3325F/G - READINGS IN ANTHROPOLOGY
Individual reading and research of current interest in Anthropology. Students are responsible for making arrangements with an Anthropology faculty member. An application must be completed with approval from the Instructor and the Chair. Applications are available on the Anthropology website.
Prerequisite(s): Anthropology 1001A, 1002B, 1201A, 1202B.
Prerequisite(s): Registration in third year in any program. Application required.
Hours to be arranged with Instructor. 0.5 course. Summer Evening.
4430F/G - SUPERVISED READINGS/RESEARCH IN ANTHROPOLOGY
Individual reading and research of current interest in Anthropology. Students are responsible for making arrangements with an Anthropology faculty member. An application must be completed with approval from the Instructor and the Chair. Applications are available on the Anthropology website.
Prerequisite(s): Registration in fourth year in any program with approval from the Instructor and the Department Chair. Hours to be arranged with Instructor. 0.5 course. Summer Evening.

APPLIED MATHEMATICS
1413 - APPLIED MATHEMATICS FOR ENGINEERS I
Limits, continuity, differentiation of functions of one variable with applications, extreme values, integration, the fundamental theorem of calculus, methods and applications of integration to areas, volumes and engineering applications. Sequences and series, convergence, power series. Vector functions, partial differential calculus, gradients, directional derivatives and applications.
Prerequisite(s): Calculus 1000A/B, the former Calculus 1100A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1525A/B.
Prerequisite(s): One or more of Ontario Secondary School MHF4U, MCV4U, or Mathematics 0110A/B.
3 lecture hours, 1 tutorial hour. Applied Mathematics 1413 is a suitable prerequisite for any course which lists Calculus 1000A/B plus Calculus 1500A/B. Restricted to students in the Faculty of Engineering. 1.0 course. Summer Evening.
2276A - APPLIED MATHEMATICS FOR ELECTRICAL AND MECHANICAL ENGINEERING III
Topics covered include a review of orthogonal expansions of functions and Fourier series and transforms, multiple integration with methods of evaluation in different systems of coordinates, vector fields, line integrals, surface and flux integrals, the Green, Gauss and Stokes theorems with applications.
Prerequisite(s): Calculus 2302A/B, Calculus 2303A/B, Calculus 2502A/B, Calculus 2503A/B. Applied Mathematics 2277A/B, the former Applied Mathematics 2411, the former Applied Mathematics 2413, the former Applied Mathematics 2415.
Prerequisite(s): Applied Mathematics 2270A/B.
3 lecture hours, 1 tutorial hour. Restricted to students in the Faculty of Engineering. 0.5 course. Intersession.

BIOCHEMISTRY
2280A - BIOCHEMISTRY AND MOLECULAR BIOLOGY
An introduction to biochemistry with emphasis on protein structure and function, intermediary metabolism and nucleic acid structure and function.
Prerequisite(s): Biochemistry 2208A.
Prerequisite(s): Either Biology 1001A or 1201A and either Biology 1002B or 1202B, Chemistry 1301A/B and 1302A/B, or the former Chemistry 1100A/B and 1200B. Integrated Science 1001X can be used as a prerequisite in place of Biology 1002B and Chemistry 1302A/B.
3 lecture hours. Note: It is strongly recommended that a course in organic chemistry be taken previously or concurrently (e.g. Chemistry 2213A/B or Chemistry 2273A). 0.5 course. Distance.
Antirequisite(s): Biology 1001A/B, Biology 1002B, Biology 1201A, Biology 1202B.
3 lecture hours. Biology 1225 is not intended to serve as a prerequisite for other Biology courses and will not fulfill the requirements for entry into the Biology modules. 1.0 course.
Distance.

2244B - ANALYSIS & INTERPRETATION OF BIOLOGICAL DATA
Measurement, sampling, estimation, and statistical hypothesis testing are considered: theory, intuitive background, and practical relevance will be stressed.
Prerequisite(s): 1.0 Mathematics course or equivalent numbered 1000 or above.
2 lecture hours, 3 laboratories hours. This half course may be used to meet the statistics requirement in the B.Sc. Biology modules. It may NOT be used in any degree as a 2000-level half course in Biology with a laboratory component. 0.5 course.
Summer Evening.

2290F - SCIENTIFIC METHOD IN BIOLOGY
A laboratory course designed to promote understanding of the scientific method by acquainting students with selected technical and conceptual tools that will enable them to generate, analyze and communicate data from experimental investigations of their own design in the areas of cell biology, population biology and genetics.
Prerequisite(s): A minimum mark of 60% in either Biology 1001A or Biology 1201A and a minimum mark of 60% in either Biology 1002B or Biology 1202B or Integrated Science 1001X.
6 laboratory hours. Mandatory course in most modules offered by the Department of Biology. 0.5 course. Intersession.

2382A - CELL BIOLOGY
Prerequisite(s): Either Biology 1001A/B or Biology 1201A and either Biology 1002B or Biology 1202B; Chemistry 1301A/B and Chemistry 1302A/B or the former Chemistry 1100A/B and the former Chemistry 1200B. Integrated Science 1001X with a minimum mark of 60% can be used as a prerequisite in place of Biology 1002B and Chemistry 1302A/B.
2 lecture hours. 1 lecture/tutorial hour. Mandatory course in most modules offered by the Department of Biology. 0.5 course.
Distance.

2483B - ECOLOGY
An introduction to ecology, the scientific study of the interactions that determine the distribution and abundance of plants, animals, and microorganisms. Ecological concepts at the organism, population and ecosystem levels will be considered, including tolerance limits, life history evolution, competition, predation, population growth and control, and ecosystem dynamics.
Prerequisite(s): A minimum mark of 60% in either Biology 1001A/B or Biology 1201A and a minimum mark of 60% in either Biology 1002B or Biology 1202B or Integrated Science 1001X. 0.5 course. Distance.

3218B - BIOLOGY OF THE FUNGI
This course provides an introduction to the fungi with emphasis on their biology, ecology, genetics and interactions with other organisms, including humans and their crops. Emphasis is on the three major fungi, including yeasts, with brief treatment of other fungus-like microbes of the Kingdoms Chromalveolata and Amoebozoa.
Prerequisite(s): At least 1.0 course in Biology at the 2200-level or higher.
2 lecture hours. 3 laboratory/tutorial hours. 0.5 course. Intersession.
2213A - ORGANIC CHEMISTRY FOR LIFE SCIENCES
An introduction to the basic concepts of structure, stereochemistry and reactions in organic chemistry with an emphasis on its connections to the biological, health or medical sciences.
Antirequisite(s): Chemistry 2273A.
Prerequisite(s): Chemistry 1301A/B and Chemistry 1302A/B, or the former Chemistry 1100A/B and the former Chemistry 1200B, or the former Chemistry 1050.
3 lecture hours, 1.5 laboratory hours (3 hours every other week).
Note: The combination of Chemistry 2213A/B and Chemistry 2223B provides the equivalent of a full course in Organic Chemistry with a laboratory, which is a prerequisite for some professional programs. 0.5 course. Intersession.

2223B - ORGANIC CHEMISTRY OF Biological MOLECULES
An examination of the chemistry of naturally occurring molecules, emphasizing organic compounds of importance in the Biological and Health Sciences.
Prerequisite(s): Chemistry 2213A/B or Chemistry 2283G.
3 lecture/tutorial hours, 1.5 laboratory hours (3 hours every other week).
Intended primarily for students in Biology, and students interested in the Health or Medical Sciences.
Note: The combination of Chemistry 2213A/B and Chemistry 2223B provides the equivalent of a full course in Organic Chemistry with a laboratory, which is a prerequisite for some professional programs. 0.5 course. Intersession.

CHILDHOOD AND SOCIAL INSTITUTIONS

3393A - SPECIAL TOPICS IN CHILDHOOD AND SOCIAL INSTITUTIONS
Topic and course description will be available at time of registration.
Prerequisite(s): Childhood and Social Institutions 1025F/G or the former Childhood and Social Institutions 1020.
3 lecture/tutorial hours. 0.5 course. Intersession.

3395A - SPECIAL TOPICS IN CHILDHOOD AND SOCIAL INSTITUTIONS
Topic and course description will be available at time of registration.
Prerequisite(s): Childhood and Social Institutions 1025F/G or the former Childhood and Social Institutions 1020.
3 lecture/tutorial hours. 0.5 course. Intersession.

CHINESE

2242F - REPRESENTATIVE WORKS IN TRADITIONAL CHINESE LITERATURE
A survey of major works of prose by pre-modern Chinese writers. This course focuses on reading texts and analyzing their textual structure, aesthetic values, and historical contexts. Attention will also be paid to the evolution of the Chinese language from the Classical to the vernacular.
3 hours 0.5 course. Summer Day.

2243F - THE CHINESE DIASPORA AND ITS LITERARY REPRESENTATION
A study of Chinese literary works written by Chinese-Canadian writers. This course examines the Chinese diaspora in relation to social constructions of ethnicity, identity, community, gender and sexuality. It also looks into reflections on the relations of the diasporic community, the homeland and the host country.
3 hours 0.5 course. Summer Day.

2244G - REPRESENTATIVE WORKS IN MODERN CHINESE LITERATURE
A survey of major works of prose by modern Chinese writers. Selected works will be discussed in relation to the writers' ideas of political involvement, social change, revolution and the function of literature. Events that have shaped modern Chinese history and society will also be examined.
3 hours 0.5 course. Summer Day.

2245F - CINEMA IN THE CHINESE MAINLAND
This course examines representative films produced in major historical periods in the Chinese Mainland, with an emphasis on issues of nationalism and national identity, as well as cultural, social, and political changes occurred and are occurring in 20th century and contemporary China.
3 hours 0.5 course. Intersession.

2246G - CHINESE CINEMA IN TAIWAN & HONG KONG
This course examines representative films produced in major historical periods in Taiwan and Hong Kong, with an emphasis on issues of nationalism and national identity, as well as cultural, social, and political changes occurred and are occurring in 20th century and contemporary Taiwan and Hong Kong.
3 hours 0.5 course. Intersession.

2601A - THE POLITICAL AND SCI-ECONOMIC FOUNDATIONS OF MODERN CHINA
A survey of the social, political, and economic factors that shape modern China. Taught in English.
Antirequisite(s): The former Centre of Global Studies 2202A/B.
3 hours 0.5 course. Intersession.

2602A - THE CULTURAL FOUNDATIONS OF MODERN CHINA
A survey of the artistic, philosophical, and religious factors that shape modern China. Taught in English.
Antirequisite(s): The former Centre for Global Studies 2203A/B.
3 hours 0.5 course. Intersession.

3340A - BUSINESS CHINESE 1
This course is intended for students who can read and write Modern Standard Chinese. Students will study business terms, business styles and formats, and acquire linguistic and cultural knowledge for conducting business in Chinese. Students will develop competence through practical experience in reading and writing market reports and analyzing contracts.
4 hours 0.5 course. Intersession.

3341B - BUSINESS CHINESE 2
This course is intended for students who can read and write Modern Standard Chinese. Students will study business terms, business styles and formats, and acquire linguistic and cultural knowledge for conducting business in Chinese. Students will develop competence through practical experience in reading and writing market reports and analyzing contracts.
4 hours 0.5 course. Intersession.

COMPUTER SCIENCE

1026A - COMPUTER SCIENCE FUNDAMENTALS I
The nature of Computer Science as a discipline; the design and analysis of algorithms and their implementation as modular, reliable, well-documented programs written in a modern programming language. Intended for students with little or no background in programming.
Antirequisite(s): Computer Science 1025A/B, Computer Science 2120A/B, Engineering Science 1036A/B, Digital Humanities 2220A/B.
3 lecture hours, 2 laboratory/tutorial hours. 0.5 course. Summer Evening.

1027B - COMPUTER SCIENCE FUNDAMENTALS II
A continuation for both Computer Science 1025A/B and Computer Science 1026A/B. Data organization and manipulation; abstract data types and their implementations in a modern programming language; lists, stacks, queues, trees, parsers, recursion; file handling and storage.
Antirequisite(s): Computer Science 1037A/B, Computer Science 2121A/B, Engineering Science 2229A/B, Digital Humanities 2221A/B.
Prerequisite(s): Computer Science 1025A/B or Computer Science 1026A/B.
3 lecture hours, 1 laboratory/tutorial hour. 0.5 course. Summer Evening.

1032A - INFORMATION SYSTEMS AND DESIGN
Techniques used for determining technological needs of businesses; building and managing systems to meet those needs; development roles of individuals and organizations; planning and management of concepts, personnel and processes; related software tools (spreadsheets, databases).

3033A - MULTIMEDIA AND COMMUNICATION
This course explores the use of different types of media (e.g., text, images, sound, animation) to convey ideas and facilitate interaction. Topics include the design and use of a range of software tools for media creation and editing, covering image, sound, animation and video. This knowledge will be applied to authoring web sites.
2 lecture hours, 2 laboratory/tutorial hours. 0.5 course. Summer Evening.

3800Z - PROJECT
A supervised study involving a research paper, the design of or development of a software project.
Antirequisite(s): Computer Science 4460Z, Computer Science 4480Y, Computer Science 4490Z.
Prerequisite(s): Permission from the department, plus: Computer Science 2212A/B/Y and registration in the Specialization or Major in Computer Science. To be allowed in to this course, the student must have found a topic and a willing departmental supervisor before the end of the add period.
3 lecture hours. 0.5 course. Summer Evening.

4476Y - SUMMER OF CODE
An examination of open source software development through Google's annual Summer of Code program. Students are exposed to real-world software development scenarios in mentored projects from a number of open source projects, gaining valuable and practical skills and experience in open source software development and maintenance.
Antirequisite(s): Computer Science 4437A/B/Y if taken during the Summer 2013 or 2014 academic terms.
Prerequisite(s): Computer Science 3307A/B/Y or permission of the Department.
3 lecture hours. Note: Students must notify the Department of their interest in registration in the course prior to the preceding May 1st for Computer Science 4476A/B/Y. Registration in the course is conditional upon acceptance into the Google Summer of Code program. Students are advised that the timeline for this program varies from year to year and it is their responsibility to ensure that they can participate in the program according to their schedule and needs. 0.5 course. Summer Evening.

4490Z - THESIS
A project or research paper completed with minimal faculty supervision. An oral presentation plus a written submission will be required.
Antirequisite(s): Computer Science 3380F/G/Z, Computer Science 4460Z, Computer Science 4470Y, Computer Science 4480Y.
Prerequisite(s): (2.0 courses from: Computer Science 3305A/B, 3307A/B/Y, 3313A/B, 3340A/B, 3342A/B, 3350A/Y; plus registration in the Honors Specialization in Computer Science or the Combined Honors BSc Computer Science/Law (JD) Program) or (2.0 courses from: Computer Science 3305A/B, 3307A/B/Y, 3319A/B, 3331A/B, 3340A/B, 3357A/B/Y; plus registration in the Honors Specialization in Information Systems). 3 lecture hours. 0.5 course. Summer Evening.

DIMENSIONS OF LEADERSHIP

1031 - EXPLORING LEADERSHIP
An interdisciplinary course providing students with an introduction to the concept and history of leadership. Students will examine the philosophical, psychological and theoretical perspectives on leadership through readings, engagement with representative leaders, and experiential simulations and activities.
Antirequisite(s): The former Interdisciplinary Studies 1031. 3 lecture hours. 1.0 course. Intersession.

4440 - INDEPENDENT STUDY IN LEADERSHIP STUDIES
Readings and discussion on, or field experience in, leadership which are agreed upon through Consultation between the student and the supervising professor.


**DISABILITY STUDIES**

**1010A - EXPLORING DISABILITY**
Explores provocative ethical and practical Disability Studies topics using a Liberal Arts framework. Students actively engage both sides of cases with legal, medical, and recreational significance. Examines how disability, mental health and neuro-diversity intersect with modern culture and social institutions.

**Antirequisite(s):** The former Interdisciplinary Studies 1010A/B

**2 lecture hours, 1 tutorial hour (Main), 3 lecture hours (Brescia, Huron, King’s). 0.5 course. Distance. Summer Evening.**

**1022A - PRINCIPLES OF MACROECONOMICS**
National income, aggregate supply and aggregate demand; inflation, unemployment and interest rates; money and monetary institutions; economic growth; balance of payments; and exchange rates.

**Pre- or Corequisite(s):** Economics 1021A/B must be taken prior to or at the same time as 1022A/B. Students are strongly advised to take Economics 1021A/B before taking Economics 1022A/B.

**2 lecture hours, 1 tutorial hour (Main), 3 lecture hours (Brescia, Huron, King’s). 0.5 course. Distance. Summer Evening. Intersession.**

**2122A - ECONOMETRICS I**
An introductory course in econometric description and inference which covers: descriptive statistics for cross-section and time-series samples, probability; probability distributions and random variables; estimators and sampling distributions; confidence intervals and tests of hypotheses; simple linear regression.


**Note:** Students wishing to enroll in higher-level courses in the Department of Statistics and Actuarial Sciences are encouraged to consult that department.


**Antirequisite(s):** Economics 1021A/B and Economics 1022A/B, or Economics 2001A/B, and one of MCV4U, Mathematics 010A/B, Calculus 1000A/B, Calculus 1500A/B, Mathematics 1254A/B or the former Calculus 1100A/B.

**3 lecture hours. 0.5 course. Summer Evening.**

**2123B - ECONOMETRICS II**
An introductory course in regression analysis which covers: multivariate probability distributions; the classical linear regression model; heteroskedasticity; autocorrelation; introduction to time series; dynamic linear models; diagnostic testing; instrumental variables; nonlinearity and limited dependent variables.

**Antirequisite(s):** Economics 2223A/B.

**Prerequisite(s):** Economics 2212A/B; and 0.5 course from: Mathematics 1254A/B, Calculus 1000A/B, Calculus 1500A/B, or the former Calculus 1100A/B.

**3 lecture hours. 0.5 course. Summer Evening.**

**2150A - INTERMEDIATE MICROECONOMIC THEORY I**
Theories of the behavior of consumers and firms and the theory of competitive markets.

**Antirequisite(s):** Economics 2260A/B.

**Prerequisite(s):** Economics 1021A/B and Economics 1022A/B, or Economics 2001A/B, and one of MCV4U, Mathematics 010A/B, Calculus 1000A/B, Calculus 1500A/B, Mathematics 1254A/B or the former Calculus 1100A/B.

**3 lecture hours. 0.5 course. Distance. Summer Evening.**

**2151B - INTERMEDIATE MICROECONOMIC THEORY II**
Theories of imperfectly competitive markets and the markets for factors of production; game theory; general equilibrium and welfare economics.

**Antirequisite(s):** Economics 2261A/B.

**Prerequisite(s):** Economics 2150A/B.

**3 lecture hours. 0.5 course. Summer Evening.**

**2152A - INTERMEDIATE MACROECONOMIC THEORY AND POLICY I**
National income accounts, price indexes, theories of aggregate demand and aggregate supply; rational expectations; the determination of real income, employment, wages, the rate of interest and the price level.

**Antirequisite(s):** Economics 2220A/B.

**Prerequisite(s):** Economics 2102A/B and Economics 1022A/B, or Economics 2001A/B, and one of MCV4U, Mathematics 010A/B, Calculus 1000A/B, Calculus 1500A/B, Mathematics 1254A/B or the former Calculus 1100A/B.

**3 lecture hours. 0.5 course. Summer Evening.**

**2153B - INTERMEDIATE MACROECONOMIC THEORY AND POLICY II**
Inflation; unemployment; economic growth and fluctuations; the determination of the balance of payments and the exchange rate; and monetary and fiscal stabilization policies in closed and open economies.

**Antirequisite(s):** Economics 2221A/B.

**Prerequisite(s):** Economics 2152A/B.

**3 lecture hours. 0.5 course. Summer Evening.**

**2156A - LABOUR ECONOMICS - BARGAINING**
The economic and legal aspects of labor relations will be approached under some or all of the following headings: the history and origin of the trade union movement, the economics of trade unions, labor law, wage/price controls and the relationship of unions, firms and governments.

**Antirequisite(s):** Economics 3344A/B and Economics 3345A/B.

**Prerequisite(s):** Economics 2102A/B and Economics 2001A/B, or Economics 2102A/B. 3 lecture hours. 0.5 course. Intersession.

**2167A - INTERNATIONAL ECONOMICS**
This course is an introduction to international economics. Topics will include the standard theories of international trade, trade policies, and international labour mobility, foreign direct investment, fixed and flexible exchange rates, international capital mobility and macroeconomic adjustment policies.

**Antirequisite(s):** Economics 2163A/B, Economics 2164A/B, Economics 3352A/B, Economics 3353A/B.

**Prerequisite(s):** Economics 2102A/B and Economics 2001A/B, or Economics 2102A/B. 3 lecture hours. 0.5 course. Intersession.

**ENGINEERING SCIENCE**

**1021A - PROPERTIES OF MATERIALS IN ENGINEERING**
An introduction to the relationship between the microstructure and engineering properties of metals, ceramics, polymers, semiconductors and composites.

**Prerequisite(s):** 3 lecture hours, 2 tutorial hours. 0.5 course. Intersession.

**1022A - ENGINEERING STATICS**
Analysis of forces on structures and machines, including addition and resolution of forces and moments in two and three dimensions. The application of the principles of equilibrium. Topics: trusses; frames; friction; and centroids. 2 lecture hours/week; 1 tutorial hour/week for ten weeks each term - this is equivalent to 3 lecture hours/week and 2 tutorial hours/week over one term. 0.5 course. Summer Day.

**1036A - PROGRAMMING FUNDAMENTALS FOR ENGINEERS**
Designing, implementing and testing computer programs using a modern object-oriented language such as C++ to fulfill given specifications for small problems using sound engineering principles and processes. Awareness of the engineering aspects of the process of constructing a computer program.

**Antirequisite(s):** Computer Science 1025A/B, Computer Science 1026A/B.

**3 lecture hours, 2 laboratory hours. 0.5 course. Intersession.**

**4498F - ENGINEERING ETHICS, SUSTAINABLE DEVELOPMENT AND THE LAW**
This course will cover professionalism, ethical theory, the code of ethics and enforcement; the environment; and contracts and risk.

**Prerequisite(s):** Completion of third year of the Engineering program. 3 lecture hours. 0.5 course. Intersession.
ENGLISH

1020E - UNDERSTANDING LITERATURE TODAY
By studying a broad range of exciting and important literary works from the past and present, this course will increase your understanding and appreciation not just of the richness and power of the works themselves, but also of the role of literature in reflecting and shaping our perceptions of the world and of ourselves.
Prerequisite(s): English 1022E, English 1035E.
Antirequisite(s): Grade 12U English or permission of the Department. For part time students who have been admitted without the OSST, this permission will be granted as a matter of course.
3 hours. 1.0 course. Distance.

2017 - READING POPULAR CULTURE
"If Shakespeare were alive today, he’d be writing for television." This course addresses the many forms of popular culture, including television, music, popular fiction and film, urban myths, and celebrities. The aim of this course is to encourage students to develop a critical understanding of all aspects of popular culture.
3 lecture hours. 1.0 course. Summer Evening.

2033E - CHILDREN’S LITERATURE
Readings from significant books written for children, selected primarily for literary quality. Some attention will be given to the historic evolution of "Children's Literature" as a separate class, but the principal aim of the course will be to consider the nature and development of the two major genres: nonsense verse and romance.
Antirequisite(s): English 2730F/3G (King’s).
3 hours. 1.0 course. Distance. Intersession.

2071F - SPEkulATIVE FICTION: SCIENCE FICTION
From Mary Shelley’s Frankenstein to Ridley Scott’s Blade Runner, a consideration of the history and development of science fiction. Will include science fiction themes such as the Other, new technologies, chaos theory, cybernetics, paradoxes of space/time travel, first contact, and alien worlds.
3 hours. 0.5 course. Distance.

2072F - SPEkulATIVE FICTION: FANTASY
A study of the purposes and historical origins of fantasy, and modern developments in fantasy: alternate worlds, horror or ghost stories, sword & sorcery, heroic fantasy. May include writers such as Tolkien, Simmons, Peake, Herbert, Beagle, Rowling.
3 hours. 0.5 course. Distance.

2401E - AMERICAN LITERATURE SURVEY
This course offers a survey of important texts and authors from the Puritan and Revolutionary periods to the present. It addresses not only the major movements and styles of American literature are associated with such authors as Poe, Dickinson, Twain, Hemingway, and Morrison, but also the innovative work of less familiar Indigenous and ethnic authors.
Antirequisite(s): English 2341E, 2342F/G, 2343F/G, 2344E, 2345F/G, 2346F/G, and 3664C, or the former English 2160E.
Prerequisite(s): At least 60% in 1.0 of English 1020E or English 1022E or English 1024E or English 1035E or English 1036E or English 1042E or both of English 2072F/G and English 1028F/G, or permission of the Department.
3 hours. 0.5 course. Distance.

2550F - SPECIAL TOPICS IN ENGLISH AND CULTURAL STUDIES
Please consult the course department for current offerings.
Prerequisite(s): At least 60% in 1.0 of any 1000-level English course, or permission of the Department.
3 hours. 0.5 course. Intersession.

FAMILY STUDIES

1010A - INTRODUCTION TO FAMILIES IN CANADA
This introductory course explains the field of Family Studies, examining the factors that shape family life, from individual psychology to group dynamics to social forces such as the workplace, the economy, and the government. Families are considered across the life course, and family diversity is highlighted.
Antirequisite(s): Family Studies 1020.
3 lecture hours. 0.5 course. Intersession.

1015A - CLOSE RELATIONSHIPS
Intimate relationships, like those found between marital or dating partners, are examined from a social science perspective, looking at love, mate selection, attachment, loneliness, conflict, relationship dissolution, and factors contributing to success among long-term relationships. Other close relationships also are considered, such as those between friends or parents and children.
3 lecture hours. 0.5 course. Intersession.

2235 - INTRODUCTION TO COUNSELLING
This course introduces students to the basics of counselling within the context of the study of Family Studies. Students will learn about the history of the counselling professions, will gain an understanding of various approaches, skills, and work settings, and will consider the role of counselling among diverse populations, including adolescents, couples, and families. Topics include ethical and legal aspects, assessment, individual and group counselling, and research, use of technology, and multidisciplinary issues having to do with counselling.
Prerequisite(s): Any Family Studies 1000-level course or permission of the instructor.
3 hours. 1.0 course. Summer Evening.

2260A - MIDDLE CHILDHOOD AND ADOLESCENCE
This course investigates middle childhood and adolescence, exploring these developmental stages as they intersect with family, cultural, and community contexts.
Prerequisite(s): Any Family Studies 1000-level course or permission of the instructor.
3 lecture hours. 0.5 course. Summer Day.

2300F - UNDERSTANDING FAMILY RESEARCH
Students will become familiar with the primary research methods used by Family Studies professionals. Other topics such as research ethics will be covered.
Prerequisite(s): 1.0 from Family Studies courses at the 1000 level.
3 lecture hours. 0.5 course. Intersession.

3340A - FAMILY RESILIENCE
This course explores the topic of family resilience, using a strengths-based perspective to examine how and why some families are able to survive and rebound from adversity, trauma, or persistent challenges over the life course, while others do not.
Prerequisite(s): 1.0 Family Studies courses at the 2000 level, or permission of instructor.
3 lecture hours. 0.5 course. Intersession.

3345A - FAMILY VIOLENCE
Family violence is examined from a variety of theoretical perspectives, such as feminist, exchange, and systems. Dating violence, violence in marriage and marriage-like relationships, child abuse, and elder abuse are considered.
Prerequisite(s): 1.0 units of Family Studies 2000-level courses, or enrolment in third or fourth year of the Major in Criminal Justice or Honours Specialization in Community and Criminal Justice modules, or permission of instructor.
3 lecture hours. 0.5 course. Summer Day.

FILM STUDIES

2166A - ZOMBIE FILM
This course considers how this horror subgenre has developed over the past century and why it continues to resonate with filmmakers and filmgoers. Using various approaches, we’ll examine the cultural anxieties the films raise in relation to such issues as gender, sexuality, race, capitalism, technology, religion, and the environment.
Antirequisite(s): Film Studies 2194A/B, if taken in 2012-2013 or 2015-2016; Film Studies 2196A/B, if taken in 2013-2014.
2 lecture/seminar hours. 1.0 hour lecture/screening. 0.5 course. Distance.

FIRST NATIONS STUDIES

2112 - IROQOIAN LANGUAGE AND CULTURE
In this course the student will learn the basics of a particular North American aboriginal language (Mohawk) and will examine the relationships of that language to various culturally relevant concepts.
Antirequisite(s): Anthropology 2112.

2197F - THE IROQUIANS: THEIR HISTORY AND CULTURE
An examination of the culture and history of the Iroquoian Peoples from European contact to present day as presented by historical and contemporary writings and interpretation of events. Students will use a combination of primary and secondary sources drawn from both Iroquoian and Non-Iroquoian traditions.
Prerequisite(s): Registration in second year or higher of any program.
3 lecture hours. 0.5 course. Summer Day.

3001F - SPECIAL TOPICS IN FIRST NATIONS STUDIES
Special topics of current interest in the First Nations. List of special topics may be available in the Program office.
Prerequisite(s): Third of fourth year registration in any program with approval of the Director.
3 lecture/seminar hours. 0.5 course. Summer Day.

3002E - SPECIAL TOPICS IN FIRST NATIONS STUDIES
Special topics of interest in First Nations Studies. List of topics may be available in the Program’s office.
Prerequisite(s): Registration in third year in any program.
3 lecture/seminar hours. 1.0 course. Summer Day.

3003 - SPECIAL TOPICS IN FIRST NATIONS STUDIES
This course offers a survey of the major topics and issues in First Nations Studies. Topics may be available in the Program office.
Prerequisite(s): One 2000-level First Nations course or permission of the Director of First Nations Studies.
3 lecture/seminar hours. 1.0 course. Summer Day.

3011F - READINGS IN FIRST NATIONS STUDIES
Individual reading and research of current interest in First Nations topics. Students must make arrangements with a Professor in the First Nations Studies program. An application must be completed with approval from the Instructor and the Director. Applications are available in the First Nations Studies office.
Prerequisite(s): Third of fourth year registration in any program with approval of the Director.
Hours to be arranged with the Instructor. 0.5 course. Summer Evening.

4011F - SUPERVISED READING/RESEARCH IN FIRST NATIONS STUDIES
Individual reading and research of current interest in First Nations topics. Students must make arrangements with a Professor in the First Nations Studies program. An application must be completed with approval from the Instructor and the Director. Applications are available in the First Nations Studies office.
Prerequisite(s): Fourth year registration in any program with the approval of the Director.
Hours to be arranged with the Instructor. 0.5 course. Summer Evening.

4022E - FIELD SCHOOL IN FIRST NATIONS STUDIES
An advanced seminar course combining in-class discussions of theoretical texts, research projects, and community-based research. Students will be trained in appropriate methodologies and ethics of working with First Nations Communities. Areas of research and instruction may include land claims, self-government, education, health care, and urban issues.
Prerequisite(s): Registration in fourth year, a 70% average in First Nations Studies, 1.5 courses from First Nations Studies 3140F/G, 3306F/G, 3722F/G, 3911F/G, 3921F/G, 3971F/G, or the former First Nations Studies 3141F/G or permission of the instructor.
3 lecture hours/field school/practicum. 1.0 course. Intersession.

FOODS AND NUTRITION

1021 - NUTRITION FOR MODERN LIVING
A survey of human nutritional needs including nutrient requirements, nutrient functions and sources of nutrients in foods. Maternal and infant nutrition, food additives, food legislation, world food problems, and other current topics.
Antirequisite(s): Foods and Nutrition 1030E or Foods and Nutrition 2121.
3 lecture/tutorial hours. 0.5 course. Summer Evening.

2121 - INTRODUCTION TO HUMAN NUTRITION
An introduction and overview of the basic principles of human nutrition. Exploration of the facts and myths surrounding the subject.
Prerequisite(s): Foods and Nutrition 1021, 1030E.

Corequisite(s): Registration in the Nutrition and Families modules (Honors Specialization, Specialization, Major) or by permission of the Division. Grade 11 (or higher) Biology and Chemistry are highly recommended as preparation for this course.
3 lecture hours. 1 course. Summer Evening.

2232 - PRINCIPLES OF FOOD SCIENCE
A study of the physical structure, chemical composition and nutritive value of foods with emphasis on the effect on a finished product of the physical and chemical conditions, the proportion of ingredients and manipulative techniques. Discussion of aesthetic qualities and food economics.
Prerequisite(s): Registration in the BSc (Foods and Nutrition) or BSc (Human Ecology) programs.
Corequisite(s): Foods and Nutrition 1030E, Chemistry 2003A/B or Chemistry 2213A/B.
3 lecture hours, 3 laboratory hours. 1 course. Intersession.

3344A - DIET AND NUTRITIONAL ASSESSMENT
A critical survey of the methods used in the assessment of food and nutrient intakes and nutritional status of communities, groups and individuals, in both health and disease.
Prerequisite(s): Foods and Nutrition 1030E or Foods and Nutrition 1021 or Foods and Nutrition 2121. Registration in the Foods and Nutrition or Nutrition and Families modules (Honors Specialization, Specialization, Major, Minor in Foods and Nutrition).
Pre- or Corequisite(s): Foods and Nutrition 2241A/B.
3 lecture hours. 0.5 course. Intersession.

3346A - FOOD PRODUCTION MANAGEMENT I
The application of scientific principles to the procurement, storage, processing and service of institutional food. Menu-planning to meet nutritional requirements while working under the constraints of budgets and the available food supplies, equipment and staff. Food trends, sanitation and safety.
Prerequisite(s): Registration in the Foods and Nutrition or Nutrition and Families or Management and Organizational Studies modules (Honors Specialization, Specialization, Major, Minor in Foods and Nutrition).
Pre- or Corequisite(s): Foods and Nutrition 3342A/B.
3 lecture hours. 0.5 course. Intersession.

3351A - CLINICAL NUTRITION I
Introduction to therapeutic nutritional care/service, modifications of normal diet to meet special nutritional needs, menu planning: documentation of nutritional care.
Prerequisite(s): Foods and Nutrition 2241A/B. Registration in the Foods and Nutrition or Nutrition and Families modules (Honors Specialization, Specialization, Major, Minor in Foods and Nutrition).
Pre- or Corequisite(s): Foods and Nutrition 3344A/B.
3 lecture hours. 0.5 course. Intersession.

3373A - NUTRITION AND PHYSICAL ACTIVITY
An integrative study of the impact of various levels of physical activity and in-activity on nutritional needs and food and nutrient intake based on current research and recommendations with attention to popular half-truths and myths.
Prerequisite(s): Foods and Nutrition 1030E or Foods and Nutrition 1021 (with a mark of at least 70%) or Foods and Nutrition 2121 (with a mark of at least 70%). Registration in the Foods and Nutrition or Nutrition and Families modules (Honors Specialization, Specialization, Major, Minor in Foods and Nutrition).
Pre- or Corequisite(s): Foods and Nutrition 2241A/B or Foods and Nutrition 2245A/B.
3 lecture hours. 0.5 course. Intersession.

4901Y - DIETETIC SIMULATION PRACTICE
Intensive and realistic simulation practical experience. Students will be responsible for the planning, preparation, management, and documentation of food service operations. Additional focus will be on in-service training, nutrition information service, and evaluation of services.
Prerequisite(s): French 1900E or French 1910 or French 1999 or permission of the Department of French Studies, based on Placement Test.
3 or 4 lecture/tutorial hours. 0.5 course. Distance.

4902Y - REGULATORY, LEGAL AND ETHICAL ISSUES OF DIETETIC PRACTICE
An exploration of ethical issues, including ethics and critical incidents, review boards, current national/international standards/guidelines, legal principles/issues related to informed consent, liability, and regulatory and legal issues related to dietetic practice. Ethical dilemmas and their resolution will provide opportunities for developing and communication and judgmental skills, attitudes and confidence.
0.5 course. Intersession.

4903Y - PRACTICE-BASED DIETETIC RESEARCH
Provides an overview of evidence-based practice, the grant-writing process, budgetary aspects of grants, budgeting and managing project costs/cash flow/audits and negotiating agreements. Information management and knowledge transfer will be emphasized as they report on their research projects at the end of their placements.
0.5 course. Intersession.

4904Y - PRACTICUM
Students complete 1300 hours of practice in varied practice areas and locations. They will work on-site or conduct site-related work on a predetermined schedule, typically 30 - 35 hours per week. Students must successfully complete the practical training in all areas to satisfy the practicum requirements for the diploma.
0.5 course. Intersession.

FRENCH

1910 - UNIVERSITY FRENCH (LEVEL I)
A study of the French language based on cultural, written material and basic grammar problems.
Prerequisite(s): at Main campus: French 1900E, French 1999.
Prerequisite(s): at Brescia, Huron, King's campus: French 1900E.
Prerequisite(s): Ontario Grade 12 French (Core, Extended or Immersion) or equivalent, or French 1010 or French 1011A/B or French 1011A/B or permission of the Department of French Studies.
4 lecture/tutorial/laboratory hours.
Note at Main campus: Students who have Grade 12 French but have not taken French courses for more than 3 years, or have an average below 75% in Grade 12 French, should consult the Department of French Studies.
Note at Brescia, Huron, King's campus: Students who have Grade 12 French but have not taken French courses for more than 3 years, should consult the Department, 1 course. Intersession.

2404A - FRENCH AND FRANCOPHONE CULTURES: FRANCE, ENLIGHTENMENT TO POSTMODERNITY (VERSION I)
Using a multimedia approach, this civilization course examines the historical, political, cultural and artistic evolution of France, from the eighteenth century to modern times. Classes are taught in French. This course complements French 2406A/B.
Prerequisite(s): French 2144A/B.
Prerequisite(s): French 1900E or French 1910 or French 1999 or permission of the Department of French Studies, based on Placement Test.
3 lecture/tutorial hours. 0.5 course. Intersession.

2600E - INTRODUCTION TO FRENCH LITERATURE
A study in depth of some major French texts, with training in the skills of literary analysis.
Prerequisite(s): French 2605F/G, French 2605G/F.
Prerequisite(s): French 1900E or French 1910 or French 1999 or permission of the Department of French Studies.
3 lecture/tutorial hours, 1 course. Intersession.

2905A - LANGUAGE AND READING
Intensive grammar review with an emphasis on textual analysis, and understanding various forms of writing (2 hours lecture + 1 hour tutorial). Oral practice in the language laboratory (1 hour).
Prerequisite(s): French 2101, French 2900.
Prerequisite(s): French 1900E or French 1910 or French 1999 or permission of the Department of French Studies, based on Placement Test.
3 or 4 lecture/tutorial hours. 0.5 course. Distance.

2906B - LANGUAGE AND EXPRESSION
A review of selected elements of grammar with an emphasis on written and oral expression (2 hours lecture + a hour tutorial). Oral practice in the language laboratory (1 hour).
Prerequisite(s): French 2101, French 2900.
Prerequisite(s): French 1900E or French 1910 or French 1999 or permission of the Department of French Studies, based on Placement Test.
3 or 4 lecture/tutorial hours. 0.5 course. Distance.

3894A - FRENCH PRONUNCIATION 1
Introduces students to the analysis of the sound system of the French language and the differences between the English and the French phonetic systems. Students will learn to identify and adjust non-native patterns of pronunciation through comparative analysis, listening exercises, phonetic transcriptions, pronunciation practice in class and recordings.
Prerequisite(s): French 2900 or by permission of the Department.
3 lecture hours, 0.5 course. Summer Day.

3900 - LANGUAGE (ADVANCED LEVEL III)
Grammar, composition, translation and oral practice. (One hour per week in the language laboratory may be required.)
Antirequisite(s): French 3905A/B, French 3907A/B, French 3908A/B.
Prerequisite(s): 1.0 course from French 2905A/B, French 2907A/B or French 2900, or permission of the Department of French Studies, based on Placement Test.
3 or 4 lecture or tutorial hours (Main): 3 or 4 lecture/tutorial hours (Brescia, Huron, King's). 1 course. Distance.

GEOGRAPHY

2011A - ONTARIO AND THE GREAT LAKES
A detailed examination of the province as part of the Great Lakes region, with special reference to its historical development, natural resources and patterns of human and economic activity.
2 lecture hours. 0.5 course. Distance.

2090A - SPACE EXPLORATION
Survey of human activity in outer space, including history of spaceflight, scientific exploration, economic and military uses of space, natural resources and hazards, legal and ethical implications, and plausible future developments.
3 lecture hours. 0.5 course. Intersession.

213A - THE NATURAL ENVIRONMENT
An examination of the character, origins and history of selected natural environments with particular reference to North America.
Antirequisite(s): Geography 1300A/B.
2 lecture hours, 1 tutorial hour. 0.5 course. Distance.

2143A - FOUNDATIONS OF THE GEOGRAPHY OF WORLD BUSINESS
Geographical theories of local and international trade; relationships between the location of production and flows of goods and capital across countries and regions; the geographical patterns of world commerce.
2 lecture hours. 0.5 course. Intersession.

2152F - GEOGRAPHY OF HAZARDS
A survey of the methods and models used to understand human responses to hazards. The course reviews the rich tradition of hazards research in geography, particularly through the lens of social science. The course will include discussions of both so-called "natural hazards" (e.g., floods, fires, earthquakes) and "technological hazards" (e.g., nuclear technology, genetically modified organisms, terrorism, war) as examples.
Antirequisite(s): The former Geography 2152A/B.
3 lecture hours. 0.5 course. Intersession.
COURSE DESCRIPTIONS

HEALTH SCIENCES

1002A - SOCIAL DETERMINANTS OF HEALTH
This course introduces key social determinants of health, and orients students to viewing health in relation to social factors, equity, and social justice. Students will be introduced to basic terms, concepts, and measurements related to health, public health, population health, and health inequalities.
Antirequisite(s): The former Health Sciences 1000.
3 lecture hours, 1 tutorial hour. 0.5 course. Intersession.

2300A - SYSTEMIC APPROACH TO FUNCTIONAL ANATOMY
A gross anatomical description of systemic structure and function of the human body, with emphasis on skeletal, muscular and cardiovascular systems. Integration between systems will be discussed using clinical examples related to sport, medicine, and physical therapy. This is an introductory level lecture course.
Antirequisite(s): Anatomy and Cell Biology 222L, Anatomy and Cell Biology 3339, Kinesiology 2222A/B.
Prerequisite(s): Grade 12U Biology or equivalent is strongly recommended.
Registration information: Students not in a Health Science program are limited to a 1.5 Health Science course load.
3 lecture hours, 1 laboratory hour. 0.5 course. Summer Evening.

3025A - INTEGRATIVE HEALTH
Integrative Health examines a variety of areas and issues concerning the broad field of integrative health. From an evidence-based perspective, the course explores integrative health domains and assesses the quantitative and qualitative evidence about these various forms of “alternative” health including, but not limited to Oriental medicine, mind-body interventions, manual therapies, and herbal/pharmacological approaches to integrative health and lifestyle decision-making.
Antirequisite(s): Former Health Sciences 4020A/B; Health Sciences 3059A, section 001 if taken in Fall 2011; Kinesiology 3372A, section 002 if taken in Fall 2011.
Prerequisite(s): Minimum of 60% (mandatory) in each of Health Sciences 1001A/B and Health Sciences 1002A/B.
3 lecture hours. 0.5 course. Intersession.

3801A - MEASUREMENT AND ANALYSIS IN HEALTH SCIENCES
An introduction to measurement and analysis in health sciences research, covering topics such as validity, reliability, standard errors, confidence intervals, tests of means, correlation, and linear regression.
Prerequisite(s): Health Sciences 2801 or the former Health Sciences 2800.
2 lecture hours, 1 laboratory hour. 0.5 course. Intersession.

HISTORY

1401E - MODERN EUROPE, 1715 TO THE PRESENT: CONFLICT AND TRANSFORMATION
Examines central events and themes of modern European history, including: origins and impact of the French and industrial revolutions; Napoleonic wars; liberalism and reaction; socialism; nationalism; women's emancipation movements; imperialism, national rivalries and world wars; the Russian Revolution and Communist rule, and the collapse of the Soviet Union; Nazism: European integration.
2 lecture hours, 1 tutorial hour (Main); 3 hours (Brescia, Huron, King's). 1.0 course. Distance.

1404E - HITLER, STALIN AND MUSSOLINI: THE TOTALITARIAN AGE
An introduction to the theory and practice of totalitarianism through a comparative study of regimes established by Hitler, Stalin and Mussolini. Topics include the seizure of power, personality cults, culture, education and propaganda, bio-politics, terror, war, the Holocaust, resistance movements.
Antirequisite(s): History 2145A/B; History 2147A/B, or the former History 1403E.
3 lecture hours. 1.0 course. Intersession.

2110A - FRAGILE FREEDOMS? HUMAN RIGHTS IN CANADA
This course examines the history of human rights in Canada. It explores the creation of rights linked to ethnicity, gender, language, religion, region, class and other characteristics. It asks with what rights have been created and what factors have limited the development of rights.
Antirequisite(s): History 2187.
2 lecture hours. 0.5 course. Summer Evening.

2120B - NORTHERN ENTERPRISE: CANADIAN BUSINESS AND LABOR HISTORY
The development and effect of business in Canada from the late nineteenth century, with special emphasis on its social impacts and the emergence of a Canadian labor movement.
Antirequisite(s): History 2215F/G, the former History 2213F/G.
3 hours. 0.5 course. Distance.

2147A - NAZI GERMANY
We analyze how the Nazi Party came to power; the regime's use of propaganda, intimidation and terror within Germany after 1933; Hitler's foreign policy; Nazi methods in occupied Europe; anti-Semitism, the Holocaust, and other programs of mass murder; resistance within Germany, and the reasons for the regime's defeat.
Antirequisite(s): History 1403E, History 2145A/B.
2 lecture hours. 0.5 course. Intersession.

2158A - FOOD IN WORLD HISTORY
This course explores the role of food in world history with an emphasis on international exchange and cultural interaction following the discovery of the Americas. Students will consider the impact and influence of food upon politics, trade, conflict, and other aspects of society and culture.
2 hours. 0.5 course. Summer Evening.

2301E - THE UNITED STATES, COLONIAL PERIOD TO THE PRESENT
Emphasis first term upon the emergence of the American nation, the egalitarian impulse, national expansion and sectional conflict; second term, upon the great transformations of the modern era: the growth of industrialism, big government, a pluralistic society, and international predominance.
Antirequisite(s): History 2302F/G, History 2710F/G.
2 lecture hours, 1 tutorial hour (Main). 3 lecture hours (Brescia, Huron, King's). 1.0 course. Distance.

2702E - TEN DAYS THAT SHOOK THE WORLD
The course examines ten separate events in world history since 1609 with an emphasis on the key role of interactions across cultures. Moving among the case studies, the goal of the course is not to gain total knowledge of the world, but to understand the processes by which we claim to know the world.
3 lecture hours. 1.0 course. Intersession.

HISTORY OF SCIENCE

2220 - INTRODUCTION TO THE HISTORY OF MEDICINE
An overview of the development of medicine from antiquity to the present, including the growth of medical sciences, concepts of disease, therapies, and the history of medical practice and institutions.
3 lecture hours. 1.0 course. Summer Evening.

2266F - COMMUNICATIONS
A social-psychological analysis of communication theory in the context of interpersonal small-group and large-group dynamics. Group exercises to improve communication skills in the context of interpersonal small-group and large-group dynamics. Group exercises to improve communication skills.

HUMAN ECOLOGY

2276F - PSYCHOLOGY OF EXERCISE
The central purpose of this course is to examine the psychological bases of exercise and physical activity. Emphasis is placed on understanding the motives and barriers underlying involvement in exercise and physical activity. The psychological benefits derived from acute and chronic involvement, the situational and personal determinants associated with failure to initiate and/or adhere to exercise and physical activity programs, the theoretical perspectives

KINESIOLOGY

3388A - ISSUES IN HOUSING
A study of the housing needs of individuals and families and how those have been met at different times in history, in different societies and particularly today in Canada, including discussions of housing design, urban planning, environmental issues and alternative housing.
Prerequisite(s): Registration in the Foods and Nutrition or Nutrition and Families modules (Honors Specialization, Specialization, Major).
3 lecture hours. 0.5 course. Summer Evening.

3394A - PRINCIPLES OF MANAGEMENT
An introductory study of management principles, evolution of theories and influence of the behavioral sciences on current management practice. Functions of management, assessment and development of managerial skills. Case studies to help develop analytical and decision-making skills.
Prerequisite(s): Registration in the Foods and Nutrition modules (Honors Specialization).
3 lecture hours. 0.5 course. Intersession.

4402A - SUPERVISED RESEARCH
Prerequisite(s): Human Ecology 4412F/G. Registration in the Foods and Nutrition modules (Honors Specialization).
Minimum of 10 tutorial/laboratory/field work hours.
Limited enrollment course. 0.5 course. Summer Evening.
advanced to account for involvement, and intervention strategies used to stimulate and/or maintain involvement in exercise and physical activity.

Prerequisite(s): Kinesiology 1070A/B or the former Kinesiology 2088A/B.

3 lecture hours. 0.5 course. Summer Evening.

2961A - FOUNDATIONS OF TRAINING TECHNIQUE
An introduction to the basic knowledge and techniques associated in design, development, and implementation of training programs for beginners. Students will be expected to learn and put into practice techniques used to develop muscular endurance, muscular strength and cardiovascular fitness. The student will train for eight weeks.

Antirequisite(s): The former Kinesiology 2204Q/R/S/T. The former Kinesiology 2040A/B.

Prerequisite(s): Completion of the first year Kinesiology program and registration in the School of Kinesiology. 3 lecture/laboratory hours. 0.5 course. Summer Evening.

MANAGEMENT AND ORGANIZATIONAL STUDIES

1021A - INTRODUCTION TO CONSUMER BEHAVIOUR AND HUMAN RESOURCES
This course introduces students to the study of management and organizations based on the basic evidence available. Topics covered may include consumer behavior, human resource management, business processes, intercultural relations, and multinational corporations in a globalized economy. These topics are fundamental to understanding managing people, consumer choice, and global commerce.

Prerequisite(s): Enrolment in BMOS on Main Campus or Music Administrative Studies (MAS).

3 lecture hours. 0.5 course. Intersession.

1023A - INTRODUCTION TO ACCOUNTING AND FINANCE
This course provides students with a basic introduction to the fields of accounting and corporate finance. The accounting unit introduces students to basic accounting concepts from financial and managerial accounting. The corporate finance unit explains how financial markets work and how corporate managers use these markets to create and sustain corporate value.

Prerequisite(s): Enrolment in BMOS on Main Campus or Music Administrative Studies (MAS).

3 lecture hours. 0.5 course. Intersession.

2155A - ORGANIZATIONAL RELATIONS
An examination of the theories and applications of managing human relations and the dynamics of interaction within organizations.

Prerequisite(s): Enrolment in BMOS.

3 lecture hours. 0.5 course. Intersession.

231A - ORGANIZATIONAL BEHAVIOR
A multidisciplinary approach to the study of human behavior in organizations from the individual, group, and organizational levels of explanation.

Antirequisite(s): At Main campus: MOS 2180.

Antirequisite(s): At Brescia/Huron/King’s: MGS 2180.

Antirequisite(s): At King’s: MOS 2180/2190 Special Topics, 2015-16 only.

Prerequisite(s): Enrolment in BMOS or Music Administrative Studies (MAS).

3 lecture hours. 0.5 course. Distance.

2255A - ENTREPRENEURIAL THINKING
This course provides a broad overview of the principles, theories, and praxis of entrepreneurship, together with an understanding of the key tasks, skills, and attitudes required. It focuses on the “E-effectiveness” logic that serves entrepreneurs in the processes of opportunity identification and new venture creation based on existing resources.

Prerequisite(s): Completion of 5.0 1000-level courses.

3 lecture hours. 0.5 course. Intersession.

2275A - BUSINESS LAW I
An introduction to Canadian business law, including: tort law, contracts, property, employment, partnerships, corporations, debt and credit, bankruptcy and insolvency, sale of goods and consumer protection. Cases and current events are used to illustrate legal issues and to solve legal problems.

Antirequisite(s): Business Administration 4450A/B, Law 5510A/B, Law 5220A/B.

Prerequisite(s): Enrolment in BMOS or Honors Specialization in Urban Development or Technical Entrepreneurship Certificate (TEC).

3 lecture hours. 0.5 course. Distance.

2285A - GLOBAL BUSINESS ENVIRONMENT
This course examines the forces affecting businesses as they enter and operate in global markets. Students will learn theories and techniques which will help them understand how business decisions are made when entering new markets and what makes a given location a good fit for their operations.

Antirequisite(s): MOS 1020A/B.

Prerequisite(s): Business Administration 1220E.

3 hours. 0.5 course. Intersession.

2310A - FINANCE
This course provides an overview of issues in financial management and corporate finance. Students will learn how financial managers make investment, financing, and other decisions and the tools they use to make such decisions. Topics covered include time value of money, risk, valuation, capital structure, dividend policy and other selected issues.

Antirequisite(s): At Main campus: Financial Modelling 2555A/B, the former Actuarial Science 2555A/B and MOS 3330A/B.

Antirequisite(s): At Brescia campus: MOS 3330A/B.

Prerequisite(s): MOS 1020A/B or both MOS 1021A/B and MOS 1023A/B and enrolment in BMOS or Music Administrative Studies (MAS).

3 lecture hours.

Note: Students interested in pursuing an HBA Degree at the Richard Ivey School of Business should not take this course in second year as Ivey does not recognize this course as part of the HBA degree. 0.5 course. Distance. Intersession.

2320A - MARKETING
An introduction to the role of marketing in the organization including information systems, corporate strategy, opportunities assessment, product differentiation, pricing strategies, distribution, communication and advertising.

Antirequisite(s): MOS 3320A/B.

Prerequisite(s): MOS 1020A/B or both MOS 1021A/B and MOS 1023A/B and enrolment in BMOS or Music Administrative Studies (MAS).

3 lecture hours.

Note: Students interested in pursuing an HBA Degree at the Richard Ivey School of Business should not take this course in second year as Ivey does not recognize this course as part of the HBA degree. 0.5 course. Intersession.

3310A - FINANCE FOR MANAGEMENT AND ORGANIZATIONAL STUDIES
An introduction to the role of financial management including financial markets and analysis, working capital management, capital budgeting and long-term financing.

Antirequisite(s): MOS 2310A/B.

Prerequisite(s): Business 2257 and enrolment in BMOS.

3 lecture hours. 0.5 course. Intersession.

3360A - INTERMEDIATE ACCOUNTING I
Theory and concepts of financial accounting with particular emphasis on financial statements, revenue recognition, and current and long-term assets.

Antirequisite(s): Business Administration 4417A/B.

Prerequisite(s): Business Administration 2257 and enrolment in 3rd or 4th year of BMOS or Music Administrative Studies (MAS).

3 lecture hours. 0.5 course. Summer Evening.

3370A - MANAGEMENT ACCOUNTING
What does it cost? This question is asked in every organization. The determination of cost is a key accounting process that supports decision making. This course will cover management accounting techniques related to cost: behaviour, allocation, determination, and strategic cost management.

Antirequisite(s): At Main: Business Administration 3307K, the former Business Administration 4407Q/R/S/T.

Antirequisite(s): At Brescia/Huron/King’s: Business Administration 3307K, Business Administration 4407Q/R/S/T, the former MOS 3372.

Prerequisite(s): Business Administration 2257 and enrolment in third or fourth year of BMOS. Honors Specialization in Urban Development or Music Administrative Studies (MAS).

3 lecture hours. 0.5 course. Distance. Intersession.

3385A - ESSENTIALS OF HUMAN RESOURCES FOR NON HR STUDENTS
An introduction to human resources management (HRM) processes in organizations. Topics include: history of HRM, role of HRM departments in organizations, basics in job design, staffing analysis, recruitment and selection.

Antirequisite(s): MOS 4485F/G.

Prerequisite(s): Enrollment in 3rd or 4th year of the BMOS program.

3 lecture hours. 0.5 course. Summer Day.

4410A - STRATEGIC MANAGEMENT
Identification and analysis of problems and strengths in the organizational environment, using models from the social sciences. Strategies designed to deal with organizational challenges will be explored.

Prerequisite(s): Enrollment in 4th year of BMOS.

3 lecture hours. 0.5 course. Distance.

4465A - ADVANCED ACCOUNTING
Advanced financial accounting topics including international accounting and Canadian accounting treatment of intercorporate investments, business combinations, foreign currency transactions and translation, and accounting for not-for-profit organizations.

Antirequisite(s): At Main campus: Business Administration 4427A/B.

Antirequisite(s): At Huron’s campus: Business Administration 4427A/B and the former MOS 4440A/B and MOS 4461A/B.

Prerequisite(s): MOS 3363A/B and enrolment in 4th year of BMOS.

3 lecture hours. 0.5 course. Summer Evening.

MATHMATICS

1225A/B - METHODS OF CALCULUS
Elementary techniques of integration; applications of Calculus such as area, volume, and differential equations; functions of several variables. Lagrange multipliers. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Science modules. It may not be used as a prerequisite for any Calculus course numbered 1300 or above.


If Calculus 1000A/B or Calculus 1500A/B was completed after September 1, 2016 it is an antirequisite, but not if it was completed before that time.


Antirequisite(s): At King’s: Business Administration 1220E.

Prerequisite(s): At Huron’s: Business Administration 1220E.

Antirequisite(s): At King’s: Business Administration 1220E and the former MOS 4460A/B and Mathematics 1010A/B.

3 lecture hours. 0.5 course. Summer Evening. Intersession.

1228A/B - METHODS OF FINITE MATHEMATICS
Permutations and combinations; probability theory. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Science modules.

Antirequisite(s): Mathematics 2124A/B, Mathematics 2155F/G, the former Mathematics 2155A/B, Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2857A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 1010A/B, Mathematics 1225A/B, Mathematics 1229A/B.

3 lecture hours. 0.5 course. Summer Evening. Intersession.

1229A - METHODS OF MATRIX ALGEBRA
Matrix algebra including vectors and matrices, linear equations, determinants. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Science modules.

Antirequisite(s): Mathematics 2124A/B, Mathematics 2155F/G, the former Mathematics 2155A/B, Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2857A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 1010A/B, Mathematics 1225A/B, Mathematics 1229A/B.

3 lecture hours. 0.5 course. Summer Evening. Intersession.
1600A - LINEAR ALGEBRA I
Properties and applications of vectors; matrix algebra; solving systems of linear equations; determinants; vector spaces; orthogonality; eigenvalues and eigenvectors.
Prerequisite(s): Applied Mathematics 1414A/B, Applied Mathematics 2811B.

1600W - CRITICAL PERSPECTIVES IN ADVERTISING
This course will examine some of the issues that arise from such commercial - and non-commercial - activity. Topics will include the perpetuation of stereotypes and other promises and perils pertaining to the marketing machine.
Antirequisite(s): MIT 3850G if taken in 2010-2011, MIT 3851G if taken in 2011-12 or 2012-13 or MIT 3853F if taken in 2013-2014.
3 lecture hours. 0.5 course. Distance.

3373G - SOCIAL MEDIA & ORGANIZATIONS
This course provides hands-on experience with building, evaluating, and using social media tools such as blogs, wikis, and social networking websites within an organizational context. Relevant issues such as user privacy, social media policies, effective planning and implementation, and organizational impact will be addressed.
Antirequisite(s): MIT 3852G if taken in 2011-2012, Digital Communication 3209F/G.
3 lecture hours. 0.5 course. Distance.

3900F - MPI ACADEMIC INTERNSHIP I
The MPI Academic Internship I places undergraduate students in unpaid positions where they work in a new and challenging cultural milieu for community groups, non-government organizations and public services with media- and information-related interests. Placements are selected and supervised by instructors in consultation with the Undergraduate Affairs Committee.
Prerequisite(s): MIT 3900F/G/Z, MIT 3901F/G/Z.
Corequisite(s): Registration in the 3rd or 4th year of a module in MIT or MPI, with a minimum cumulative average of 72%, and have no failures or documented academic offences. Approval of, and acceptance into, an internship placement. The internship is given 0.5 course credit, and will show on the student’s transcript as Pass with Distinction, Pass, or Fail. 0.5 course. Summer Evening, Intersession, Summer Day.

3900W - CLIENTS WITH HEALTH CHALLENGES
This course focuses on adults and children experiencing acute and chronic health challenges. Students will explore dimensions of health, strengths-based nursing care, and health promotion/disease prevention.
Prerequisite(s): Registration in Compressed Time Frame BScN program.
5 lecture hours. All 2000-level courses in the program must be completed successfully before enrolling in 3000-level courses. 0.25 course. Summer Evening.

3700Q - PROFESSIONAL PRACTICE II: CLIENTS WITH HEALTH CHALLENGES
This course provides students with opportunities to work with clients experiencing complex health challenges, from a health promotion perspective, in a simulated hospital setting.
Prerequisite(s): Registration in Compressed Time Frame BScN program.
144 clinical hours. Pass/Fail. All 2000-level courses in the program must be completed successfully before enrolling in 3000-level courses. 0.25 course. Summer Evening.

3900A - PROFESSIONAL PRACTICE III: CLIENTS WITH HEALTH CHALLENGES
Students will apply and integrate theory while providing nursing care to clients experiencing episodic health challenges in a hospital setting.
Prerequisite(s): Registration in Compressed Time Frame BScN program.
3 lecture hours. 0.5 course. Summer Evening.

4320A - PROFESSIONAL ETHICAL AND LEGAL OBLIGATIONS: A CRITICAL APPRAISAL
This course will critically review ethical theories, the legal and ethical aspects of nurses’ roles, and nursing’s commitment to healthy public policy, social justice, and advocacy.
Antirequisite(s): The former Nursing 2254A/B, 2204A/B.
Prerequisite(s): Registration in Year 4 of the Western-Fanshawe Collaborative BScN program or Compressed Time Frame BScN program.
3 lecture hours. 0.5 course. Summer Evening.

4400A - ADVANCED CONCEPTS FOR PROFESSIONAL PRACTICE
This course will assist students to integrate multiple sources of knowledge gained in the program to engage in in-depth exploration of health/illness issues.
Prerequisite(s): Registration in Year 4 of the Western-Fanshawe Collaborative BScN program or Compressed Time Frame BScN program.
3 lecture hours. All 3000-level courses in the program must be completed successfully before enrolling in 4000-level courses. 0.5 course. Summer Evening.
PHYSICS

1301A - INTRODUCTORY PHYSICS I
An introductory calculus-based laboratory course in physics covering the foundational principles of kinematics, force and motion, energy, linear momentum, rotation, and angular momentum, gravitation, fluids.
Antirequisite(s): Physics 1021A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1020, Physics 1024, Physics 1026.
Prerequisite(s): Grade 12U Calculus and Vectors (MCV4U) or Mathematics 1151A/B.
3 lecture hours, 3 laboratory/tutorial hours.

1302B - INTRODUCTORY PHYSICS II
An introductory calculus-based laboratory course in physics covering the foundational principles of oscillations, waves, electric fields and potential, DC circuits, magnetic fields, magnetic induction.
Antirequisite(s): Physics 1021A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1020, Physics 1024, Physics 1026.
Prerequisite(s): one of Physics 1301A/B or Physics 1401A/B or Physics 1501A/B, or a minimum mark of 70% in Physics 1028A/B.
3 lecture hours, 3 laboratory/tutorial hours.
Note: The department recommends that students also take a concurrent course that includes Calculus. This course, together with Physics 1301A/B, is a suitable prerequisite for modules having an introductory physics requirement (including modules in the Faculty of Science, modules offered by the basic Medical Science departments, and professional schools having a physics requirement). 0.5 course. Summer Evening.

PHYSIOLOGY

2130 - HUMAN PHYSIOLOGY
A survey course outlining the principles of human/mammalian physiology: general properties of the living cell and internal environment; neural, muscle, cardiovascular, respiratory, gastrointestinal, renal and endocrine system; metabolism, reproduction, and homeostasis.
Antirequisite(s): Physiology 1020, Physiology 1021, Physiology 3120.
Prerequisite(s): First-year courses in Biology and Chemistry are recommended.
2 lecture hours, 1 tutorial hour, 1.0 course. Distance.

PHYSIOLOGY AND PHARMACOLOGY

4980E - SEMINAR AND RESEARCH PROJECT
A major laboratory project in Physiology or Pharmacology, which emphasizes experimental design, instrumentation, collection and analysis of data and communication of experimental results by oral, poster and written presentations. Students will select the physiology or pharmacology project from a list provided by the department and be matched to a supervisor.
Antirequisite(s): the former Pharmacology 4908E, the former Physiology 4980E.
Prerequisite(s): Physiology and Pharmacology 3000E or the former Pharmacology 35802 or the former Physiology 31302; Physiology 3120 and 31240A; and registration in Year 4 of one of the following Honors Specialization modules: Pharmacology, Physiology or Pharmacology and Physiology. Minimum 15 laboratory hours, per week plus 2 seminar hours in alternate weeks, 1.0 course. Summer Day.

POLITICAL SCIENCE

1020E - INTRODUCTION TO POLITICAL SCIENCE
An introduction to the study of politics. The course focuses on ideas (including politics, power, democracy, justice, freedom), ideologies (including liberalism, conservatism, socialism, feminism), institutions (including the nation-state, constitutions, legislatures, executives, the judiciary), political
mobilization (participation, elections, parties, interest groups), and research skills, emphasizing Canadian, comparative, and international examples.
3 lecture hours. 1.0 course. Distance.

2219E - THE POLITICS OF HUMAN RIGHTS
A lecture course on the political dimensions of human rights. The course begins by examining the meaning and interpretations of human rights, and then discusses the application of the human rights discourse in real-world situations both within states and at the international level.
Antirequisite(s): Political Science 3388E.
Prerequisite(s): Political Science 1020E.
3 lecture hours. 1.0 course. Intersession.

2230E - CANADIAN GOVERNMENT AND POLITICS
An examination of selected problems in Canadian government and politics, such as federalism, political parties and pressure groups.
Antirequisite(s): Political Science 2103A/B, Political Science 2130, Political Science 2133A/B.
Prerequisite(s): Political Science 1020E.
3 hours. 1.0 course. Distance.

2231E - INTERNATIONAL RELATIONS
This course surveys contemporary world politics and examines contending theories used by scholars and policymakers to make sense of international affairs. It also provides the conceptual tools and theories to interpret the international system.
Antirequisite(s): At Main campus: Political Science 2131.
Antirequisite(s): At Brescia, Huron, King’s campus: International Relations 2701E, Political Science 2131.
Prerequisite(s): Political Science 1020E.
3 hours. 1.0 course. Distance.

2237E - INTRODUCTION TO POLITICAL THEORY
An examination of central themes and issues in the history of political thought from ancient to modern times.
Antirequisite(s): Philosophy 2800F/G, Political Science 2801F/G, Political Science 2802E.
Prerequisite(s): Political Science 1020E.
3 hours. 1.0 course. Distance.

2246E - PUBLIC ADMINISTRATION AND POLICY
This course explores many of the inner workings of government. Students will be introduced to selected research and issues in public administration and public policy in the context of Canada’s federal system. Topics include the politics-administration interface, intergovernmental relations, representative bureaucracy, the policy process, and citizen engagement, among others.
Antirequisite(s): Political Science 2146, Political Science 2218F/G.
3 lecture hours. 1.0 course. Distance.

2270E - WOMEN AND POLITICS
This course focuses on how women participate and effect political change. It examines women’s subordination and the wide-range of emancipatory struggles women have undertaken to achieve equality.
Antirequisite(s): Political Science 2255F/G, Political Science 3207F/G.
Prerequisite(s): Political Science 1020E or Women’s Studies 1020E or registration in Honors Specialization or Major modules in Social Justice and Peace Studies.
3 hours. 1.0 course. Summer Day.

3303F - INTRODUCTION TO CANADIAN LAW
This course addresses the evolution and current state of the Canadian legal system with an emphasis on the Canadian constitution, criminal code and administrative law. Emphasis will be placed on the relationship between different levels of governments, governments and citizens, and legal relationships to make citizens.
Prerequisite(s): 1.0 credit at the 1000 level from Political Science, Sociology, Economics, or Social Justice and Peace Studies, or permission of the department.
2 hours. 0.5 course. Distance.

3324F - INTRODUCTION TO RESEARCH METHODS IN POLITICAL SCIENCE
This course introduces students to a range of methodological approaches to questions in political science. Students will become familiar with qualitative and quantitative data sources and ways of using each to address political issues.
Antirequisite(s) at Main campus: Health Sciences 2801A/B, Psychology 2800E, 2820E, and Sociology 2206A/B.
Antirequisite(s) at Huron, King’s campus: Health Sciences 2801A/B, Psychology 2800E, Psychology 2820E, Psychology 2830A/B, and Sociology 2206A/B.
Prerequisite(s): 3rd or 4th year of Political Science, International Relations or a BMOIS Public Administration module.
2 lecture hours. 0.5 course. Distance.

3366E - INTERNATIONAL CONFLICT MANAGEMENT
An examination of theories and strategies of international conflict and conflict management, including the causes of war, arms control, and various methods of reducing or eliminating conflict.
Prerequisite(s): Political Science 223E or Political Science 2245E or International Relations 2702E, or the former International Relations 2701E.
2 hours. 1.0 course. Distance.

4931E - RESEARCH REPORT
Prerequisite(s): Political Science 4910A/B, Political Science 4920A/B, Political Science 4930A/B, Political Science 4940A/B.
1.0 course. Intersession.

PSYCHOLOGY

0030A - INTRODUCTION TO PSYCHOLOGICAL PRINCIPLES
This course introduces students to the biological bases (evolutionary, genetic, and physiologically) of behaviour. The course surveys core areas of psychology including behaviour genetics, evolutionary psychology, brain and behaviour, sensation and perception, learning, states of consciousness, motivation and emotion, and cognition.
Prerequisite(s): Registration in a Preliminary Year Program at Brescia University College.
3 hours. 0.5 course. Summer Evening.

0035B - APPLICATION OF PSYCHOLOGICAL PRINCIPLES
An introduction to the application psychology in different contexts. This course surveys core areas of psychology including development over the life span, personality, behaviour in a social context, psychological disorders and their treatment, and applications of psychology in areas such as industrial, organizational, educational, and health psychology.
Prerequisite(s): Psychology 0030A/B and registration in a Preliminary Year Program at Brescia University College.
3 hours. 0.5 course. Summer Evening.

1000 - INTRODUCTION TO PSYCHOLOGY
An introductory survey of the methods and findings of modern scientific psychology. The following topics will be covered: history and methodology, biological psychology, sensation and perception, learning, memory and motivation, verbal and cognitive processes, developmental psychology, social psychology, individual differences (intelligence and personality), and clinical psychology.
Antirequisite(s): Psychology 1000N/X, Psychology 1100E. Note for Brescia, Huron, King’s, Psychology 1000, and Psychology 1000W/X will not serve as a substitute for Psychology 1100E for entry into any psychology module at Huron, nor will it provide access to any senior psychology course at Huron that requires Psychology 1100E.
3 lecture hours. 1.0 course. Distance. Summer Evening.

2020A - DRUGS AND BEHAVIOR
Survey of the major drugs of abuse and their use in treatment. Psychological disorders including a brief section on methods of administration, drug distribution and elimination, neurotransmitters. The history and patterns of use and abuse, clincal indications, neurochemical bases for action for a variety of licit and illicit drugs.
3 lecture hours. 0.5 course. Intersession.

2030A - THE MALADJUSTED MIND
This course will survey various categories of maladjusted behavior and consider different explanatory models and treatment strategies for the control of such behavior. Theories of human adjustment and maladjustment will be reviewed.
Antirequisite(s): Psychology 2050, Psychology 2330A/B and Psychology 3310F/G.
3 lecture hours. 0.5 course. Distance.

2035A - UNDERSTANDING YOURSELF AND OTHERS
This course examines ways in which recent research findings in psychology may be applied in the individual’s life. Emphasis on psychology as an empirical science and on avenues of self-understanding and personal growth. Topics include stress, change, and coping, person perception, interpersonal communication, friendship and love, sexuality, vocational development.
Antirequisite(s): Psychology 2050.
3 lecture hours. 0.5 course. Distance.

2036A - THE PSYCHOLOGY OF PHYSICAL HEALTH AND ILLNESS
This course will cover the role of psychological factors in the prevention of illness and the maintenance of good health, and treatment of already-existing illness. Topics will include the stress/illness relationship, psychological influences on physical symptom perception and reporting, personality and health, behavioral factors in disease, coping, adherence and compliance.
Antirequisite(s): Psychology 2330A/B, Psychology 3330F/G.
3 lecture hours. 0.5 course. Distance.

2040A - CHILD DEVELOPMENT
A survey of theory and research in developmental psychology including learning, cognition, perception, personality, and social development in infancy and childhood.
Antirequisite(s): Psychology 2410A/B, Psychology 2480E and the former Psychology 204A.
3 lecture hours. 0.5 course. Distance.

2070A - SOCIAL PSYCHOLOGY
An introduction to the theories, methods, findings and problems encountered in the study of people as social beings.
Antirequisite(s): Psychology 2720A/B, Psychology 2780E.
3 lecture hours. 0.5 course. Intersession.

2075 - HUMAN SEXUALITY
A survey of the psychological study of human sexual behavior. Topics include history, methodology, theory, anatomy, physiology, attraction, sexual function, sexual orientation, contraception, conception and birth, sexual health and sexual coercion, and pornography.
3 lecture hours. 1.0 course. Distance.

2115A - INTRODUCTION TO SENSATION AND PERCEPTION
An introduction to the study of the human senses and higher order perceptual processes. Data gathered from psychophysical research and studies of the nervous system in both humans and other animals will be discussed. The course will review the mechanisms and principles of operation of vision, hearing, touch, taste and smell.
Antirequisite(s): Psychology 2015A/B.
Prerequisite(s): At least 60% in a 100 level Psychology course.
4 lecture hours. 0.5 course. Intersession.

2135A - COGNITIVE PSYCHOLOGY
An introduction to empirical, computational, and theoretical approaches to the study of human cognitive processes. The topics surveyed will include perception, attention, memory, concepts, language and problem-solving. The course will show how these diverse psychological processes are related to and influence one another.
Antirequisite(s): Psychology 2010A/B, Psychology 2180E.
Prerequisite(s): At least 60% in a 1000 level Psychology course.
4 lecture hours. 0.5 course. Distance.

2220A - INTRODUCTION TO BEHAVIOURAL AND COGNITIVE NEUROSCIENCE
Structure and function of the nervous system in relation to behaviour. The physiological basis of the major aspects of behavior in human and other animals (principally mammals) will be covered, including: sensorimotor control, sleep and waking cycles, reproduction, ingestion, aggression, learning, memory, communication and behavioral disorders. Some background in biology is desirable. This course is the normal prerequisite for Psychology 3265F/G.
Antirequisite(s): Neuroscience 2000, Psychology 2221A/B.
Prerequisite(s): At least 60% in a 1000 level Psychology course.
3 lecture hours. 0.5 course. Intersession.
2221A - INTRODUCTION TO BIOLOGICAL BASIS OF BEHAVIOUR
An introduction to the principles of evolutionary biology, genetics, and physiology in relation to behavior. This course is intended as an introduction to the biological basis of behavior for students who may have no background in biology.

Antirequisite(s): Neuroscience 2000, Psychology 2220A/B.
Prerequisite(s): At least 60% in a 1000 level Psychology course.
3 lecture hours. 0.5 course. Intersession.

2550A - INTRODUCTION TO PERSONALITY THEORY AND RESEARCH
A survey of the history, methodology and content of the study of individual differences. Topics to be covered include: evaluation of typical personality assessment methods and a consideration of modern empirical research in personality theory and assessment.

Antirequisite(s): Psychology 2350 if taken before 2016.
Prerequisite(s): At least 60% in a 1000 level Psychology course.
4 lecture hours. 0.5 course. Intersession.

2720A - INTRODUCTION TO SOCIAL PSYCHOLOGY
An introduction to the theories, findings, methods, and problems encountered in the study of people as social beings. Emphasis will be placed on experimental research, conducted both in the laboratory and in the field. Content areas include: attitudes and social cognition, social interaction and influence, group processes and applications of social psychology.

Antirequisite(s): Psychology 2070A/B, Psychology 2712F/G, Psychology 2780E.
Prerequisite(s): At least 60% in a 1000 level Psychology course.
2 lecture hours, 2 tutorial hours (Main). 3 lecture hours (Brescia, King’s). 0.5 course. Distance.

2820E - RESEARCH METHODS AND STATISTICAL ANALYSIS IN PSYCHOLOGY
An introduction to the design, conduct, and statistical analyses of psychological research. The intent is to provide students with knowledge of how to implement and evaluate research in both laboratory and applied settings. Design and statistical analysis will be taught through a variety of studies and data sets from correlational, quasi-experimental and qualitative research. Written research projects will be required.

Prerequisite(s): At least 60% in 1000 level Psychology course.
3 lecture hours. 0.5 course. Distance.

3130A - PSYCHOLOGY OF THINKING
Theoretical and empirical studies on problem solving, reasoning, concept formation, thinking and cross-cultural variations in thinking processes.

Antirequisite(s): Psychology 2820E or both Psychology 2800E and Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B, Psychology 2135A/B.
3 lecture/discussion hours. 0.5 course. Distance.

3227A - NEUROPSYCHOLOGY: BRAIN INJURY DIAGNOSIS, TREATMENT & RECOVERY
This course will discuss: 1) Common forms of brain injury, 2) Basic neuroanatomy, 3) Various methods of diagnosing brain injuries, including neurocognitive assessments and neuromaging techniques, 4) Historical and current treatments of the more common forms of brain injury, and 5) Treatment outcomes.

Antirequisite(s): Psychology 2324A/B.
Prerequisite(s): Psychology 2220A/B or Psychology 2221A/B and registration in third or fourth year of the Honors Specialization or Major in Psychology modules, or permission of the department.
3 lecture hours. 0.5 course. Summer Day.

3228A - EVOLUTION AND PSYCHOLOGY: THE SCIENCE OF HUMAN NATURE
A survey of evolutionary approaches to the study of human behavior, including evolutionary psychology.

Antirequisite(s): Psychology 3229A/B.
Prerequisite(s): Psychology 1000 or Biology 1001A with a minimum grade of 60% and registration in third or fourth year.
3 lecture/discussion hours. 0.5 course. Distance.

3800F - PSYCHOLOGICAL STATISTICS USING COMPUTERS
This course covers most statistical procedures used in psychological research, and the use and interpretation of SPSS for Windows. Topics covered include the t-test, various forms of analysis of variance, chi-square, discriminant and multiple regression and correlation, factor analysis, multivariate analysis of variance, and Monte Carlo methods.

Antirequisite(s): Psychology 3830F/G.
Prerequisite(s): Psychology 2810, plus registration in third or fourth year Honors Specialization in Psychology or Honors Specialization in Developmental Cognitive Neuroscience, or Honors Specialization in Animal Behaviour. Psychology Majors and Psychology Special Students who earn 70% or higher in Psychology 2820E or 60% or higher in Psychology 2810 may enroll in this course.
2 lecture hours, 2 laboratory hours (Main); 2 lecture hours, 1 laboratory hour (Brescia).
0.5 course. Intersession.

RELIGIOUS STUDIES

2130 - LIVING RELIGIONS
A study of the history, faith, and practices of the major living religious traditions - selected from Hinduism, Judaism, Buddhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Islam, Judaism, and Christianity.
2 hours 1.0 course. Intersession.

2216F - WOMEN AND THE BIBLE
This course addresses "Women and the Bible" in a threefold manner: it examines the portrayal of women and female imagery in the Hebrew and Christian scriptures; considers some of the ways that the Bible has been used historically to define the roles of women; and surveys contemporary reinterpretations of biblical stories by theologians, artists and authors.
Prerequisite(s): A 1020 level Religious Studies Course, or Women's Studies 1020E, or permission of the Department.
3 hours. 0.5 course. Intersession.

SOCIAL WORK

1021A - INTRODUCTION TO SOCIAL WELFARE
An introductory course on Canada’s social welfare system. Emphasis is on pursuing a critical analysis of Canada’s existing social welfare programs and institutions. Attention is given to the history of society’s response to meeting human needs, to varying theoretical perspectives and motivations for forming the social welfare system in Canada. Required for admission to the Social Work program.
Antirequisite(s): The former Social Work 1020.
3 lecture hours. 0.5 course. Intersession.

1022A - INTRODUCTION TO SOCIAL WORK
An introductory course addressing key concepts and contemporary issues in professional social work practice in Canada. The ethical underpinnings of the profession along with micro, mezzo and macro levels of intervention will be discussed and an emphasis placed on their application to diverse populations of practice in the Canadian setting. Required for admission to the Social Work program.
Antirequisite(s): The former Social Work 1020.
3 lecture hours. 0.5 course. Distance.

2214A - INTRODUCTION TO GENERALIST SOCIAL WORK PRACTICE
A conceptual, theoretical and applied examination of the generalist model of social work practice informed by ethics and framed within an anti-oppressive context. Students will also be introduced to the emotional, intellectual and personal characteristics required to be effective in pursuing a social work career. Required for admission to the Social Work program.
Antirequisite(s): The former Social Work 2204.
Prerequisite(s): Social Work 1021A/B and Social Work 1022A/B, or the former Social Work 2020, or permission of the School.
3 lecture hours. 0.5 course. Intersession.

2215B - INTRODUCTION TO SOCIAL WORK PRACTICE THEORIES AND SKILLS
Students are introduced to a number of contemporary theories that underlie the practice of social work. A communications laboratory offers a small group experiential means of learning foundational communication and
SOCIOTHERAPY 0010A - UNDERSTANDING SOCIETY: SOCIAL LIFE AND SOCIAL INEQUALITY
This course considers how social forces impact people’s everyday lives. Topics include sociological theory, research methods, culture, socialization, crime and deviance, social interaction, social structure, groups, social class, race, gender, and sexual orientation.
Antirequisite(s): Sociology 0012.
For students registered in the Preliminary Year program only. 0.5 course. Intersession.

1020 - INTRODUCTION TO SOCIOLOGY
An examination of the major theoretical perspectives in the field of Sociology, methods of empirical investigation of social phenomena, socialization, group structure, principles of social organization, community structure, population and social change.
Antirequisite(s) at Main campus: Sociology 1021E.
Antirequisite(s) at Brescia, Huron, King’s: Sociology 1020W/X, 1021E.
2 lecture hours, 1 tutorial hour, 1.0 course. Summer Evening. Intersession.

1021E - INTRODUCTION TO SOCIOLOGY
This course will cover the same material as Sociology 1020, but will also provide students with the opportunity to enhance their essay-writing skills while pursuing a project or projects involving sociological analysis.
Antirequisite(s) at Main campus: Sociology 1020.
Antirequisite(s) at Brescia, Huron, King’s: Sociology 1020, Sociology 1020W/X. 2 lecture hours, 1 tutorial hour, 1.0 course. Distance.

1026F - CONTROVERSIES IN SOCIOLOGY
Conceptions of ourselves and society are often based on taken-for-granted meanings. This course critically analyzes these meanings in order to discover what likely are their underlying economic, political, religious, educational and gender/sexual themes.
3 lecture hours. 0.5 course. Distance.

2340 - SOCIAL PROBLEMS
Survey of issues and theories in the study of social problems with particular attention to contemporary Canadian society.
2 lecture hours. 1.0 course. Distance.

2344A - SOCIOLOGY OF EDUCATION
A comprehensive study of educational institutions in modern society.
2 lecture hours. 0.5 course. Distance. Intersession.

2372A - ADVERTISING AND SOCIETY
The social role of advertising and public relations in society. Special emphasis is given to advertising content, the mechanisms of persuasion, and controversies over advertising effects on human behavior and socialization.
2 lecture hours. 0.5 course. Intersession.

2205A/B - STATISTICS FOR SOCIOLOGY
An introduction to the techniques of statistical analysis used by sociologists, including descriptive statistics, the normal curve, hypothesis testing and various measures of association.
Antirequisite(s): Biology 2244A/B, Economics 2212A/B, Geography 2210A/B, Health Sciences 3801A/B, M0S 2242A/B, Psychology 2810, Psychology 2820E, Psychology 2830A/B, Psychology 2850A/B.

2206A/B - AN INTRODUCTION TO CRIMINOLOGY
The sociological aspects of crime in Canada. The measurement patterns, causes and social explanations of criminal behavior will be examined.
Prerequisite(s): 1.0 from Sociology courses at the 1000 level. 3 lecture hours. 0.5 course. Summer Evening.

2266A/B - AN INTRODUCTION TO CRIMINOLOGY
The sociological aspects of crime in Canada. The measurement patterns, causes and social explanations of criminal behavior will be examined.
Prerequisite(s): 1.0 from Sociology courses at the 1000 level. 3 lecture hours. 0.5 course. Distance.

3363F - SOCIOLOGY OF TERRORISM
A sociological examination of the construction, causes, manifestations, and consequences of terrorism. This course explores the discursive construction of “terrorism” from dominant and subaltern perspectives; analyzes the causes and manifestations of terrorist actions; and engages in a comparison of the impact of responses to terrorism by the US and Canada.
Prerequisite(s): 1.0 from Sociology courses at the 1000 level and third or fourth year standing in a Sociology or Criminology module.
3 hours. 0.5 course. Summer Evening.

3379F - CRIME, PUNISHMENT, AND POPULAR CULTURE
This course critically examines how crime and punishment are represented in film, television, music, books, and other forms of popular culture. We investigate how these depictions shape – and reflect – our understandings of crime and impact criminal justice policy.
Prerequisite(s): 1.0 from Sociology courses at the 1000 level and Sociology 2266A/B. 3 hours. 0.5 course. Intersession.

SPEECH
2001 - THE MAJOR FORMS OF ORAL DISCOURSE
For effective communication of ideas: Public Address, with basic purposes; Group Discussion; Debate; Voice and Diction; Interpretative Reading. 3 hours. 1.0 course. Intersession.

STATISTICAL SCIENCES

1024A - INTRODUCTION TO STATISTICS
Statistical inference, experimental design, sampling design, confidence intervals and hypothesis tests for means and proportions, regression and correlation.
Antirequisite(s): All other courses or half courses in Introductory Statistics, except Statistical Sciences 1023A/B and Statistical Sciences 2037A/B.
Prerequisite(s): Grade 12U Mathematics or Mathematics 0110A/B or Mathematics 1299A/B. Offered in two formats: 3 lecture hours, or weekly online lectures and in-class lab hours (Main): 3 lecture hours (Huron, King’s), 0.5 course. Distance.

2035 - STATISTICS FOR BUSINESS AND SOCIAL SCIENCES
Descriptive statistics and graphs, probability and distributions. Sampling, hypothesis testing, and confidence intervals. Experimental design and analysis of variance. Regression and correlation, including multiple regression. Applications emphasized. This course cannot be taken for credit in any module in Statistics, Actuarial Science, or Financial Modelling.

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COURSE DESCRIPTIONS  
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3360A - PRACTICUM IN THANATOLOGY
Students will be exposed to various care providers in the community that work with individuals and families facing death and experiencing grief after a loss. Focus will be on integration of theoretical knowledge with clinical application. Students with a clinical focus and background will be given priority.
Prerequisite(s): Thanatology 2200, Thanatology 2230A/B, Thanatology 2313A/B.
Class meets for 8 hours each Monday for the first seven weeks of term. Practicum is 45 additional hours in placement setting. 0.5 course. Summer Evening.

THEATER STUDIES

3206G - SHAKESPEARE AND PERFORMANCE
An historical, theoretical, and analytical introduction to Shakespeare's plays in performance. This course focuses on specific problems related to past productions and to those in the current Stratford Festival season. Class meets for three hours a day, five afternoons a week, and includes attendance at Shakespearean productions. Summer Day only.
Prerequisite(s): the former English 2042F/G. 0.5 course. Summer Day.

3207G - VOICE AND TEXT IN THE THEATRE
A workshop in which students will experience, with simple, practical exercises, the ways in which Festival actors develop and maintain their voices and explore various aspects of the text they are performing. The class meets for three hours, four mornings a week. Taught by Stratford Festival staff. Summer Day only.
Prerequisite(s): the former English 2043F/G.
Corequisite(s): Theatre Studies 2306F/G. 0.5 course. Summer Day.

WOMEN'S STUDIES

1023F - GAY LIFE AND CULTURE IN THE 21ST CENTURY: BEYOND ADAM AND STEVE
Judging by the media, you would think the only issue in gay life today is same-sex marriage. This course will examine many of the other issues affecting gay men, such as sexual politics and practices, body image, health, consumer culture, social media, television and film, and intersections with race and class.
3 hours. 0.5 course. Distance.

2203F - FUTURE SEX: SEX AND SCIENCE FICTION
Beginning with cutting edge contemporary practices, from sex reassignment surgery to virtual reality, this course will look at the ways in which we imagine the future of gender and sexuality. The focus will be primarily on science fiction texts that provide interesting alternatives to present-day ideas about sex and sexuality.
3 hours. 0.5 course. Distance.

2244 - WOMEN AND HEALTH
This course provides an overview of historical, social, economic, political and biological influences on women’s health. Using a feminist perspective, both experiential and theoretically based knowledge will be explored through the processes of critical reflection.
Prerequisite(s): The former Women’s Studies 2154. 3 hours. 1.0 course. Distance.

4455E - HONORS THESIS IN WOMEN’S STUDIES
Individual instruction in the selection of a topic, the preparation of materials, and the writing of a thesis in Women’s Studies.
Prerequisite(s): Women’s Studies 2220E or permission of the Department. Restricted to fourth-year Honors Women’s Studies students.
3 hours. Limited enrollment. 1.0 course. Intersession.

4459F - SPECIAL TOPICS IN WOMEN’S STUDIES
Topics of current interest in Women’s Studies. Consult the Department of Women’s Studies and Feminist Research for current offerings.
Prerequisite(s): Women’s Studies 2220E, or permission of the Department.
3 hours. 0.5 course. Intersession.