aid; and global integration, economic transition and environmental degradation.
ECON 6080	Policy and Regulation for Sustainable Management** Students explore the role of government policy in the regulation of the environment and sustainability. Topics include criteria for evaluating environmental policies; decentralized policies including liability laws and property rights; control and command policies; emission taxes and subsidies; transferable discharge permits; compliance costs, uncertainty, and information; federal and provincial environmental policy in Canada; air, land and water pollution control policies; policy on toxic and hazardous substances; local environmental issues; global environmental issues and policies.
ECON 6910	Selected Topics in Environmental Economics and Management** Students will focus on specific topics within the field of economic sustainable management not covered by regularly scheduled, required courses in the program. Course content will vary depending on the interests of faculty and students.
ECON 6920	Directed Studies in Environmental Economics and Management** Students will work individually or in a small group to engage in independent study, research, or practice relating to a topic in economics sustainable management, under faculty supervision. Students work independently, meeting with the supervisor on a regular basis.
EDSC 4150	Environmental Education The purpose of this course is to examine aspects of environmental education appropriate for K - 7 students. Through the concept of Active Living and use of the outdoors as the principal classroom, the elements of living/lifestyles in all subject areas will be addressed. The course also emphasizes teaching students how to make informed decisions and take constructive actions regarding the earth and its inhabitants. Field trips involving activities suitable for elementary-aged students are an integral part of this course.
ENSU 1000	Leadership in Environmental Sustainability

	This one credit course is designed to recognize knowledge gained from existing courses and actions undertaken by students that contribute towards environmental sustainability competency through documented projects, community or TRU volunteer work, extra-curricular knowledge sharing, participation in environmental or social organizations, research papers, art work, architectural design, and relevant assignments in courses as it relates to environmental issues.
ENVS 5100	Environmental Science 1: History, Philosophy and Concepts Provides an introduction to the field of environmental science at the graduate level. Focus on history and philosophy of science in general, and environmental science in particular; guest lectures by faculty and researchers inside and outside of academia; examines the role of environmental science in society.
ENVS 5300	Environmental Sciences: Topics and Case Studies Students explore the current ideologies of the ecological, sociological, and economical foundations of environmental science through case studies. A joint application of scientific and social contexts is used to examine the sustainable management of natural resources, with a strong spatial component at local, regional and global scales. Communication skills are developed to facilitate this cross-disciplinary understanding. Primary literature, group discussions, and independent and group review assignments encourage students to focus on current local, regional, and international environmental issues.
ENVS 5480	Directed Studies in Environmental Science Students undertake an investigation on a specific topic as agreed upon by the faculty member and the student.
EXPL 3000	Live Learn Lead: Global Engagement This field school course is designed using an experiential model to integrate leadership and global volunteerism within a blended learning experience. Through face-to-face seminars, discussions and reflective activities, combined with an intensive team volunteer experience abroad - in collaboration with a partner non-government organization, students have the opportunity of developing global competencies and leadership skills needed to address global challenges in an ever-changing world. Through guided reflection students gain: a global cultural awareness and sensitivity; experiential learning and leadership competencies; a stronger understanding of NGO operations; and potential careers in international development.
GEOG 1100	Environmental Studies: Human Interaction with the Natural Environment* This course is an introduction to the environment, with emphasis on a geographical approach. Topics of study include: environmental worldviews; history of the environmental movement; ecosystems; energy principles; human population dynamics; patterns of resource use, environmental issues and environmental ethics.
GEOG 1110	World Regional Geography This course applies the core concepts of geography to interpret both the variety and distinctiveness of places and regions, and to their relationships, connections, and integration. Students are introduced to the academic discipline of geography as well as its professional applications by explaining geographic approaches to social issues. Students develop an appreciation for geographic thinking, and a greater understanding of the complex modern world.
GEOG 2020	Weather, Climate and Global Environmental Change This science laboratory course provides an introduction to: the basic principles and processes of meteorology and climatology; and the study of weather and climate. Topics include: the composition and structure of the atmosphere; solar radiation and the seasons; energy balances and temperature; atmospheric pressure and wind; atmospheric moisture and cloud development; precipitation; atmospheric circulation; air masses and fronts; thunderstorms and tornadoes; and cyclonic storms. In addition, students discuss climate classification systems, and examine the potential causes of past and predicted future global climates.
GEOG 2120	Geography of Urban and Regional Planning This course introduces the themes and challenges encountered in the field of Urban and Regional Planning, while recognizing the increasing interdisciplinary nature of this area of study. Students examine: urbanization as a historic and rapidly continuing process; the growth of functional regions and patterns of urban settlement; the dynamics of urban structure and land use; and critical planning issues that face developed and developing countries.
GEOG 2220	Regional Geography of Canada The physical environment and cultural setting of Canada, with a particular focus on human use of the land as determined by its physical nature, is the basis for study of the regional geography of Canada. Emphasis is placed on a study of Canada east of the Rocky Mountains.
GEOG 2230	The Regional Geography of British Columbia and Yukon Students are introduced to the physical and human geography of British Columbia and examine settlement, resource development and transportation in the Western Cordillera. Topics involving the changing perception of rural British Columbia's landscape and environment are discussed.
GEOG 2400	Geographic Thought

	This introductory geographic theory course provides students with a critical perspective on the nature and development of geographic knowledge and its application in the key sub disciplines of human geography, physical geography, and environmental studies.
GEOG 3040	Environmental Climatology and Meteorology In this science laboratory course, students examine: the principles and processes of surface and near-surface climatology and meteorology; energy and plant water balance concepts; vertical and horizontal air and vapour movements; microclimates, urban heat islands; the meteorology of atmospheric pollution; and the interrelationships among plants, soils, climates and the biosphere.
GEOG 3050	Physical Hydrology This physical geography course examines the physical processes that determine the quantitative importance and spatiotemporal variability associated with the occurrence, distribution and movement of water on or near the Earth's surface. In addition to a theoretical treatment of the subject, students are introduced to measurement techniques used in the field and to a variety of hydrologic models. Numerical problem solving exercises and field work are important components of the course.
GEOG 3100	Environment and Resources Students discuss concepts of environment and resource, and the role of physical geography in understanding the interaction of humans and the environment. This course also provides an introduction to the management of environment-resource systems.
GEOG 3200	Introduction to Cultural Geography Students explore the history and methods of cultural geography. Aspects of contemporary land uses, landscapes, and communities are considered in relation to traditions, values, economies, and technology.
GEOG 3210	Historical Geography of Urbanization Students explore geographic perspectives on the growth of urban regions; pre-industrial cities, urban growth during industrialization, and anti-urban reaction.
GEOG 3500	Introduction to Urban Geography Students explore city systems and theories of urban location; internal spatial structure of the city; commercial and industrial location; social areas; mobility patterns; neighbourhood and land use change; urban trends, land use problems; and public policy.
GEOG 3630	The Geography of Resource Industries This course offers a geographical analysis of selected resource industries of importance to Canada. Each year a selection is made from the agriculture, forestry, fishing, mining, energy, and recreation sectors, and explored within international and national contexts.
GEOG 3650	Geography of Consumption This course examines consumption as a cultural and economic practice, how it has formed landscapes, and its impact on our growing understanding of ecosystems and social systems. It examines spatial patterns of purchasing and consuming goods and services, changing ideas about the landscape as a good and a service, and the ethical and practical questions raised by the social and environmental impact of increased consumption.
GEOG 3990	Special Topics in Geography and Environmental Studies This is a special topics course in geography. The subject matter varies from semester to semester depending upon the interest of faculty and students. Vectoring is determined as per policy ED-8-0.
GEOG 4100	Sustainable Rural Systems This course marries the subject areas of rural geography and sustainability in case study analyses of a country- for example, Japan, Canada, China, or Mexico-- or a global region for example, the Asia-Pacific or Africa -- depending upon instructor expertise. It examines the transformation of rural areas owing to urbanization, globalization and other social forces. The course examines subsequent problems, such as rural depopulation and the policies to keep these areas socially, economically, and ecologically sustainable.
GEOG 4230	Attitudes Toward the Environment Students examine the cultural attitudes that have influenced land use and environmental change, in the past and present.
GEOG 4480	Directed Studies in Geography and Environmental Studies This course is designed to allow fourth year students to undertake an investigation on a specific chosen topic, agreed upon by the faculty member and the student.
GEOG 4800	Environmental Issues and Policies Using a geographical analysis of environmental issues and policies, this course relates land use, hazards and resource allocation to changing demand, technology, institutions, policies, and social values. An emphasis is placed on issues and policies relevant to small cities and adjacent rural areas.
GEOG 4820	Urban Biophysical Environments Cities represent areas where biophysical processes are often markedly distinct from their rural counterparts. This physical geography course examines the climatology, hydrology, geomorphology, and biogeography of cities, and the impact cities have on biophysical processes at regional and global scales. Specific topics include: the urban heat island effect; urban hydrology; building

	architecture and wind; atmospheric contamination; urban forestry; and the urban area as an ecosystem. Students observe the biophysical processes of environmental examples drawn from Kamloops and comparative communities.
GEOL 2060	Introduction to Mineral Deposits, Exploration and Mining This course explores the formation, styles and types of mineral deposits, occurrences, exploration methods, mineral resources and reserves, types of mines, and prospecting methods. Topics include considerations of a social license to mine; social, economic, and environmental sustainability issues and solutions; environmental assessment, mine closure and reclamation. Case studies will be discussed.
GEOL 3030	Environmental Geochemistry Students examine the complex relationship between environmental factors and the geochemical history of surface and subsurface rocks.
HLSC 3040	Environmental Change - Challenges for Health** This course introduces students to the most recent developments in the science of climate change and the resulting impact on the health of populations worldwide. Changes in disease risk and emerging diseases and conditions are reviewed. Since health care is one of the most wasteful systems in regard to its carbon footprint, various efforts to reduce greenhouse gas emissions are reviewed. Students discuss the effects of global warming and how it necessitates new approaches to health and new responses to the spreading of tropical diseases.
HORT 1500	Basic Horticulture This course introduces students to plant structure, growth and development. Topics to be covered include structure and function of plant parts, plant classification, nomenclature and identification, germination, photosynthesis and respiration, plant hormones and environmental effects on plant growth and development
JOUR 4150	Popular Science, Nature, and Technology Writing** Students learn the history and application of skepticism and critical thinking to journalism as it filters, evaluates, translates and packages information about science, technology and the environment in a form acceptable to a general mainstream audience. Styles and strategies of critical non-fiction writing are explored, and the essential communication issues of narrative, voice, and ethics are examined. Students develop their own distinct and original writing for science, nature, or technology, designed for a typical mainstream publication in print, video or online.
LAWF 3840	Environmental Law Students critically examine legal theories, concepts, principles, and processes relevant to environmental protection. Topics include ecological and ethical dimensions; jurisdictional issues; common law rights and remedies; environmental assessment; public participation; contaminated sites; enforcement and compliance; economic approaches; endangered species and protected spaces; land use planning; and environmental dispute resolution.
MNGT 3710	Business Ethics and Society Students explore the complex business environment and the relationships organizations have with each other, civil society, and the natural environment. Through this examination, students learn how critical ethical decision-making is to the successful management of any organization. Topics include elements of critical thinking, business ethics fundamentals, frameworks for ethical thinking, awareness of ethical pitfalls, ethical reasoning, ethical principles, drafting a code of ethics, illustrating an ethical decision-making process, applying ethical decision-making skills, ethical decision-making in the workplace, corporate social responsibility and sustainable development, and stakeholder theory
NRSC 1110	The Science and Management of Natural Resources Students are provided with an overview of current issues in the management of natural resources. This serves as an introductory core course in the Bachelor of Natural Resource Science program, however, it is tailored for all students with a general interest in natural resources. In addition to lectures and laboratory exercises, students consider how scientific inquiry and knowledge can be integrated with social, economic, and cultural values to develop management strategies. Topics of discussion include a diversity of resource issues, such as forestry, soils, rangeland, water, fisheries, wildlife, and entomology.
NRSC 1500	Introduction to Climate Change Science** This course examines the evidence for, and impacts of climate change. The class will focus on the observed changes in climate, the causes of climate change, projected future climate change and mitigation options for decreasing the impact of climate change. Weekly labs will provide hands-on learning experiences that complement the lecture material. Weekend field trips may be required.
NRSC 2100	Forest Ecology and Silvics 1 The main objectives of this course are to facilitate students' learning of the complexities and interactions that make up forest ecosystems, and how this knowledge can be used in predicting forest ecosystem responses to both natural and human-induced disturbances. Upon completion, students have an appreciation of forest ecosystem structures and functions, and how these components interact; how forest ecosystems change over time, and the ecological effects of various



	forest management practices. Additional topics include the spatial variation in forest ecosystems, methods of describing these variations, the characteristics of biogeoclimatic zones in British Columbia, and the identification and interpretive use of indicator plant species in the description of forest ecosystems.
NRSC 2200	Forest Ecology and Silvics 2 Students examine the ecological and silvical characteristics of forest trees of Western Canada, with emphasis on ecological site assessment and applications of silvics in silviculture. This course also explores the identification and interpretive use of indicator plant species in the description of forest ecosystems, the soil and site features used in determining site quality, and the diagnostic procedures used in determining site quality.
NRSC 3200	Silviculture This course emphasizes silvicultural concepts and principles as they apply to forest stand and landscape level management. Specific topics include principles of forest tree improvement; seed handling; nursery practices and artificial regeneration; natural regeneration and stand tending practices (thinning, pruning, vegetation management, fertilization and site preparation). A variety of silviculture systems are discussed in relation to economics, wildlife, biodiversity, and sustainability. The laboratories are designed as both field exercises and indoor laboratory sections (including computer modeling). Several field trips offer students an opportunity to observe forest nursery operations, woodlot management, and forest operations.
NRSC 4020	Natural Resource Entomology Students are familiarized with significant entomology topics including the environmental and economic role of insects in forest ecosystems; the identification and basic biology of major groups of forest insects; behavioural ecology and population dynamics of major insect pests; an introduction to chemical ecology of insects; forest health and beneficial or pest insect balance; an introduction to management strategies for major forest insect pests; and the implications in context of the Forest Practices Code.
NRSC 4040	Wildlife Management and Conservation 1: Theory and Principle Students are introduced to the history, theory, and principles of wildlife conservation and management, with an emphasis on the scientific underpinnings of current conservation biology and wildlife management. Topics include island biogeography and reserve design, population viability analysis, principles of conservation genetics, introduced species, fragmentation, habitat loss, and the demography and extinction risk of small populations.
NRSC 4050	Wildlife Management and Conservation 2: Application and Practice Students build upon the theory and principles presented in NRSC 4040: Wildlife Management and Conservation 1, by further examining the application of scientific principles to the conservation of wildlife. Students also focus on the philosophy and human dimensions of wildlife conservation and management, particularly the need to balance multiple values in developing sustainable management planning. The course provides for the analysis and discussion of local and global case studies.
NRSC 4100	Fisheries Management This course is a study of fisheries management topics, including methods of quantitative stock assessment, fisheries regulations and policy, habitat restoration, and fish stocking. Students collect and measure fish in a local lake, and produce a quantitative stock assessment report for that fishery.
NRSC 4110	Watershed Management Students are introduced to the basic principles of wild land hydrology and watershed management, including the role of climate, physiography, and vegetation in watershed function; the effects of land use on streamflow quantity, timing and water quality; and the techniques used in monitoring and assessing the impacts of land management on the water resource.
NRSC 4140	Natural Resource Policy and Planning Students focus on land and resource use policies and laws, and their development and administration in British Columbia, particularly as affected by aboriginal rights and title. The course provides an overview of specific land and resource policies in British Columbia, illustrates the policy cycle through teaching the fundamentals of strategic land and resource use planning, and introduces the practice of policy analysis.
NRSC 4250	Tropical Field Studies in Natural Resources Students are introduced to the issues, approaches, and people involved with natural resource management in a tropical country. Topics generally include the ecological, social, economic and cultural aspects of natural resource management in the tropics. The scheduling and duration, and hence credit allotment, also varies with destination. A diverse study body is desirable; students from a variety of programs and disciplines are admissible. Class size is limited; potential students must submit an application to explain the relevance of the course to their own studies and interests. Students must consult with their program advisor(s) to determine whether they may receive credit for this course. For current details, including destination, content, cost, and application procedure, students should contact the instructor through the Department of Natural Resource Sciences.
NURS 3850	Field Course in Global Health Development in Nicaragua**

	<p>This course focuses on health development with a special emphasis on understanding cultural, social, economic, and political environments and their impact on health in a foreign country. Participants integrate global health and community development perspectives in an international nursing context. During a pre-departure week, the course participants attend several lectures that provide information about the country where the field school is located, theory on health development work and related project information. Participants travel to the chosen country and engage in health development projects for a two week period, drawing on principles of community development.</p>
PHIL 2160	<p>Technology and the Environment** Students examine what 'technology' is, the relationships and differences between technology and nature, and the role that technology plays in current environmental issues. The course raises the question of whether technology can help us find solutions to environmental crises, or if those problems are a direct result of seeing the world from a technological point of view.</p>
PHIL 3300	<p>Moral &amp; Political Philosophy** Continuing from PHIL 2010 and PHIL 2210, students focus on rights and duties, political philosophy, and theories of legal and political obligation. Legal reasoning as it applies to society and the state captures another axis of analysis in this course. Topics may include seminal decisions by the Supreme Court of Canada; punishment; deterrence versus retributivism; justification of law making; majority rule versus minority rights; and human rights.</p>
PHIL 4350	<p>Environmental Ethics This course offers a study of moral issues arising in the context of human relationships to nature and to non-human living things. Principal topics include the issue of what constitutes moral standing, animal rights, obligations to future generations, the moral dimensions of problems of pollution, the extraction, production and use of hazardous materials, the depletion of natural resources, and the treatment of non-living things.</p>
PHYS 1010	<p>Physics for Future Leaders Students explore key concepts in physics, focusing on understanding rather than mathematics. Physics is introduced in the context of current events. Topics vary but may include terrorism and explosions, energy and the environment, earthquakes and tsunamis, radioactivity and medicine, satellites and gravity. Additional topics are discussed according to student interest and may include quantum physics and teleportation, relativity, and cosmology.</p>
PHYS 1020	<p>Energy: Physical, Environmental and Social Impact ** Our use of energy affects everything from human health to the global climate. The objective of this course is to provide students with a qualitative understanding of the physical concepts surrounding the production, the storage, the conversion, and the consumption of various forms of energy in our modern society. As in PHYS 1010: Physics for Future Leaders, there is an emphasis on the understanding of the physical concepts rather than the mathematics. Topics include energy consumption, the Hubbert model, thermodynamics, environmental effects of fossil-fuels, climate change and human activity, the greenhouse effect, production of electricity, nuclear power and nuclear waste, renewable and green energy sources, fuel cells, and transportation issues.</p>
POLI 4710	<p>Communism and the Environment** This course will focus on the history and politics of communism and the environment. As such, it will explore environmental issues and policies in the Soviet Union, China and Cuba. Students will examine other related issues, such as the writings of Marx, Engels, Lenin, and others; ideology, political philosophy and the environment; and the role of communism and socialism in environmental movements, today. Students will also be asked to compare environmental practices in communist countries with those of capitalist countries.</p>
SOCI 2620	<p>Sociology of the Environment Students are introduced to several theories that sociologists use to explain the exploitation and despoiling of the natural environment. How and why society defines and uses natural resources is examined, in addition to how and why environmental degradation is defined as an issue while other degradation is not. Students learn that values, norms and definition change across time and place. Due to the nature of environmental issues and problems, students focus on global and Canadian issues.</p>
SOCI 3600	<p>Sociology &amp; Natural Resources Sociological perspectives on property, resource development, resource communities, and resource industries. Social causes and consequences of change in the social organization (e.g. ownership and the labour force); and social policies (e.g. land use, property rights) in industries such as agriculture, fishing, forestry, and mining. The course may also include examination of social aspects of resource development in the Third World.</p>
SOCI 4730	<p>Global Social Change** Students examine the societal developments that gave rise to colonization and prepared the grounds for globalization. The issues facing ordinary people, from Asia, Africa and Latin America, are explored as a consequence of colonization and the imbalance of power in the world. Topics include dictatorship and human rights abuses; unequal economic development; struggles for decolonization and independence; the status of women; environmental degradation; and the circumstances of ethnic</p>

	minorities and aboriginal peoples. Students also discuss grass-roots social movements that have achieved transnational organization and that oppose the effects of global neocolonialism.
SOCW 2120	An Introduction to Social Welfare in Canada** Students are introduced to the Canadian welfare state and the response of the federal and provincial governments to poverty in Canada. An overview of the historical development of social security policies and programs in Canada is provided, and the influence of ideology on policy is discussed. The impact of policy on youth, women, older persons, and Aboriginal peoples is described. The human service/social worker's role in formulating and influencing policy is considered.
SOCW 3000	Canadian Social Policy** This course explores the socio-historical, economic, ideological, and institutional contexts for the development of social policy in Canada. Students discuss the policy making process, as well as the role of social policy in processes of inclusion, exclusion, marginalization, and oppression. A critical analysis of selected social policies is emphasized. Students must maintain a grade of C or better to successfully complete the course.
SOCW 4800	International Social Work Students are introduced to the field of international social work. Current global social welfare issues and challenges are critically explored and discussed, including global Indigenous issues and development approaches of different countries. Students complete an in-depth examination of the economic, political, social, and cultural dimensions of globalization. Implications for international social work and its social justice and anti-oppressive mandate are analyzed by addressing complex global issues such as disaster relief and humanitarian aid, human trafficking, and forced migration of people. The impact of political, social, economic, cultural, religious, and environmental influences on human rights, social and economic justice, social policies, and service delivery are explored. The role of social work in facilitating international social development is examined in local and global contexts.
SUST 1000	Introduction to Sustainability** This course examines sustainability as a 'problem-driven' science studying the interaction between the human and environmental spheres. Students explore the economic, social, political and technological spheres of influence on how humans have impacted the natural resources and natural systems of this planet, and how all of these must be integrated in order to find solutions to the problems that have resulted from human activity. Course topics include sustainability theory and practice, population, ecosystems, climate change, energy, agriculture, water, environmental economics and policy, ethics and cultural history.
TMGT 1110	Introduction to Tourism** This course provides an introduction to tourism as an industry and a phenomenon. Topics covered during the semester will include the economic, social, environmental and political environment in which tourism operates at a global and local level. Students will be introduced to tourism products and experiences in BC and be given the opportunity to identify career opportunities in the tourism industry.
TMGT 2610	Environmental Issues in the Tourism Industry The rapid growth of tourism on a global scale has resulted in significant negative environmental impacts, and there is increasing concern about the relationship between tourism and the environment, both natural and cultural. This course explores the challenges facing the tourism industry in attempting to create a balance between environmental and economic concerns. The rich history of the conservation movement and development of the national parks system provides a lens through which to understand the foundation of the North American tourism industry. In addition, students examine the current greening of the tourism industry.
TMGT 3010	Community and Cultural Issues in Tourism Students are introduced to the ways in which cultures meet and interact in tourism settings. Consideration is given to intercultural communications, cross-cultural issues, and challenges in meeting the needs of both the host community and the guest from a tourism perspective. Students explore the range and diversity of cultural narratives and place-based approaches for developing cultural tourism experiences.
TMGT 3040	Land Use Management and Tourism Students are introduced to the theory and practice of land use planning and management in western Canada. Students review various land use designations that are important to tourism development, the policies and processes for developing commercial recreation on crown land, and various management strategies aimed at optimizing the use of natural areas for quality recreation and tourism experiences.
TMGT 4030	Resort Management** Students develop an understanding of how and why resort properties are developed as tourist destinations. The focus is on the planning, development, operation, design, financing, and special needs of resort properties.
TMGT 4040	Tourism and Sustainable Development

	Students examine the social, environmental, economic and political aspects of planning, developing, and sustaining tourism destinations. The major focus is on the benefits and impacts associated with tourism activities, and the importance of planning at the regional and community level.
TMGT 4160	Tourism in a Global Environment Students examine tourism and its dynamics from a global perspective. Specifically, students develop a thorough understanding of tourism as an economic, political, social, cultural and environmental force on the world stage, the impacts of this influence, and the strategies that tourism businesses can adopt to thrive in this environment.
TMGT 4220	Mountain Studies** Mountain Studies allows students the opportunity to engage in an interdisciplinary study of mountain environments, communities, resorts, activities, web presence, arts, sustainability, and destination experiences, with an emphasis on undergraduate research. Topics vary from year to year; potential areas of focus include mountain culture (literature, painting, film, photography, history, new media) and web-mapping with the provision of rich content; the development and sustainability of mountain national parks in Western Canada; mountain literature and art; comparative studies of the mountain resorts that ring TRU; mountains and participant-observer new media applications; and public relations and mountain resorts.
WTTP 1700	Water Sources This course provides training in the development of new and existing water sources. Students focus on ground and surface water sources as they relate to the way drinking water is treated and distributed. Areas of study include: basic water supply hydrology; groundwater sources; surface water sources; emergency and alternate water sources; source water conservation; source water quality; and source water protection.
WTTP 1710	Water Treatment 1 This is a basic water treatment course which focusses on environmental applications and emphasizes past, present and future technologies related to water treatment. Topics explored in this course include: operator responsibilities; water sources; reservoir management; coagulation and flocculation processes; sedimentation; filtration; disinfection; corrosion control; and basic water treatment sampling procedures.
WTTP 1740	Environmental Legislation, Safety and Communications This course provides a foundation in three topic areas: legislation, safety and communications. Under the legislative section, students gain an understanding of the basic principles of environmental law and the legislative framework under which most water suppliers must legally operate. The safety section includes topics such as occupational health and safety as it applies to operations and management of water systems. The third section covers oral and written communication skills required for operators dealing with specific situations that arise through interactions with the public.
WTTP 1760	Introduction to Wastewater Utility This course provides an introduction to the wastewater treatment processes, focusing on domestic and industrial sources as they relate to the way wastewater is collected, treated and disposed. Areas of study include: basic descriptions of what is wastewater; why we have to treat wastewater; the processes involved with treating wastewater; disposal of treat effluent; and the collection of wastewater from sources.
WTTP 1850	Water Treatment 2 This course is a continuation of Water Treatment 1. Advanced topics in this course include: water softening; pH control; pre-oxidation; and dissolved metals removal. Students are provided an overview of chemical feed systems and chemical dosage calculations.
WTTP 1860	Wastewater Utility 1 This course illustrates the progression of wastewater leaving the wastewater collection system and entering into the treatment plant stage. Various forms of preliminary treatment are explained and students learn about stand alone treatment plants such as septic systems and how they operate. Students discuss what occurs after preliminary treatment has taken place in regards to primary treatment, sedimentation, sludge and sludge removal. Wastewater lagoon systems are discussed, the various laboratory principles of wastewater are introduced, and students identify lab procedures related to the wastewater treatment processes.
WTTP 1870	Wastewater Utility 2 This course provides an in-depth look into the wastewater treatment processes and components. Students focus on secondary and advanced wastewater treatment, wastewater sludge residual treatment and disposal. Areas of study include: descriptions of treatment processes and components for secondary treatment; advance treatment targets and process; residual sludge treatment management; and disposal.
WTTP 2710	Water Chemistry This course provides an introduction to the study of water chemistry. The focus is on chemistry fundamentals that water operators require for problem analysis related to water treatment. Areas of study include: pH; alkalinity; and inorganic (metals and nonmetals, anion/cations) and organic

	(hydrocarbons, aromatics, detergents, pesticides) species found in water. Practical examples of removal and treatment of chemicals found in water are provided.
WTPP 2730	<b>Filtration</b> This course provides students with the basic understanding of water filtration mechanisms and the methods of their classification. Topics include a historical overview of the development of water treatment and its impacts on water filtration today. The process of slow and rapid sand filtration and its operation, performance optimization, maintenance, and backwashing techniques are considered in detail. Alternative filtration processes, such as membranes, pressure sand, manganese green sand, activated carbon, pre-coat and sediment filtration are also explained, along with operations and maintenance procedures for each of the technologies.
WTPP 2740	<b>Disinfection</b> The intent of this course is to cover the advanced concepts of drinking water disinfection and fluoridation. Topics include history of disinfection, causes of waterborne diseases and disinfection goals. Theory of disinfection, design, and operation as well as "disinfection by-products" are discussed. Technologies covered include chlorination, ozone, UV and alternate disinfection methods. Maintenance and calibration procedures used in monitoring equipment for both disinfection and fluoridation are also addressed.
WTPP 2800	<b>Microbiology &amp; Toxicology</b> The goal of this course is to introduce students to unifying concepts of biology, microbiology and toxicology relating to water, and the most common and significant sources of infectious diseases caused by microbial contamination. Students explore the types of toxicants present in aquatic systems, their routes of exposure and modes of action, as well as their effects on human health and the environment.
WTPP 2840	<b>Source Water Protection &amp; Management</b> This course introduces students to source water challenges and issues. Students study how ground and surface source waters and their catchment areas can face threats and vulnerabilities that impact water safety and sustainability. Students learn to characterize source waters, delineate protection areas, and identify water quality and quantity hazards and vulnerabilities. Using this data, students develop risk assessments and response plans to mitigate hazards through water system design, operations, and watershed management.
<b>TOTAL</b>	<b>127 courses</b>

## Sustainability Courses ('Open Learning')

APEC 1671	<b>Development Cost Charges</b> This course is about developing a fair and transparent development cost charge (DCC) system for First Nation or local governments. It will focus on creating DCC systems under the authority of the First Nation Fiscal and Statistical Management Act (FSMA) and First Nation Tax Commission (FNTC) procedures and standards related to DCCs. It will present DCC best practices throughout Canada.
BIOL 3431	<b>Plants and People</b> This course analyzes the importance of plants and the role plants have in the local and global community. Through online research and discussion-based activities, students learn about plant biology and how humans have impacted the plant world. Students evaluate the importance of plants as sources of bioactive chemicals and examine the importance of plants as foods, spices and dyes. Using a basic introduction to botany and plant physiology, students will consider how humans have used plants throughout history from cultural, societal, and industrial perspectives. Students also have the opportunity to explore the relationships between First Nations people and plants.
ENVS 3991	<b>Environmental Studies: Sustainability</b> This course is a Web seminar course offering special topics in environmental studies for in-depth-study. This upper-level course focuses on topics that are important to Canadians: the impacts of population and pollution on global climate change and the effects of exploiting our natural resources. Particular emphasis will be placed on water, energy, and biodiversity and on the attempts to balance the impact of our activities with the environment's capacity to absorb them. This course is suitable for learners completing degrees in a number of discipline areas including science, engineering, humanities, social science, business or general studies.
FRST 3073	<b>Forest Harvesting.</b> This course addresses the engineering, economic, and environmental factors associated with transportation and harvesting systems used in integrated forest resource management. These include: forest road design and location, geotechnical engineering, and drainage; harvest planning, locating, and scheduling ; and an international perspective on logging systems and their application in meeting silvicultural objectives. Forest harvesting is a specialized field within forestry, and

	professional competence within this field (especially road location and design) requires significant course work and an extended field internship in addition to the minimum standards identified here for the "general" forester.
GEOG 1191	<p>Introduction to Human Geography 1: People and the Environment</p> <p>This course traces the development of present-day attitudes concerning the complex interrelationship between people and the environment. It looks at both "determinist" and "possibilist" views and focuses on such subjects as resource exploitation, population growth, and the impact of human activities on the environment.</p>
GEOG 1221	<p>Introduction to Physical Geography</p> <p>This course provides an opportunity for understanding part of the complex physical and biological environment in which human beings live. It introduces basic processes that influence the characteristics and spatial relationships of climate, water cycle and vegetation. The first part of the course examines the interactions of solar energy with the Earth's atmosphere and surface, and how atmospheric circulation, precipitation, and weather systems are generated. The second part of the course covers the cycling of water and other Earth resources within the living zone - the biosphere. It focuses on how these cycles, together with the flows of energy, influence the nature and distribution of ecosystems and vegetation. Throughout the course, students look at patterns of human activity that are in response to and have an effect upon environmental processes, and are asked to observe and interpret aspects of their local environment in light of what they have learned.</p>
GEOG 3991	<p>Global Climate Change and Regional Impacts</p> <p>This seminar course involves in-depth analysis in environmental studies, including receptive but critical examination of various perspectives on the issues. Students study how natural processes and human activity alter the composition of the ocean and atmosphere and trigger climate change at different temporal and spatial scales, globally and regionally. As a basis for their critical thinking and seminar discussion, students develop knowledge of systems and energy flow and atmospheric and ocean circulation; methodologies, records, and indicators of climate change; and the consequences of human activity within the context of natural climate change and the environment's capacity to absorb anthropogenic impacts.</p>
GEOL 2391	<p>Environmental Geology</p> <p>This course provides an examination of geological processes and material as they interact with human activities, environmental planning and management.</p>
HIST 3991	<p>Environmental History</p> <p>This is an online seminar course that examines the reciprocal relations between humans and non-human nature through a historiographic perspective. The course addresses the changing impact of human populations, their technology and their ideas on the physical environment, as well as how climate, topography, plants and animals have enabled, constrained, and altered the path of human societies. The course emphasizes the North American context.</p>
PADM 4459	<p>Urban and Regional Economics</p> <p>This course examines economic forces influencing settlement patterns, growth, and other characteristics of towns, cities and regions. It provides a theoretical and historical basis for analyzing and predicting how urban areas evolve and how policies may affect patterns of growth and change. Topics include regional economics; economic development; growth policy; urban land use patterns; how land and housing markets function; how land use regulation affects these markets; urban environmental problems; urban transportation; and emerging spatial patterns.</p>
PADM 4469	<p>Local Government Land Use Planning</p> <p>Focusing on small and mid-size communities, this course (UVIC ADMN 446) provides an overview of land use planning principles and regulations to local government administrators and staff. Topics include: history; regulatory framework in BC; rural and small town planning; growth management and regional planning; neighbourhood, local and community planning; zoning; main street, strip and commercial planning; residential planning; permits and other regulatory mechanisms; public information and participation; and environmental and heritage planning.</p>
POLI 1111	<p>Canadian Government and Politics</p> <p>This course investigates Canada's system of government and central questions in this country's political life. You will learn about our constitutional arrangements, the structure and processes of our national government, and the relationship between politics and society. You will explore such issues as Quebec's relationship with Canada and the political impact of the Charter of Rights and Freedoms. You will look into the future of democracy as you analyze the political effects of globalization, concentrated economic power, and the ideology of limited government.</p>
POLI 3991	<p>Globalization and Its Discontents: The Politics of Economic Change</p> <p>This is a Web seminar course that examines three economic institutions that are central to understanding the processes referred to as "globalization": the World Bank, the International Monetary Fund, and the World Trade Organization. The course develops a framework of the key concepts in discussions of globalization before exploring the political origins and current social consequences of these organizations and examining related issues of global governance, corporate accountability, and global justice.</p>

WTTP 1721	<p>Environmental Legislation</p> <p>This course introduces students to the basic principles of law with an emphasis on federal, provincial and municipal environmental legislation that impacts water treatment operations. The field of water treatment is governed by many regulations and as such, operators must have a clear understanding of their responsibilities. Other topics include the concepts of due diligence, liability, methods of compliance, tort and case law.</p>
WTTP 1711	<p>Water Treatment I</p> <p>This course emphasizes environmental applications focusing on past, present and future technologies concerned with water treatment. The major emphasis will cover: operator responsibilities, water sources, reservoir management, coagulation and flocculation processes, sedimentation, filtration, disinfection, corrosion control and basic water treatment sampling procedures.</p>
WTTP 1851	<p>Water Treatment IIWT</p> <p>This course is a continuation of Water Treatment 1. More advanced topics such as water softening, pH control, pre-oxidation and dissolved metals removal will be covered. An overview of chemical feed systems as well as chemical dosage calculations will also be covered.</p>
WTTP 2341	<p>Asset and Operations Management</p> <p>This course identifies the key assets and operations of a water company and introduces students to the qualities of an effective asset and operations management program in the water industry. In addition, the course examines the skills required for operations management, asset identification, designing an asset maintenance program, data acquisition and management and water conservation.</p>
WTTP 2801	<p>Microbiology and Toxicology</p> <p>The goal of this course is to introduce you to some of the unifying concepts of biology, microbiology and toxicology relating to water, the most common and significant source of infectious diseases caused by microbial contamination. The course will explore the types of toxicants present in aquatic systems, their routes of exposure and modes of action, as well as their effects on human health and the environment.</p>
<b>TOTAL</b>	<b>18 courses</b>

Total of all Sustainability Courses ('On-Campus': 127, and 'Open Learning': 18): 145

## Courses That Include Sustainability ('On-Campus')

ADVG 1020	<p>Wilderness Travel</p> <p>Students review the theoretical and practical aspects of wilderness travel and are introduced to the organization of wilderness trips. Course content includes theory related to clothing and equipment, navigation, environmental concerns, travel techniques, route plans and trip planning and a field trip that includes navigation, route selection, group management, pacing, minimum impact camping, and hazard awareness. This course is the prerequisite for most other introductory level ADVG courses.</p>
ADVG 1330	<p>Backpacking**</p> <p>This course is an introduction to multi-day wilderness travel both on and off trail. Personal and group preparation and hiking skills are foundational for a successful wilderness travel outing. Course content includes introductory equipment selection for multi-day trips, food selection and preparation, route selection, pre-trip planning, introductory group management, and minimum impact travel and camping best practices. This course includes a multi-day wilderness excursion.</p>
ADVG 1050	<p>Guiding Leadership 1 (3,0,0)</p> <p>This course explores the role of leadership as it applies to guiding in the adventure tourism industry. Topics include philosophic approach, qualifications profile, group dynamics, communication skills, leadership styles, problem solving, and decisionmaking. Prerequisite: Students must be enrolled in an Adventure Studies Department supported program. For example, Bachelor of Tourism Management Degree, Adventure Guide Diploma, Adventure Management Diploma, Adventure Sport Certificate, Canadian Mountain and Ski Guide Program, or with permission of the instructor</p>
ADVG 1110	<p>Emergency Situation, Search and Rescue Management (3,0,0)</p> <p>This course explores the guide's role in emergency situations and search and rescue management. Course content includes identifying hazards, hazard avoidance, managing hazards, emergency situation management, developing response plans, and the BC Provincial Emergency Program Search and Rescue Management Course. Prerequisite: ADVG 1010 or permission of the instructor</p>
ADVG 1190	<p>Standard Interpretive Guide Course (16 hours)</p> <p>This is the standard interpretative guide course offered by the Mountain Parks Heritage Interpretation Association (MPHIA). It is designed for mountain professionals who guide</p>

	<p>in the mountain national parks of Eastern British Columbia or Western Alberta.  Prerequisite: Students must be enrolled in an Adventure Studies Department supported program. For example, Bachelor of Tourism Management Degree, Adventure Guide Diploma, Adventure Management Diploma, Adventure Sport Certificate, Canadian Mountain and Ski Guide Program, or with permission of the instructor.</p>
ADVG 1200	<p>Motorized Guiding Skills (2,0,0)  This course reviews the theoretical and practical aspects of guiding skills as applied to motorized wilderness travel, and is an introduction to the organization of wilderness day trips and multi-day trips. Course content includes theory related to clothing and equipment, navigation, environmental concerns, travel techniques, route plans, trip planning, and group management. This course is the prerequisite for most other introductory level courses in the Motorized Adventure Guide Certificate.  Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program or have permission of the instructor</p>
ADVG 1206	<p>ATV Technical Riding 1 (30 hours)  This course focuses on the development of introductory ATV riding skills, pre-ride inspections, starting and stopping, quick turns, hill riding, emergency stopping and swerving, riding over obstacles, hazard assessment, judgment, and environmental impact reduction when riding ATVs on roads and trails.  Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program, or with permission of the instructor</p>
ADVG 1210	<p>ATV Technical Riding 2 (30 hours)  This course focuses on the development of intermediate ATV riding skills, advanced riding skills through water, steep hills, winching techniques, casualty evacuation, group management, riding on soft ground, and hazard assessment.  Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program, or with permission of the instructor</p>
ADVG 1216	<p>Trail Crew (30 hours)  This course focuses on trail construction and maintenance, chain saw operation, and small engine maintenance.  Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program or have permission of the instructor</p>
ADVG 1220	<p>Snowmobile Technical Riding 1 and AST 1 (30 hours)(L)  This course focuses on personal skill development and group management while on trail systems and low-angle off-trail conditions. Training includes Work Safe BC policy while operating a snowmobile and the Avalanche Skills Training Level (AST) 1 Course. The AST 1 utilizes an entry-level decision-making framework for simple avalanche terrain. The certifications attained include AST 1 and Work Safe BC Industrial Snowmobile Operator Course.  Prerequisite: ADVG 2030 or with permission of the instructor</p>
ADVG 1226	<p>Snowmobile Technical Riding 2 (30 hours)(L)  This course focuses on advanced personal skill development and group management while traveling on a snowmobile in high-angle mountain terrain. The course covers winter hazards; terrain selection, snow conditions for efficient travel on snowmobiles, snow stability evaluation, group interaction and management skills, riding technique and developing sound judgment to ensure safe and enjoyable winter travel.  Prerequisite: ADVG 1220 or permission of the instructor and ADVG 2030 and ADVG 1590</p>
ADVG 1270	<p>Leadership and Customer Service (3,0,0)  This course reviews the theoretical and practical aspects of guiding skills as applied to motorized wilderness travel and is an introduction to the organization of wilderness trips. Topics discussed include philosophic approach, qualifications profile, roles and responsibilities, group dynamics, interpersonal communication skills, log books and journals, radios and helicopters, professionalism, and leadership styles.  Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program or have permission of the instructor</p>
ADVG 1276	<p>Business and Marketing for Adventure Operations (3,0,0)  This course focuses on business and marketing aspects of an adventure operation. Course participants will investigate corporate structures, budgeting, creating business growth, land access methods, business income and tax, and business management, along with marketing planning, promotion, advertising, and identification of preferred media strategies. Case studies specific to adventure sports will be used. Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program or have permission of the instructor</p>
ADVG 1286	<p>The Motorized Adventure Tourism Industry (2,0,0)  This course offers an overview of the fundamental skills, knowledge, and abilities to be</p>



	<p>successful in the motorized adventure tourism industry. Content includes exploration of the major industry leaders in BC and Canada, environmental impacts, and maintaining relations between motorized and other industry sectors and adventure sectors.</p> <p>Prerequisite: Participants must be enrolled in an Adventure Studies Department supported program or have permission of the instructor</p>
ADVG 1330	<p>Backpacking (30 hours)</p> <p>This course is an introduction to multi-day wilderness travel both on and off trail. Personal and group preparation and hiking skills are foundational for a successful wilderness travel outing. Course content includes introductory equipment selection for multi-day trips, food selection and preparation, route selection, pre-trip planning, introductory group management, and minimum impact travel and camping best practices. This course includes a multi-day wilderness excursion.</p>
ADVG 1340	<p>Introduction to Paddle Sports (30 hours)</p> <p>This course is an introduction to the theoretical and practical aspects of paddle sports including: river kayaking, flat-water canoeing, kayak touring and sea kayaking. Course content includes theory related to equipment selection, basic strokes and maneuvers, self and assisted rescue, paddling communication and hazard recognition and safety. This course includes a field trip to practice the organization of a successful paddling outing.</p>
ADVG 1350	<p>Canoe Skills (30 hours)</p> <p>This course is an introduction to flatwater canoe skills and serves as a foundation upon which further canoe skills may be built. Topics include an introduction and history of the canoe, canoe parts, paddle parts, basic canoe strokes and maneuvers, basic canoe rescue, and planning for a day-tripping canoe outing. This course follows the Paddle Canada 'Canoe Basics' or 'Introductory Lake Skills' curriculum.</p>
ADVG 1360	<p>Introduction to Kayak Touring (30 hours)</p> <p>This course is an introduction to the theoretical and practical aspects of lake kayak touring. Course content includes theory related to equipment selection, equipment packing, basic strokes and maneuvers, self and assisted rescue, paddling communication and hazard recognition and safety. This course includes a field trip to practice the organization of a successful paddling outing.</p>
ADVG 1362	<p>Introduction to Sea Kayaking (30 hours)</p> <p>This course is an introduction to the theoretical and practical aspects of Sea kayaking. Course content includes theory related to kayak equipment selection, basic strokes and maneuvers, self and assisted rescue, paddling communication, hazard recognition and safety. This course includes a field trip to practice the organization of a successful sea kayaking paddling outing.</p>
ADVG 1370	<p>Whitewater Kayaking Skills 1 (30 hours)</p> <p>This course is an introduction to the theoretical and practical aspects of whitewater kayaking. This course will take place in a pool, flat-water and moving water environments. Course content includes theory related to equipment selection, basic strokes and maneuvers, self and assisted rescue, paddling communication and hazard recognition and safety. This course includes a field trip to practice the organization of a successful moving water paddling outing.</p>
ADVG 1372	<p>Whitewater Kayaking Skills 2 (30 hours)</p> <p>This course builds on the theoretical and practical skills and knowledge developed in Whitewater Kayak Skills 1. This course will take place in moving water and class 2 river environments. Course content includes: selecting thermal protections, personal protective equipment and kayak equipment for the river, intermediate strokes and maneuvers, developing a whitewater roll and more advanced assisted rescue techniques, scouting and navigating basic whitewater, hazard recognition and safety. This course includes a field trip to practice the organization of a successful class 2 paddling outing.</p>
ADVG 1380	<p>Rock Climbing Skills 1 (30 hours)</p> <p>This course is an introduction to the theoretical and practical aspects of rock climbing. Course content includes theory related to equipment selection, basic movement on rock skills, introduction to knots and hitches, climbing communication and hazard recognition and safety. This course includes a field trip to practice the organization of a successful climbing outing. This course is the prerequisite for other ADVG climbing skills courses.</p>
ADVG 1400	<p>Avalanche Safety Training 1 (30 hours)</p> <p>This course is an introduction to factors affecting snow stability and avalanche phenomena and provides an entry-level decision making framework for travelers in a mountain winter environment. This includes an introduction to the Avalanche Terrain Exposure Scale, use of the Avaluator as a decision making tool, and practice with rescue equipment in a companion rescue scenario. This course is the prerequisite for ADVG</p>

	1410 Ski Touring Skills 1.
ADVG 1410	<p>Ski Touring Skills 1 (30 hours)</p> <p>This course is an introduction to ski touring and serves as a foundation upon which further ski touring skills may be built. Topics include ski touring equipment selection, clothing and thermo-regulation in a winter environment, basic terrain recognition, an introduction to group management, and basic snow shelter concepts, as well as an application of concepts and skills delivered in the ADVG 1400 Avalanche Safety Training course. This course includes a field trip to practice the organization of a successful winter ski touring outing.</p>
ADVG 1510	<p>Flatwater Canoe Instructor (60 hours)</p> <p>This is the CRCA (Canadian Recreational Canoeing Association) Flatwater Instructor certification, and it prepares students for the Moving Water Instructor and Trip Leader courses. The Flatwater Instructor course is to provide a national certification of competence in the instruction and administration of the CRCA flatwater level courses. Prerequisite: ADVG 1020</p>
ADVG 1550	<p>Skiing 1 (60 hours)</p> <p>This course is an introduction to downhill ski techniques and equipment. Students participate on telemark and alpine equipment. The purpose is to develop strong downhill skiing techniques in order to reach a maximum efficiency level on variable snow conditions and to progress towards instructor level abilities. CANSI &amp; CSIA teaching progression and techniques are utilized. Prerequisite: ADVG 1020</p>
ADVG 1560	<p>Ski Tour 1 (70 hours)</p> <p>Students are introduced to backcountry ski touring on mountaineering or Nordic equipment. Course content includes backcountry ski equipment, accessory equipment, skiing back-country terrain, route finding, hazard evaluation, and winter camping skills. Prerequisite: ADVG 1020 and one of ADVG 1550 or ADVG 2450 or ADVG 2550</p>
ADVG 1570	<p>Rock Climbing 1 (70 hours)</p> <p>This is a personal skill development course designed to build a foundation in rock climbing industry standard systems. Areas that are emphasized include hazard management, related communication and movement skills, rope and equipment handling, knots and systems, clean (natural) and fixed protection use, belay systems and anchors, and leading strategies. Students can expect to lead climb on a bolted or gear route by the end of the course. Upon completion of the course the student may be recommended for the A.C.M.G. Climbing gym instructors program. Prerequisite: ADVG 1020</p>
ADVG 1580	<p>Mountaineering 1 (70 hours)</p> <p>This is a mountaineering skill development course which includes mountaineering equipment, mountain safety, belays, anchors, mountaineering techniques, and crevasse rescue. Prerequisite: ADVG 1020</p>
ADVG 1590	<p>Avalanche Safety for Ski Operations Level 1 (70 hours)</p> <p>This is the Canadian Avalanche Association Level 1 course which includes avalanche phenomena, terrain analysis, the mountain snowpack, stability and hazard evaluation, data collection, and avalanche rescue. Prerequisite: ADVG 1020 and ADVG 1560 or permission of the instructor ADVG 1600 2 credits SRT 3: Swiftwater Rescue Technician (60 hours) Students develop a comprehensive understanding of river rescue instruction as it pertains to canoes, kayaks, and rafts, hypothermia, and drowning. Students are able to perform rescues in moving water, create improvised rescue and rope system rescues, and participate in numerous rescue simulations. Prerequisite: ADVG 1530</p>
ADVG 1900	<p>Expedition 1 (70 hours)</p> <p>Students participate in a self-directed expedition planned in conjunction with program instructors, focusing on areas where skill development is desired. This trip may be international in nature. Prerequisite: Entry to the Adventure Guide Diploma and ADVG 1020</p>
ADVG 2000	<p>Adventure Guide Practicum (1,0,8P)</p> <p>The practicum course provides hands-on experience to enhance the student's academic studies. This is a work experience course that enables students to link theory and practice and consists of a work project undertaken for or in collaboration with a motorized guiding outfit. Prerequisite: Participants must be enrolled in an Adventure Studies Department</p>

	supported program or have permission of the instructor. Students who wish to undertake a practicum must first find an organization that is willing to supervise the work. Practicum applications must be received by the Adventure Studies Department at least one month before the practicum placement.
ADVG 2040	The Business of Adventure Tourism An in-depth study of adventure tourism as a business. The aspects of corporate structures, administration, budgeting, marketing, creating business growth, land access methods, business income and tax, issues and trends, business plans, and business management will be studied.
ADVG 2140	International Adventure Tourism Business Conducting adventure business operations in the international environment brings complexities not found in a Canadian-only context. This course is intended to provide a background for operating trips and businesses in foreign countries. Course content includes a philosophy of international operations, product development and marketability, new product locations, managing, logistics, legal issues, environmental scans, assessing political and country risk, and joint venture operations.
ADVG 2160	Outdoor Education Planning and Design (3,0,0) The planning and design of outdoor education experiences is dependent upon a thorough understanding of outdoor education philosophy, appropriate curriculum development and instructional delivery. This course is intended to provide a background in outdoor education planning and design to outdoor education leaders, teachers and guides. Course content includes: outdoor and adventure education philosophy, foundations of outdoor education, planning and design of outdoor education experiences, route selection, terrain guidelines, curriculum development, and contemporary philosophical issues. Prerequisite: Students must be enrolled in an Adventure Studies Department supported program. For example, Bachelor of Tourism Management Degree, Adventure Guide Diploma, Adventure Management Diploma, Adventure Sport Certificate, Canadian Mountain and Ski Guide Program, or with permission of the instructor.
ADVG 2170	Outdoor Education Pedagogy (3,0,0) The delivery of outdoor education is dependant upon a thorough understanding of the principles and methods of instruction. This course is intended to provide a background in outdoor education instructional delivery to outdoor education leaders, teachers and guides. Course content includes: outdoor education delivery methodology, instructional techniques for outdoor education activities, group management, decision making, risk management, outdoor education versus adventure education, achieving educational objectives through outdoor activities, and evaluation techniques. Prerequisite: Students must be enrolled in an Adventure Studies Department supported program. For example, Bachelor of Tourism Management Degree, Adventure Guide Diploma, Adventure Management Diploma, Adventure Sport Certificate, Canadian Mountain and Ski Guide Program, or with permission of the instructor.
ADVG 2180	Outdoor Education and the Law (3,0,0) Outdoor education blends the various legal requirements of numerous disciplines such as teaching, guiding, interpretation, and adventure sports. This course is intended to provide a background in the legal and risk management elements of these disciplines. Course content includes: impacts of the legal system on outdoor education, contemporary legal issues in outdoor education, public and parental perception and understanding, the law and custodial care groups, standards of care in outdoor education, accident review process, and land access issues. Prerequisite: Students must be enrolled in an Adventure Studies Department supported program. For example, Bachelor of Tourism Management Degree, Adventure Guide Diploma, Adventure Management Diploma, Adventure Sport Certificate, Canadian Mountain and Ski Guide Program, or with permission of the instructor. ADVG 2200 1 credits
ADVG 2200	Climbing Gym Instructor Level 1 (30 hours) This is an Association of Canadian Mountain Guides certification course. A Climbing Gym Instructor Level 1 can instruct sport climbing based top roping, and basic training and movement skills on climbing structures. The certification does not cover the skills required to instruct protection placement, anchor threads, rappelling, hazard management or other techniques required to safely climb outdoors. Prerequisite: Students must be enrolled in an Adventure Studies Department supported program. For example, Bachelor of Tourism Management Degree, Adventure Guide Diploma, Adventure Management Diploma, Adventure Sport Certificate, Canadian Mountain and Ski Guide Program, or with permission of the instructor, and current Standard First Aid certification (16 hrs).

ADVG 2210	<p>Climbing Gym Instructor Level 2 (30 hours)</p> <p>This is an Association of Canadian Mountain Guides certification course. A Climbing Gym Instructor Level 2 can instruct sport climbing based leading and intermediate movement courses on climbing structures. The certification does not cover the skills required to instruct protection placement, anchor threads, rappelling, hazard management or other techniques required to safely climb outdoors.</p> <p>Prerequisite: ADVG 2200</p>
ADVG 2220	<p>Climbing Gym Instructor Level 3 (30 hours)</p> <p>This is an Association of Canadian Mountain Guides certification course. A Climbing Gym Instructor Level 3 can instruct sport climbing based leading and advanced movement courses on climbing structures. In addition, the Level 3 Instructor develops instructional courses and supervises larger climbing programs and instructional staff. The certification does not cover the skills required to instruct protection placement, anchor threads, rappelling, hazard management or other techniques required to safely climb outdoors.</p> <p>Prerequisite: ADVG 2210</p>
ADVG 2230	<p>Guide Training Skiing - Mechanized (70 hours)</p> <p>This is the first of two training courses that prepare candidates for the Assistant Ski Guide exam. The course focuses on many of the technical skills required to safely lead ski groups in backcountry mechanized ski operations. Topics covered may include operational decision-making, downhill guiding, record keeping, rope systems (crevasse rescues, cliff rescue), transceiver searches, and snow observation skills. The course includes skills screening, in particular in the area of ski technique.</p> <p>Prerequisite: ADVG 2030 and ADVG 1590</p>
ADVG 2240	<p>Top Rope Climbing Instructor (50 hours)</p> <p>This is a Top Rope Climbing Instructor certification course for those who conduct top rope rock climbing and rappelling programs on simple and easily accessed outdoor terrain. The certification does not include multi-pitch rock climbing or the placement of protection for anchoring or leading.</p> <p>Prerequisite: ADVG 2200 or permission of the Program Coordinator</p>
ADVG 2260	<p>Ocean Surf 2 (30 hours)</p> <p>Students focus on the development of intermediate surf skills, including advanced paddling skills, enhanced wave judgment, proper positioning in the line up, and intermediate wave riding techniques. Additionally, students develop a deeper understanding about the effects wind, weather and swell have on surf conditions.</p> <p>Prerequisite: ADVG 2640 and ADVG 2070</p>
ADVG 2270	<p>Ocean Surf 3: Surf Instructor (45 hours)</p> <p>Students focus on developing their intermediate surfing skills, surf rescue, and the required surf instructional skills leading to Life Saving British Columbia's Bronze Cross and instructor qualifications, recognized by Parks Canada.</p> <p>Prerequisite: ADVG 2260</p>
ADVG 2280	<p>Alpine Ski Instructor Level 3 (60 hours)</p> <p>This course is the Level 3 Ski Instructor Certification of the Canadian Ski Instructors' Alliance. This course provides training in alpine ski instruction and will provide opportunities for professional ski improvement.</p>
ADVG 2290	<p>Snowboard Instructor Level 2 (60 hours)</p> <p>This course is the Level 2 Snowboard Instructor Certification of the Canadian Association of Snowboard Instructors. This course provides professional training in snowboard instruction and will provide opportunity for professional snowboarding improvement.</p> <p>Prerequisite: Canadian Association of Snowboard Instructors (CASI) Level 1</p>
ADVG 2330	<p>Alpine Ski Instructor 2 (60 hours)</p> <p>The Level 2 Ski Instructor certification represents the second step for Canadian alpine ski instructors. It is continued on from the CSIA Level 1 course, but deals more in depth into modern teaching methods of outdoor sport, more in depth knowledge of ski technique, discussions on customer service, as well as teaching the growing population of seniors. This CSIA Level 2 course will provide certification to those candidates who are successful in achieving the required performance standard. This course provides professional training in alpine ski instruction, and ski technique.</p> <p>Prerequisite: ADVG 2450</p>
ADVG 2430	<p>Assistant Hiking Guide (80 hours)</p> <p>This certification course evaluates candidates according to standards established by the Association of Canadian Mountain Guides. This course is intended for guides who lead clients on day-hikes and multi-day backpacking trips, on established trails and off-trail in wilderness operations. Course content includes navigation, route plans, group management, helicopter use, camping, interpretation, client and hazard management. Assistant hiking guides work with supervision from a hiking, alpine or mountain guide.</p>

	Prerequisite: ADVG 2030 (Canadian Mountain and Ski Guide Diploma); ADVG 1020 and ADVG 2030 (all other programs)
ADVG 2440	Hiking Guide This certification course evaluates candidates according to standards established by the Association of Canadian Mountain Guides. This course is intended for guides who intend to lead clients on day-hikes and multi-day backpacking trips, in all types of hiking terrain, and without supervision. Candidates are expected to demonstrate advanced skills in route finding, advanced navigation, hazard management, camp management, trip planning leadership, environmental ethics, and client care in a multi-day scenario.
ADVG 2450	Alpine Ski Instructor 1 This course represents the first level of instruction for Canadian alpine ski instructors. This CSIA (Canadian Ski Instructor Alliance) Level 1 course offers certification to those candidates who are successful in achieving the required performance standard. Students are provided professional training in alpine ski instruction, in addition to having an opportunity for personal ski improvement.
ADVG 2460	Swiftwater Rope Rescue Students gain a comprehensive understanding of rope systems as applied to the moving water environment. The course is structured parallel to the Provincial Emergency Program Rope Rescue Team Member course, however, it is intended for participants from paddling backgrounds, and is required prior to entry into the Swiftwater Rescue Instructor course. Students become proficient at rope handling skills and principles and communication on the river. Students set up rescue anchors, belays for multi-person loads, lowering and raising systems, patient and stretcher ties and attachments, recovering vessels, and highline systems and telfers. Students also participate in numerous rescue simulations.
ADVG 2470	Freestyle Kayaking (50 hours) Students develop whitewater kayak playboating skills and practice the latest freestyle maneuvers and techniques developed in paddle sports.
ADVG 2490	This white water skill development course is intended to prepare students for the Level 1 Flatwater instructor course through Canoe Kayak British Columbia.
ADVG 2510	Moving Water Canoe Instructor (60 hours) Students are taught advanced moving water canoeing skills, required for the Canadian Recreational Canoe Association Moving Water Instructor Certificate. Course content includes river hydraulics, advanced strokes, and advanced paddling.
ADVG 2520	Canoe Trip Leader (60 hours) Canoe tripping skills leading to the Canadian Recreational Canoe Association Trip Leader Certificate. Canoe tripping, trip planning, trip experience.
ADVG 2530	Upon completion of this course, students have developed advanced whitewater kayaking and leadership skills. Students participate in the Level 1 Flatwater Kayak Instructor Certification course through Canoe Kayak British Columbia, leading to the Assistant River Kayak.
ADVG 2540	Senior River Kayak Instructor (60 hours) Students gain in-depth whitewater kayaking instructional skills. Students participate in the Level 2 and/or Level 3 Whitewater Kayak Instructor and Leader Certification Course through Canoe Kayak British Columbia.
ADVG 2550	Telemark Ski Instructor Level 1 (60 hours) This course offers instruction in nordic skiing, and leads to the CANSI Telemark Instructor Level 1 Certificate. Course content includes advanced Nordic downhill techniques and teaching skills.
ADVG 2570	Ski Tour 2 (70 hours) Students are instructed in advanced backcountry skiing, route finding, evacuations, ski tour guiding, and methods for teaching backcountry skiing.
ADVG 2580	Guide Training Skiing - Touring (70 hours) Continuing from ADVG 2230: Guide Training Skiing - Mechanized, this is the second of two training courses that prepare guide candidates for the Assistant Ski Guide Exam. This course introduces professional standards common to ski tour guiding including information gathering and hazard management; guiding and professionalism; trip planning and use of options; terrain use; uphill and downhill guiding techniques; client care; overnight travel; glacier travel techniques; and small and large group management. Participants are screened in advanced backcountry ski techniques.
ADVG 2590	This is the first course in the Rock Guide program and the recommended entry point for students intending to complete the Mountain Guide Certificate or Diploma. Course content includes a variety of technical guide applications common to rock, ski or alpine guiding, such as professionalism and guiding; equipment common to guides; preparation and planning a trip; climbing systems for guiding; descent systems; and

	improvised rescue systems.
ADVG 2610	Apprentice Rock Guide (80 hours) This certification course evaluates candidates according to standards established by the Association of Canadian Mountain Guides. This course involves evaluating and coaching guiding techniques, while simulating a guide-client relationship on long, multi-pitch rock routes and sport-climbs, and requires a high level of rock climbing proficiency. Students also demonstrate field and classroom teaching techniques. This is the required course to work as an apprentice guide in rock terrain.
ADVG 2640	Sea Kayaking 1 (60 hours) Upon completion of this course, students gain an understanding of sea kayaking techniques and the ocean environment, tides, ocean flora and fauna, sea kayak equipment, and ocean safety. Students perform rescues, navigate in a variety of ocean environments, and execute various guiding techniques.
ADVG 2650	Sea Kayaking 2 (60 hours) Upon completion of this course, students perform advanced sea kayaking instruction, understand guiding leadership and leadership criteria, talk knowledgeably about ocean safety, execute complicated ocean rescues, and are able to plan an extended overnight trip. Students participate in the Association of Sea Kayak Guides Assistant Guide Exam.
ADVG 2652	Sea Kayak 3 (30 hours) This course offers training and certification for Paddle Canada, Sea Kayak Level-1 Instructor. This will allow students to have greater industry opportunity and professional development with instructional sea kayaking. The Level-1 instructor is certified to conduct and certify Paddle Canada courses entitled Introduction to Kayak and Level-1 Skills. They may also assist on the following courses: Level-2 skills, Level-2 Instructor and Introduction to Kayaking Instructor.
ADVG 2660	River Rafting 1 (60 hours) Upon completion of this course, students are able to safely operate paddle and oarpowered river rafts in Class 2 and 3 rapids. The skills and knowledge of legislated standards required for commercial guides in British Columbia are acquired during the course. Students become proficient in all three types of craft (paddle, oar and motor), allowing students to gain an overall perspective of the raft guiding industry.
ADVG 2690	Elective Activity (60 hours) As approved by the Adventure Travel Guide Diploma Coordinator, students may receive credit for participation in additional adventure activity courses not taught within the Adventure Guide Diploma. Courses must be recognized training programs to receive consideration.
ADVG 2700	Open Water Diver (60 hours) This is the entry level NASDS (National Association of Scuba Diving) Open Water Scuba Diving certification program. Enables the participant to go sport diving anywhere in the world.
ADVG 2710	Advanced/Master Diver (60 hours) This course includes the NASDS (National Association of Scuba Diving Schools) Advanced Open Water and Master Dive certifications. Course content includes search and recovery, underwater navigation, night diving, deep diving, and five specialty dive modules.
ADVG 2720	Dive Supervisor (60 hours) This course is the first of the NASDS (National Association of Scuba Diving Schools) professional diver programs. Upon completion of this course participants are qualified to organize dive outings for groups and conduct dive tours.
ADVG 2750	River Rafting 2 (60 hours) Students are provided the required river rafting instruction, leading up to the River Rafting Guide Examination. Course content includes rafting equipment, maintenance, paddle rafts, oar rafts, case studies, raft management, and guest management.
ADVG 2760	Ice Climbing (60 hours) This course includes ice climbing techniques for both waterfall ice and mountaineering. Topics include systems for leading, anchors, and steep ice techniques.
ADVG 2770	Adventure Sports Photography (60 hours) This course is intended as a digital photography course for guides, with an emphasis on photo composition and the application of photography to the context of guiding businesses. There is an increased demand for the use of quality photography within company brochures, magazine articles, trade shows and self-promotion within the adventure tourism industry. It is imperative that guides are able to understand what makes a quality photograph, how to take quality photographs, how to repair personal and guest equipment in the field, and how to use photographs for promotion purposes.
ADVG 2780	Sea Kayak 3 (30 hours)

	Students will prepare and be examined for the Level 2, Sea Kayak Guides Alliance of BC, certification. This will allow students to lead in Class 2 waters, assist in Class 3 waters and demonstrate comfort in Class 4 waters.
ADVG 2790	Ski Tour 3 (70 hours) This course is an advanced ski tour guiding course on nordic or randonÃ©e equipment, for students who do not meet the prerequisite requirements for the Guide Training for Skiers courses. Course content includes guiding ski tours; terrain assessment; snow stability assessment; route finding; track-setting; decision making; and hazard management.
ADVG 2800	Rock Climbing 2 (70 hours) This is an introduction to multi-pitch gear climbing. It is designed to introduce competent rock climbers to industry-standard multi-pitch climbing and descending systems. Students participate in a non-threatening learning environment, flexible enough to meet the needs of a variety of individuals, and structured to provide a progression of skills and concepts that build on each other in a logical sequence. Upon completion of the course students may be recommended to enroll in the ACMG's Top Rope Instructor certification course.
ADVG 2810	Mountaineering 2 (70 hours) This is a skill development course in alpine climbing techniques. Students travel in simple to moderate alpine terrain, conducting peaks ascents of semi-technical and technical routes. This course involves multi-pitch climbing on rock, snow, ice, and mixed terrain.
ADVG 2820	Apprentice Ski Guide (80 hours) This certification course evaluates candidates according to standards established by the Association of Canadian Mountain Guides. The course involves evaluating and coaching guiding techniques, while simulating a guide-client relationship and managing winter and avalanche hazards, as well as route selection, information gathering, decision making, and uphill and downhill tracksetting. The course demands a high level of proficiency in backcountry skiing or snowboarding in mountainous and glaciated terrain. This course is an apprentice guide standard recognized by HeliCat Canada and the Backcountry Lodges of British Columbia Association.
ADVG 2840	Coastal Sail Cruising 1 (60 hours) This course is an introduction to coastal sail cruising. Students explore interrelation of cruising with other aspects of coastal adventure tourism. The course is taught in accordance with the Canadian Yachting Association Basic Cruising Standard and is concerned with developing competent coastal sailing skills.
ADVG 2860	Ski Guide (80 hours) This certification course evaluates candidates according to standards established by the Association of Canadian Mountain Guides. Candidates demonstrate the ability to gather information, choose appropriate terrain, and manage hazards in remote, glaciated mountain terrain. Topics also include client care, group management, and conduct of guides meetings. A high level of proficiency in backcountry skiing or snowboarding is required. This course is the 'lead guide' standard recognized by HeliCat Canada and the Backcountry Lodges of British Columbia Association.
ADVG 2870	Rock Guide (80 hours) This certification course evaluates candidates to standards established by the Association of Canadian Mountain Guides. Candidates demonstrate a high level of rock climbing proficiency and applied guide techniques on long multi-pitch routes and sportclimbs. Additional topics include advanced, improvised, rescue techniques in high angle settings. This certification is the 'lead' guide standard for rock climbing operations.
ADVG 2880	Apprentice Alpine Guide (100 hours) This certification course evaluates candidates to standards established by the Association of Canadian Mountain Guides. Candidates are assessed in alpine guiding techniques in a wide variety of mountain terrain and conditions, including client management on rock, snow and ice; advanced navigation; glacier travel; risk management; decision-making; and use of options. A high level of fitness is required. This course is the standard for working as an apprentice guide in mountaineering and climbing operations.
ADVG 2890	Alpine Guide (100 hours) This certification course evaluates candidates according to standards established by the Association of Canadian Mountain Guides. Candidates demonstrate a high level of proficiency climbing on alpine rock, ice, snow and glaciers, as well as the ability to manage clients and hazards in a wide variety of alpine terrain. This certification is the 'lead' guide standard for mountaineering and climbing operations.
ADVG 2900	Expedition 2 (60 hours)

	Students engage in a self-directed, 3-4 week expedition which must be a significant achievement, and may be international in nature.
ADVG 2930	Rock Climbing 3 (70 hours) This is a preparation course for The Association of Canadian Mountain Guides - Guide Training Rock course. It is designed to introduce advanced rock climbers to professional guiding skills. Students are coached and instructed in order to attain entry-level guiding, standard rope management, technical systems, movement, and high angle rope rescue skills. Students receive feedback upon completion of the course as to their competency to proceed to the ADMG Guide Training Rock course.
ADVG 2940	Mountaineering 3 (70 hours) This is a pre-course, to prepare candidates for entry in the Association of Canadian Mountain Guides - Guide Training Alpine course, designed to teach professional guiding skills to competent climbers and mountaineers. The course is meant to be taught in a non-threatening learning environment, flexible enough to meet the needs of a variety of individuals, and structured to provide a progression of skills and concepts that build on each other in a logical sequence.
ADVG 3110	Adventure Activities (1,0,4) This course offers practical exposure to the planning and participation in a selection of adventure sports. Students are introduced to adventure sports by participating in activities such as whitewater kayaking, rock and ice climbing, sea kayaking and skiing; activities may change from year to year. Additional topics are discussed, such as trip preparation, and safety and leadership styles. While most of the group and technical equipment are provided, students are required to provide their own clothing and equipment, and participate in at least one weekend field trip and a number of evening instructional sessions. This course acts as a prerequisite to upper-level ADVG courses for students who may not have completed lower-level activity courses.
ADVG 3130	Adventure Operations (3,0,0) This course is an introduction to the planning of adventure activities and the operation of various types of adventure programs. Students gain practical knowledge by developing and planning an adventure activity, and discussing the principles of implementation. The course provides an overview of the day-to-day tasks, roles and responsibilities of operating adventure programs, and explores trends and issues that affect the management of adventure operations.
ADVG 3200	Adventure Sport and Tourism (3,0,0) Adventure sport and adventure tourism are terms used to describe a wide variety of activities - from bungee jumps to commercial ski trips to the South Pole. This course provides a survey of the adventure sport and adventure tourism industry; its philosophical foundations; adventure in contemporary society; the interrelationship of adventure in leisure, recreation, tourism, and extreme sports; and career paths.
ADVG 4020	Legal Liability and Risk Management for Eco and Adventure Businesses** This course is the study of risk management and law pertinent to the management and delivery of adventure tourism operations. The course examines legal liability concepts, waivers, case law, risk management practices, insurance and post-incident strategies.
AGSC 2100	Introduction to Food Production Systems This course is a study of the fundamental concepts and principles of food production systems. Students survey a range of agricultural systems using global, North American, Canadian, and B.C. examples. Students discover how agriculture interacts with natural ecosystems and other land uses. Required field trips are an integral part of the course, and some weekend trips are mandatory.
ANTH 2140	Canadian Native Peoples An introduction to the present situation of Canada's Indians, Metis and Inuit, interpreted on the basis of contemporary and historical political, economic and cultural developments. Major topics include: the Indian Act, the reserve system, land claims, directed culture change, social consequences of paternalism.
ANTH 2600	Minorities in the Modern World An introduction to the anthropological study of minorities, with special reference to the present position of indigenous peoples around the world. Case studies from North America, Europe, Asia, Russia and Oceania illuminate the concepts of genocide, ethnocide, pluralism and multiculturalism.
ANTH 3030	The European Orient: Balkans, Russia and Eastern Europe An introduction to the anthropological study of minorities, with special reference to the present position of indigenous peoples around the world. Case studies from North America, Europe, Asia, Russia and Oceania illuminate the concepts of genocide, ethnocide, pluralism and multiculturalism.
ANTH 4040	People and Cultures of the North American Arctic This course introduces the North American sub-Arctic, Arctic, and High Arctic as discrete cultural regions. Surveying the historical, ecological and cultural diversity of the Arctic, this course reviews anthropological perspectives on the past and present lives and experiences of indigenous peoples who



	have made the high latitudes their home for millenia. This course documents patterns of social organisation among Inuit, Dene, and Metis with a secondary focus directed towards recent economic, political, and cultural trends in the region resulting from European contact, colonization, and political devolution.
ANTH 4050	Indian Reserve Communities This course will present Canadian reserve communities as distinct societies. A survey of status Indian reserve communities across Canada, this course chronicles the origin of the numbered reserve system historically by introducing the Indian Act, Registered Indians, and the numbered treaty process. It surveys the variety of reserve communities nationally, as well as documenting present-day rese
APEC 1610	Introduction to First Nation Taxation Students are introduced to First Nation taxation under the authority of the FMA. The course focuses on the economic and fiscal rationale of the FMA and the workings of the FMA. The FNTC and the other FMA institutions are discussed, including the First Nations Finance Authority (FNFA) and the First Nations Financial Management Board (FMB).
APEC 1650	Communications, Taxpayer Relations and Dispute Resolution Students discuss the establishment of mutually beneficial working relationships between First Nation tax authorities and taxpayers, focusing on interest based negotiations, communication templates for taxpayers and media, and best practices in taxpayer relations. The course also provides an overview of the informal and formal dispute resolution processes related to the Financial Management Association and the First Nation Tax Commission.
APEC 1680	Capital Infrastructure and Debenture Financing Students learn to use long term debenture financing as a tool for providing local government infrastructure. The course focuses on the regulatory requirements related to long-term debentures in the Financial Management Association (FMA), and emphasizes the legal, planning, and policy requirements established by First Nation Finance Authority, the First Nation Tax Commission and the First Nations Financial Management Board. Best practices are presented for economic, capital and financial planning, required by any First Nation interested in borrowing under the authority of the FMA.
APEC 2640	Residential and Commercial Development on First Nation Lands** Students examine residential and commercial development on First Nation lands, using the Indian Act, the First Nation Fiscal Management Act (FMA), and the First Nation Land Management Act (FNLMA). Some of the legal, administrative, and financing infrastructure gaps in the Indian Act that inhibit residential and commercial development are highlighted, and strategies to overcome these legal barriers are explored. Topics include investment on First Nation lands; First Nation property rights; land management and development on First Nations lands; and a case study in First Nations development negotiations.
APEC 2650	Investment Facilitation on First Nation Lands It is four to six times more expensive to facilitate investment on First Nation lands than it is off First Nation lands. This course investigates the source of these higher costs and how to reduce expenditure, while introducing the concept of transaction costs. Students discuss how private and public investment work together to create economic growth, and focus on the interests of investors and what First Nations can do to facilitate investment on their lands. This course is of interest to both First Nations and interested investors.
APEC 2660	Resource Development on First Nations Lands **  Students examine the economic and fiscal impacts on First Nations of existing or proposed resource projects within their territories. They also investigate how First Nations can successfully negotiate agreements and mediate disputes so to maximize the benefit of these agreements for their communities. Topics include an introduction to resource economics; fiscal and economic impacts of resource projects; environmental review of resource projects; and resource project interest-based negotiation and dispute resolution. The course incorporates examples and case studies of actual First Nation resource agreements and disputes. It culminates in a First Nation resource project negotiation simulation and role play.
ARET 1510	Building Lighting Design ** This course involves a detailed analysis of the factors considered in the selection of light sources and equipment through the utilization of the Illuminating Engineering Society of North America (IESNA) calculation methods and engineering practices. In addition, the fundamentals of the biology of sight and the psychology of colour as it pertains to the development of a building lighting system is discussed. Students determine the illumination requirements of a building through the utilization of IESNA calculation methods, apply the building illumination requirements utilizing engineering practices, develop a commercial building lighting system design, and create a commercial building lighting system working drawing.
ARET 2120	Building Information Technology ** This course is an introduction to Revit Architecture. Students learn the techniques for the mass modeling of a building. The building information model is then developed into a complete set of architectural working drawings. The building model may also be used for construction planning, conflict detection,

	fabrication and sustainable design. Using knowledge obtained in the first year of the program, successful students are able to develop the building model components including walls, roofs, floors, slabs, railings and fences, as well as customizing families for REVIT software. Presentation techniques, details, and annotation of plans and details are also discussed.
ARET 2210	Construction Management** This course involves the fundamental aspects of construction management, including on-site management and inspection, construction safety, construction laws and labour relations, contract and construction administration, and the planning, scheduling, and controlling of construction projects.
ARET 2300	Building Regulations ** This course provides students with an overview of the British Columbia Building Code, with in-depth analysis of Part 3 Fire Protection, Occupant Safety and Accessibility, and Part 5 Environmental Separation. In addition, students research common municipal zoning by-law requirements, in reference to Kamloops Zoning By-law No. 5-1-200 by-laws.
ARET 2400	Site Planning and Development ** This course provides an introduction to the land development process and focuses on specific issues related to site planning, organization and circulation. The connection between land use and transportation is explored and methods to assess on-site and off-site transportation requirements are introduced. The course includes planning concepts, site planning principles, sustainable site design principles, an application study of the Kamloops Zoning Bylaw, trip generation calculation, site organization and layout, parking layout, site amenities and landscaping.
ARET 4300	Architectural and Planning Systems 1 **  Students will be involved in master planning and schematic architectural design of a mixed-use development. The design project will comply with the current building codes and zoning regulations. Students will create presentation documents, coordinate with other engineering disciplines and incorporate sustainable design principles.
ARET 4310	Architectural and Planning Systems 2 **  The student will be involved in design development and construction documents for the undergraduate design project. Students will coordinate the engineering consultants while ensuring compliance with current building codes and zoning regulations. Students will be expected to develop design details with a focus on rigorous building envelope practices. Green Building rating systems will guide the overall development of the design details. This course will feature industry professionals working in collaboration with faculty and students to further enhance building integration methods.
ARET 4500	Building Systems 1 ** This course is an advanced study of the processes, techniques, and tools involved in an energy audit of building systems. Energy conservation measures (ECM) applicable to electrical, lighting, and HVAC will be covered in detail.
ARET 4510	Building Systems 2 ** This course is an advanced study of commonly used sustainable energy technologies in building systems: photovoltaic technology, ground-source heat pumps, and wind turbine systems. Students will be taught the basics of design applications for grid-connected and standalone PhotoVoltaic (PV) systems.
BIOL 2160	Introductory Microbiology Students are introduced to the world of microorganisms, including bacteria, yeasts, fungi, and viruses, and the important roles they play in ecosystem health. Focusing on the principles and applications of microbiology, course topics include microbial physiology; growth and growth control; gene transfer; gene expression and environmental sensing; disease; and environmental biotechnologies such as wastewater treatment, bioremediation and industrial microbiology. Laboratory sessions provide hands-on training in cell culture techniques, applied microbiology, and manipulation of DNA.
BIOL 2170	Introduction to Ecology Ecology can be described as the scientific study of the natural world. Students are introduced to the basic principles of ecology, and examine relationships among organisms and their environment: from the level of the individual up through populations, communities and ecosystems.
BIOL 4020	Limnology This course offers theoretical and applied aspects of limnology. Students consider the ecology of inland water organisms in relation to the physical, chemical, and biological factors that affect their interactions and production. Note: This course is a cross-listing of NRSC 3260
BLAW 3910	Real Estate Law** Students investigate the legal principles and law relating to acquiring property rights in and developing legal interests in land. Case law and statutes are studied in depth to reinforce an understanding of the legal concepts. Topics include acquiring an interest in land; long and short-term commercial leases;

	aboriginal land interests; environmental responsibility for land owners and tenants; and organizations impacting land development and marketing.
BLAW 3920	<p>Employment Law</p> <p>Students investigate the legal principles and law relating to the individual employer/employee relationship, and how it influences business decisions. Case law and statutes are studied in depth to reinforce an understanding of the legal concepts. Topics include human rights issues, the contract of employment, legal issues during employment, statutes that impact the employment relationship, monitoring the employment relationship, and termination of employment.</p>
BUSN 3980	<p>Business Research Methodology</p> <p>Students learn to identify and formulate a research question, select and apply appropriate quantitative and qualitative research methods, and present research findings. A strong focus is placed on ethical issues relevant for research in the business and economics disciplines. Topics include an introduction to research methodology; defining the problem statement; critical literature review; theoretical framework and hypothesis development; elements of research design; data collection methods; experimental designs; experimental designs; measurement of variables; sampling; research reports; research ethics; and a review of quantitative data analysis.</p>
BUSN 3990	<p>***Selected Topics in Business Administration</p> <p>The subject matter in this course will vary from semester to semester depending upon the interests of students and faculty. Courses are taught by visiting professors to instill their unique perspectives or regular faculty to address emerging topics in a discipline, share research or teaching interests, or test potential new courses.</p> <p>Prerequisite: Permission of the program advisor</p>
BUSN 4960	<p>Directed Studies in Business Administration</p> <p>Individuals or groups of students engage in independent study, research, or practice related to a topic in business administration under faculty supervision. The supervisor(s) determines the appropriate curriculum, evaluation methods, and credit assignment in consultation with students and subject to the approval of the department chairperson(s) and dean.</p>
BUSN 4980	<p>Honours Thesis</p> <p>Students in the Honours Option-Thesis Route in the Bachelor of Business Administration degree prepare and defend a thesis in accordance with the policies established by the School of Business and Economics. The thesis is completed under the supervision of a faculty member and is evaluated by a Thesis Defence/Examining Committee.</p>
BUSN 4990	<p>***Selected Topics in Business Administration</p> <p>The subject matter in this course varies from semester to semester depending upon the interests of students and faculty. Courses are taught by visiting professors to instill their unique perspectives or regular faculty to address emerging topics in a discipline, share research or teaching interests, or test potential new courses.</p>
BUSN 5010	<p>Managerial Statistics (3,0,0)</p> <p>Students examine the statistical methods and tools required for decision making in today's business environment. Topics include descriptive statistics and numerical measures; statistical inferences with two populations; hypothesis tests and nonparametric methods; analysis of variance; simple regression models; multiple regression models; regression and the model building process; regression models with categorical dependent variables; applied models with categorical dependent variables; forecasting in business; and decision analysis.</p>
BUSN 5020	<p>Financial Accounting</p> <p>Students acquire the knowledge and skills necessary to understand financial statements. They analyze the many accounting policy choices available to companies, and the consequences of these choices for users. Topics include recording basic financial transactions, financial statement preparation, adjusting entries, accounting for receivables and inventories, depreciation and sale of capital assets, bonds and long-term debt, equity transactions, the cash flow statement, revenue and expense recognition, and leases and pensions.</p>
BUSN 5030	<p>Management Accounting</p> <p>Students explore the three functions managers must perform within their organizations: planning operations, controlling activities and making decisions. To perform these functions efficiently, managers must collect and interpret appropriate information based on the firm's long-term strategy and annual objectives. Topics include an introduction to management accounting; costs and cost behavior; job costing; activity based costing; cost behavior and the contribution margin; budgeting; budget variances and performance evaluation; variable costing, lean production, and segmented reporting; performance measures and the balanced scorecard; short-term decision</p>

	analysis; and fraud, controls and ethics.
BUSN 5040	<p>Global Economics</p> <p>Students develop an understanding of the theoretical framework within which the performance of an economy can be analyzed. Topics include overview of macroeconomics; measurement of income, prices and unemployment; national income determination; money, banks and central bank; the IS-LM model; financial market and economic instability; government budget, debt, and limitations of fiscal policy; international trade, exchange rate and macroeconomic policy; aggregate demand and aggregate supply; inflation; stabilization policies and the theory of economic growth.</p>
BUSN 5050	<p>Marketing Management</p> <p>Students examine the key principles and concepts of marketing in a variety of contexts including nonprofit, international, services, and environmental issues. Topics include marketing strategy, marketing research, customer relationship management, market segmentation, branding, pricing strategies, channels of distribution, integrated marketing communications, and international marketing.</p>
BUSN 5060	<p>Human Resource Management (3,0,0)</p> <p>Students acquire the knowledge and skills required to effectively design and manage a human resource management system. Human resource management systems that are aligned with strategic objectives and more capable of attracting, deploying, developing and retaining human capital are key contributors to organizational competitiveness and success. Topics include the strategic role of human resource management; the legal environment; designing and analyzing jobs; planning and recruitment; selection; orientation and training; performance appraisal; compensation; employee benefits and services; occupational health and safety; effective employee relations; and labour relations, collective bargaining, and contract administration.</p>
BUSN 6020	<p>Corporate Finance</p> <p>Students acquire the knowledge and skills required to effectively manage a firm's operating and fixed assets, and to fund those assets with an optimal mix of short-term and long-term debt and equity financing. Topics include goals of the firm, corporate governance and executive compensation, time value of money, financial statement analysis, financial reporting quality, maturity matching of assets and liabilities, financial planning, capital budgeting, risk and return and stock valuation, bond valuation and interest rates, cost of capital, capital structure, and dividend policy.</p>
BUSN 6030	<p>International Business</p> <p>Students are introduced to the basic concepts of international business and competition from a manager's perspective. Topics include country differences in political economy, the cultural environment, ethics in international business, international trade theories, the political economy of international trade, foreign direct investment, regional economic integration, the foreign exchange market, the global monetary system, global strategy, global marketing and research and development, and global human resource management.</p>
BUSN 6040	<p>Leadership and Organizational Development</p> <p>Students adopt a systematic understanding of the characteristics of a successful leader and what is required by leaders to attune and align organizations to the ever-changing global business environment. Topics include new realities as a force for change; the prime task of leadership - identifying new realities; critical systems thinking; philosophies, theories, and styles of leadership; the systematic leadership approach; authority, obedience, and power; authority, power, leadership, and group dynamics; organizational behavior, group dynamics, and change; the shadow side of leadership; leadership and ethics; systematic leadership and strategy; and 'the leader in you'.</p>
BUSN 6050	<p>Supply Chain Management</p> <p>Students acquire the knowledge and basic skills to effectively design a supply chain for an organization. Topics include an introduction to supply chain, the importance of information technology, supply chain slacks, demand management, supply management, inventory management, production management, transportation management, location analysis, sourcing decisions, supply chain strategy, and an overview of special types of supply chains such as green and humanitarian aid supply chains.</p>
BUSN 6060	<p>Strategic Management Information Systems</p> <p>Students learn to effectively manage a firm's information and technology assets in order to meet the information needs of the organization. Topics include information systems strategies, the development of information system assets, organizational information infrastructure, databases and data management including decision making support, enterprise resource planning systems, ebusiness, social media use by organizations, information security and risk management, innovating with information technology, and leadership and management of information systems.</p>
BUSN 6070	<p>Project Management and Consulting Methods (</p>

	Students explore the concepts and practical techniques to apply consulting methods in their work and to participate in, or manage, complex projects. Topics include the five stages of the consulting process (entry and contracting, discovery and dialogue, analysis and the decision to act, engagement and implementation, and closing); analysis and presentation techniques; and an examination of the five major project process groups (project initiation, planning, execution, controlling, and closing).
BUSN 6080	Strategic Management Students examine the role of senior management in developing and implementing corporate strategy in a global context. They learn to analyze the firm's external and internal environment to identify and create competitive advantage, as well as to formulate, implement, and evaluate cross-functional decisions that directly affect the ability of an organization to achieve its stated objectives. Topics include an introduction to strategic management, measures of firm performance, analysis of the external and internal environments, business-level and corporate-level strategy, acquisition and restructuring strategies, international strategies, corporate governance, organizational structures and controls, strategic leadership, and corporate social responsibility and ethics.
BUSN 6310	Innovation and Entrepreneurship (3,0,0) Students acquire the knowledge and skills required to manage the development of innovations, to recognize and evaluate potential opportunities to monetize these innovations, to plan specific and detailed methods to exploit opportunities, and to acquire the resources necessary to implement plans. Topics include entrepreneurial thinking, innovation management, opportunity spotting and evaluation, industry and market research, business strategy, business models and business plans, financial forecasting and entrepreneurial finance, pitching to resource providers and negotiating deals, and launching new ventures.
CHEM 0500	Foundations of Chemistry 1 (5,0,2)(L) ABE - Advanced: This course is designed for those students who have taken no previous high school chemistry course but who now require the equivalent of Chemistry 11 for entry into a certain program or course. Topics covered include chemical arithmetic, chemical nomenclature, chemical formula calculations, energy, solutions, atomic theory, chemical bonding, acids and bases, and physical properties. The laboratory reinforces concepts introduced in the lectures.
CHEM 0600	Foundations of Chemistry 2 (5,0,2)(L) ABE - Provincial: A pre-university level course for students requiring a more in-depth introduction to chemistry than provided by CHEM 0500 or Chemistry 11. The course is an acceptable prerequisite for CHEM 111. Topics covered will be similar to those dealt with in Chemistry 12 and will include gas laws, reaction kinetics, chemical equilibrium, solubility of ionic substances, acids and bases, oxidation-reduction and organic Chemistry. The laboratory exercises will illustrate and reinforce topics covered in the lectures.
CHEM 1310	The World of Chemistry (3,0,0) This course will look at a variety of chemistry issues that have changed history or are in the news today. Everything from Napoleon's buttons to climate change will be covered. No backgrounds in Science or Mathematics is required. This is an introductory chemistry course for non-Science students. This is a credit course for all bachelor degrees except Science.
CHEM 1510	Fundamentals of Chemistry (4,0,3)(L) This is the second half of a fundamental first year chemistry course, designed for students who have completed CHEM 1500: Chemical Bonding and Organic Chemistry, and have a Chemistry 11 background. The topics include a brief review of stoichiometry, gas laws, thermochemistry, equilibrium and electrochemistry. Students are expected to become familiar with these topics, and demonstrate their proficiency in various laboratory techniques. The laboratory stresses fundamental precision techniques in quantitative analytical and physical chemistry.
CHEM 2100	Introductory Analytical Chemistry** Students are introduced to the principles of analytical chemistry and their practical application to solution samples. Topics include statistical method of data analysis, quantitative principles of chemical equilibrium, and fundamental concepts of gravimetric, spectrophotometric, electrochemical, and chromatographic methods of analysis. In the laboratory component, students perform experiments using the same state-of-the-art instrumentation used in many commercial and research laboratories. An analysis of samples of clinical, environmental, and biochemical interest is completed to illustrate the material discussed in lectures.
CHEM 4070	Selected Topics in Physical and Environmental Chemistry

	This lecture course will consider in depth a selection of topics drawn from the areas of Physical Chemistry and Environmental Chemistry. The particular topics chosen may vary each time the course is offered.
CHEM 4090	Introductory Computational Chemistry This is an introductory course on computational chemistry with a primary focus on the practical aspects of this subject. Students will be introduced to the methods currently used, the approximations involved and the ways in which these approximations can be systematically improved. Computational chemistry methods will be applied to the investigation of various chemical/environmental problems.
CHEM 4430	Advanced Physical and Environmental Chemistry Laboratory** This is a half-semester (6-week) advanced laboratory course in physical and environmental chemistry which illustrates relevant physical chemistry principles in selected areas of physical and environmental chemistry.
CHEM 4450	Advanced Chemical Biology (2,1,3)(L) Lectures and seminars examine the interface of chemistry and biology, and practical laboratory experience introduces students to advanced chemical biology techniques. The emphasis is on providing the knowledge and theory behind biological systems from a chemical perspective, while exposing students to the modern laboratory techniques that are of current value in the biotechnology and pharmaceutical industries. These industries require professionals who have a strong background in organic chemistry, molecular biology and genomics. Current journal articles are incorporated into a problem-based learning approach that has students researching background material in order to complete an assigned project experiment.
CONV 1010	Introduction to Tourism (40 hours) The course is designed to provide an introduction to the tourism industry. Consideration is given to the concepts and vocabulary common throughout the eight tourism sectors. A critical examination of the competition for resources with other industries in British Columbia will be examined.
CONV 1020	Introduction to Special Event Management** This course provides insight into how communities (local, regional and national) and the cultures within these communities can be attracted to and successfully included in special events. Consideration is given to cross-cultural issues and the challenges of creating an authentic experience while respecting the local environment and the traditions of the people who live in the location a special event is hosted. Some approaches and techniques for incorporating the traditions of communities and cultures into special events will be demonstrated.
CONV 1030	Celebrating Community and Culture** This course provides insight into how communities (local, regional and national) and the cultures within these communities can be attracted to and successfully included in special events. Consideration is given to cross-cultural issues and the challenges of creating an authentic experience while respecting the local environment and the traditions of the people who live in the location a special event is hosted. Some approaches and techniques for incorporating the traditions of communities and cultures into special events will be demonstrated.
CONV 1060	Event Marketing (40 hours) This course reviews the concepts and tools used to design and implement a successful event marketing strategy. The focus of the course is on applying contemporary principles of strategic marketing to the process of event management. These concepts are applicable to the broadest definition of the event management industry including festivals, sporting events, community celebrations, cultural events, and arts productions. A student-defined case study further defines the application of course content.
CONV 2100	Conference Management 1 (3,0,0) Part 1 of a 2 semester course designed to give the students the skills necessary to plan, organize, manage and evaluate a festival, special event, meeting, seminar or conference. In addition to an overview of the industry, emphasis will be placed on objective setting, team building and program planning.
CONV 2110	Conference Management 2 (3,0,0) Part 2 of a 2 semester course is designed to give the students some practical experience in planning, organizing, managing and evaluating a special event or conference. As well, lecture topics will include transportation arrangements, selection of speakers, and audio-visual arrangements.
CONV 2170	Fundraising for Non-Profit Organizations (3,0,0) The intent of this course is to provide the learner with some of the basic skills needed to conduct a fundraising campaign on behalf of a non-profit organization. In addition to discussions about the origins and evolution of philanthropy, learners will be exposed to various campaign models, public relations strategies and techniques for motivating

	volunteers.
CONV 2240	<p>Sports Event Management (3,0,0)</p> <p>The intent of this course is to provide the learner with an overview of the sports tourism industry and to provide them with some of the basic tools needed to successfully plan a sporting event. Learners will be introduced to the sports event and sport tourism industries and be given the opportunity to explore such topics as risk management for sporting events, volunteer management and event sponsorship.</p>
CONV 2250	<p>Sports Event Marketing (3,0,0)</p> <p>This course is designed to introduce students to some of the skills necessary to effectively market a sporting event. Students will learn how to develop a plan to go after relevant markets including attendees, competitors and sponsors. In addition, students will be exposed to such business concepts as product development, market opportunities and marketing plans.</p>
CONV 2260	<p>Managing Festivals and Events (3,0,0)</p> <p>This course covers the basic skills needed for a businesslike approach to planning and managing a well run, high quality community celebration. The focus of the course is on increasing organizational effectiveness and developing sound managerial strategies. Practical subjects such as fundraising and sponsorship, motivating volunteers, developing effective checklists, developing themes and creative ideas, resources and 255 contacts, and samples of event publicity are also covered.</p>
COOK 1100	<p>Culinary Introduction 1 (420 hours)</p> <p>This course, based on the Provincial Professional Cook Training curriculum for the Professional Cook 1 program, familiarizes students to food handling procedures surrounding safety and sanitation. Students learn safe use of tools and equipment, safe work practices, product identification, and food preparation methods, including seasoning and presentation. This course is the first level of the Provincial Apprenticeship program.</p>
COOK 1100	<p>Culinary Introduction 2 (540 hours)</p> <p>This course, based on the Provincial Professional Cook Training curriculum for the Professional Cook 1 program, familiarizes students to food handling procedures surrounding safety and sanitation. Students learn safe use of tools and equipment, safe work practices, product identification, and food preparation methods, including seasoning and presentation. This course is the first level of the Provincial Apprenticeship program.</p>
COOK 1200	<p>Culinary Dining Room (420 hours)</p> <p>This course is based on the Provincial Professional Cook Training curriculum for the Professional Cook 2 program. Students develop a preliminary understanding of food costing, menu planning and purchasing processes. Using multiple cooking methods, students complete a variety of cooking, baking (including deserts) and food preparation tasks. This course is the second level of the provincial apprenticeship program.</p>
COOK 2100	<p>Culinary Apprentice 3 (180 hours)</p> <p>This course is based on the Provincial Professional Cook Training curriculum for the Professional Cook 3 program. Students develop a preliminary understanding of food costing, menu planning and purchasing processes. Using multiple cooking methods, students complete a variety of cooking, baking (including deserts) and food preparation tasks. This course is the third level of the Provincial Apprenticeship program.</p>
CMNS 1810	<p>Business, Professional and Academic Composition (3,0,0)</p> <p>Students learn the theory and practice of successful academic, business, and professional writing. The similarities and differences involved in writing for business and academic purposes are examined in detail. Students also study and apply conventional methods of academic research and documentation involved in completing essays and reports.</p>
CMNS 2160	<p>Mass Communication and the Popular Culture Industry (3,0,0)</p> <p>245</p> <p>Students are provided a perspective based on professional practices within the total media environment in which our society operates. This includes an examination of the historical, sociological and economic realities of industries such as television, film, music, advertising, public relations and journalism.</p>
CMNS 3020	<p>Travel Media (3,0,0)</p> <p>This course studies novels, journals, blogs, films, and guidebooks in order to understand and produce texts in the complex matrix called "travel media." It examines many examples of travel media, both commercial and personal in order to understand how it has developed and currently works. These examples are considered from many</p>

	<p>perspectives such as the figure of "the Other," colonialism, the flaneur, postmodernism, and even visual and document design. The course considers the strategies of design that constitute the various genres of travel media, from logs, vlogs, and multimedia, to guides, and even stories.</p>
CMNS 3510	<p>Intercultural and Cross-Cultural Communication (3,0,0)  Students examine the way culture shapes communication practices, and focus on the issues that arise within organizations when individuals from different cultural perspectives attempt to work together. Students also investigate the ways in which different cultures interact in practice. This course qualifies as a Writing Intensive designated course.</p>
COMP 4930	<p>Professional and Ethical Issues in Computing Science (3,0,0)  Students examine current computer issues and selected topics from these, including the impact of computer technology on society; historical perspectives; social and economic consequences of large-scale information processing systems and automatic control; legal and ethical problems in computer applications; intellectual property. Additional topics include the computer and the individual; machine versus human capabilities; facts and fancy; problematic interface between man and machine; privacy and security; the need for standards and the implications of non-standardization; and ethics.</p>
CYCA 2000	<p>Introduction to Professional Foundations of Child and Youth Care (3,0,0)  This course provides an overview of the foundations of professional child and youth care practice. Topics include a review of the history of the child and youth care field and an identification of current child and youth care practice settings. Current theory and practice perspectives are explored, in addition to issues related to professional identity, ethical practice, children's rights, and interdisciplinary work.</p>
CYCA 2020	<p>Theoretical Foundations in Child and Youth Care (3,0,0)  Students are introduced to theory and practice and how these two concepts relate. Students explore three specific ways of thinking about, understanding, and dealing with behaviour and behaviour change: behavioural, psychodynamic, and systemic. The influence of normative development, multiculturalism, and gender sensitivity on therapeutic interventions is discussed.</p>
ECED 1200	<p>Practicum 1 - Developing Relationships with Children  This is an innovative field practice course designed to allow students to apply the knowledge, skills and attitudes required to become an effective educator of young children. Students have repeated opportunities to practice observation and documentation techniques, prepare the learning environment, develop relationships with children, and guide behavior with the mentorship of early childhood educators and a practicum instructor. Students integrate theoretical knowledge, use reflective practice and demonstrate professional conduct.</p>
ECED 1300	<p>Practicum 2 - Program Planning for Young Children (0,2,10P)(L)  Building on the goals of ECED 1200: Practicum 1, students integrate their knowledge and skills while participating as a team member in child care programs. Students take on additional responsibilities related to curriculum planning, managing a program, and responsibility for documentation with the mentorship of an early childhood educator and a practicum instructor. Students introduce a project to a group of young children, observe and record children's learning, and make the learning visible to the children, families, educators, and community.</p>
ECED 1320	<p>Child Guidance (4,0,0)(L)  This course is designed to demonstrate the positive influential effects of developmentally appropriate practice and a positive environment on children's behaviour. Students are instructed in how to support children's social and emotional development through an examination of the significance of play, interpreting children's behaviour, and individualizing interactions with children. To practice direct and indirect guidance strategies, students focus on the development of meaningful relationships and positive self-esteem for young children.</p>
ECED 1330	<p>Child Health (3,0,0)  Holistic health and wellness principles to support children's development is the focus of this course. An emphasis is placed on strategies to promote children's understanding of good health and nutritional habits. Students explore the health and safety of children by examining health related agencies, health regulations, and children with exceptionalities. Additional topics include personal wellness, childhood illness, and hospitalization.</p>
ECED 1350	<p>Introduction to Program Planning (4,0,0)(L)  An exploration of art media and authentic materials develops student's competence and creativity prior to implementing activities with children. Emphasis is on the preparation</p>



	of the learning environment, both physical and social, routines, and the role of the educator to develop, implement, evaluate, and document appropriate educational experiences for children. The British Columbia Early Learning Framework and pedagogical narrations are introduced.
ECED 2200	<p>Practicum 3 - Demonstration Practicum (0,2,16P)(L)</p> <p>This is an advanced practicum course designed to give students opportunities to apply their skills and knowledge of the role of the educator in a community child care program under the supervision of a practicum instructor and a designated sponsor educator. Students take on a leadership role to design and implement curriculum, in addition to having more opportunities for reflection and the practice of ethical decision-making. Students introduce a project to a group of young children, observe and record children's learning, and make the learning visible to the children, families, educators, and community.</p>
ECED 2300	<p>Practicum 4 - Programming for Individual Children (0,2,16P)(L)</p> <p>While continuing to pursue the goals of practicum 1, 2, &amp; 3, (professional principles, observation and recording techniques, preparation of the learning environment, developing and maintaining relationships with children, guiding children and program planning), this course concentrates on the development of program plans for individual children within group settings.</p>
ECED 2350	<p>Advanced Program Development (4,0,0)(L)</p> <p>This course surveys the historical foundations of Early Childhood Education through an examination of the theories and practices of important philosophers and educators. A discussion of philosophy and play lays the groundwork for students to examine values and beliefs with the purpose of articulating a personal philosophy to guide their practice. In-depth projects, reflective practice, and a variety of curriculum models are essential to this course.</p>
ECED 2400	<p>Practicum 5 - Infant and Toddler Care (0,2,35p)(L)</p> <p>This course will allow the student to put into practice all the goals of practica 1, 2, 3 &amp; 4 (professional principles, observation and recording techniques, preparation of the learning environment, developing and maintaining relationships with children, guiding children and program planning), with infants and toddlers.</p>
ECED 2450	<p>Program Development for Infants and Toddlers (2,1,0)(L)</p> <p>This course focuses on the development of enriching programs and environments for children under three years of age that will provide for the maximum development of the whole child.</p>
ECED 2550	<p>Programming for Individual Children (2,1,0)(L)</p> <p>Students will gain knowledge about the supported child care program in British Columbia; observation and assessment techniques; report writing; developing, implementing and evaluating individualized education plans; case conferencing with a variety of community professionals; and increased awareness of the range of support services for children.</p>
ECED 3300	<p>Field Experience: Programming for Individual Children (0,2,16P)(L)</p> <p>Field experience provides opportunities for both planned and spontaneous programming for children who require extra support due to a variety of exceptionalities. An in-depth investigation of inclusive practice is the guiding factors throughout the experience. Students demonstrate advanced skill acquisition, professional practice, reflective skills and integration of theory into practice, with expectations for increased complexity over each week in practicum.</p>
ECED 3400	<p>Infant and Toddler Field Experience (0,2,35)(L)</p> <p>Field experience implements opportunities for planned and spontaneous programming and to foster respectful interactions with infants and toddlers. Students reflect upon previous experiences, assimilate new knowledge, theory and research, and apply it to their practice with infants and toddlers. Students demonstrate advanced professional competencies, knowledge and reflective skills. Students formulate an action based research question related to the sensorial and/or social environment to support their program planning. Students use pedagogical narrations to disseminate research</p>

	outcomes with children, families, educators and class members.
ECON 1220	Introduction to Basic Economics (3,0,0) Students develop a basic understanding of economic principles, which allows for and encourages informed discussion of media-covered issues. Topics include contrasting macroeconomics and microeconomics; gross domestic product; economic growth and business cycles; unemployment and inflation; aggregate supply and demand; scarcity, opportunity costs, and trade; law of supply and demand; accounting versus economic profits; money and exchange rates; government choices, markets, efficiency, and equity; monopoly and competition; externalities, public goods, and free riders; and globalization and trade policy.
ECON 1900	Principles of Microeconomics Students examine the interactions between individuals and firms in various types of markets. Topics include a definition of economics; demand and supply analysis; consumer theory; production and cost; market structure including perfect competition, monopoly, monopolistic competition, and oligopoly; market efficiency and market failure; resource markets; and international trade.
ECON 1950	Principles of Macroeconomics (3,0,0) Students examine economic behaviour at the aggregate level, and the measurement and determination of national income. Topics include an introduction to economics; measuring macroeconomic variables including gross domestic product, unemployment, and inflation; the Keynesian model; aggregate demand and supply; money and banking; the money market; fiscal policy; monetary policy and the central bank; exchange rates and the balance of payments; and economic growth.
ECON 2220	Economics for Tourism, Recreation and Leisure** Students examine tourism, recreation and leisure from an economic perspective and take the viewpoint of both the demand side and the supply side of the economy. Topics include organizations and markets, market structure and pricing, the role of the external economic environment, cost-benefit analysis for projects, the economic impact of the tourism sector on development, the global impacts on the tourism, recreation and leisure sectors, and the economic assessment of environmental impacts of tourism and sustainability.
ECON 2630	Aboriginal Economics Students investigate issues related to Aboriginal self-governance and economic development. Topics include the economic rationale for implementing aboriginal rights and titles; the economic explanation for income differences between First Nations and non-First Nations; the First Nations public sector; market failures and successes of First Nations; approaches to First Nations economic development; and government policy initiatives to improve First Nations economies, including a third order of government for aboriginal peoples.
ECON 2950	Intermediate Macroeconomics 1 Students complete an advanced, in-depth examination of economic behaviour at the aggregate level. Topics include the determination and distribution of output in the long run; the classical dichotomy and neutrality of money; the measurement, problems, and determinants of unemployment and inflation in the long run; and the role of capital accumulation, population growth, and technology in growth theory.
ECON 6030	Foundations of Cost-Benefit Analysis** Students are introduced to the principles and practice of cost-benefit analysis and how it is applied to evaluating public policies and specific projects. Topics include the conceptual and economic foundations of cost-benefit analysis; valuing benefits and costs in primary and secondary markets; discounting benefits and costs; evaluation criteria; incorporating uncertainty and risk; the role of option price and value; existence value of projects; social discount rate; and predicting and monetizing impacts. Applications relate to such areas as human resource, natural resource, recreation economics plus economic development and urban planning.
EDCP 1020	Occupational Work Experience (1,0,0) This one credit career exploration course is designed to enhance students' understanding of their personal career goals and develop a plan for achieving them. In the classroom and through work experience, students will investigate essential employability skills required for that career and the relationship of those skills to the educational choices they have made. Integration of course work, occupational history, work experience and employability skills will be emphasized.
EDCS 1580	Introduction to Human Service Professional Practice (3,0,0) Students are introduced to professional human service practice. Topics include professional values, ethics, conduct, and strategies for self care. Specific to the field of education assistant and community support, students learn about their professional roles in school and community environments.

EDCS 1680	<p>Field Work (0,2,14P)</p> <p>This course requires students to be in the field two days per week and to attend weekly two hour practicum seminars. At this time such topics as team work, time management, advocacy, sexuality and family support for individuals with challenges will be discussed, in addition to practicum related issues/concerns. There will be a two week block fieldwork experience at the end of this course.</p>
EDFN 4200	<p>Aboriginal Culture and Learning (3,0,0)</p> <p>The course begins with an overview of the history of Aboriginal Education in British Columbia and Canada. The course focuses on effective teaching and learning practices for Aboriginal students including developing relationships with parents and extended family members. Teacher candidates examine how to enrich the regular school curriculum by adding Aboriginal content and including the cultural background of their Aboriginal students. The class format is presentation and discussion based on articles and videos provided by faculty, presentations from other Aboriginal educators, community members, and teacher candidates. Field experiences typically include visits to local band-operated schools, the Secwepemc Museum, the Kamloops Residential School and the Interior Indian Friendship Centre.</p>
EDPE 3100	<p>Physical Education Methods (2,0,2)</p> <p>The aim of this course is to provide a foundation of principles, learning opportunities and teaching, and critical thinking strategies in physical education that can be applied to whole classrooms of elementary students. Emphasis is on applying the various concepts of movement (games, dance, gymnastics, alternate-environment activities, and individual and dual activities) when planning to teach physical education. Teacher candidates participate in classroom, gymnasium, and outdoor activities that provide tangible links with scheduled practica and encourage putting theory into practice.</p>
EDPE 4150	<p>Elementary Physical Education: Instruction (2,1,0)</p> <p>The purpose of this course is to provide an opportunity for teacher candidates, who have completed EDPE 3100, to extend the skills and knowledge gained through previous course work and during practica, and to further develop their ability to teach elementary physical education. Opportunities are also provided for teacher candidates to reinforce previous learning and to develop greater skill in teaching activities from the five movement categories.</p>
EDSO 4150	<p>Global Education**</p> <p>This course explores, in theory and practice, how global education in schools can facilitate critical understanding and skills for building more peaceful futures in local, national, international, and global contexts. Students will critically examine six key issues of planetary crises: militarization, structural violence, human rights, cultural solidarity, environmental care, and personal peace. Strategies and pedagogies for global education will be explored.</p>
ENGL 3020	<p>Travel Media (3,0,0)</p> <p>This course studies novels, journals, blogs, films, and guidebooks in order to understand and produce texts in the complex matrix called "travel media." It examines many examples of travel media, both commercial and personal in order to understand how it has developed and currently works. These examples are considered from many perspectives such as the figure of "the Other," colonialism, the flaneur, postmodernism, and even visual and document design. The course considers the strategies of design that constitute the various genres of travel media, from logs, vlogs, and multimedia, to guides, and even stories.</p>
ENGL 4470	<p>Studies in Aboriginal Literature (North American)</p> <p>This course focuses on the contemporary writing (in English) of Indigenous people in Canada and the United States. Students explore how aboriginal writers adapt oral strategies to writing and employ various techniques and devices to challenge and subvert colonial assumptions about genre, gender, class, and race.</p>
ENVS 5020	<p>Advanced Topics in Ecology and Evolution</p> <p>This course involves: reading and discussion; methodology and data analysis; and critical evaluation, presentation and debate of cutting edge research in ecology and evolution. An emphasis is placed on understanding the integrative approach to environmental science.</p>
ENVS 5030	<p>Advanced Topics in Physical Sciences (3,0,0)</p> <p>Students undertake an investigation on a specific topic as agreed upon by the faculty member and the student. Permission of the supervisor required.</p>
ENVS 5200	<p>Environmental Science 2: Conducting Science (3,0,0)(L)</p>

	Focuses on the proposal, design, and conducting of scientific research, particularly in the field of environmental science; includes overview of analytical methods used in different disciplines.
ENVS 5400	Environmental Science: Dissemination and Outreach (30 hours) Students design and deliver oral presentations and poster displays on their thesis research at the Master of Science research forum; students are also required to demonstrate that they have extended their work into the public forum through a variety of possible avenues.
EVNT 1100	The World of Events (3,0,0) Students are introduced to the exciting world of events with a global snapshot of the modern events sector. Students gain insight into various genres and types of events, current trends, technology, management challenges, and best practices in delivering meaningful and memorable events.
EVNT 2070	Staging Special Events (3,0,0) Students are introduced to the skills and terminology of the technical aspects of staging festivals, special events, concerts and conventions. Students are exposed to some of the fundamentals of staging including conception, design, delivery, logistics, lighting, and sound systems through a hands-on experience of staging an actual event.
EVNT 2190	Destination Marketing Organizations (3,0,0) Using a convention and visitors bureau as a model, students learn the role that destination marketing organizations play in attracting all types of tourists to a city, region or country. In addition to learning about key market segments and how to attract them, students consider how destination marketing organizations are structured and funded.
EVNT 2250	Sports Event Marketing (3,0,0) This course is designed to introduce students to some of the skills necessary to effectively market a sporting event. Students will learn how to develop a plan to go after relevant markets including attendees, competitors and sponsors. In addition, students will be exposed to such business concepts as product development, market opportunities and marketing plans.
EVNT 2260	Managing Festivals and Events (3,0,0) This course offers the basic skills needed for a business-like approach to planning and managing a well run, high quality special event. The focus of the course is on increasing organizational effectiveness and developing sound managerial strategies. Students explore practical subjects such as fundraising and sponsorship, managing volunteers, strategic planning, risk management, and post-event evaluation.
EVNT 2500	Field Experience (0,2,3P) This course offers 2nd-year students the opportunity to connect academic course work with practical application by participating in a multi-day field experience where they have interaction and exposure to many facets of the events industry. Prior to engaging in the field experience, students participate in seminars to develop a deeper understanding of the aspects of the selected tours and visits, as well as to plan their travel itinerary within a budget. Upon return, students complete reflective oral and written assignments.
EXST 5010	Introduction to Experience Studies (0,3,0) The course provides the theoretical foundation for studying tourism experiences with implications for observing, understanding, creating, and evaluating those experiences. The "tourist experience" is a subject with more than 40 years of academic discourse. More recently, it has been conceptualized under the umbrella of the "experience economy" – an extension of the service economy now dominant in western society. The course examines early to contemporary conceptualizations of tourist experiences in the academic literature. Students will critically evaluate their own understanding of tourist experiences, identify opportunities to further develop knowledge production on tourist experiences, and learn to apply knowledge toward creating and managing experiences for the benefit of individual tourists and the communities they visit, to advance tourism's role in building a sustainable world.

FNCE 4130	<p>Advanced Financial Management</p> <p>Building on either FNCE 2120: Financial Management or FNCE 3120: Finance, students further develop their knowledge and skills in business finance. Topics include corporate governance and executive compensation, matching the maturities of assets and liabilities, pro forma financial statements, capital budgeting, incorporating risk in capital budgeting decisions, sustainable growth, sources of permanent financing, working capital management, capital structure and debt policy, and dividend policy.</p>
FRST 2040	<p>Forest and Environmental Climatology**</p> <p>This is a Science Laboratory course designed for Forestry and Environmental Science students. It includes basic principles and processes of climatology; energy and plant water balance concepts; vertical and horizontal air movements; weather systems; microclimates; and the interrelationships among plants, soils, climates, and the biosphere.</p>
FRST 2210	<p>Forestry Mensuration (3,0,2)(L)</p> <p>This course teaches forest inventory methods, growth and yield prediction, sampling techniques, and the applications of multiple linear regression statistical analysis. It includes methods of conducting regeneration and residue surveys, and an introduction to multiple resource inventories.</p>
FRST 3050	<p>Silviculture 1 (3,0,2)</p> <p>Silviculture is concerned with the art and science of controlling the establishment, growth, composition, health and quality of stands of trees in forests. The objective is to meet the diverse needs and values of landowners and society on a sustainable basis. Silviculture 1 is the first of a two-part series in the study of silviculture concepts and principles. Silviculture 1 and 2 have been designed to parallel, but are not identical to, Forestry 3050 and 3060 as currently offered by the Faculty of Forestry at the University of British Columbia and each conforms to the ABCPF Silviculture Academic Standards. This course will be offered in a distance format.</p>
FRST 3060	<p>Silviculture 2 (3,0,2)</p> <p>Silviculture 2 deals with stand tending silviculture practices from free growing through to final harvest of a stand. These include thinning, fertilization, pruning, and silviculture systems and their relationship to timber quality, structural biodiversity, habitat and stand growth and yield and allowable cuts at the forest level. Decision making in crop planning, stand dynamics, operational problems and relevant history policy and regulatory issues and underlining science theory are also covered.</p>
FRST 3070	<p>Forest Harvesting**</p> <p>The field of forest harvesting addresses the engineering, economic, and environmental factors associated with transportation and harvesting systems used in integrated forest resource management. These include forest road design and location, geotechnical engineering, forest road drainage; planning, locating and scheduling the harvest; and an international perspective on logging systems and their application to meet silvicultural objectives. Forest harvesting is a specialized field within forestry, and professional competence within this field (especially road location and design) requires significant course work and an extended field internship, in addition to the minimum standards identified here for the general forester. This course will be offered in a distance format.</p>
GEOG 1000	<p>Planet Earth: An Introduction to Earth System Science</p> <p>Students are introduced to earth system science by examining the interactions among the atmosphere, biosphere, lithosphere, hydrosphere, and human activity. Topics include plate tectonics; earthquakes and tsunamis; volcanos; the rock cycle; mass wasting (including landslides); weathering; and soils. Glaciers, permafrost, and Karst landscapes (including caves) are explored, in addition to hydrology - the study of occurrence, distribution and movement of water at or near the surface of the earth. Laboratory instruction includes landform identification using topographic maps; coordinate systems (latitude and longitude, UTM); map scale; basic surveying, including Global Positioning Systems (GPS); and graphing. Students discuss the benefits of Geographic Information Systems (GIS) and remote sensing technologies</p>
GEOG 1010	<p>People, Places and Landscapes: Introducing Human Geography</p> <p>This course is an introduction to human geography. Topics covered include: cultural; historical; economic; political; urban; social; and regional geography. Basic geographic concepts and cartographic methods are examined. The spatial behavior of people, their cultural diversity, and the landscape manifestations of their activities are explored in a variety of settings. Case studies from developing and industrialized nations are used to illustrate the evolution from traditional to modern societies.</p>
GEOG 2050	<p>Introduction to Hydrology**</p> <p>This physical geography course introduces students to hydrologic systems and processes, with an emphasis on: the global hydrologic cycle; hydrologic processes in river basins and related measurement techniques; and elementary hydrologic modelling. The course also examines the potential impact that land use (such as irrigation and urbanization), climate change and politics may have on water resources.</p>

GEOG 2110	<p>Geography of the Economic Landscape</p> <p>A geographic view of economic activity is offered in this course. Students examine economic interrelationships, the character of various economic regions, and general spatial organization, on a local, regional and global scale.</p>
GEOG 2120	<p>Geography of Urban and Regional Planning</p> <p>This course introduces the themes and challenges encountered in the field of Urban and Regional Planning, while recognizing the increasing interdisciplinary nature of this area of study. Students examine: urbanization as a historic and rapidly continuing process; the growth of functional regions and patterns of urban settlement; the dynamics of urban structure and land use; and critical planning issues that face developed and developing countries.</p>
GEOG 2750	<p>Geographic Information Systems (2,3,3)(L)</p> <p>This course is an introduction to basic concepts and applications of geographic information systems (GIS). Topics include: spatial analysis systems; applications of GIS technology, using micro and mini computers; and natural resource systems.</p>
GEOG 3060	<p>Groundwater Hydrology</p> <p>This science course deals with distribution and movement of water in the phreatic zone. Topics covered include properties of aquifers, principles of groundwater flow, groundwater flow to wells, soil moisture and groundwater recharge, regional groundwater flow, groundwater chemistry and contamination, groundwater development and management, and groundwater modeling.</p>
GEOG 3070	<p>Biogeography</p> <p>This physical geography course examines the physical, biological and chemical processes and constraints that determine contemporary spatial and temporal patterns in life on Earth. In addition, historical patterns are examined with an emphasis placed on the impact plate tectonics and late Tertiary and Quaternary climatic changes had on plant and animal distributions. Other topics discussed in this course include mass extinctions, biodiversity, and the possible biogeographic consequences of anthropogenically induced global climatic change.</p>
GEOG 3129	<p>Geography of Natural Hazards**</p> <p>This course is an introduction to the occurrence and origin of natural hazards such as volcanic eruptions, landslides, etc. Interaction between the relevant natural processes and society will be examined, as well as prediction of natural events and the amelioration of the effects of such events within different cultural contexts.</p>
GEOG 3230	<p>Geographies of Gender (2,1,0)</p> <p>This course is an introduction to gender and feminist geography. The course explores gender identities and biases in everyday spaces and activities at a variety of geographic scales, and examines the intersection of gender, race, and class to illustrate the complexity of social categories.</p>
GEOG 3270	<p>Historical Geography of Canada 1: Canada Before 1850 (2,1,0)</p> <p>This course is a study of Canada from the beginning of European contact to the mid-19th century, with an emphasis on the changing geographical patterns of settlement, economy, and culture.</p>
GEOG 3280	<p>Historical Geography of Canada 2: Canada After 1850 (2,1,0)</p> <p>This course is a study of the spread of settlement, the growth of towns, and the development of economic and cultural regions in Canada - a Nation increasingly influenced by industrialization.</p>
GEOG 3510	<p>Rural Geography**</p> <p>This course focuses on themes in rural geography, such as land use issues, small settlements and society, agriculture, tourism and other industries, rural administration, service provision, and the effects of socio-economic processes including urbanization and globalization.</p>
GEOG 3550	<p>Geography of the Rural-Urban Fringe (3,0,0)</p> <p>This human-geography course examines landscape change and management at the edge of cities. Examples will be taken from large and small cities in Canada and around the world.</p>
GEOG 3570	<p>Introduction to Social and Behavioral Geography</p> <p>Students study the development of social and behavioural geography, focusing on topics such as environmental perception and micro-geography, and approaching these topics from institutional and interactionist perspectives.</p>
GEOG 3700	<p>Field Course in Geography (0,3,0)</p> <p>The topic(s) and focus for this course is announced by the Department a year in advance. Prerequisite: A relevant core course or courses, or permission of the instructor. Prerequisite: Announced with the course focus and topic(s). GEOG 2700 is</p>

	recommended.
GEOG 4060	<p>Advances in Hydrology</p> <p>This seminar course explores key advances in hydrological science with an emphasis on forest hydrology. The historical development of our current understanding of the physical processes involved in the movement and storage of water in vegetated environments is covered as are future research directions. In addition to physical processes, where appropriate, advances in measurement and modelling methodologies are also examined. Key topics covered include advances in our understanding of rainfall, snow, through fall and stem flow, evaporation and transpiration, infiltration, soil moisture redistribution, and hillslope hydrology processes. Additionally, the hydrologic impacts of forest harvesting, wildfire, insect infestations, and global climatic change will also be examined.</p>
GEOG 4750	<p>Advances in Geomatics</p> <p>As a technology-based discipline, the field of geomatics is rapidly changing in response to technological advancements in remote sensing, computing hardware, wireless communication, programmatic abstractions, and spatiotemporal models. Through the reading of recently published articles and the replication of key results, this fourth year seminar class explores recent advances in the state-of-the-science of geomatics. Key topics include real-time access to environmental observations; free-and-open-source GIS; GIS-based decision support systems; Web-enablement; environmental data fusion; decentralized and cloud-based tools for geomatics.</p>
GEOG 4810	<p>Geography of Small Cities</p> <p>This course examines the economic, social, cultural, and environmental qualities of small cities and the issues and forces that affect them. Case studies are drawn from the local scene and from across North America.</p>
GEOG 4820	<p>Urban Biophysical Environments</p> <p>Cities represent areas where biophysical processes are often markedly distinct from their rural counterparts. This physical geography course examines the climatology, hydrology, geomorphology, and biogeography of cities, and the impact cities have on biophysical processes at regional and global scales. Specific topics include: the urban heat island effect; urban hydrology; building architecture and wind; atmospheric contamination; urban forestry; and the urban area as an ecosystem. Students observe the biophysical processes of environmental examples drawn from Kamloops and comparative communities.</p>
GEOG 4840	<p>Postcolonial Geographies (2,1,0)</p> <p>Students analyze the role of geographical ideas and practices in the establishment, maintenance, overthrow, and persistence of colonial relationships.</p>
GEOG 4850	<p>Geography of First Nations Issues in British Columbia</p> <p>This course offers an examination of the issues involved in the creation of new relationships that are evolving and inclusive of First Nations concerns in British Columbia. Students explore the past relationships between indigenous and nonindigenous peoples of the province, the legal principles and precedents in force, the present situation of ongoing negotiations, and an analysis of future possibilities. Land and resource agreements and disagreements are the focus of this course, as well as the mechanisms available for compromise and resolution.</p>
GEOL 1110	<p>Introduction to Physical Geology (3,0,2)(L)</p> <p>This is a science laboratory course directed towards anyone who has an interest in geology. The course involves a survey of all major topics of physical geology, including mineralogy, petrology, crystal chemistry, time, surface processes, volcanic activity, rock deformation and mountain building, and plate tectonics. Field excursions supplement the lecture and laboratory material.</p>
GEOL 2050	<p>Geological Time (3,0,3)(L)</p> <p>This course explores the evolution of Earth, the continents, oceans, atmosphere, climate, and biosphere over geologic time. Students will learn about the scientific principles, evidence, techniques and technologies for addressing fundamental inquiries such as how oxygen was added to the atmosphere, how and why climates have changed throughout time and the significance to current climate change; how water and salts were added to the oceans, and causes of sea level change; the formation and erosion of mountains; causes and effects of glaciations; theories for the origin of life, and the timing and causes of major extinctions; and the recent importance of humans as geologic agents.</p>
GEOL 2100	<p>Mineralogy: Properties, Identification, Occurrences and Uses (3,0,3)(L)</p> <p>The systematic study of minerals, their occurrences, and uses. Topics include identification of mineral properties in hand sample, mineral classification, description, physical and chemical properties, and crystallography. These topics are presented within the context of the processes of mineral formation, occurrences and importance to</p>

	society.
GEOL 3190	Geomorphology (3,0,2)(L) Students examine geomorphic processes and the interrelationship of processes, landforms, materials and time. Practical problems in science and applied science that relate to geomorphic processes are discussed in lectures, and methods of investigation and analysis are introduced in laboratory sessions.
GEOL 3280	Field Techniques (2,0,2*)(L) Students are introduced to techniques of geological field mapping, including methods in basic structural geology, core analysis, traversing, sampling procedures, and survival first-aid for the field. Laboratory sessions entail field exercises in traversing and mapping.
GLBL 1000	Global Competency (0,1,0) The course provides a means for students to learn how to document, reflect on, and communicate the global competencies - knowledge, skills, and attitudes of a globally minded citizen - acquired through their personal educational experiences.
HEAL 1000	Health 2: Lifestyle and Choices (40 hours) Students are introduced to a holistic concept of health and the components of a healthenhancing lifestyle. Participants are invited to reflect on their own experience of health while recognizing challenges and resources that can impact lifestyle choices. Students are also introduced to a model that is applied to understanding the multi-faceted aspects of health and healing.
HEAL 1010	Health and Healing: Concepts for Practice (70 hours) Developing a theoretical framework for practice, students are introduced to the philosophical values and theoretical understandings that provide a foundation for competent practice as a Health Care Assistant. This course focuses on concepts of caring and person-centered care, basic human needs, human growth and development; and family, culture and diversity as they relate to health and healing. Students are also introduced to a problem-solving model that will be critical to their practice.
HEAL 1050	Health 1: Interpersonal Communications (60 hours) This course focuses on the development of self-awareness, increased understanding of others and development of effective interpersonal communication skills that can be used in a variety of care-giving contexts. Students are encouraged to become more aware of the impact of their own communication choices and patterns. Participants develop and use communication techniques that demonstrate personal awareness, respect and active listening skills.
HEAL 1100	Health Care Assistant: Introduction to Practice (55 hours) This course provides an introduction to the role of the HCA within the British Columbia health care system. Students are introduced to the healthcare team and the roles and functions of the HCA within the team. Students also have opportunities to develop selfreflective skills required for competent practice.
HEAL 1150	Healing 3: Personal Care and Assistance (100 hours) This practical course offers students the opportunity to acquire personal care and assistance skills within the parameters of the Health Care Assistant role. The course is comprised of class and supervised laboratory experiences which enables students to integrate theory from other courses and develop caregiver skills that maintain and promote the comfort, safety and independence of individuals in community and facility contexts.
HEAL 1200	Healing 1: Caring for Individuals Experiencing Common Health Challenges (90 hours) This course introduces students to the normal structure and function of the human body and normal bodily changes with aging. Students explore common challenges to health and healing in relation to each body system. Students also examine person-centered practice as it relates to the common challenges to health and, in particular, to end of life care.
HEAL 1250	Practice Experience in Home Support and/or Assisted Living (60 hours) This practice course provides students with an opportunity to apply knowledge and skills 301



	from all other courses with individuals and families in a community setting. Students become more familiar with the role of the Health Care Assistant within a Home Support Agency, gaining abilities that will prepare graduates to assume the role of Community Health Worker.
HEAL 1300	Practice Experience in Multi-Level and/or Complex Care (210 hours) This supervised practice course provides students with an opportunity to apply knowledge and skills from all other courses in the program with individuals in a multilevel or complex care setting. A portion of this clinical experience will be devoted to working with individuals experiencing cognitive challenges. Students gain expertise and confidence with the role of the Health Care Assistant within a continuing care facility.
HEAL 1320	Psychosocial Rehabilitation Practice (70 hours) Students continue to build on the concept of recovery in mental health care, integrating the knowledge gained in the HEAL 1310: Psychosocial Rehabilitation (PSR) course through a practicum experience, related assignments and seminar sessions. The course consists of 30 hours seminar and 40 hours practicum.
HEAL 1350	Healing 2: Caring for Individuals Experiencing Cognitive or Mental Challenges (60 hours) Building on content from other courses, students explore concepts and caregiving approaches that will allow them to work effectively with individuals experiencing cognitive or mental challenges. Emphasis is on recognizing the behaviors and identifying person-centered intervention strategies.
HEAL 3330	Death and Dying, Life and Living (3,0,0) This course is an analysis of death, dying, and bereavement. It includes such topics as facing death, coping with dying, hospice care, bereavement, grief and mourning; funeral practices; lifespan perspectives on death; suicide; and assisted suicide, and euthanasia.
HIST 1030	An Introduction to Ancient Greece and Rome (2,1,0) In this course, students engage with the history of the Mediterranean world from classical Greece and Rome to the early Roman empire. Topics include the rise and decline of Hellenic civilization, early Rome and the Republic, the Augustan Age, and the foundations of imperial Rome.
HIST 1120	An Introduction to Canadian History (2,1,0) Students examine the development of Canada to 1867. An emphasis is placed on Aboriginal-European relations, the history of New France, military conflicts, the political and economic development of British North America, social and cultural history, and the project of Confederation.
HIST 1160	Europe: 1500 - 1789 (2,1,0) In this course participants learn to evaluate and understand the complex processes involved in the development of early modern Europe from 1500-1789. Topics include the Renaissance, the Reformation, Absolutism, the Enlightenment, and the outbreak of the French Revolution. Lectures and seminars introduce political, intellectual, cultural and social aspects of European society, and participants work with and discuss a variety of primary and secondary historical sources.
HIST 1220	History of Canada, 1867 to the Present (2,1,0) Students examine the political, social, military, and cultural history of Canada since 1867. Topic include state formation, relations with Britain and the United States, military engagements, social movements, regional and ethnic diversity, Aboriginal history, industrialization and urbanization, and French-English relations.
HIST 1260	Europe: 1789 - 1939 (2,1,0) In this course participants learn to evaluate and understand the complex forces involved in the development of the modern state. Topics include the French Revolution and Napoleonic Europe, the Congress of Vienna, the social and political struggles of the nineteenth and early twentieth century, and the fissures in European society during the interwar period. Lectures and seminars introduce the political, intellectual, cultural and social aspects of European society, and participants work with a variety of primary and secondary historical sources.

HIST 2020	<p>Native History of Canada</p> <p>Students explore the history of the Aboriginal peoples of what is now Canada. The course begins with pre-contact perspectives; however, emphasis is on the social, cultural, political, economic and military interactions between Aboriginal peoples and newcomers. Examples are drawn from all regions to reveal the breadth and variety of Aboriginal culture, history, and experience. Topics include Aboriginal involvement in the fur trade and later economic developments, the treaty-making process, and Aboriginal responses to government policy.</p>
HIST 3040	<p>The History of the Canadian Prairie West</p> <p>This course examines the history of the Canadian Prairie West from pre-Aboriginal European contact to the modern era. Topics include an examination of the First Nations' traditional economic and social life, and their adaptation to the arrival of Europeans and the fur trade; the rise of the Métis and their changed economic and living conditions as a result of Canadian government policies; Euro-Canadian immigration and settlement; the Great War and the rise of nativism; the economic depression of the 1930s, as well as World War II and the modern West. Students investigate the myths versus the realities of 'cowboys and Indians', the ranching frontier, women, and Mounties</p>
HIST 3050	<p>British Columbia</p> <p>This course explores the history of British Columbia from the beginnings of Aboriginal European contact through to the post-World War II era. It examines the social, economic, political, and cultural development of British Columbia, and situates the province within national and international context. Topics include Aboriginal-European relations, the fur trade, immigration, the resource economy, military engagements, social reform, gender issues, class relations, and political developments. Throughout the course, key debates in the historiography of British Columbia are emphasized.</p>
HIST 4050	<p>Topics in British Columbia History</p> <p>Students examine selected topics in the history of British Columbia. Topics may include race and racism, immigration, economic issues and development, social and cultural history, religion and society, postwar diversity and dissent, and/or political culture.</p>
HIST 4710	<p>Communism and the Environment</p> <p>This course will focus on the history and politics of communism and the environment. As such, it will explore environmental issues and policies in the Soviet Union, China and Cuba. Students will examine other related issues, such as the writings of Marx, Engels, Lenin, and others; ideology, political philosophy and the environment; and the role of communism and socialism in environmental movements, today. Students will also be asked to compare environmental practices in communist countries with those of capitalist countries.</p>
HLSC 2550	<p>Health Science 3: Introduction to Pathophysiology</p> <p>The major emphasis of this course is to gain a foundational knowledge of the concepts related to human pathophysiology. The course examines the presentation and pathogenesis of health challenges across the life span including genetics, nutrition, immunology, and environmental impacts on health. Topics are closely coordinated with the practice and nursing courses.</p>
HLSC 2650	<p>Health Science 4: Pathophysiology</p> <p>The major emphasis of this course is to build on concepts related to human pathophysiology introduced in Health Science 3 but with increasing complexity. This course examines the presentation and pathogenesis of health challenges across the life span including genetics, nutrition, immunology, and environmental impacts on health. Topics are closely coordinated with the practice and nursing courses.</p>
HLSC 2660	<p>Health Science: Pharmacology (3,0,0)</p> <p>The emphasis of this introductory course is to gain a foundational knowledge on the essential pharmacological principles and the major drug classifications. Consideration will be given to client education, pharmacognasy, adverse effects, and medication administration safety. The major concepts of this course will be examined across the lifespan.</p>
HLSC 3550	<p>Health Science 5: Advanced Pathophysiology</p> <p>This course builds on concepts introduced in Health Science 3 and 4 with an emphasis on multisystem or highly complex health challenges. The presentation and pathogenesis of health challenges across the lifespan are examined, including a major focus on immunology, and where applicable, genetics, nutrition, and environmental impacts on health. Topics are closely coordinated with practice and the health courses.</p>
HLSC 3690	<p>Human Sexuality for Health Professionals (3,0,0)</p> <p>Sexuality is an important aspect of human health. This course advances a health care professional's capacity to address issues of sexuality and sexual health with clients across the lifespan. Theories and research informing health professionals of sexual development, gender, sexual orientation, sexual practices, and sexual health are examined. Self awareness, along with the development of skills to address sexuality inclusion in professional practice, is central to course objectives.</p>
HLSC 3830	<p>Health and Healing: Global Health Perspectives (3,0,0)</p>

	<p>Participants develop an understanding of people's experience with health and healing related to a variety of increasingly complex chronic and episodic global health challenges and issues. Emphasis is placed on the role of the nurse as care provider, community organizer and facilitator, educator, and advocate within the context of the global society and the changing health care environment. Learners examine a variety of emerging health issues and trends using these as a context for further developing a personal understanding of nursing practice that supports meaningful interactions with individuals, families, groups, communities, and society.</p>
HLTH 5200	<p>The Canadian Healthcare System (3,0,0)  This course examines the structure and functioning of the Canadian healthcare system in the context of Canadian society, including challenges to the provision of quality care. Students will critically analyze the role of advanced practice in the healthcare system, using the concepts of principled leadership, politics, macroeconomics and the determinants of health as they apply at the local, provincial, territorial and national levels. Comparisons with healthcare systems in other countries will also be made. The emphasis will be on application of knowledge to practice contexts.</p>
HLTH 5300	<p>Leadership and Managing Change in Healthcare (3,0,0)  This course examines leadership and management theories in the context of healthcare delivery. Participants will develop leadership skills in advocating for clients and nurses to achieve optimal health outcomes and quality practice environments. Students will examine the literature on the development of strategic collaborative partnerships, build conflict management skills, develop strategies to communicate vision, policy and program directions, increase their ability to assess gaps and capacities in the design of programs, strategies, and policies, and demonstrate team building skills.</p>
HLTH 6000	<p>Research in Healthcare (3,0,0)  The focus of this course is the development of knowledge and skills to conduct research. Specific emphases are: theory and conduct of studies in various research traditions, appraisal of studies for scientific merit, interpretation and dissemination of research findings, research utilization and evidence based practice.</p>
HLTH 6300	<p>Aboriginal Health Leadership (3,0,0)  In this course leadership best practices for effective, culturally relevant Aboriginal people's healthcare are examined. Participants develop knowledge of Aboriginal peoples' history, traditional perspectives, health-wellness practices, and challenges inherent in the complex and interrelated socio-cultural, historical, and contextual determinants that influence health. Participants analyze Aboriginal and mainstream knowledge/practices and how each shapes service design and delivery. The importance of respectful relationships, partnership, and Aboriginal leadership in improving healthcare access and outcomes is explored. Course activities will strengthen participant abilities to draw on the literature and other information sources to inform program and policy development, knowledge translation, and evaluating program effectiveness as well as assist in preparing for a major paper or thesis in the area of Aboriginal peoples' health.</p>
HMG 2610	<p>Resort and Hotel Operations (3,0,0)  This course builds on concepts learned in Hotel Operations 1 and 2, and provides students with an introduction to the operation of resort properties. Course content includes a historical perspective of resort development, followed by planning, developing, managing and marketing issues that are unique to resorts operations. Students also use a hotel operational training simulation (HOTS), in a business simulation exercise, to integrate management concepts learned throughout Resort and Hotel Management courses.</p>
HMG 3000	<p>Resort Hospitality Operations and Performance**  This course provides students with professional and technical knowledge about the management of hospitality facilities, especially in the context of resorts. Emphasis is on the exploration of the complex factors that can influence the survival and development of hospitality enterprises. Students will evaluate issues of efficiency and effectiveness of diverse operating procedures in the delivery of the hospitality product to the consumer within the context of resorts. Topics covered include the need, and the resources required, for staging events such as banquets and conferences and the impact of the events sector on the hospitality field and on resort communities in particular.</p>

HMG 4800	<p>Resort Management Case Study (3,0,0)</p> <p>In this capstone course, students synthesize and apply theoretical and practical knowledge gained throughout their coursework in the Resort Experience concentration in the Bachelor of Tourism Management, toward problem-solving in the context of a hypothetical or real resort organization. Working in small groups, students take on the role of a research and consultancy team and produce a report advising how specific problems or issues may be resolved.</p>
HORT 1510	<p>Greenhouse Production (38 hours)</p> <p>Students learn about the basic structure of greenhouses, heating and ventilating systems, soil mixes, supplemental lighting, fertilization, chemical growth regulators and irrigation systems.</p>
HORT 1520	<p>Diseases and Insect Pests (38 hours)</p> <p>The course deals with insect structure and development, important insect orders, causal agents of plant diseases and disorders, and various control measures.</p>
HORT 1540	<p>Soil Science (38 hours)</p> <p>The topics covered in this course include components of soil, texture, porosity, conductivity, cation-exchange capacity, salinity, soil organisms, mineral nutrients and soil amendments.</p>
HORT 1610	<p>Nursery Production and Retailing (26 hours)</p> <p>Nursery production is an important aspect of the horticulture industry in British Columbia, with a significant volume of landscape plants exported to the rest of Canada. Topics to be covered include site selection, management of field and containerized stock, plant propagation, fertilization, soil mixes and irrigation. Additional topics include the retailing of nursery stock and horticultural products in a garden centre.</p>
HORT 1620	<p>Fruit and Vegetable Production (26 hours)</p> <p>The topics of fruit production examined in this course include site selection, rootstocks, pollination, pruning, and the use of chemical growth regulators. Areas covered in vegetable production include seed germination, growing transplants, cultivation, fertilization, irrigation and the cultural requirements of selected important vegetables.</p>
HORT 1630	<p>Landscaping (26 hours)</p> <p>Landscaping is an important and integral part of the urban environment. Students explore the principles of landscape design, developing a landscape plan, hard landscaping, landscape installation and landscape maintenance.</p>
HORT 1700	<p>Horticulture Practical 1 (595 hours)</p> <p>Practical sessions are an integral part of the program and are designed to give students hands-on experience in developing required skills. The following are the major topic areas followed by the apportioned class hours: Plant Studies (30), Insect Studies (13), Soil Studies (10), Weed Studies (8), Indoor Plant Identification (14), Landscape Plant Identification (30), Plant Propagation (39), Greenhouse Crop Production (33), Greenhouse Practices (59), Grounds Maintenance (71), Landscape Design (45), Landscape Installation (71), Pruning (15), Basic Carpentry (25), Small Engines (25), Pesticide Dispensers and Applicator's Course (18).</p>
HORT 1800	<p>Horticulture Practical 2 (595 hours)</p> <p>In this second term continuation, students resume their study of the topics listed in HORT 1700.</p>
HORT 2500	<p>Horticulture Technician Foundation (900 hours)</p> <p>This course will provide the foundation knowledge required to become a "Landscape Horticulturist". They select, handle and utilize trees, shrubs and ornamental plants and turf grass for the design, development and maintenance of public and private landscaping spaces. They also prepare soil, plants, cultivate, prune and irrigate to maintain plant vigor. Furthermore they control plant pests utilizing appropriate integrated pest management techniques.</p> <p>The program is intended to serve as a common core towards years one and two of Production Horticulturist, Landscape Horticulturist and Arboresculturist (when developed) and enable graduates to follow three possible career paths:</p>

	<p>1. Entry into industry as skilled worker</p> <p>2. Academic credits towards second year of 2-year diploma program</p> <p>3. Entry into level three of Horticulture (Production &amp; Landscape) Apprenticeship Program</p>
HRMN 2820	<p>Human Resource Management (3,0,0)</p> <p>Students are introduced to the management of an organization's workforce through the design and implementation of effective human resource policies and procedures. Current Canadian issues and practices are emphasized. The topics include the strategic role of human resources management; human resources planning; job analysis and design; recruitment and selection; employment equity; compensation; training and development; performance appraisal; occupational health and safety; and employee and industrial relations.</p>
HRMN 3820	<p>Human Resources (3,0,0)</p> <p>Students are introduced to the management of an organization's workforce through the design and implementation of effective human resource policies and procedures. Current Canadian issues and practices are emphasized. The topics include the strategic role of human resources management; human resources planning; job analysis and design; recruitment and selection; employment equity; compensation; training and development; performance appraisal; occupational health and safety; and employee and industrial relations.</p>
HUMS 1300	<p>Introduction to Mental Health (3,0,0)</p> <p>This course is an excellent introduction to the field of mental health care for those working in the field of human services. Topics include community mental health issues for children, youth, and adults, and the philosophy and values which direct care. Students reflect on person-centred practice, facilitative communication, behaviour management, non-violent crises intervention, the mental health system, and evidence based practice. Students also have an opportunity to examine practice issues such as cultural competence, the ethics of care, and service delivery models. An overview of various disorders is presented, while mental health is examined through a best-practices approach that encompasses grounded theory, new developments in the field, problem solving, and current research.</p>
HUMS 1540	<p>Interpersonal Communications and Helping Relationships (3,0,0)</p> <p>Self-awareness is foundational to the development of competent human service workers. For this purpose, topics furthering self-knowledge and facilitating the development of self-reflection skills are the focus of this course. Topics include the values and ethics of helping, relationship building, interpersonal and intercultural communication, interpersonal conflict, and team work.</p>
HUMS 1660	<p>Health Care Principles (3,0,0)</p> <p>This course overviews the theory and application of preventive health care planning and personal care principles. Areas of study include body mechanics, basic anatomy and physiology of body systems, nutrition, recognition of illness, referral procedures to health care services and issues related to basic pharmacology. Ethical and legal concepts of human service work in relation to health care practice will be discussed.</p>
HUMS 2060	<p>An Introduction to Social Service Practice (3,0,0)</p> <p>The purpose of this course is to introduce students to social service work and practice through an exploration of the history, philosophical foundation, and theoretical perspectives of the profession of social service. This exploration includes a review of the relevant codes of ethics and practice standards that guide practitioners. This course provides an overview of the roles in which social service workers become involved, for example, as advocates, policy analysts, administrators, activists, educators, counsellors, facilitators, mediators, organizers and researchers. Social service workers are committed to working for social justice, therefore the course examines the social structures that influence people's lives and how various sources and forms of oppression and marginalization impact the lives of people in Canadian society.</p>
HUMS 2120	<p>Introduction to Social Welfare in Canada (3,0,0)</p> <p>Students examine the history and development of human services and social welfare policy in Canada, and British Columbia in particular. Topics include poverty, with particular reference to women and First Nations people, as well as major political ideologies and their impact on social policy. Students explore the structure of government and the development of a social security system in Canada, and one model</p>

	for policy analysis is introduced.
HUMS 1770	Introduction to First Nations Studies and Human Service Practicum Students examine the historical and continuing process of colonization in Canada, and the resulting societal, political, linguistic, spiritual, and cultural impacts that are challenging First Nations people today. The development of cultural understanding and the beginning of culturally competent practice occur in this course. Additional topics include self-government, cultural healing and empowerment, and human service practice in First Nations communities
IBUS 3510	International Business Students examine globalization and the steps managers take to establish or expand operations in international markets. They explore the influence of forces such as culture, economics, politics, and geography on management decision making. Topics include globalization; national differences in political economy; political economy and economic development; differences in culture; ethics in international business; international trade theory; the political economy of international trade; foreign direct investment; regional economic integration; the foreign exchange market; international business strategy; organization of international business; entry strategy and strategic alliances; global production, outsourcing and logistics; global marketing and research and development.
JOUR 3230	Beat Reporting (3,0,0)(L) Working in the context of the program's newspapers, students explore and experiment with a number of different specialized types of writing, editing and reporting. A variety of beats are covered, such as politics, arts and culture, business and economics, justice and sports. The exact nature of course material varies with student interest and the availability of instruction.
JOUR 3700	Media Law and Ethics (3,0,0) This course provides an overview of the legal and ethical situations and circumstances that commonly confront journalists and other media professionals. Topics include libel, contempt of court, freedom of information, privacy legislation, copyright, confidentiality, protection of sources, and the use of 'off-the-record' remarks.
JOUR 4250	Beat Reporting: Justice (2,2,0) Crime reporting is like ancient Greek tragedy: it brings together the hot issues that continue to fascinate humanity about justice, fairness, depraved schemes, random victimization, and the means society uses to deal with the problem of deviance and criminal behaviour. This course will examine crime writing in theory and practice as a modern version of Greek tragedy and a pillar of mainstream writing.. It will look at how culture and style affect crime stories and examine theories of criminal behaviour. Students will both analyze crime reporting and do their own writing in this genre. This course will examine the writing of modern crime journalists to help understand different methods of researching and structuring stories about crime and justice in the context of modern culture and society. Students will learn how to write stories involving police, the court system, the prison system, felons and victims, and grapple with the limitations of crime writing, according to taste, different types of publications, and the law. Part of the course will involve attending local court cases and doing deadline writing.
LAWF 3700	Public Lands and Natural Resources Law This course will provide an opportunity for students to consider in detail the protection, exploitation, and management of Crown-owned lands and renewable and nonrenewable natural resources (other than oil and gas, and including forestry, range land, minerals, wildlife, fisheries, wilderness, recreational, and heritage). Students discuss the nature of public ownership, public and private values, economic approaches, and interjurisdictional management.
LAWF 3450	International Trade Law Students analyze the public law framework for international trade, with an emphasis on the World Trade Organization and North American Free Trade Agreement. Topics include national treatment; most-favoured nation treatment; anti-dumping and countervail actions; and dispute resolution.
LAWF 3650	Unjust Enrichment Students assess unjust enrichment as an independent source of legal obligation. Topics include elements of the right of action and defenses; restitution as the remedy, with particular emphasis on personal versus proprietary restitution; and disgorgement of wrongful gain, distinguished from restitution using breach of fiduciary obligation as the primary example.
LAWF 3660	Health Law Students evaluate the regulation, structure, and financing of the health care system. Topics include licensing and regulation of health care professionals (including medical malpractice claims as a form of regulation); regulation of biomedical research; approval processes for drugs, complementary therapies,

	and medical devices; resource allocation and access to health care; market considerations; privatization and deregulation of health care; and consent and confidentiality.
LAWF 3680	Immigration and Refugee Law Students explore the basic principles, policies, and procedures governing immigration and refugee law. Topics include refugee law and status; selection and admission of immigrants; inadmissible and 16 non-removable classes; exceptions and the minister's permits; and appeals and judicial review in the Federal Court including Charter issues.
LAWF 3730	Human Rights Law This course is a survey of national and provincial human rights laws and practice as distinct from the Charter of Rights and Freedoms, and an introduction to the main international and transnational human rights instruments and standards.
LAWF 3780	Selected Topics: Bioethics Students focus on a variety of subject areas, either doctrinal or theoretical.
LAWF 3820	Family Law This course is an analysis of the legal principles affecting the rights and responsibilities of the members of the family. Topics include constitutional issues, marriage, marriage contracts, common law marriage, child neglect and abuse, custody and access, guardianship, adoption, separation, divorce, nullity, spousal and child maintenance, and matrimonial property. Emphasis is placed on the process of family law and the appropriate role for lawyers and judges.
LAWF 3890	Aboriginal Law Students explore the law governing the relationship between indigenous peoples and settler society. Topics include recognition of Aboriginal laws and custom; self-determination and other applicable principles of international law; self-government; common law recognition of Aboriginal title; treaties; the fiduciary duty of the Crown; constitutional entrenchment of Aboriginal and treaty rights; application of provincial laws; the Indian Act; land surrenders; and exemptions from seizure and taxation.
LAWF 3910	Civil Procedure This course is a detailed examination of issues which arise in the progress of a civil action from first meeting the client through to judgment in the Supreme Court of British Columbia. The British Columbia Rules of Court are set in the context of the values underlying them. What sort of civil litigation system do we want? What sort of system do we in fact have? Particular attention is paid to the linkages between the apparently discrete components of the process as set out in the Rules, linkages at the levels of both the underlying values and the actual practice. The use of procedures under the Rules to anticipate and resolve evidence problems that might arise at trial is emphasized. Interprovincial and international aspects of the civil litigation process are also considered.
LAWF 3930	Ethical Lawyering This course is an introduction to issues of legal ethics and professional responsibility. Students become competent at ethical reasoning in the context of legal practice. To achieve this goal, the course covers selected topics in the 'law of lawyering' (for example, the Law Society of British Columbia's Code of Professional Conduct), but also addresses the general question of what it means to be an ethical lawyer. Students are expected to develop their awareness of the various moral values underlying the legal system, and to practice how to weigh and apply those values, and the law of lawyering, to ethical problems. Selected topics relating to the regulation of lawyers' ethics are also addressed.
NAST 0500	Introduction to First Nations Studies No Course Description Available
NAST 0600	An Overview of Major Issues in First Nations Studies No Course Description Available
NRSC 2000	Introduction to the Study of Soils Students investigate the physical, chemical, and biological properties of soils. Topics include soil formation, classification, use, and conservation. Students focus on forest soils for this course.
NRSC 4130	Fire Ecology and Management Students develop a solid understanding of the importance of fire to ecosystems, communities, species, and human society. The first part of the course is devoted to understanding fire and how it interacts with the abiotic and biotic environment. Next, the focus shifts to the importance of fire from a historical, social, and political context. Students explore the theory, principles, tools, and organization of fire management, particularly as it applies to British Columbia and other regions of Canada. The main goal of this course is to increase awareness of the role of fire in ecosystems.
NURS 1730	Health and Healing 1: Living Health This course is an introduction to the meaning of health, including personal health, family health, community health, and societal health. Participants examine significant theoretical and conceptual frameworks of health including health promotion, primary health care, prevention and determinants of health. By reflecting on personal experiences, participants have the opportunity to identify personal resources and challenges that impact health as well as recognize the diversity of beliefs, values and perceptions of health held by others. Opportunities to learn basic health assessment skills are included.
NURS 1830	Health and Healing 2: Health Indicators

	<p>Building on NURS 1730: Health and Healing 1, this course focuses on individual, family and community health assessment. Participants have opportunities to explore and critique various theoretical and conceptual frameworks in relation to health assessment, including early childhood development, family development, healthy aging and community development. The concept of assessment within the context of decision making is explored. Opportunities to learn basic health assessment skills are included in this course.</p>
NURS 3500	<p>Health 4: Health Promotion and Community Empowerment This course focuses on community as client from a health promotion perspective. The underlying principles of health promotion, including the social determinants of health, participation, capacity, and empowerment, are emphasized. Community development as a pattern of community health promotion practice is explored.</p>
NURS 4300	<p>Health and Professional Growth: Nurses Influencing Change This course explores the avenues for nurses to provide leadership, influence, create and manage change for the promotion of health for individuals, families, groups and communities within the context of society and the world. Emphasis is placed on the leadership roles of the nurse within practice contexts. The role of the nurse within the current and evolving Canadian health care system is analyzed, including considerations of the impact of global trends and issues, and issues facing nurses in the current work environment. Collaborative and ethical approaches for working within institutional philosophies and frameworks are explored.</p>
OAHR 3100	<p>Business and Human Relations (31 hours)</p> <p>Students learn to develop the skills and techniques necessary to promote good business and human relations required in today's modern office environment.</p>
OAHR 3200	<p>Applied Human Relations (36 hours)</p> <p>Students build on the foundation skills introduced in OAHR 3100: Business &amp; Human Relations, which is offered in the Fall semester. Students learn how to apply various skills and strategies to effectively resolve difficult problems, conflict, and confrontation in the workplace, and promote stress management. Students also develop a personal plan for attitude renewal.</p>
OEED 4150	<p>Outdoor and Experiential Education Concepts (3,0,0)</p> <p>This course is a study of outdoor and experiential education concepts, and develops a common foundation of outdoor and experiential education understanding. Students explore outdoor and experiential instructional techniques and how learners form their personal identity, values, beliefs, feelings, and attitudes. Course content includes outdoor experiential education definitions, goals, fields of study, history, theory, and future trends.</p>
OEED 4200	<p>Outdoor and Experiential Education Program Development, Design and Delivery</p> <p>In this course, students explore the elements of outdoor and experiential education program development, design and delivery. The course focus is on the creation of experiential learning opportunities in the outdoor environment and the facilitator's role in program delivery.</p>
OEED 4450	<p>Environmental Interpretation and Natural History</p> <p>This course provides a base of knowledge about the natural history of Western Canada and its interpretation. Course experiences expose students to the natural communities within British Columbia with the intent of, as Aldo Leopold suggests, allowing us to see that the land is a community to which we</p>



	belong and more than just a commodity or nice backdrop. Emphasis is placed upon the creation of experiential interpretive interactions.
OEED 4480	<p>Wilderness Travel and Navigation</p> <p>In this course, students explore the theoretical and practical aspects of wilderness travel and navigation. Theoretical topics include appropriate clothing and equipment, navigation, environmental considerations, travel techniques, route plans, and trip planning. The course includes a backpack trip that focuses on navigation, route selection, group management, and pacing, minimum impact camping and hazard awareness</p>
OEED 4490	<p>Winter Backcountry Travel (60 hours)</p> <p>In this course, students explore the theoretical and practical aspects of winter backcountry travel. Theoretical topics include appropriate clothing and equipment, navigation, environmental considerations, travel techniques, route plans, and trip planning. The course includes a winter snowshoe and skiing trip that focuses on winter camping skills, winter travel skills, navigation, route selection, group management, pacing, minimum impact camping, and hazard awareness.</p>
OEED 4500	<p>Flat Water Canoe Tripping (60 hours)</p> <p>In this course, students explore the theoretical and practical aspects of flatwater canoe tripping. The course includes the CRCA (Canadian Recreational Canoeing Association) Flatwater Instructor certification. Theoretical topics include appropriate canoe clothing and equipment, navigation, environmental considerations, flatwater travel techniques, route plans, and trip planning. The course includes a flatwater canoe trip that focuses on canoeing skills, travel skills, navigation, route selection, group management, minimum impact camping and hazard awareness.</p>
OEED 4510	<p>Top-Rope Rock Climbing Management (60 hours)</p> <p>The intent of this course is to develop safe managers of top rope rock climbing sites aimed at school and custodial group leaders: a high level of climbing ability and lead climbing is not required. Topics include rock climbing clothing and equipment, environmental considerations, top rope rock climbing technique, belayed rappels, top rope rock climbing site selection, group management, hazard awareness, terrain, and safety guidelines.</p>
ORGB 2810	<p>Organizational Behaviour (3,0,0)</p> <p>Students examine the behavior of individuals and how they interact with each other in different workplace organizations. Topics include defining organizational behavior; perception, personality and emotions; values, attitudes and their effects in the workplace; motivating self and others; working in teams; communication, conflict and negotiation; power and politics; leadership; decision making, creativity and ethics; and</p>

	organizational culture and change.
ORGB 3770	<p>Teamwork in Organizations (3,0,0)</p> <p>Students develop an understanding of the nature, design and processes of effective teamwork as well as a practical skill set for team membership. Topics include the importance of teams; assessing a team's experience and insights; building a balanced team; building a high performance team; becoming a team member, follower, and leader; team building; team evaluation and accountability; observing team leadership skills at work; identifying and overcoming team dysfunctions; motivating team members and leaders; and developing intercultural teams.</p>
PHED 1000	<p>Biomechanics: The Analysis of Performance in Individual Sports</p> <p>This course is an examination of the role of analysis in developing effective biomechanically correct individual sport performance. Skill analysis, error detection, error correction, and the application of sport science principles are included with an introduction to the appreciation of movement patterns in sport.</p>
PHED 1120	<p>Outdoor Activities</p> <p>Students are introduced to a variety of outdoor pursuits like cross country skiing, kayaking, hiking, survival and snowshoeing. Due to the varying levels of risk associated with outdoor activities, participants are required to sign the Department of Physical Educations' informed consent.</p>
PHED 1160	<p>Soccer</p> <p>This course focuses on instructional and coaching techniques associated with soccer. The development of fundamental individual and team skills are an integral part of the course. Offensive and defensive skills and strategies are central to the course. Each student is provided an opportunity to learn how to instruct/coach other students in the skills as well as learn the specific skills related to soccer.</p>
PHED 1230	<p>Conditioning</p> <p>Students are instructed in the basic principles for health and skill-related fitness. The course provides a basic understanding of the physiological basis for conditioning programs applicable to competitive sport. A discussion of fitness assessment is also a focus in this course</p>
PHED 2000	<p>The Analysis of Performance of Team Games, Activities and Sports from Pedagogical and Coaching Perspectives</p> <p>This course includes an examination and introduction of the structure, analysis and instruction of team activities, games and performance. Selected team sports are used as models of analysis. Topics include the study of the common elements in team sports, pedagogical theories on instruction of games, and an examination of analysis methods and procedures.</p>
PHED 2100	<p>An Introduction to the Study of Sport</p> <p>This course examines the nature and development of sport through an analysis of historical, academic and popular literature.</p>
PHED 2130	<p>Sport in Canadian Society</p> <p>This course offers a historical and theoretical analysis of sport in Canadian Society. Students develop an awareness of the role played by physical education and sport in society, and examine the societal changes that influence sport development.</p>
PHED 2140	<p>Psychology of Sport and Physical Activity</p> <p>Students discuss psychological theories and research related to sport and health-related physical activity. Topics include socialization for participation, motivation, stress, psychological limits, aggression, competition and co-operation, audience effects, leadership, role of the coach and group cohesion, ethical behaviours, motivation, and aspirations.</p>
PHED 2150	<p>Exercise Physiology</p> <p>Students are introduced to the basic components of physiology as they apply to health, fitness and exercise. An examination of the acute and chronic effects of physical activity on the functions of the human body (metabolic, cardiovascular, respiratory, muscular) through lecture and laboratory experiences is emphasized.</p>
PHED 2210	<p>The Dynamics of Motor Skill Acquisition</p> <p>This course provides an introduction to the examination of motor skill acquisition and the variables which influence the learning and performance of motor skills. Theoretical models on motor learning are introduced and discussed from a pedagogical perspective.</p>
PHED 3000	Service and Learning Project

	This course provides Physical Education Teacher Candidates with an orientation to physical education in elementary schools, and an opportunity to link on-campus instruction with teaching experiences in the school setting.
PHED 3450	Contemporary Issues in Health and Physical Activity This course helps identify and address contemporary lifestyles, associated behaviours, and major health concerns in present-day society. Techniques and strategies used to make positive lifestyle changes are studied and discussed in addition to the responsibility of the consumer.
PHED 3650	Coaching Pre-Adolescent Students This course provides practical and theoretical experience in dealing with pre-adolescent students in the school sports setting. The course incorporates 1 hour per week of classroom teaching with 2 hours per week of practical coaching in elementary schools, or similar sport settings.
PHED 3660	Advanced Movement Education Students explore human movement from a broad range of perspectives. Educational gymnastics, dance, movement, and games are analyzed from a multi-disciplinary approach with regard to instruction to school-aged children
PHED 3840	Physical Growth & Motor Development Students examine the physical growth and motor development throughout the lifespan, with particular reference to the effects of physical activity on growth, development and health. Developmental differences in motor ability are studied.
PHED 4350	Fitness Assessment and Exercise Prescription The emphasis of this course is on exercise prescription and testing, for the healthy adult population and for special populations or persons with a disability. Students' laboratory work is focused primarily on the exercise testing aspect of the course.
PHIL 1100	Introduction to Philosophy: Problem and Themes (3,0,0)  This course is a general introduction to philosophy. Questions that are typically discussed include: What is morality? Is there a God? Is there life after death? What can we know and how can we know it? What is the nature of reality? Is there free will? Are there fundamental rights? What constitutes a 'good life'? What is the nature of society? What form of government should we have? What is the relation of the mind to the body? What is art? Is censorship a good idea? Readings are taken from classic and/or modern texts.
PHIL 2010	Introduction to Ethics (3,0,0)  Ethics is the philosophical examination of 'the good life', or the kind of life that is most worth living. It is also the study of the values by which we live, and the values of others. Students explore questions of right and wrong (morality), consider the place of morality in life as a whole, and whether life has meaning. In particular, students discuss the nature and origin of morality, and to what extent being moral is necessary to living a good life.
PNUR 1700	Variations in Health 1 (3,0,0)  This introductory course provides the learner with the foundations of disease and illness across the lifespan. Learners will gain an understanding of pathophysiological alterations of body systems. Nursing management of disease and illness across the lifespan with an emphasis on interventions and treatment is also discussed. Cultural diversity in healing

	practices will be explored as well as the incorporation of evidenced informed practice.
PNUR 2420	<p>Professional Practice 3 (2,0,0)</p> <p>This course integrates the concepts from previous professional practice courses and introduces the learner to practice in the community (maternal/child and mental health).</p> <p>The role of the practical nurse as leader is emphasized in interactions with clients, families, groups and other healthcare providers.</p>
PHIL 2210	<p>Contemporary Moral Issues</p> <p>Students examine contemporary moral issues, such as abortion; euthanasia; capital punishment; environmental ethics; business ethics; pornography and censorship; treatment of the mentally ill; patients' rights; and the ethics of warfare. Classical theories of ethics are examined and applied to contemporary problems.</p>
PHIL 2310	<p>Health Care Ethics</p> <p>This course examines the ethical role of the health care provider within the Canadian health care system. Students critically assess a selection of ethically problematic situations that routinely challenge health care providers. The topical issues considered in this course include the relationship among health care providers; care of the elderly; genetic counselling; resource allocation; care of those diagnosed mentally ill; and the ethics of transplantation. These issues are taken up in light of our exploration of moral theory, common ethical principles, and methodologies arising from interdisciplinary bioethics.</p>
PHIL 4300	<p>Philosophy of Law</p> <p>This course includes various topics in law from the basic 'What is law?' to specific issues in law, such as 'What are rights?' Of primary importance to the philosophy of law are the relations between legal rules and the rules of ethics and custom; the difference between law and mere coercion; the social and ethical foundation of law and legitimacy; the limits of law and the state; citizens' rights against the state and one another; and the norms of our legal system.</p>
PHIL 4330	<p>Biomedical Ethics</p> <p>Students investigate various ethical issues related to the health sciences, especially in medicine, and consider these issues concretely and in relation to general ethical theory. The topics discussed in this course include abortion, death and euthanasia, genetic engineering, behavior modification, treatment of the insane, right to treatment, experimentation on human beings and animals, and the relationship between professionals and their patients, subjects or clients. A background in philosophy is not required.</p>
PHIL 4350	<p>Environmental Ethics**</p> <p>This course offers a study of moral issues arising in the context of human relationships to nature and to non-human living things. Principal topics include the issue of what constitutes moral standing, animal rights, obligations to future generations, the moral dimensions of problems of pollution, the extraction, production and use of hazardous materials, the depletion of natural resources, and the treatment of non-living things.</p>
PHIL 4920	<p>Special Topics in Ethics</p> <p>This course is an in-depth critical investigation of a particular ethical issue (such as abortion, capital punishment, or war), a particular ethical school (such as Deontology, Virtue Ethics, Utilitarianism) or a particular ethicist (such as Sedgwick, J.S. Mill, Feinberg). Topics may change from year to year.</p>
POLI 1110	<p>The Government and Politics of Canada</p> <p>Students are introduced to the main processes, structures and institutions of Canadian politics and government, including the Constitution, social cleavages, the Prime Minister and cabinet, parliament, political parties and ideologies, federalism and the structure of power</p>
POLI 1210	<p>Contemporary Ideologies (3,0,0)</p> <p>This course provides an examination of the major systems of political ideas which have shaped the modern world, including liberalism, conservatism, socialism, communism, anarchism, fascism and nationalism. Students analyze these ideologies from the perspective of their historical and philosophical antecedents, contemporary relevance, and place in the Canadian political experience.</p>
POLI 2220	<p>Political Philosophy (3,0,0)</p>

	<p>Students examine important themes of the western political tradition through an analysis of selected political philosophers, such as Plato, More, Machiavelli, Locke, Rousseau and Marx. The encounter with these theorists initiates discussion of such concepts as authority, justice, freedom, equality and political participation.</p>
POLI 2230	<p>Canadian Government 2: Public Administration and Public Policy Students focus on the structure of government and the output side of the political system. Topics include the analysis of the structure of government in Canada, the executive, the evolution of policy-making structures and styles, the contemporary policy-making process, and the Canadian bureaucracy.</p>
POLI 2250	<p>Law and Politics (3,0,0)</p> <p>This course offers an introduction to law, politics and the judiciary, with particular emphasis on the role of the judiciary in relation to selected issues in political science.</p> <p>The principal focus in this course is on the Canadian legal system, and comparison to other legal systems.</p>
POLI 2600	<p>International Politics This course is an analysis of the relations between states. Topics discussed in this course may include the evolution of international systems, East-West and North-South issues, the techniques of wielding international influence (through diplomacy, propaganda, foreign aid, subversion, and war), and the sources and nature of international conflict and cooperation.</p>
POLI 3100	<p>Local Government in Canada This course is an introduction to local government in Canada and the contemporary issues facing municipalities. The themes discussed in this course include local government powers and responsibilities, community planning, fiscal and investment issues, and elections and community participation.</p>
POLI 3420	<p>Modern Political Theory: Analysis of a Selected Theorist (3,0,0)</p> <p>This course offers a detailed examination of an acknowledged masterpiece of modern political theory. The text and attendant literature selection varies from year to year.</p>
POLI 3440	<p>Social and Political Thought (3,0,0)</p> <p>Students examine major concepts in political philosophy such as justice, equality, rights, obligation, and liberty in the context of both classical and contemporary political thought.</p>
POLI 3650	<p>Government and Business (3,1,0)</p> <p>Students analyze government intervention in the face of mergers, bigness, and monopoly power, and consider possible government intervention in the face of unacceptable firm behavior.</p>
POLI 3990	<p>Globalization and Its Discontents: The Politics of Economic Change (3,0,0)</p> <p>This course examines three economic institutions that are central to understanding the processes referred to as "globalization": the World Bank, the International Monetary Fund, and the World Trade Organization. The course develops a framework of the key concepts in discussions of globalization before exploring the political origins and current</p>

	social consequences of these organizations and examining related issues of global governance, corporate accountability, and global justice.
POLI 3520	Politics of Developing Nations Students examine the problems of economic development, social change and democratization in the Developing World from a political perspective. The themes discussed in this course include colonialism, decolonization, relations between developed - developing nations, and political theories of development.
PSYC 500	Psychology (4,1,0)  An introductory psychology course at the ABE Advanced level, with an emphasis on active learning, critical thinking, and student involvement in all major topical areas of psychology. This course may be used as credit toward the Adult Graduation Diploma.
PSYC 1110	Introduction to Psychology 1 (3,0,0)  Students explore selected topics in contemporary psychology, including the history of psychology, methodology, heredity and learning, physiology and neuropsychology, consciousness, sensation and perception, learning, and memory.
PSYC 1210	Introduction to Psychology 2 (3,0,0)  Students explore selected topics in contemporary psychology, including intelligence, development, personality, social psychology, emotion, motivation, and psychopathology.
PSYC 2040	Introduction to Biological Psychology (3,0,0)  Students consider the relationship between psychological and biological processes. The anatomy of the brain and neural activity as well as the endocrine system is examined as it relates to the sensory and motor abilities, learning and memory, language, motivation, states of consciousness and sexual behaviour. Research methods of studying the brain are also discussed.
PSYC 2220	Introduction to Social Psychology (2,1,0)  Students examine the effects of social environment on human behaviour, attitudes, and personality. Specifically, the topics considered include theories and methods of social psychology, social perceptions, affiliation, attraction and love, aggression and violence, prejudice and discrimination, cooperation and altruism, attitude change, group behaviours, and conformity and social influence.
PSYC 3080	Social Psychology (3,0,0)(3,0,0)  Students discuss theory and research in the areas of individual social behaviour; social motivation; social attitudes; group interaction; socialization; racial prejudice; and other related topics.

PSYC 3140	<p>Health Psychology (3,0,0)</p> <p>This course offers a critical survey of the basic research findings and theory on the relation between psychological factors (including behaviour, emotion, cognitive, personality, and interpersonal relationships) and health. Topics include health-related behaviours such as smoking and drug use, the effects of stressful events on health, methods of coping with stress, the impact of chronic illness on the family, and social support systems.</p>
PSYC 3250	<p>Community Psychology</p> <p>This is a survey course designed to introduce students to various topics in community psychology. Topics include research methods and social change and intervention strategies within various community settings, such as the legal and justice system, the health care system, the mental health care system, and the educational system.</p>
SOCI 1110	<p>Introduction to Sociology 1</p> <p>Students are introduced to the core concepts of the discipline of sociology by examining key concepts (such as culture, socialization, social interaction, social roles, and educational issues) that allow us to locate ourselves within society. Students also explore theoretical perspectives within sociology and the fundamentals of research methods, including how sociologists gather information about society.</p>
SOCI 1210	<p>Introduction to Sociology 2</p> <p>In this second half of Introduction to Sociology, students are introduced to such topics as crime and deviance, social control, large scale organizations, principal institutions such as religion, politics, and economy. Students also critically examine the impact of social structure, such as race and ethnicity, social stratification, and gender relations, on individual's lives</p>
SOCI 2100	<p>Canadian Social Issues</p> <p>This course offers a descriptive and analytic survey of features in Canadian society as a basis for understanding current social issues. These features include demographic characteristics, class structure, ethnicity, and regional variation</p>
SOCI 2170	<p>The Sociology of Popular Culture (2,1,0)</p> <p>Students are introduced to the sociological implications of popular culture, and focus on issues central to the presentation, consumption, and construction of current social life.</p> <p>Popular culture affects everyone; however, everyone does not participate in it equally.</p> <p>Thus both the unequal consumption of popular culture, and the representations (and justifications) of inequality between groups in Western society as presented in popular culture is studied in the course.</p>
SOCI 2260	<p>Medical Sociology</p> <p>Students focus on the social factors which influence help seeking and illness behaviour, as well as the nature and organization of Canada's health care system. The main purpose of this course is to illustrate that health and illness are not entirely individual phenomena, but that the cause, distribution, and consequences of injury and illness are at least partly the product of social, economic, and political factors. Topics include policy and delivery of health care; interaction between health care providers and patients; occupational health and safety; environment, work and illness; health care and the elderly; and inequality and health care.</p>
SOCI 4200	<p>Complex Organizations (2,1,0)</p> <p>Students explore the history of the formation of complex organizations during the industrial and political revolutions of modernity, including their initial bureaucratic arrangement, and their newer, more flexible and dynamic forms due to technological</p>

	<p>change and globalization. A critical sociological perspective on organizational analysis is discussed, including how to recognize the different 'species' of organizations, and how they touch virtually all aspects of modern life. This perspective allows students to appreciate the relationships between modern complex organizations and individuals, and how organizations interact with the larger institutions of society and the world.</p>
SOCI 4600	<p><b>Globalization</b> Students examine the origins, nature, and impact of globalization in the modern world. Links between nations, regions, and peoples are increasing at an unprecedented rate. New technologies make possible previously unimaginable forms of interdependence, but the consequences of these changes are not uniform. The impacts vary from region to region. Students explore how people from different nations may view globalization, and consider how groups work to ensure that globalization contributes to desirable outcomes in local contexts.</p>
SOCW 3100	<p><b>Aboriginal Life Cycles</b> This course utilizes seven interconnected circles to represent the life cycles of creation, birth and childhood, youth, women, men, elders, and Spirit World. Students examine stages of development and learning through these life cycles, in social and cultural contexts. This course seeks to create understanding and knowledge of Indigenous people through differing ways of knowing, being, seeing, and doing.</p>
SOCW 3110	<p><b>Aboriginal Perspectives on Social Policy</b> Students inquire into the process of decolonization as it relates to social policy, and explore and analyze historical Canadian policies and legislation and their implications for Aboriginal people today. Students critique and analyze the efficacy of existing policies, and create a framework to interpret and develop effective policies for Aboriginal peoples.</p>
SOCW 3330	<p><b>International Field Studies</b> This course offers a two-week international study experience in a selected country. Students explore the political, economic, cultural, and social conditions of their selected country, including globalization and its effects on citizens, social welfare policy and practice, community development strategies, and the marginalization and oppression of groups. Activities involve presentations and seminars by international leaders, professionals, and residents, as well as visits to a range of community sites and organizations.</p>
SOCW 3540	<p><b>First Nation Issues and Human Services</b> Students critically examine the historical process of colonization in Canada, the resulting barriers embedded in policy and practice, and alternative ways of viewing the social psychological position of First Nations people in Canadian society. Contemporary issues and the movement toward self-determination are discussed in relation to social work theory and practice. Students must maintain a grade of C or better to successfully complete the course.</p>
SOCW 3550	<p><b>Human Development</b> The objectives of this course are to introduce students to concepts and models of how human behaviour is acquired, maintained, and modified, and to promote an understanding of normal human development as a knowledge base for practice with individuals, families, and groups in a rural context.</p>
SOCW 3570	<p><b>Social Work, Law, and Social Policy</b> This course provides a basic introduction to legal issues and an examination of the social impact of legislation and policy. Students develop a beginning knowledge base in areas of law that are particularly relevant to social work practice.</p>
SOCW 3750	<p><b>Cultural Immersion (3,0,0)</b></p> <p>This course provides an opportunity to experience First Nations culture and traditions from a holistic perspective. Students are immersed in cultural activities, ceremonies, and teachings to deepen their knowledge and appreciation of First Nations culture.</p>
SOCW 4000	<p><b>Policy in the Human Services</b> Students are provided with an introduction to the main organizational structures of, and stages in, the social policy making process in Canada. The course aims to strengthen students' skills in the analysis of policies and programs in Canadian human services; to critically reflect on different ideologies and theories through which the welfare state has been examined in various countries; and to develop an appreciation of the interdisciplinary nature of social policy as a field of academic and applied activity.</p>
SOCW 4040	<p><b>Ethical Practice in Aboriginal Communities</b> Students focus specifically on ethical considerations and decision making when working in Aboriginal communities. The course examines codes of ethics in the social work profession, Aboriginal codes of</p>



	ethics, and mainstream theoretical aspects of ethical practices. Students are also provided an opportunity to engage in an exploration of integrated, personal, and ethical practices that are culturally based through validation and revitalization of Aboriginal codes of ethics.
SOCW 4520	<p>Educating for Social Change</p> <p>Students focus on the use of education as a strategy for individual and social change through the concept of education as the practice of freedom, and as a process of social transformation through conscientization. Principles and practices of adult education are examined for their application in social work as vehicles for empowerment and change. Students present workshops, plays, or web programs to develop the specific skills and knowledge for planning and delivering educational programs. Students further explore feminist, Aboriginal, and anti-oppression perspectives.</p>
SOCW 4540	<p>Aboriginal Decolonizing Social Work Practice</p> <p>Students examine social workers' roles and responsibilities in working with diverse Aboriginal peoples such as First Nations, Inuit, Metis, and on and off reserve peoples. The concept and process of decolonization is introduced and connected to contemporary stories, community social work program initiatives, and practices of Aboriginal peoples. This course utilizes a gendered Aboriginal perspective and explores strategies for reconciliation, building relationships between Aboriginal and non-Aboriginal peoples, and practices within the social work profession.</p>
SOSC 600	<p>Introduction to Social Sciences (6,0,0)</p> <p>This course provides an overview of the following disciplines of social science:</p> <p>Anthropology, Psychology, Political Science, Sociology and History.</p>
SPRT 2050	<p>Sport and Adventure Management (3,0,0)</p> <p>This course is an overview of sport management. Content includes socio-cultural aspects of sport, sport ethics, management and leadership in sport, sport development, trends in sport participation, the volunteer sector, legislation, sport philosophy, lifestyle and traditional sports, adventure sports, recreation and leisure, competition, and careers in sport.</p>
SPRT 3200	<p>Contemporary Sport and Society (3,0,0)</p> <p>This course studies the role of sport in modern society. Taking a global approach, topics include contemporary issues that will vary from year to year depending upon current local and international trends. Subject matter includes such topics as how society views sport, controversial issues in sport, implications of technology on sport, cultural and social impacts of sport, the future of sport, etc.</p>
SPRT 4350	<p>Adventure Competitions and Team Development (3,0,0)</p> <p>This course focuses on the recent phenomenon of competitions in adventure sport.</p> <p>Topics include evolution of adventure competitions, individual and team competitions, issues and trends in competitive adventure sports, the role of large-scale and international competitions, and adventure competitions versus traditional sport competitions.</p>
SPRT 4400	<p>Sport Tourism (3,0,0)</p> <p>This course studies the interrelationship of sport and tourism. It examines the</p>

	<p>characteristics of sport tourism, sport tourism sectors, the economics of sport tourism, bidding on sporting events, finance models and impacts, socio-cultural impacts of sport tourism, strategies to gain competitive advantage, techniques to offer quality experiences, and the means with which tourism can best capitalize on its relationship with sport.</p>
SPRT 4746	<p>Recreation and Sport Facility Management (3,0,0)</p> <p>This course is an overview of recreation and sport facility management. Content includes types of sport facilities, management and operations issues, financing, planning and design, legal responsibilities, risk management, security planning, trends, staffing organization and supervision, and managerial functions.</p>
SPRT 4900	<p>Personal and Professional Development in Sports and Adventure Studies</p> <p>This capstone course investigates contemporary adventure and sport issues with a look to preparing students as future leaders in business and community development. Topics for discussion include ongoing personal and professional development, navigating through current industry trends, graduate school expectations, and vocational issues. Through readings and class discussions, students will formulate a personal written philosophy articulating their vision and mission as professionals in the field of adventure and sport.</p>
STSS 1060	<p>Intercultural Perspectives (1,0,0)</p> <p>Students develop the intercultural capacity essential for engagement with the increasingly diverse communities within TRU and beyond. Through a number of interactive self-assessments, students evaluate their own personalities before building an understanding of different communication and learning models from a variety of cultures.</p>
TMGT 1140	<p>Human Resources Management (3,0,0)</p> <p>Changing values, shifting demographics, evolving legislation and a growing emphasis on social responsibility are among the forces shaping the way we manage people today. In this course, students examine human resource management issues as they relate to human resource planning, the legal environment, recruitment and selection, evaluation and development, compensation, and emerging issues and trends in the tourism industry.</p>
TMGT 1150	<p>Marketing and Customer Service</p> <p>This course discusses the role, concepts and principles of marketing. It examines market research and</p>

	planning, product pricing and costing, packaging, promotion, service as a primary product, advertising methods, target marketing, factors in consumer preference and assessment of guest satisfaction.
TMGT 2010	Financial Operations Control in Tourism This course offers students an understanding of how they can use managerial accounting skills in their careers in the tourism industry. Students use accounting information for decision making, planning and control in the areas of marketing, operations, human resources, strategic investment, business performance evaluation, and budgeting.
TMGT 2060	People, Places and the Toured Landscape This course provides students with a historical, geographical and cultural context for understanding tourism. Attention is given to the way tourism practices have unfolded over time in various regions of the world, and the way in which visual representation and written narrative shapes the tourism landscape. Global and local themes affecting the tourism product and experience are discussed.
TMGT 2080	Culinary Tourism Students are introduced to the concepts and research associated with culinary tourism from an academic and industry perspective. Using global case studies, students review current trends, theories, culinary tourism products and profiles of culinary tourists.
TMGT 2090	Wellness Tourism Tourism supports a process of self-regeneration for the traveler. This course focuses on the development, management and marketing of wellness tourism as a global phenomenon. The concept of wellness implies a holistic understanding of the traveler's body, mind and spirit and the creation of a balance in the different areas of one's life. In this course students examine the history, origins and scope of wellness tourism and the products and services being developed to address this expanding sector of the tourism industry.
TMGT 2250	Hospitality Law In this course, students are introduced to the legal rights, responsibilities and obligations of organizations in the hospitality industry. This industry operates under a combination of Common Law and Statute Law passed by both federal and provincial legislature. Emphasis is placed on the legal problems regularly faced by business firms within this industry and their possible solutions.
TMGT 2500	Field Trip Activity Fee (Year 2 Tourism Management Diploma) Required for all second year students of the Tourism Management Diploma Program. The opportunity to better understand the concepts discussed in the classroom by exposure to their application in industry.
TMGT 2590	Entrepreneurship This course is designed to introduce students to entrepreneurship. Students examine the role and nature of entrepreneurship as a mechanism for creating new ventures along with career opportunities, and some methods for individual self-assessment. Additional topics include generating ideas for a business venture, opportunity analysis, locating and mobilizing resources, and developing a business plan.
TMGT 2980	*** Special Topics in Tourism The content in this course varies depending on the interests of faculty and students. Credits for the course are determined as per Policy ED-8-0.
TMGT 3000	Practicum in Tourism (0,1,8P) This 3-credit course is designed to provide students with a meaningful opportunity to relate current theory from classroom to a practical Canadian work experience context, under the direction of professionals in extended work assignments.
TMGT 3020	Tourism Policy and Planning Students are introduced to policy and planning theories and their application to tourism. The relationship between tourism, public policy, planning, and development is also examined.
TMGT 3030	Financial Management for Tourism** This course examines the principles of financial management as they apply to firms in tourism and hospitality sectors. Topics covered include financial statement analysis; budgeting; time value-of-money; profit planning and decision-making; cost-volume-profit analysis; and capital budgeting. Special topics in hospitality and tourism include management contracts; franchising; revenue management; and Real Estate Investment Trusts (REITS).
TMGT 3050	Research in Tourism Students engage in the process of conducting and evaluating research in the field of tourism.
TMGT 3980	***Special Topics in Tourism Course content varies depending on the interests of faculty and students.
TMGT 4010	Experience Creation and Product Development This course deals with the concept of experiences as products and the overall development of new products/services in the tourism field. Students will explore the foundations and theories of an "experience-driven" enterprise or economy from both the consumer (tourist) and producer (firm or destination) perspective. Emphasis is placed on undertaking new tourism product inventories to ensure the provision of engaging experiences and vivid memories for guests.

TMGT 4020	<p>Graduating Seminar Students conduct research and create a professional presentation of a major project with a direct application to the tourism industry.</p>
TMGT 4050	<p>Event Tourism This course examines the emerging field of event tourism and identifies market opportunities and trends. Students explore the important role events play in destination marketing and development as catalysts, animators, image makers and tourist attractions. The impact of events on destinations from a economic, cultural and social perspective is also a focus of the course.</p>
TMGT 4060	<p>***Selected Topics in Tourism Students are introduced to various issues and events that influence the travel and tourism industry. Course topics vary to ensure a timely coverage of issues and trends.</p>
TMGT 4070	<p>Directed Studies in Tourism In this independent study course students investigate a specific field or topic in tourism. Consultation with, and permission of, a Bachelor of Tourism Management faculty member and the Dean is required.</p>
TMGT 4080	<p>Reflecting Philosophically on Tourism Students are required to reflect on their tourism knowledge and practice in a deep theoretical and philosophical manner, and examine their own positions and values as future professionals in the tourism field. Drawing largely on classic and contemporary writings in philosophy and social theory outside the tourism canon, students cultivate an understanding of the unquestioned and presumed ideologies that lie behind some of today's most problematic tourism practices. Students are exposed to theoretical and philosophical positions that present an alternative way forward.</p>
TMGT 4090	<p>The Culture of Events This course will chronicle significant events in world history from organizational, communications, and cultural studies perspectives. The goal of the course is to familiarize students with the development of the event-planning phenomenon from pre-modern, through modern, and post-modern innovations.</p>
TMGT 4100	<p>The Social Side of Tourism Travel is intertwined with issues of personal identity and growth, cultural beliefs and values, power, and social change. Students explore these issues, and more, in the search for a deeper understanding of the phenomenon of tourism and its consequences for individuals and societies.</p>
TMGT 4110	<p>Innovation and Leadership in Tourism Students are introduced to theories, definitions and categorizations of innovation, including the precondition of commercial value production as a tourism business concept. The roles of leadership and organizational culture in innovation are also examined, including styles, techniques, personality profiles, and examples or cases from applications in tourism and other modern enterprises.</p>
TMGT 4170	<p>Information Technology and Tourism** Students examine the relationship between information technology (IT) and tourism from both a consumer and organizational perspective. Specifically, the course encourages students to critically evaluate current and emerging developments in IT and their impact on tourism consumers and suppliers. Students also develop an understanding of how IT can be used to facilitate and promote innovation and support the overall strategic objectives of a firm.</p>
VISA 1000	<p>Art Worlds (3,0,0)  Students are introduced to visual art and its practices across cultures. Emphasis is placed on the development of visual literacy through the consideration of art works, concepts and practices in different cultures. Students study the visual elements, media, art history and methods used to create and interpret various forms of visual art.  Students learn how to appreciate, analyze, evaluate and contextualize a broad range of art works through presentations, readings and written assignments.</p>
VISA 1500	<p>Introduction to Visual Culture (HTA) (3,0,0)  This course is an interdisciplinary investigation of culture through the study of our visual environment. Students beginning with historical foundations of contemporary Western ways of seeing and the development of a critical framework for understanding and</p>

	deconstructing images. Students then proceed to an investigation of various forms of visual communication such as television, film, video, the Internet, billboards, graffiti, new technologies, and other image-making sources. This is a lecture class: no drawing skills are required.
VISA 3040	<p>Gallery Studies: Public Art (2,1,0)</p> <p>In this course students will study the function of art created for public spaces as well as the collecting of art in public institutions. In considering the role of art created for public spaces this study will combine a historic overview with an examination of works commissioned by recent and contemporary artists. Similarly, the study of collections held by such organizations as the Canada Council and public galleries in Canada will be contextualized within an understanding of the historical development of museum and gallery collections. These studies will also include such topics as: policy development; cataloguing collections; application and jurying processes for public commissions, and working with scaled plans.</p>
WKSK 0220	<p>Workskills 2 (450 hours)</p> <p>Workskills 2 builds on skills and abilities acquired and demonstrated by students in Workskills 1. Students are introduced to essential entry level skills in selected employment areas (as available). Students strive to improve work strengths and develop marketable skills, focusing on occupational/vocational interests and aptitudes with the clear goal of becoming employable and semi, or fully independent.</p>
WTTP 2720	<p>Advanced Coagulation and Particle Removal</p> <p>This course is a continuation of Water Treatment 2 in which coagulation in general terms is introduced. This course takes an in-depth look at coagulation and particle removal. Topics discussed include: the advanced principles of coagulation; emerging technologies; jar testing; and clarification methods and equipment. The course aims to provide operators with information that will improve their ability to assess conditions in the water treatment plant and make decisions to ensure the smooth operation of their treatment process.</p>
<b>TOTAL</b>	<b>420 courses</b>

## Courses That Include Sustainability ('Open Learning')

APEC 1631	<p>Assessment and Assessment Appeal Procedures</p> <p>Students are introduced to property markets and property assessment, with an emphasis on property assessments and assessment appeals in Canada under the authority of the First Nation Fiscal and Statistical Management Act (FSMA) or s. 83 of the Indian Act. Topics include land tenure, approaches to assessing residential or income earning properties, assessment rolls, and assessment appeal processes, which meet the FSMA regulatory requirements. Upon completion of this course, participants should have</p>
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	the knowledge and skills to fulfill the First Nation Tax Administrator's role in regard to managing the assessment and assessment appeals process.
ASTR 1141	<p><b>Introductory Astronomy: The Solar System</b></p> <p>This is a general interest introductory course on the history of astronomy and the solar system, and is intended for non-science majors. Topics Include: Telescopes and observing the night sky, ancient astronomy, space exploration, the Earth/Moon system, formation and evolution of the solar system, the planets, and minor members of the solar system.</p>
BBUS 3661	<p><b>Strategic Human Resource Management</b></p> <p>This competency-based, paced course provides students with the understanding, knowledge, and skills to make strategic human resource management decisions. The course emphasizes practical activities, ranging from assessment of the global economic environment and organizational culture to the analysis of competencies and the implementation of human resource decisions. Students carry out a detailed strategic analysis of a human resource management issue in their organizations, and, in doing so learn how to effectively manage human resources in a way that contributes to improved performance, productivity, and morale.</p>
BBUS 3671	<p><b>Contemporary Leadership</b></p> <p>This course is part of Thompson Rivers University - Open Learning Division (TRU-OL) Management degree program. This course provides learners with essential knowledge, skills and competencies to apply leadership concepts to all aspects of their work. This course helps learners explore and develop their own leadership style. It is a three-credit, competency-based course that challenges the learner to examine the relationship between leadership and management, explore what makes a good leader, and develop his or her own leadership style. Attention is also given to analyzing leadership stories, identifying relationships and connections, and examining the level of alignment between organizational values and personal values.</p>
BBUS 4759	<p>This course (ADMN 470 - UVIC) Contemporary Topics in Administration.</p> <p>Critical Perspectives on Public and Community Leadership examines a range of contemporary critical perspectives on the significant role of public sector and community-based leadership including gender-based, indigenous, multi-cultural, dispute-resolution focused, street-level, activist and other forms. This course uses multi-media narrative formats including film analysis, biography/ autobiography in addition to engaging with formal academic leadership theory to scrutinize otherwise diverse and unconnected understandings and lessons from leadership practice from these alternative domains in an effort to more rigorously critique dominant populist notions of leadership and the role of leadership in society.</p>
BBUS 4629	<p><b>Intergovernmental Relations in Canada</b></p> <p>This course (UVIC ADMN 462) examines the nature of relations among federal, provincial, and municipal governments, and the impact of those relations on public policy. Includes discussion of topics such as the modalities of fiscal federalism and the concepts of executive federalism and intergovernmental governance.</p>
BBUS 4833	<p><b>Effective Leadership</b></p> <p>This competency-based, paced course provides students with the opportunity to develop a repertoire of leadership skills for diverse organizational and community contexts. Working through the course, students increase their awareness of the interaction between self, systems, and organizational context. Students explore how leaders take action to make a positive difference and investigate various approaches to leadership within a variety of contexts. By the end of the course students are expected to articulate their vision of how to lead in diverse situations. Students are required to apply theoretical concepts to workplace, community, or volunteer experiences</p>
BIOL 0501	<p><b>General Biology (Grade 11)</b></p> <p>This course is equivalent to Biology 11. The general aims of this course are to give a basic understanding of biological processes and to introduce a number of fundamental biological terms. To begin, students review the scientific method, microscope use, and basic cell biology. They then consider the evolution of biological diversity. As they explore the diversity of life, students progress from microbes to plants and animals, learning from observation in labs and neighbourhood field trips as well as from the excellent textbook and online resources. Finally they apply their biology skills to ecology.</p>
BIOL 1213	<p><b>Principles of Biology II</b></p> <p>This course is designed for biology or science majors. It is a survey course of the kingdoms of life emphasizing their ecology and evolutionary relationships.</p>
BIOL 3021	<b>Community and Ecosystem Ecology</b>

	<p>This course introduces the fundamental principles of the science of ecology and gives a basic understanding of ecosystems and communities. Major topics discussed include the historical development of ecology as a science, physiological ecology, nutrient cycling, ecosystem theory, community energetics, aquatic ecosystems, processes that organize communities, the biogeoclimatic zones of BC, and biogeochemical cycles. Human ecology and emerging insights into managing ecosystems are also discussed.</p>
BIOL 4141	<p>This course examines central concepts in the contemporary theory of evolution. Learning units focus on variation, descent, natural selection, adaptation, speciation, and extinction on both micro- and macro- evolutionary scales. Special emphasis is placed on the presentation of changes in evolutionary thinking and on the discussion of how the current theory of evolution developed from the time of the Greek philosophers to the time of the modern synthesis. This historical approach addresses the manner in which scientific theories are first proposed and then continuously modified to accommodate new findings. Students' major projects consist of independent research into some of the current controversies surrounding evolutionary theory, including the origins of living systems; species, their origins and extinctions; adaptation and its constraints; systematics; and evolutionary ethics.</p>
BUSN 5041	<p><b>Global Economics</b>  This course provides students with a coherent theoretical framework within which the performance of an economy can be analyzed. Topics include overview of macroeconomics; measurement of income, prices and unemployment; national income determination; money, banks and central bank; the IS-LM model; financial market and economic instability; government budget, debt, and limitations of fiscal policy; international trade, exchange rate and macroeconomic policy; aggregate demand and aggregate supply; inflation; stabilization policies and the theory of economic growth.</p>
BUSN6011	<p><b>Business Ethics and Corporate Social Responsibility</b></p> <p>Students become more effective decision makers by examining the meaning and role of ethics in the business environment, and the social responsibility of business organizations. Topics include the relationship between business and society; identifying stakeholders and issues; the theoretical basis of business ethics; business ethics in management and leadership; the concept of corporate social responsibility; corporate social responsibility in practice; regulating business; ownership and governance of the corporation; environmental and business responsibilities; globalization and business responsibilities; and ethics, responsibilities, and strategy.</p>
BUSN 6051	<p><b>Supply Chain Management</b>  This course provides students with the knowledge and basic skills required to effectively manage and design a supply chain. Topics include introduction to supply chain, importance of information technology, supply chain slacks, demand management, supply management, inventory management, production management, transportation management, location analysis, sourcing decisions, supply chain strategy and overview of special types of supply chains such as green and humanitarian aid supply chains.</p>
BUSN 6031	<p><b>International Business</b>  This course is designed to introduce the basic concepts of international business and competition from a manager's perspective. Topics include country differences in political economy, the cultural environment, ethics in international business, international trade theories, the political economy of international trade, foreign direct investment, regional economic integration, the foreign exchange market, the global monetary system, global strategy, global marketing and R&amp;D, and global human resource management.</p>
CHEM 2123	<p><b>Organic Chemistry I</b></p> <p>Students review the basic principles of chemical bonding as they apply to organic molecules and are introduced to the concepts of functional groups, nomenclature, stereochemistry, and reaction mechanisms. The systematic chemistry of alkanes, alkenes, alkynes, alkyl halides, alcohols, and ethers are discussed, in addition to the theory and use of spectroscopy in identifying organic compounds. Students are expected to apply their knowledge to problem-solve, deduce structures, and synthesize simple organic molecules using the studied reactions. The relationships between organic chemistry and other disciplines are noted.</p>
CHEM2223	<p><b>Organic Chemistry II</b>  Students continue their study of organic chemistry by discussing aromatic compounds, aldehydes and ketones, carboxylic acids and their derivatives, and organic nitrogen compounds. Synthesis using carbanion and enolate ion methods are emphasized. Students also explore the chemistry of various organic compounds found in biological systems: carbohydrates, amino acids, proteins and peptides, and nucleic acids. Working through this course, students are expected to apply their knowledge to problem-solve, deduce structures, and synthesize simple organic molecules using the studied reactions. Relationships between organic chemistry and other disciplines are noted.</p>
CONV 1011	<p><b>Introduction to Tourism</b>  Students are introduced to the tourism industry. Consideration is given to the concepts and vocabulary common throughout the tourism sectors. Students critically examine the</p>

	competition for resources with other industries.
CONV 1021	<p>Introduction to Special Events</p> <p>Management Students are introduced to the planning and management of special events and festivals. The highly interdisciplinary course addresses the systems, tools and checklists necessary for successful festival and event planners.</p>
CONV 1031	<p>Celebrating Community and Culture</p> <p>The course is designed to explore how communities and cultures within these communities can be attracted to and successfully included in special events. Consideration is given to cross cultural issues and challenges of creating "authentic" experiences while respecting the local environment and traditions of the people who live there.</p>
CRIM 2251	<p>Sociological Explanations of Criminal Behaviour</p> <p>This course will critically examine the sociological, socio-cultural, and socio-psychological explanations of criminal behaviours such as the ecological theories, conflict theories, control theories, and symbolic interactionist theories. Some of the specific theories subjected to critical examination will be those concerned with class and group conflict, subcultures, so association, labelling and gender.</p>
CYCA 1029	<p>Introduction to Professional Child and Youth Care Practice, Part II This course (UVIC CYC 100B)</p> <p>invites students into historical and contemporary conversations about the professional field of child and youth care and its diverse practices and contexts continue. Child and youth care practice values and perspectives (strength-based practice, inclusiveness, caring in context, normative development and critical reflection) will also be considered. Emphasis will be given to socially locating oneself, building relationships, processes of change, enhancing ethical discernment, promoting cultural competencies and a commitment to social justice, cultivating a professional orientation and understanding theory in everyday practice.</p>
ECON 1221	<p>Introduction to Basic Economics</p> <p>Students develop a basic understanding of economic principles in order to discuss issues at the level covered by the media. The course topics include an introduction to microeconomics; the importance of government; an introduction to macroeconomics; macro policies and trade; industrial organization and products costs; and market structures, including perfect and imperfect competition.</p>
ECON 1901	<p>Principles of Microeconomics</p> <p>This course, which is paired with ECON 1951 (previously ECON 201), demonstrates the basic principles of economics and, at the same time, provides practice in applying economic analysis to current Canadian problems. Microeconomics focuses on individual economic units—consumers and business organizations. It examines how purchase decisions by consumers and production decisions by producers determine prices and quantities sold. Similarly, it shows how decisions by employers and workers interact to determine wages and employment. These principles are applied to a wide variety of economic issues and problems, including price and rent controls, exchange rates and international trade, energy pricing, collective bargaining, poverty, and income inequality.</p>
ECON 1951	<p>Principles of Macroeconomics</p> <p>Students examine how the economy behaves at the aggregate level and how national income is measured and determined. Topics include an overview of macroeconomics; measuring gross domestic product, inflation and unemployment; demand including the multiplier process; supply, business cycles, long-term growth; money, banking and monetary policy; inflation; interest rates; stagflation; deficits and fiscal policy; exchange rates and balance of payments; exchange rate policy; purchasing power and interest rate parity.</p>
ECON 2631	<p>Issues in Aboriginal Economics</p> <p>This course is designed to provide an overview of Canada. Typical issues covered are: (1) the economic rationale for implementing Aboriginal rights and title; (2) the economic feasibility of a third order of government for Aboriginal peoples; (3) the economic reasons for the income differences between First Nations and non-First Nations; and (4) market failures and successes within First Nations. This course will benefit students interested in Aboriginal issues, working with First Nations, and international trade or business ventures where Aboriginal interests may be involved.</p>
ECON 3041	<p>Managerial Economics</p> <p>Students focus on the application of economic models and rationale choice to business decision making. Topics include an overview of managerial economics; demand and supply; costs of production and the organization of the</p>



	firm; market structure and pricing and output decisions; game theory and pricing strategies; and the economics of information and the role of government in the marketplace.
EDFN 4201	<p><b>Aboriginal Teaching and Learning</b></p> <p>Students are given an overview of the history of Aboriginal Education in British Columbia and Canada. The course focuses on effective teaching and learning practices for Aboriginal students including developing relationships with parents and extended family members. Teacher candidates examine how to enrich the regular school curriculum by adding Aboriginal content and including the cultural background of their Aboriginal students. The class format is presentation and discussion based on articles and videos provided by faculty, presentations from other Aboriginal educators, community members, and teacher candidates. Virtual field experiences could include visits to local band-operated schools, Aboriginal museums, residential schools and/or Aboriginal Friendship Centres.</p>
EDIE 4151	<p><b>Inclusive Education – Specific Learning Disabilities</b></p> <p>Students are introduced to specific learning disabilities (LD). They gain a historical perspective on learning disabilities and an overview of relevant theoretical frameworks and models of learning disabilities. Students are introduced to current legislation in British Columbia and its relationship to the school district, school, and classroom levels. Two key topics are (a) screening and in-class assessment, and (b) intervention strategies within the general education classroom.</p>
EDUC 5021	<p><b>Philosophy and History of Education</b></p> <p>What education is, what purposes it should serve, and how it should be structured is closely entwined with ideas of what a society is and how it functions. This course provides an introduction to key educational philosophers and considers their impact on the history of education.</p>
EDUC 5041	<p><b>Diversity: Constructing Social Realities</b></p> <p>Students investigate fundamental questions about the relationship between education and society. Inequalities based on class, gender, race, and sexual orientation and how they are socially constructed in contemporary society are considered, in addition to how they operate in educational environments. Students identify the effects of identity constructs such as race, class, gender, and sexual orientation on the educational experiences of students and how these constructs shape student access, achievement, and attainment. Students are challenged with the following questions: How do schools reproduce, reinforce, and challenge social inequalities? How do educational materials embrace inclusive approaches within the broader contexts of multiculturalism, globalization and cosmopolitanism? How can educators promote inclusive education that values diversity and equity?</p>
GEOL 2051	<p><b>Geologic Time</b></p> <p>This Geology course studies the geologic history of the earth. Concepts covered include: measurement of geologic time, stratigraphic principles, radiometric decay, and elementary paleontology. The laboratory portion covers methods utilized in geological mapping and fossil identification. This course is a natural continuation of a first semester Geology course that includes a laboratory.</p>
GEOG 2221	<p><b>Regional Geography of Canada</b></p> <p>This course examines the physical, human and economic geography of Canada in a regional context. It focuses on the many interconnections and relationships between the different regions, between different areas in the regions, and between cities and the rural areas in each region. It also explores the distribution patterns of people, cultural groups, and economic activities to illustrate how the regions are part of larger interconnected systems (e.g. Canada, North America, or the Pacific Rim). The course is designed to promote an understanding of the similarities and differences between different areas across Canada and to develop students' skills in recognizing and analyzing the salient geographical features of those regions and the country as a whole.</p>
GEOL 1011	<p><b>Introduction to Geoscience</b></p> <p>This is a non-lab course that studies the nature of the Earth and its development through time. It examines the Earth's origins and composition, in addition to volcanoes, earthquakes, and development of the landscape over time by such processes as weathering, mass wasting, rivers, glaciers, wind and waves.</p>
GEOL 2391	<p><b>Environmental Geology</b></p> <p>This course provides an examination of geological processes and material as they interact with human activities, environmental planning and management.</p>
GEOL 1111	<p><b>Introduction to Earth Science</b></p> <p>This is a lab course that studies the nature of the Earth and its development through time. It examines the Earth's origins and composition, in addition to volcanoes, earthquakes, and development of the landscape over time by such processes as weathering, mass wasting, rivers, glaciers, wind and waves. The lab component of the course has a focus on identification and understanding of minerals and rocks, and on the interpretation of geological features from topographic maps.</p>
HART 4879	<b>Heritage Resource Management</b>

	<p>This course provides an intensive examination of the ways in which staff and volunteers are managed in cultural organizations, with particular emphasis on museum and heritage agencies, and stresses integrated, planned approaches to human resource development. Topics include: organizational dynamics; leadership and decision making; board/staff relations; policy development; position descriptions; recruitment; performance planning; communications; legal considerations; and ethics and professionalism.</p>
HART 4929	<p><b>Building Community Relationships</b>  This course examines the strong, sustained and mutually beneficial relationships with communities are critical to museums, heritage agencies and cultural organizations that seek relevant, positive and socially responsible roles in society. This course explores the complex factors that are reshaping relationships with communities and addresses methods of defining community characteristics and needs; potential community roles and relationships with cultural organizations; and strategies for creating and maintaining relationships with diverse groups.</p>
HART 4909	<p><b>Managing Cultural Organizations</b>  This course is an intensive study of the application of management theory and practice in cultural organizations, with particular emphasis on: characteristics of non-profit cultural organizations; governance and leadership; establishing mission goals and objectives; roles of executive and artistic directors; policy development and implementation; personnel management and team building; financial management; strategic and operational planning; information management; public relations; marketing; volunteer development; and ethical and legal issues.</p>
HLTH 1153	<p><b>Health 2: Lifestyle and Choice</b></p> <p>Students are introduced to a holistic concept of health and the components of a health-enhancing lifestyle. Participants are invited to reflect on their own experience of health while recognizing challenges and resources that can impact lifestyle choices. Students are also introduced to a model that is applied to understanding the multi-faceted aspects of health and healing.</p>
HLTH 4001	<p><b>Social Determinants of Health</b></p> <p>This course provides an opportunity for participants to develop or strengthen their understanding of social determinants of health using local, regional, national and international perspectives. Participants will critically examine social inequities and the health consequences in diverse populations.</p>
HLTH 4021	<p><b>Health Policy</b>  This seminar style online course will introduce you to concepts, elements, policy analysis processes and outcomes of public policy making in general and health policy making in particular. You will use foundational knowledge on public policy analysis and apply this knowledge to Canadian health policy issues. As a health care professional, you will be able to use your knowledge of health policy and determine how this knowledge of policy analysis might apply in your health care workplace. This course will not only help you develop your critical thinking, literature search, and critiquing skills but also help you develop knowledge of Canada's evolving health care system in response to economic, cultural, technological, political, ideological, and globalization factors and forces. More specifically, the course will help you experience the whole public policy process as you apply the foundational knowledge on public policy making to a current major health policy issue in your province or territory. You will also get the opportunity to participate in a simulated policy community as you apply your policy analysis knowledge to a major current health care policy issue in Canada.</p>
HUMS 1771	<p><b>Introduction to First Nations Studies and Human Service Practice</b></p> <p>This course will introduce students to the historical process of colonization in Canada, and the resulting societal, political, linguistic, spiritual and cultural impacts that are challenging First Nations people today. Attention will be paid to understanding the past and working with the present and future within the context of self-government, healing and empowerment. A focus will include an introduction to the knowledge, skills and attitudes towards the development of culture and competence and decolonization practice in the Human Service field.</p>
IBUS 3511	<p><b>International Business</b>  This course examines world trade and the processes that business managers go through in order to establish or expand operations into international markets. Students learn the terminology of international business, and examine the influence of forces such as culture, economics, politics, and geography on business and markets. Students are also introduced to international organizations including the World Bank, the International Development Association, the World Trade Organization, the International Monetary Fund, and develop a Canadian perspective on international business and trade issues.</p>

MKGT 3471	<p><b>Consumer Behaviour**</b></p> <p>This course introduces students to the influence that consumer behaviour has on marketing activities. Students will apply theoretical concepts to marketing strategies and decision making. Topics include consumer and marketing segments, environmental influences, individual determinants, decision processes, and information research and evaluation.</p>
MNGT 1711	<p><b>Introduction to Business</b></p> <p>Students are introduced to basic management principles and the functional areas of business. Topics include the business environment; important business trends; forms of business ownership and the importance of entrepreneurship; different business functions including marketing, accounting, finance, human resources, and information systems; and the functions of management including planning, organizing, leadership, and control.</p>
ORGB 4871	<p><b>Organizational Development and Change</b></p> <p>Students learn to become agents for change thereby improving human resource and organizational effectiveness and productivity. In today's business environment, a human resource practitioner must be a skilled change manager. Topics include processes of change; perspective of self and others; creating a climate for change; facilitating change transition; gaining commitment and sustaining momentum; and the institutionalization of change and beyond.</p>
PADM 3129	<p><b>Managing in Public and Non-Profit Organizations</b></p> <p>An examination of the skills of an effective manager in public and non-profit sector organizations and the interplay between management and key organizational processes such as planning, organizing, implementing and evaluating policies, programs and services. Management topics include: managerial work, interpersonal and leadership skills, power and influence, conflict resolution, formal and informal communications, motivation and teamwork. A project on managing organizational change is used as a way to connect manager behaviours and organizational processes.</p>
PADM 4229	<p><b>Ethical Public Management</b></p> <p>An exploration of value and ethical dilemmas which confront public and quasi-public sector officials in the workplace. Focuses on process dilemmas related to political neutrality, confidentiality, privacy, fairness and accountability, as well as issues related to good, just and legitimate public policy. Students will have an opportunity to develop their own moral reasoning skills and apply them in case studies.</p>
PHED 1439	<p><b>Multidisciplinary Foundations of Physical Activity</b></p> <p>This course looks at the relationship of physical activity to education, kinesiology, athletics, health, recreation and leisure. The contributions made by the sciences of physiology, motor learning and biomechanics are discussed. Students gain an understanding of the historical, philosophical and psycho-sociological foundations of physical education and discuss a wide range of contemporary issues as they affect physical activity and active living.</p>
SOCI 1111	<p><b>Introduction to Sociology I</b></p> <p>Together with SOCI 1211: Introduction to Sociology II, this course introduces students to the discipline of sociology. Because humans are social by nature, all of us are members of various social groupings and located within a social system; we can only achieve an adequate understanding of ourselves after we have acquired the tools to understand that social system. Students learn to understand our social system and how it shapes and influences us all as individuals. Students discuss basic concepts of the sociological perspective, understand the importance of the transformation of Western society, examine the concepts developed to describe capitalist society, and explore the sociology of Canada.</p>
SOCI 1211	<p><b>Introduction to Sociology II</b></p> <p>Together with SOCI 1111: Introduction to Sociology I, this course introduces students to Sociology, by means of a systematic analysis of the character of modern Western capitalist society, and building on the concepts and perspectives introduced in SOCI 1111. Students examine issues such as liberal ideology, inequality, the role of the state, socialization for work, the role of the family, and problems of deviance.</p>
SOCI 4301	<p><b>Family Life in Contemporary Canada</b></p> <p>Students examine the many facets of contemporary family life in Canada, beginning historically and looking cross-culturally within the nation. Sociological concepts, theories, and research methodologies are employed as a means to explain the causes and consequences of transformations of family life over time. These transformations include those that have already occurred and those that continue to take place, including dramatic changes in gender roles and divisions of labour. Emphasis is placed upon diversity within and between families; the</p>

	increased pressures on families within a consumer society; and the impacts upon families from globalization and a pervasive neoliberal ideological, social, political, and economic context.
SOCI4311	<p><b>Sociology of Family: Families in a Multicultural World</b></p> <p>This course is an exploration of cultural diversity among the world's family systems; students are provided a comparison of families from Asia, Africa and North America to illustrate how households, family relationships, and community bonds vary from society to society. This cross-cultural study demonstrates that there is no universal family unit, but a great variety of organizational forms and value systems. Sociological perspectives are used to help understand reasons why different family forms occur and how they have been shaped by their social context. Canadians live in a multicultural country made up of people who have different values, backgrounds, and family organizations. By learning and understanding these differences, students can distinguish between legitimate critique.</p>
SOCW3551	<p><b>Human Development</b></p> <p>An understanding of human development is crucial to effective social work practice, as the generalist social worker and other human service professionals are exposed to a great variety of problem situations across the entire lifespan. This course differs from many others in the field in that it integrates a life-span development approach with a multi-disciplinary perspective on the topic of human development. This course introduces students to aspects and models of how human behaviour is acquired, maintained and modified in a social environment; using a perspective of bio-psycho-social-spiritual human development as a knowledge base for practice with individuals, families and groups. Human development and behaviour will be viewed through the lens of Aboriginal, feminist, and anti-oppressive approaches to practice.</p>
WTTP 1191	<p><b>Communication</b></p> <p>This course introduces learners to some best practices in community relations and provides some practical information for improving communication skills. Good communication skills are important in building a good relationship within the community and in ensuring water utility plants have the financial support required for optimal performance. Topics include how to: establish good community relations; format regular business correspondence; deliver presentations; communicate with the media; and document procedures and plans.</p>
WTTP 1301	<p><b>Major Process Equipment</b></p> <p>Prior to filtration, raw water supplied to a treatment facility is often conditioned by the addition of chemicals. These chemicals modify the physical and chemical characteristics of the water. They also modify the nature of the organic and inorganic materials in solution or suspension. This course describes the equipment used to achieve the initial mixing of chemicals with the process water stream. It also describes the equipment used to flocculate coagulants within the process.</p>
WTTP 2051	<p><b>Water Sources</b></p> <p>This course provides training in the development of new and existing water sources. Students focus on ground and surface water sources as they relate to the way drinking water is treated and distributed. Areas of study include: basic water supply hydrology; groundwater sources; surface water sources; emergency and alternate water sources; source water conservation; source water quality; and source water protection.</p>
WTTP 1821	<p><b>Moving Water</b></p> <p>A water treatment process operator must be fully familiar with process water flows from their origin to their destination. Process waters include the main process water flow, chemical solutions, wastewaters and other fluids, including gases. This course looks at the movement of the main process water flow through a treatment facility and the equipment used to control the flow.</p>
WTTP 1311	<p><b>Secondary Process Equipment</b></p> <p>A water treatment process operator must be fully familiar with the secondary flows that feed air, chemical solutions and emergency power in support of the main process water treatment. This course looks at these systems and the equipment used in secondary processes such as air handling, chemical feeding and standby power systems. It also reviews management of wastewater and solids from the primary process trains and the building systems which support the treatment facilities. Finally, students review how records should be organized and kept.</p>
WTTP 2131	<p><b>The History, Mechanisms, and Classifications of Filters</b></p> <p>This course provides students with a basic understanding of water filtration mechanisms, concepts, equations and the various methods of classifying filtration systems. Topics include a historical overview of the development of water treatment in Europe and North America and its impacts on water filtration today. In addition, the mechanisms governing filtration are covered along with concepts in fluid dynamics and the equations used. Finally, the media properties, filtration classifications and river, slow sand and precoat or cake filtration are discussed.</p>
WTTP 1701	<p><b>Introduction to Water Chemistry</b></p> <p>This course provides the fundamentals of chemistry as it applies to the water industry. The intent is to lay the foundation so operators can understand more advanced theories involving chemical reactions in</p>

	water. The topics will include the theory behind pH, alkalinity and titrations. These topics are supported by concepts such as chemical equations, equilibriums, acid base theory and buffering capacity.
WTTP 2061	<b>Inorganic Species in Water</b> The focus of this course is on the study of inorganic species (metals and non-metals) that are found in water and wastewater. Topics include identification and removal techniques of inorganic species in treatment systems. Basic terminology, reactions and equation analysis are also covered.
WTTP 2071	<b>Organic Species in Water</b> The focus of this course is on the organic content as it applies to the water and wastewater industries. Topics include identification, analysis and treatment techniques related to organic compounds. The discussions include the effects of naturally occurring and human made organics in water.
WTTP 2171	<b>Basic Principles of Disinfection</b> This course is designed to cover the basic principles of water disinfection. Topics will include history of disinfection, causes of waterborne diseases and disinfection goals. Basic properties and uses of chlorine and disinfection by-products will also be discussed.
XCMP0149	<b>Human Side of Information Systems</b>  This(online)course(UVIC'sTECB402) provides you with an understanding of the impact of information technology and systems on society. Human Side of Information Systems complements the technical content oftheCBISprogramby addressing issuesofinformation technology fromthehumanperspective. Youwill discuss theimpactoftechnology on education, business, cultures and societyatlarge. Topicsinclude intellectual property, security, privacy and confidentiality, globalization and the evolution of information technology.
<b>TOTAL</b>	<b>66 courses</b>

**Total of all Sustainability Courses ('On-Campus' (127) and 'Open Learning' (18)): 145**

**Total of all Courses That Include Sustainability ('On-Campus' (420), and 'Open Learning' (66)): 486**

**Total Courses: 631**

## References

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