

# COURSES (SOME COURSES MAY NOT BE OFFERED, SEE TIMETABLE POSTED IN JUNE FOR DETAILS)

## ACTUARIAL SCIENCES

### 1021A/B - INTRODUCTION TO FINANCIAL SECURITY SYSTEMS

The nature and cause of financial security and insecurity; public, private and employer programs and products to reduce financial insecurity, including social security, individual insurance and annuities along with employee pensions and benefits.

**Antirequisite(s):** The former Actuarial Science 2421A/B.

3 lecture hours. 0.5 course (Main)

## AMERICAN STUDIES

### 1020 - AN INTRODUCTION TO AMERICAN STUDIES

This course introduces students to the interdisciplinary study of the history, culture, and politics of the United States. It stresses how the national idea of America has evolved, and how artists, labourers, immigrants, Indigenous peoples, and others, have grappled with the conflicting definition of what it means to be "American."

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

## ANTHROPOLOGY

### 1020 - MANY WAYS OF BEING HUMAN

An introduction to anthropology (the study of human beings, past and present) co-taught by specialists in biological anthropology, archaeology, linguistic anthropology, and sociocultural anthropology. Students will explore anthropological approaches to and findings concerning: human evolution; variation and adaptation; diverse forms of social, political, and economic organization; culture; ritual; language; communication; identity; gender; health; social inequality; and globalization.

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

Note: Students interested in earning essay course credit are encouraged to take Anthropology 1025F/G and Anthropology 1026F/G instead of Anthropology 1020.

### 1025F/G - INTRODUCTION TO SOCIOCULTURAL ANTHROPOLOGY

An introduction to the basic concepts used in the anthropological study of non-Western social and cultural institutions that focuses on the unity and diversity of human experience. Topics include: kinship, economics, politics, religion, and the present-day conditions of indigenous societies. The ethnography of various peoples is discussed.

**Antirequisite(s) at Main:** Anthropology 1020.

3 lecture hours. 0.5 course (Brescia, Main)

### 1026F/G - INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY AND ARCHAEOLOGY

An introduction to aspects of biological anthropology and archaeology which help us to understand the place of humankind in nature. Topics to be covered include heredity, human evolution and variability, archaeological method, the development of culture, the domestication of plants and animals, and the rise of civilization and the state.

**Antirequisite(s) at Main:** Anthropology 1020.

3 lecture hours. 0.5 course (Brescia, Main)

### 1027A/B - INTRODUCTION TO LINGUISTICS

Introduction to basic concepts and methods of modern linguistics. Topics include articulatory and acoustic phonetics, phonology, morphology, syntax and semantics. This course is a prerequisite for subsequent linguistics courses

in the Department of Anthropology and/or the Linguistics program.

**Antirequisite(s):** Linguistics 2288A/B.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

## 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.

**Antirequisite(s):** Calculus 1000A/B, Calculus 1100A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1225A/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 1501A/B. Restricted to students in the Faculty of Engineering. 1.0 course (Main)

### 1201A/B - CALCULUS AND PROBABILITY WITH BIOLOGICAL APPLICATIONS

Applications of integration, integration using mathematical software packages. Scaling and allometry. Basic probability theory. Fundamentals of linear algebra: vectors, matrices, matrix algebra. Difference and differential equations. Each topic will be illustrated by examples and applications from the biological sciences, such as population growth, predator-prey dynamics, age-structured populations.

**Antirequisite(s):** The former Calculus 1201A/B.

**Prerequisite(s):** One or more of Calculus 1000A/B, Calculus 1100A/B, Calculus 1500A/B or Mathematics 1225A/B.

3 lecture hours, 1 tutorial hour. 0.5 course (Main)

### 1411A/B - LINEAR ALGEBRA WITH NUMERICAL ANALYSIS FOR ENGINEERING

Matrix operations, systems of linear equations, linear spaces and transformations, determinants, eigenvalues and eigenvectors, applications of interest to Engineers including diagonalization of matrices, quadratic forms, orthogonal transformations; introduction to MATLAB with applications from linear algebra.

**Antirequisite(s):** Mathematics 1600A/B.

**Prerequisite(s):** Ontario Secondary School MHF4U or MCV4U, or Mathematics 0110A/B.

3 lecture hours, 2 computer lab or tutorial hours. Restricted to students in the Faculty of Engineering. 0.5 course (Main)

### 1999F/G - INTRODUCTION TO EXPERIMENTAL MATHEMATICS

Behind the polished presentations of most mathematical results there often lie dramatically powerful experimental methods. Modern computational tools have vastly increased the effectiveness of this approach. This course provides tools and opportunities for experiment and the discovery of new mathematics. The best projects from this course will be published.

**Corequisite(s):** Calculus 1000A/B or Calculus 1500A/B or Applied Mathematics 1413.

2 lecture hours, 2 computer lab hours. 0.5 course (Main)

## ARABIC

### 1070A/B - QURANIC ARABIC FOR BEGINNERS

An introduction to Quranic Arabic for beginners with no previous knowledge of the Arabic language. Learn the script of the Qur'an, acquire core vocabulary necessary to understand short Quranic chapters, and dive into basic grammar of classical Arabic.

**Antirequisite(s):** Those with any Arabic language background must see Instructor to determine eligibility for course.

3 hours; 0.5 course. (Huron)

### 1030 - ARABIC FOR BEGINNERS

For students with no previous knowledge of Arabic, this course introduces spoken and written Modern Standard Arabic with emphasis on the development of communicative skills. Prepares students for progression directly to Arabic 2250.

**Antirequisite(s):** Grade 12U Arabic and Arabic 1035.

4 hours. 1.0 course (Huron, Main)

### 1035 - BEGINNER ARABIC FOR HERITAGE SPEAKERS

For students with some background in Arabic (heritage speakers), this course develops communicative skills and the ability to use Modern Standard Arabic. Prepares students for progression into Arabic 2250. Students are enrolled on the basis of a placement test.

**Antirequisite(s):** Grade 12U Arabic and Arabic 1030.

4 hours. 1.0 course (Main)

## ARTS AND HUMANITIES

### 1020E - INTRODUCTION TO THE ARTS AND HUMANITIES

A combined historical and thematic survey of select fields that comprise the Humanities and the various approaches and methods they employ in furthering our understanding of the human experience. The various forms of communication used in the arts will also be examined.

**Prerequisite(s):** Admission to the School for Advanced Studies in Arts and Humanities  
3 lecture hours. 1.0 course (Main)

## ASTRONOMY

### 1021 - GENERAL ASTRONOMY

A general survey of astronomy including: the solar system and its constituents; stars, their basic properties and evolution; systems of stars including clusters, the milky way and other galaxies; the universe, its past, present and future structure; astronomical instruments; topics of current interest including pulsars, quasars, black holes.

**Antirequisite(s):** Astronomy 1011A/B.

3 lecture hours. 1.0 course (Main)

### 1011A/B - ESSENTIALS OF MODERN ASTRONOMY

An overview of modern astronomical topics including the formation, structure, and evolution of stars, planetary and stellar systems, galaxies, and the Universe.

**Antirequisite(s):** Astronomy 1021.

The equivalent of 3 lecture hours per week. Offered only online (see Western Distance Studies). 0.5 course (Main)

**BIOLOGY****0010 - BIOLOGICAL SYSTEMS**

In-depth study of the concepts and processes in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed the development of skills and knowledge needed for further study Biology and related fields.

**Antirequisite(s):** Grade 12U Biology or any university level Biology course.

**Prerequisite(s):** High School Biology (Grade 11 Advanced Level or equivalent) and registration in the Preliminary Year program at Brescia University College.

2 lecture hours, 3 laboratory/tutorial hours. 1.0 course (Brescia)

**1225 - AN INTRODUCTION TO THE BIOLOGY OF ORGANISMS**

A study of the whole organism with emphasis on organization, growth, development, integration, reproduction and heredity.

**Antirequisite(s):** Biology 1001A, 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.

Offered only by Distance Studies. 1.0 course (Main)

**1001A - BIOLOGY FOR SCIENCE I**

The principles of biology taught using an integrative, question-based approach. Topics include inheritance, evolution and ecology. This course is intended for students registered in the Faculty of Science.

**Antirequisite(s):** Biology 1201A, Biology 1225.

**Prerequisite(s):** Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department. A minimum mark of 80% in Grade 12U Biology (SB14U) is recommended for students registered in a faculty other than the Faculty of Science.

2 lecture hours, 3 laboratory/tutorial hours.

Note: The combination of Biology 1001A and Biology 1002B (with appropriate marks) are the prerequisites for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science Departments. 0.5 course (Main)

**1002B - BIOLOGY FOR SCIENCE II**

The principles of biology taught using an integrative, question-based approach. This course is primarily intended for students enrolled in the Faculty of Science. Topics include enzyme structure/function, membrane structure/function, bioenergetics, photosynthesis, respiration, molecular genetics.

**Antirequisite(s):** Biology 1202B, Biology 1225.

**Prerequisite(s):** Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department. A minimum mark of 80% in Grade 12U Biology (SB14U) is recommended for students registered in a faculty other than the Faculty of Science.

2 lecture hours, 3 laboratory/tutorial hours.

Note: The combination of Biology 1001A and Biology 1002B (with appropriate marks) are the prerequisites for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments. 0.5 course (Main)

**1201A - GENERAL BIOLOGY I**

This course provides an understanding of fundamental biological concepts with emphasis on function in and relevance to humans.

Topics include inheritance, evolution, ecology, behaviour, ecosystem health. This course is not available to students enrolled in the Faculty of Science (students registered in the Faculty of Science should select Biology 1001A).

**Antirequisite(s):** Biology 1001A, Biology 1225.

**Prerequisite(s):** Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department.

2 lecture hours, 3 laboratory/tutorial hours.

Note: The combination of Biology 1201A and Biology 1202B (with the appropriate marks) can be a prerequisite for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments. 0.5 course (Main)

**1202B - GENERAL BIOLOGY II**

This course provides an understanding of fundamental biological concepts with emphasis on function in and relevance to humans.

Topics include molecular genetics, physiology, bioenergetics. This course is not available to students enrolled in the Faculty of Science (students registered in the Faculty of Science should select Biology 1002B).

**Antirequisite(s):** Biology 1002B, Biology 1225.

**Prerequisite(s):** Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department.

2 lecture hours, 3 laboratory/tutorial hours.

Note: The combination of Biology 1201A and Biology 1202B (with appropriate marks) can be a prerequisite for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments. 0.5 course (Main)

**1229A/B - BIOLOGY: THE SECRETS OF LIFE**

This course will provide a broad background of the history and main areas of biology, before embarking on a series of case studies and guest lectures including life in extreme environments, Antarctica, invasive species and extinctions.

**Antirequisite(s):** Biology 1001A, Biology 1002B, Biology 1201A, Biology 1202B.

3 lecture hours. 0.5 course (Main)

**1290B - BIOLOGY AND MICROORGANISMS**

The fundamental principles of biology with emphasis on cell function and the role of microorganisms in public health, sanitation, food, and nutrition. Restricted to Food and Nutrition modules or by permission of the Department of Biology.

**Prerequisite(s):** Grade 12U (SB14U) Biology.

2 lecture hours, 1 tutorial hour. Note: May not be taken for credit by students registered in any modules offered by either the Faculty of Science or the Schulich School of Medicine & Dentistry. 0.5 course (Main)

**BUSINESS ADMINISTRATION****1220E - INTRODUCTION TO BUSINESS**

Business 1220E, offered by the Ivey Business School, gives students from all faculties the opportunity to learn business fundamentals in finance, marketing, operations, organizational behavior and general management. The course is delivered using Ivey's renowned case method, which challenges students to learn by doing, within an active class environment of no more than 85 students. Students explore real business issues, make management decisions, defend their position, and take action. This course will

be particularly appealing to those students who want a glimpse of Ivey's unique learning experience.

**Antirequisite(s):** Business Administration 1299E, Business Administration 2295F/G, Business Administration 2299E, the former Business Administration 1220, the former Business Administration 2299.

3 lecture hours. 1.0 course (Brescia, Huron, King's, Main)

**1299E - BUSINESS FOR ENGINEERS**

Students learn business fundamentals in finance, marketing, engineering economics, organizational behaviour and general management. Students are taught business decisionmaking using the case method, wherein students explore real business issues, make management decisions, defend their position, and take action, within an active class environment of no more than 85 students.

**Antirequisite(s):** Business Administration 1220E or the former Business Administration 1220, Business Administration 2295F/G, Business Administration 2299E or the former Business Administration 2299.

3 hours. 1.0 course (Main)

**CALCULUS****1000A/B - CALCULUS I**

Review of limits and derivatives of exponential, logarithmic and rational functions. Trigonometric functions and their inverses. The derivatives of the trig functions and their inverses. L'Hospital's rules. The definite integral. Fundamental theorem of Calculus. Simple substitution. Applications including areas of regions and volumes of solids of revolution.

**Antirequisite(s):** Calculus 1500A/B, the former Calculus 1100A/B, Applied Mathematics 1413.

**Prerequisite(s):** Ontario Secondary School MCV4U or Mathematics 0110A/B.

4 lecture hours. 0.5 course (Brescia, Huron, King's, Main)

**1301A/B - CALCULUS II**

For students requiring the equivalent of a full course in calculus at a less rigorous level than Calculus 1501A/B. Integration by parts, partial fractions, integral tables, geometric series, harmonic series, Taylor series with applications, arc length of parametric and polar curves, first order linear and separable differential equations with applications.

**Antirequisite(s):** Calculus 1501A/B, Applied Mathematics 1413.

**Prerequisite(s):** A final mark of at least 55% in either Calculus 1000A/B or Calculus 1500A/B or the former Calculus Calculus 1100A/B.

4 lecture hours. 0.5 course (Brescia, King's, Main)

**1500A/B - CALCULUS I FOR THE MATHEMATICAL SCIENCES**

An enriched version of Calculus 1000A/B. Basic set theory and an introduction to mathematical rigour. The precise definition of limit. Derivatives of exponential, logarithmic, rational trigonometric functions. L'Hospital's rule. The definite integral. Fundamental theorem of Calculus. Integration by substitution. Applications.

**Antirequisite(s):** Calculus 1000A/B, the former Calculus 1100A/B, Applied Mathematics 1413.

**Prerequisite(s):** Ontario Secondary School MCV4U or Mathematics 0110A/B.

4 lecture hours. 0.5 course (Main)

### 1501A/B - CALCULUS II FOR MATHEMATICAL AND PHYSICAL SCIENCES

Students who intend to pursue a degree in Actuarial Science, Applied Mathematics, Astronomy, Mathematics, Physics, or Statistics should take this course. Techniques of integration; The Mean Value Theorem and its consequences; series, Taylor series with applications; parametric and polar curves with applications; first order linear and separable differential equations with applications.

**Antirequisite(s):** Calculus 1301A/B, Applied Mathematics 1413.

**Prerequisite(s):** A minimum mark of 60% in one of Calculus 1000A/B or 1500A/B or the former Calculus 1100A/B

4 lecture hours. 0.5 course (Brescia, King's, Main)

### CENTRE FOR GLOBAL STUDIES 1000E - INTRODUCTION TO GLOBAL STUDIES

An interdisciplinary course designed to introduce the student to the scope and method of global studies. The course focuses on the diversity of an increasingly interdependent world. Topics of trans-national significance which highlight contrasts and similarities among the world's societies and cultures will be considered.

3 hours. 1.0 course (Huron)

### 1021F/G - INTRODUCTION TO GLOBAL CULTURE

This course explores how studies of our world are shaped by practices of and cultural contestations in mapping, narration, definition, classification, and aesthetic production, informed by historical experiences and politics of knowing. Students learn to gain critical perspectives on contemporary ideas of the world and their own locations in it.

**Antirequisite(s):** Centre for Global Studies 1000E.

3 hours. 0.5 course (Huron)

### 1022F/G - INTRODUCTION TO GLOBALIZATION

This course offers an interdisciplinary introduction to the dominant material and cultural trends under the conditions of economic globalization. Key topics are labour in the global economy, the globalization of the capitalist mode of production, transnational resource flows, responses to inequality and resistance.

**Antirequisite(s):** Centre for Global Studies 1000E.

3 hours. 0.5 course (Huron)

### 1023F/G - INTRODUCTION TO GLOBAL DEVELOPMENT

This course is an introduction to the interdisciplinary field of international development studies with the focus on investigating the notion of 'poverty'. It will examine the roles of development organizations, states and civil society in addressing globally identified development issues through the negotiation of global development agendas.

**Antirequisite(s):** Centre for Global Studies 1000E, Centre for Global Studies 2001F/G.

3 hours. 0.5 course (Huron)

## CHEMISTRY

### 0010 - INTRODUCTORY CHEMISTRY

This course is equivalent to Grade 12U Chemistry, studying the nature of scientific activity and the explanation of chemical reactions, modern atomic theory and molecular

structure. This course is open only to students in the Preliminary Year.

**Antirequisite(s):** Grade 12U Chemistry.

**Prerequisite(s):** High school Chemistry at the advanced level.

2 lecture hours, 3 laboratory/tutorial hours. 1.0 course (Brescia)

### 1027A/B - EVERYWHERE AND EVERYTHING

This course provides the background knowledge required to make informed decisions about how chemistry is presented to the public through various media. Topics will include environmental concerns, forensic chemistry, sources of energy, the chemistry of drugs.

No chemistry background required; intended primarily for students from Faculties other than Science.

**Antirequisite(s):** Chemistry 1301A/B, Chemistry 1302A/B, the former Chemistry 1100A/B, Chemistry 1200B.

2 lecture hours. 0.5 course (Main)

### 1301A/B - DISCOVERING CHEMICAL STRUCTURE

An introduction to the foundational principles of chemical structure and properties, emphasizing their relevance to modern science. Topics include: atomic structure, theories of chemical bonding, structure and stereochemistry of organic molecules, and structure of coordination complexes.

**Antirequisite(s):** The former Chemistry 1024A/B, Chemistry 1100A/B.

**Prerequisite(s):** Grade 12U Chemistry (SCH4U) or equivalent.

3 lecture hours, 1.5 laboratory hours (3 hours every other week). 0.5 course (Main)

### 1302A/B - DISCOVERING CHEMICAL ENERGETICS

An examination of how the fundamentals of energetics influence chemical processes.

Topics include: gases, thermodynamics and thermochemistry, chemical equilibria, solubility, weak acids and bases, electrochemistry, and chemical kinetics.

**Antirequisite(s):** The former Chemistry 1024A/B, Chemistry 1200B.

**Prerequisite(s):** Grade 12U Chemistry (SCH4U) or equivalent. Grade 12U Advanced Functions (MHF4U) or Calculus & Vectors (MCV4U), or Mathematics 0110A/B or 0105A/B, is strongly recommended.

3 lecture hours, 1.5 laboratory hours (3 hours every other week). 0.5 course (Main)

## CHILDHOOD & SOCIAL INSTITUTIONS

### 1025F/G - CHILDHOOD AND SOCIAL INSTITUTIONS

An overview of the study of childhood in contemporary humanistic and social scientific disciplines. The course focuses on the concept of childhood as it is socially, historically, and culturally constructed. Emphasis is given to understanding children's perspectives, the discursive and structural position of childhood in modern culture and social institutions.

**Antirequisite(s):** The former Childhood and Social Institutions 1020.

2 lecture hours, 1 tutorial hour. 0.5 course (King's)

## CHINESE

### 1150 - BEGINNERS' CHINESE I

An introduction to oral and written standard Chinese for students with no previous knowledge of the language and no previous

exposure to Chinese culture. Students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepares students for progression to Chinese 2250.

**Antirequisite(s):** Chinese 1151, Chinese 1152A/B, Chinese 1153A/B, Grade 12U Chinese or equivalent.

**Prerequisite(s):** Permission of the department.

4 hours. 1.0 course (Huron)

### 1151 - CHINESE I

An introduction to oral and written standard Chinese for students with no previous knowledge of the language. Students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepare students for progression to Chinese 2251.

**Antirequisite(s):** Chinese 1150, Chinese 1152A/B, Chinese 1153A/B; Grade 12U Chinese or equivalent.

**Prerequisite(s):** Permission of the department.

4 hours. 1.0 course (Huron)

### 1152A/B - CHINESE I

An introduction to oral and written standard Chinese for students with no previous knowledge of the language. In the sequence of Chinese 1152A/B and Chinese 1153A/B, students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepares students for progression to Chinese 1153A/B.

**Antirequisite(s):** Chinese 1150, Chinese 1151; Grade 12U Chinese or equivalent.

**Prerequisite(s):** Permission of the department.

4 hours. 0.5 course (Huron)

### 1153A/B - CHINESE I

An introduction to oral and written standard Chinese for students with no previous knowledge of the language. In the sequence of Chinese 1152A/B and Chinese 1153A/B, students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepares students for progression to Chinese 2251.

**Antirequisite(s):** Chinese 1150, Chinese 1151; Grade 12U Chinese or equivalent.

**Prerequisite(s):** Chinese 1152A/B or permission of the department.

4 hours. 0.5 course (Huron)

### 1650F/G - PERSPECTIVES ON CHINA

An examination of China as it emerges in the era of globalization. Contents include territory, people, society, language, science and technology, development and sustainability. Analysis of dominant and diverse realities will provide an essential basis for an appreciation of continuity and change in China. Students will learn how to access major sources of information and critically to evaluate perspectives and debates. Taught in English.

3 hours. 0.5 course (Huron)

### 1651F/G - CHINESE SYMBOLS AND ICONS

This course surveys traditional symbols and icons still prevalent in China's everyday life, ranging from "yin-yang", "dragon", "mandarin

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ducks" and "the double-happiness", to "the three stars", "Lord Guan" and "Avalokitesvara" (Guanyin). Treating these symbols and icons as image-signifiers, the course illustrates the socio-historical contexts that have shaped major symbolism in China. Students will gain a basic understanding of Chinese culture and develop skills in critical examination of cultural phenomena. Taught in English.  
3 hours. 0.5 course (Huron)

### CLASSICAL STUDIES

#### 1000 - CLASSICAL CIVILIZATION

An introduction to the ancient world, with emphasis on the cultural and social life and achievements of Greece and Rome. Among the topics to be considered are: magic, religion, philosophy, literature, archaeology, architecture, art, the structure of society and the position of women, slavery, everyday life, law, sport, warfare, medicine.

3 lecture hours. 1.0 course (Main)

### COMPARATIVE LITERATURE & CULTURE

#### 1010 - FROM EAST TO WEST AND NORTH TO SOUTH

Explore the roots of today's global world through a selection of writers, artists, and works that have shaped, challenged, and connected civilizations, past and present. Study cross-cultural patterns and exchanges while on a journey of discovery that will take you from Europe to Asia, from Africa to the Americas.

**Antirequisite(s):** World Literatures and Cultures 1030, Comparative Literature and Culture 1050E.  
3 lecture hours, 1.0 course. (Main)

#### 1040 - FIRST YEAR SEMINAR: IDEAS AND APPS THAT CHANGED THE WORLD

Explore ideas that have revolutionized our cultures. Discover their origins and applications in our public and private lives. Working alongside your peers, refine your critical understanding of words such concepts as platonic love, unconscious, censorship, paradox, utopia, gender, social networks, alienation, literature and myth through textual and visual material.

3 seminar hours. Class sizes will be limited to ensure an active learning environment. 1.0 course (Main)

#### 1050E - FIRST YEAR SEMINAR: WORLD CULTURES, LITERATURES AND THE ARTS ACROSS THE AGES

In this seminar, discover the roots of today's global world by studying a selection of writers, artists, and works that have shaped, challenged, and connected civilizations throughout history. Engage in discussions and teamwork to explore cross-cultural exchanges, while traveling from Europe to Asia, from Africa to the Americas.

**Antirequisite(s):** CLC 1010, WLC 1030.  
3 seminar hours. Class sizes will be limited to ensure an active learning environment. 1.0 course (Main)

### COMPUTER SCIENCE

#### 1011A/B - THE INTERNET: BEHIND THE CURTAIN

The technological successes that have led to the Internet's wide adoption for work and social purposes. The ways in which computer technology has led to more compact representation of data, and faster, more reliable and more secure communication. Intended primarily for students not in Computer Science.

3 lecture hours. 0.5 course (Main)

#### 1025A/B - 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 significant programming experience in at least one high-level block-structured or object-oriented language.

**Antirequisite(s):** Computer Science 1026A/B, Computer Science 2120A/B, Engineering Science 1036A/B, Digital Humanities 2220A/B.  
3 lecture hours. 0.5 course (Main)

#### 1026A/B - 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 (Main)

#### 1027A/B - 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; pointers; recursion; file handling and storage.

**Antirequisite(s):** Computer Science 1037A/B, Computer Science 2121A/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 (Main)

#### 1032A/B - 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). Intended primarily for Management and Organizational Studies students.

**Antirequisite(s):** Management and Organizational Studies 1033A/B.  
3 lecture hours. 0.5 course (Main)

#### 1033A/B - MULTIMEDIA AND COMMUNICATION I

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 (Main)

#### 1037A/B - COMPUTER SCIENCE FUNDAMENTALS II

A continuation for Engineering Science 1036A/B. Data organization and manipulation;

abstract data types and their implementations in an object-oriented setting (C++); lists, stacks, queues, trees; pointers; recursion; file handling and storage. Intended for students in the Faculty of Engineering.

**Antirequisite(s):** Computer Science 1027A/B, Computer Science 2121A/B, Digital Humanities 2221A/B.

**Prerequisite(s):** Engineering Science 1036A/B.  
3 lecture hours, 2 laboratory/tutorial hour. 0.5 course (Main)

#### 1046A/B - APPROACHABLE APPS: AN INTRODUCTION TO PROGRAMMING USING JAVASCRIPT

Foundations of app development for the web and mobile devices. An introduction to basic programming and scripting concepts, and technologies such as JavaScript, HTML, and CSS, which will be used to create a variety of apps and games. This course is intended for students with no prior programming or computing background.

**Antirequisite(s):** Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 2120A/B, and Engineering Science 1036A/B.  
2 lecture hours, 2 laboratory/tutorial hours. 0.5 course (Main)

### DIGITAL HUMANITIES

#### 1011A/B - PROGRAMMING MY DIGITAL LIFE

This is a first course in programming for students of all backgrounds. Topics include images, video, sound, and text; user interface; interaction design; web services and APIs; and microcontroller platforms like Arduino and Phidgets. Students complete a series of projects on animation, installation art, electronic music, theatre, visualization, and/or robotics.

3 hours. 0.5 course (Main)

### DISABILITY STUDIES

#### 1010A/B - 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.  
3 lecture hours. 0.5 course (King's)

### EARTH SCIENCES

#### 1022A/B - EARTH ROCKS!

What our planet is made of, how it works, and how it affects us. Framed on the interactions of the lithosphere, hydrosphere, atmosphere and biosphere. Specific topics include: geological time and earth history; formation of rocks and minerals; rock deformation; volcanoes and earthquakes; plate tectonics and mountain building; natural resources.

**Antirequisite(s):** Earth Sciences 1070A/B, Earth Sciences 1081A/B.

2 lecture hours, 2 laboratory hours. 0.5 course (Main)

#### 1023A/B - PLANET EARTH: SHAKEN AND STIRRED

An overview of the origin and development of Earth and solar system; constitution and active processes of Earth interior; how these processes have shaped Earth evolution in the past and how they continue to control surface phenomena such as earthquake and volcanic activity. Labs

will introduce the main resource exploration techniques.

**Antirequisite(s):** Earth Sciences 2123A/B.  
2 lecture hours, 2 laboratory hours. 0.5 course (Main)

### 1070A/B - INTRODUCTION TO THE GEOLOGY AND RESOURCES OF EARTH

An introduction to geology covering rock forming minerals and rock forming processes. Emphasis will be placed on how mineral and hydrocarbon resources develop. A survey of the geological record is carried out to illustrate how resources are classified and distributed through time.

**Antirequisite(s):** Earth Sciences 1022A/B, Earth Sciences 1081A/B.

Only available online, purchase of Rock and Mineral Kit required. 0.5 course (Main)

### 1081A/B - EARTH, ENVIRONMENT AND SUSTAINABILITY

This course introduces students to geologic materials and processes and examines their significance to humans. Emphasis is placed on the evidence for perturbations of Earth's natural environments by humans that impact on our planet's future. Specific topics include utilization of natural resources, waste management, water quality, geological hazards, and global change.

**Antirequisite(s):** Earth Sciences 1022A/B, Earth Sciences 1070A/B.

2 lecture hours, 2 laboratory hours. 0.5 course (Main)

### 1083F/G - LIFE ON PLANET EARTH

Concepts of the development of life on Earth. Darwinian evolution and modern concepts of evolution. Genetics and evolution. Mode and rate of evolution. A survey of the vertebrate fossil record with focus on particular groups, including dinosaurs. Major extinction events in the fossil record. Origin of the geological time scale.

**Antirequisite(s):** Earth Sciences 2265A/B, Earth Sciences 2266F/G.

3 lecture hours, 1 tutorial hour. 0.5 course (Main)

### 1086F/G - ORIGIN AND GEOLOGY OF THE SOLAR SYSTEM

Our best perception of the origin of the Universe, the Milky Way Galaxy, and our Solar System, meteorites, asteroids, comets and the formation of planets. The slow growth of Planetary Science reason and analysis of hypotheses. Why and how Earth evolved along a path radically different than the other planets.

**Antirequisite(s):** Earth Sciences 2232F/G, Astronomy 2201A/B, 2232F/G, or the former Earth Sciences 2001F/G.

The equivalent of 3 lecture hours per week. Offered only online (see Western Distance Studies). 0.5 course (Main)

### 1088F/G - A FOUNDATION FOR MEDICAL AND FORENSIC GEOLOGY

Practical applications of the Earth Sciences to human welfare. Aspects of origin, natural concentration, and biological intake of earth materials are considered and the significance of these substances to human health is discussed. Use of earth materials in surgery, treatment of disease and of Earth Science techniques to solve criminal cases are covered.

3 lecture hours. 0.5 course (Main)

### 1089F/G - EARTH, ART AND CULTURE

An examination of Earth materials used over the history of human culture. Topics include: Earth materials as media in the Visual Arts (pigments,

stone and clay); rocks, minerals and fossils as motifs in famous works of art; landscape photography; gemstones and jewelry; earth materials in wine and cuisine, and modern technology.

3 lecture hours. 0.5 course (Main)

## ECONOMICS

### 0011A/B - INTRODUCTION MICROECONOMICS

This course introduces students to current Canadian and international economic issues. Students will explore basic economic concepts and reasoning; demand, supply and price; and markets, production and costs.

**Antirequisite(s):** Ontario High School CIA4U or equivalent.

**Prerequisite(s):** Registration in a Preliminary Year program at Brescia University College.

3 hours. 0.5 course (Brescia)

### 0012A/B - INTRODUCTION TO MACROECONOMICS

This course introduces students to current Canadian and international economic issues with a focus on large scale economic performance and measuring economic performance, including topics in economic instability and fiscal policy, banking and monetary policy, and international trade and economic growth.

**Antirequisite(s):** Ontario High School CIA4U or equivalent.

**Prerequisite(s):** Registration in a Preliminary Year program at Brescia University College.

3 hours.  
Students are strongly advised to take Economic 0011A/B before taking Economics 0012A/B. 0.5 course (Brescia)

### 1021A/B - PRINCIPLES OF MICROECONOMICS

The problem of scarcity and its implications, choice; opportunity cost, specialization and exchange; supply and demand; economic choices of households and firms; competition and monopoly; resource markets; public policy; income distribution.

**Antirequisite(s):** Economics 1020.

2 lecture hours, 1 tutorial hour (Main), 3 lecture hours (Brescia, Huron, King's). 0.5 course (Brescia, Huron, King's, Main)

### 1022A/B - 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 (Brescia, Huron, King's, Main)

## ENGINEERING

### 1050 - INTRODUCTORY ENGINEERING DESIGN AND INNOVATION STUDIO

Introduction to the principles and practices of professional engineering. The design studio fosters innovative thinking, improves problem solving, and provides context. Includes elements of need recognition, conceptualization, prototyping, and engineering design to satisfy commercial specifications. Emphasis on creativity, teamwork, communication and

engineering skills necessary to practice in any engineering discipline.

3 lecture hours, 4 laboratory/tutorial hours. 2.0 course (Main)

### 1021A/B - PROPERTIES OF MATERIALS IN ENGINEERING

An introduction to the relationship between the microstructure and engineering properties of metals, ceramics, polymers, semi-conductors and composites.

3 lecture hours, 2 tutorial hours. 0.5 course (Main)

### 1022A/B/Y - 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 (Main)

### 1036A/B - PROGRAMMING

#### FUNDAMENTALS FOR ENGINEERS

Designing, implementing and testing computer programs using Java and MATLAB 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 (Main)

## ENGLISH

### 0010 - LITERATURE AND COMPOSITION

This course is designed to introduce the student to the study of literature, including poetry, short stories, novels and plays. The course will encourage a critical approach to literature, with special attention to essay writing skills.

**Antirequisite(s):** Grade 12U.

**Prerequisite(s):** Grade 11U English (or equivalent). 3 hours. 1.0 course (Brescia)

### 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.

**Antirequisite(s):** English 1022E, English 1035E.

**Prerequisite(s):** Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course. 3 hours. 1.0 course (Brescia, Huron, King's, Main)

### 1022E - ENRICHED INTRODUCTION TO ENGLISH LITERATURE

This course provides an enriched survey of the major genres, historical periods, and critical approaches to English for students with a particular interest in literature and culture. In lecture and small group tutorials, you will study poetry, prose, and drama with special emphasis on developing superior analytical and writing skills.

**Antirequisite(s):** English 1020E, English 1035E.

**Prerequisite(s):** 85% or better in Grade 12U English or permission of the Department.

## COURSES

3 hours. Note: Students who successfully complete English 1022E and who enroll in the Honors Specialization module are exempt from English 2307E. However, they must replace it with another 1.0 English course numbered 2200 or above to meet the total of 10.0 courses required for this module. 1.0 course (Main)

### 1024E - FORMS OF FICTION: INTRODUCTION TO NARRATIVE

An introduction to the study of a selection of fiction ranging from the Greek epic to the modern novel, including both short and longer forms; and a variety of fictional modes and narrative techniques. Major authors studied include Homer, Swift, Austen, Dickens, Dostoevsky, and Virginia Woolf.

**Antirequisite(s):** English 1027F/G, English 1028F/G, English 1036E.

**Prerequisite(s):** Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course. 3 hours. 1.0 course (Brescia, Huron, King's, Main)

### 1027F/G - THE STORYTELLER'S ART I: INTRODUCTION TO NARRATIVE

Storytelling defines who we are and our relation to the community, the nation, and the world. This course explores the rich and diverse traditions of storytelling: such as, oral tales, short stories, classic fiction, and graphic novels. Instruction by lecture and tutorials; emphasis on developing strong analytical and writing skills.

**Antirequisite(s):** English 1024E, English 1036E.

**Prerequisite(s):** Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course. 3 hours. 0.5 course (Brescia, Huron, King's, Main)

### 1028F/G - THE STORYTELLER'S ART II: TOPICS IN NARRATIVE

This course explores a particular theme, mode, or genre of storytelling. Consult the Department of English for details of current course offerings. Instruction is by lecture and tutorials; emphasis on developing strong analytical and writing skills.

**Antirequisite(s):** English 1024E, English 1036E.

**Prerequisite(s):** Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course. 3 hours. 0.5 course (Brescia, Huron, King's, Main)

### 1035E - INTRODUCTION TO LITERATURE: READING, INTERPRETATION, ARGUMENT

This course will examine, both formally and historically, the major generic groupings of literature: poetry, fiction, and drama. Its focus will be on the different kinds of reading that these demand. It will develop students' analytical skills through intensive and extensive reading and through writing that employs logical argument and an understanding of basic critical concepts.

**Antirequisite(s):** English 1020E, 1022E.

**Prerequisite(s):** Permission of the Department. 3 hours. 1.0 course (Huron)

### 1036E - FORMS OF NARRATIVE: FROM EPIC TO FILM

An introduction to the study of narrative from the classical epic to contemporary film. Narrative forms such as myth, fable, parable, epic, romance, novel, satire, case-history, short story, and film will be examined in order to understand the distinguishing features of each form, but also the historical development of narrative art.

**Antirequisite(s):** English 1024E, 1027F/G, 1028F/G.

**Prerequisite(s):** Permission of the Department. 3 hours. 1.0 course (Huron)

### 1042E - LITERATURE AND CULTURAL REPRESENTATIONS

Combining the study of classic literature with works of current cultural importance, such as graphic novels and film, this course explores how our world and our lives are formed and informed by the stories we tell.

**Prerequisite(s):** Grade 12U English or permission of the Department.

3 hours. 1.0 course (Huron)

### 1901E - FOUNDATIONS IN WESTERN THOUGHT AND CIVILIZATION

The English Literature unit of the King's Foundations in Western Thought and Civilization is supplemented by the study of art and music. It investigates influential works of literature from ancient to modern times through an interdisciplinary perspective, with special focus on innovations in literary form and cultural contexts.

**Prerequisite(s):** Must be registered in the King's Foundations in Western Thought and Civilization, or the former Foundations in the Humanities.

**Corequisite(s):** History 1901E and Philosophy 1901E.

3 hours. There may be additional costs associated with field trips. 1.0 course (King's)

## ENVIRONMENTAL SCIENCE

### 1021F/G - ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

An overview of the science underlying key environmental issues (e.g. climate change, loss of biodiversity and ecosystem function, air and water pollution, and resource use) and how each issue impacts environmental sustainability from the local to global scale.

**Prerequisite(s):** Priority will be given to students in their first year at Western.

3 lecture/tutorial hours. 0.5 course (Huron, Main)

## FAMILY STUDIES

### 1010A/B - 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 (Brescia)

### 1020 - INTRODUCTION TO FAMILY STUDIES

A multi-disciplinary approach to the family as a biological, social, economic, legal and political unit, continually changing and adapting to a variety of pressures. This course provides students with a broad grounding in the family in the current Canadian context, and examines cultural and historical variation.

**Antirequisite(s):** Family Studies 1010A/B.

3 lecture hours. 1.0 course (Brescia)

### 1015A/B - 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 successful long-term relationships. Other close relationships also are considered, such as those between friends or parents and children.

3 lecture hours. 0.5 course (Brescia)

## FILM STUDIES

### 1020E - AN INTRODUCTION TO FILM

A broad introduction to the study of films that will teach the basic vocabulary of film studies, provide an overview of the types of film and videos being made, and examine various critical approaches. By considering a variety of texts, students will learn to analyze and discuss film and video.

5 hours including screening. 1.0 course (Main)

### 1022 - INTRODUCTION TO FILM STUDIES

What is a blockbuster? What is a cult film? What is digital cinema? Discover the answers to these questions and others in a broad introduction to the study of cinema. Students will learn the basic vocabulary of film studies and gain an informed understanding of the different critical approaches to film analysis.

**Antirequisite(s):** Film Studies 1020E.

5 hours including screening. 1.0 course (King's, Main)

## FIRST NATIONS STUDIES

### 1020E - INTRODUCTION TO FIRST NATIONS STUDIES

An interdisciplinary survey of First Nations issues, from academic and community perspectives including indigenous knowledge, historical background, oral history, socio-political context, arts, language and culture. Specific practical examples will be explored by researchers and community members actually engaged in their contemporary documentation and resolution.

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

## FOODS AND NUTRITION

### 0010 - INTRODUCTION TO FOODS & NUTRITION

An introductory course about foods and nutrition. Students will study nutrient content of food, food safety, and learn to apply nutrition recommendations throughout the life cycle. Emphasis will be placed on using credible resources of nutrition information.

**Antirequisite(s):** Grade 12U Nutrition in Perspective (HFA 4U) or any university level basic Nutrition course.

**Prerequisite(s):** High School Biology (Grade 11 Advanced Level or equivalent) and registration in the Preliminary Year Program at Brescia University College. 1.0 course (Brescia)

### 0011A/B - INTRODUCTION TO FOODS AND NUTRITION: HEALTHY EATING

An introductory course about the basic aspects of Healthy Eating. Emphasis will be placed on how students can use credible resources to find information about the nutrient content of foods, read food labels, nutrition recommendations (including Canada's Food Guide) and the eating habits for their life stage and make healthy food choices for themselves.

**Antirequisite(s):** Grade 12U Nutrition in Perspective (HFA 4U) or any university level Nutrition course.

**Prerequisite(s):** High School Biology (Grade 11 Advanced Level or equivalent) and registration in the Preliminary Year Program at Brescia University College.

3 lecture hours (includes in-class activities)/week. 0.5 course (Brescia)

### 0012A/B - INTRODUCTION TO FOODS AND NUTRITION: LIFE CYCLE NUTRITION

An introductory course about the basic

aspects of Life Cycle Nutrition. Emphasis will be placed on how students can use credible resources to find information about nutrition recommendations and eating habits of Canadians of all ages and life stages, nutrition and disease prevention, nutrition and physical activity, safe food handling procedures, food biotechnology and global hunger.

**Anti-requisite(s):** Grade 12U Nutrition in Perspective (HFA 4U) or any university level Nutrition course.

**Prerequisite(s):** High School Biology (Grade 11 Advanced Level or equivalent), FN 0011 A/B and registration in the Preliminary Year Program at Brescia University College.

3 lecture hours (includes in-class activities)/ week. 0.5 course (Brescia)

### 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.

**Prerequisite(s):** Grade 11 (or higher) Biology and Chemistry are highly recommended as preparation for this course.

3 lecture/tutorial hours. 1.0 course (Brescia)

### 1030E - FUNDAMENTALS OF HUMAN NUTRITION

An integrative study of the chemical nature, metabolic interactions and physiological roles of nutrients. Includes dietary requirements, sources of nutrients, current issues and concepts, local/global food/nutrition problems and factors affecting them: consumer behavior, agricultural/industrial development, environment/population issues, national policies, and international agreements.

**Antirequisite(s):** Foods and Nutrition 1021, Foods and Nutrition 2121.

**Prerequisite(s):** Registration in the Foods and Nutrition modules (Honors Specialization, Specialization, Major). Grade 12U Biology and Chemistry are highly recommended as preparation for this course.

3 lecture hours. 1.0 course (Brescia)

## FRENCH

### 1002 - INTENSIVE FRENCH

Grammar, composition, oral practice. This course is designed for students beginning French, or having a limited knowledge of French. Note that students who have successfully completed Grade 11 French or equivalent cannot take this course for credit.

**Antirequisite(s):** French 1003A/B, the former French 1101, Ontario Grade 11 French (Core, Extended or Immersion) or equivalent.

**Prerequisite(s) at Main:** Permission of Department of French Studies based on French Placement Test.

4 tutorial/laboratory hours. 1.0 course (Brescia, Huron, King's, Main)

### 1003A/B - INTENSIVE FRENCH

Grammar, composition, oral practice. This accelerated (0.5) course is designed for students having a limited knowledge of French who are too advanced for French 1002.

**Antirequisite(s):** The former French 1101, French 1002, Ontario Grade 11 French (Core, Extended or Immersion) or equivalent.

**Prerequisite(s):** Permission of Department of French Studies based on French Placement Test. 4 lecture/tutorial/laboratory hours. 0.5 course

(Main)

### 1010 - INTERMEDIATE FRENCH

Grammar review, composition, translation, oral practice. (One hour per week in the language laboratory may be required.) Note that students who have successfully completed Grade 12 French or equivalent cannot take this course for credit.

**Antirequisite(s):** French 1011A/B, the former French 1101, Ontario Grade 12 French (Core, Extended or Immersion) or equivalent.

**Prerequisite(s) at Main:** Ontario Grade 11 French (Core, Extended or Immersion) or equivalent, French 1002 or French 1003A/B or permission of the Department of French Studies based on French Placement Test.

**Prerequisite(s) at Brescia, Huron, King's:**

Ontario Grade 11 French (Core, Extended or Immersion) or equivalent, French 1002 or permission of the Department. 3 or 4 tutorial hours.

Note at Main: Students who have Grade 11 French but have not taken French courses for more than 3 years, or have an average below 75% in Grade 11 French, should consult the Department of French Studies.

Note at Brescia, Huron, King's: Students who have Grade 11 French but have not taken French courses for more than 3 years should consult the Department. 1.0 course (Brescia, Huron, King's, Main)

### 1011A/B - INTERMEDIATE FRENCH

Grammar review, composition, translation, oral practice. This accelerated (0.5) course is designed for students having a limited knowledge of French who are too advanced for French 1010.

**Antirequisite(s):** French 1010, Ontario Grade 12 French (Core, Extended or Immersion) or equivalent.

**Prerequisite(s):** Ontario Grade 11 French (Core, Extended or Immersion) or equivalent, French 1002 or French 1003A/B or permission of the Department of French Studies.

4 lecture/tutorial/laboratory hours. 0.5 course

(Main)

### 1102A/B - ORAL FRENCH I

Based on a communicative approach, the course aims to provide students with the means of improving their listening and speaking abilities.

**Prerequisite(s):** Grade 12U French, French 1010 or French 1011A/B or permission of the Trois-Pistoles Immersion School.

3 lecture/tutorial hours. Only offered in Trois-Pistoles Immersion School. 0.5 course (Main)

### 1103A/B - ORAL FRENCH II

Based on a communicative approach, the course aims to provide students with the means of improving their listening and speaking abilities.

**Prerequisite(s):** French 1102A/B or permission of the Trois-Pistoles Immersion School.

3 lecture/tutorial hours. Only offered in Trois-Pistoles Immersion School. 0.5 course (Main)

### 1900E - FRENCH STUDIES: AN INTRODUCTION

This is a first-year essay course in French, providing an introduction to French Studies, with an emphasis on language, culture, and various forms of expression and analysis.

**Antirequisite(s):** French 1910, French 1999.

**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 for Main: 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 for Brescia, Huron, King's: Students who have Grade 12 French but have not taken French courses for more than 3 years should consult the Department. 1.0 course (Brescia, Huron, King's, Main)

### 1910 - UNIVERSITY FRENCH (LEVEL 1)

A study of the French language based on cultural, written material and basic grammar problems.

**Antirequisite(s) at Main:** French 1900E, French 1999.

**Antirequisite(s) at Brescia, Huron, King's:** French 1900E.

**Prerequisite(s) at Main:** 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.

**Prerequisite(s) at Brescia, Huron, King's:**

Ontario Grade 12 French (Core, Extended or Immersion) or equivalent, or French 1010 or permission of the Department.

4 lecture/tutorial/laboratory hours.

Note at Main: 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: Students who have Grade 12 French but have not taken French courses for more than 3 years, should consult the Department. 1.0 course (Brescia, Huron, King's, Main)

### 1999 - INTRODUCTION TO FRENCH STUDIES

This course provides students with a basic introduction to French Studies, with an emphasis on language and culture, and on various forms of expression and analysis.

**Antirequisite(s):** French 1900E, French 1910.

**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. 1.0 course (Main)

## GEOGRAPHY

### 0010 - GEOGRAPHY OF CANADA

A systematic analysis of the geography of Canada with emphasis on the human aspects. Only for students registered in the Preliminary Year program.

**Antirequisite(s):** Grade 12U Geography (or equivalent).

3 hours. 1.0 course (Brescia)

### 0012 - INTRODUCTION TO WORLD GEOGRAPHY

An introduction to the study of world regions including an overview of selected thematic regions (e.g., climate, vegetation) and geographic realms. Basic geographic concepts will be highlighted throughout the course. Only for students registered in the Preliminary Year program.

3 hours. 1.0 course (Brescia)

## COURSES

### 1100 - FUNDAMENTALS OF GEOGRAPHY

A systematic descriptive introduction to the diverse elements of landscape including geomorphic, climatic, and biotic elements, human settlement and land-use patterns; cartographic approaches to the analysis of selected processes of landscape change; an introduction to the synthesis of elements and processes in spatial systems models.

**Antirequisite(s):** Geography 1300A/B, Geography 1400F/G.

3 lecture hours. 1.0 course (Brescia, King's, Main)

### 1300A/B - INTRODUCTION TO THE PHYSICAL ENVIRONMENT

Physical Geography examines the phenomena and processes of the Earth-atmosphere system that underlie human environment interactions and environmental change. Topics include: the atmosphere and fundamentals of weather and climate, water in the environment, Earth surface processes and biogeography.

**Antirequisite(s):** Geography 1100, Geography 2131A/B.

2 lecture hours, 2 laboratory hours. 0.5 course (Main)

### 1400F/G - INTRODUCTION TO THE HUMAN ENVIRONMENT

This course introduces students to the central problems, concepts, methods and applications of human geography. It pays particular attention to the ways humans interact with the world; for example, population growth, use of natural resources, culturally-based activities, urbanization and settlements, agricultural activities, and industrialization.

**Antirequisite(s):** Geography 1100.

2 lecture hours, 2 laboratory hours. 0.5 course (Main)

### 1500F/G - ENVIRONMENT AND DEVELOPMENT CHALLENGES

Examines environmental change over long periods of earth history, considering both physical processes and human impacts. An integrative approach provides a basis for understanding some of the world's most pressing environment and development challenges, such as biodiversity loss, desertification, climate change, energy consumption, and persistent hunger and malnourishment.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

## GERMAN

### 1030 - GERMAN FOR BEGINNERS

Introduction to oral and written German for students with little or no previous knowledge of the language. Develop your communicative skills while learning about the cultures of the German-speaking countries.

**Antirequisite(s):** Grade 12U German or German 1030W/X or German 1036.

4 hours. 1.0 course (Main)

### 1030W/X - GERMAN FOR BEGINNERS (ACCELERATED)

Introduction to oral and written German for students with little or no previous knowledge of the language. Prepares student for direct progression to German 2200 or 2200W/X. This accelerated course requires a very high level of commitment.

**Antirequisite(s):** Grade 12U German or German 1030 or German 1036.

**Prerequisite(s):** Permission of the Department. 8 hours, one semester. 1.0 course (Main)

### 1036 - READING GERMAN

This course is designed for beginners who wish to acquire a reading knowledge of German for research or related purposes. Learn to read and understand sophisticated unedited texts in a relatively short time. There will be little emphasis on oral or active written communicative skills.

**Antirequisite(s):** Grade 12U German or German 1030 or German 1030W/X.

4 hours. 1.0 course (Main)

## GREEK

### 1000 - INTRODUCTORY ANCIENT GREEK

An introductory course in Ancient Greek covering the major points of grammar and syntax.

**Antirequisite(s):** Those students with Grade 12U level Ancient Greek must consult the Department before registering for this course.

3 hours. 1.0 course (Main)

## HEALTH SCIENCES

### 1001A/B - PERSONAL DETERMINANTS OF HEALTH

This course focuses on health and wellness with an emphasis on increasing knowledge and awareness of a wide variety of health-related topics, as well as on improving individual health.

**Antirequisite(s):** The former Health Sciences 1000.

3 lecture hours, 1 tutorial hour. 0.5 course (Main)

### 1002A/B - 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 (Main)

## HEBREW

### 1030 - HEBREW 1

A course in oral and written modern Hebrew for students with rudimentary knowledge of the language. Prepares students for direct progression to Hebrew 2200 Hebrew 2.

**Antirequisite(s):** Grade 12University-preparatory Hebrew, or equivalent level of secondary study. 4 hours. 1.0 course (Huron)

### 1040A/B - INTRODUCTION TO BIBLICAL HEBREW

An introduction to the writing system and grammar of Biblical Hebrew for those with no previous knowledge of the language. Special attention will be paid to the noun, adjective, and participle.

**Antirequisite(s):** Hebrew 1030 or Grade 4 Hebrew (or Grade 2 in Israel). 4 hours. 0.5 course (Huron)

### 1041A/B - INTRODUCTION TO BIBLICAL HEBREW II

Continuation of Hebrew 1040A/B. An introduction to the grammar of Biblical Hebrew for those with little previous knowledge of the language. Special attention will be paid to forms of the verb.

**Antirequisite(s):** Hebrew 1030 or Grade 6 Hebrew (or Grade 3 in Israel).

**Prerequisite(s):** Hebrew 1040A/B or permission

of the Instructor.

4 hours. 0.5 course (Huron)

## HINDI

### 1030 - HINDI FOR BEGINNERS

Introduction to oral and written Hindi for students with little or no previous knowledge of the language. Note that students who have successfully completed Grade 12U Hindi or equivalent cannot take this course for credit.

**Antirequisite(s):** Grade 12U Hindi or Hindi 1010 - Hindi 1 at Huron University College, Hindi 1035. 4 hours. 1.0 course (Main)

### 1035 - BEGINNER HINDI FOR HERITAGE SPEAKERS

For students with some background in Hindi (heritage speakers), this course develops communicative skills, speaking, reading and writing in Hindi. Students are enrolled on the basis of a placement test.

**Antirequisite(s):** Grade 12U Hindi and Hindi 1030. 4 lecture hours. 1.0 course (Main)

## HISTORY

### 0011 - HOW WE GOT HERE: THE TWENTIETH-CENTURY WORLD

Understanding the history of the 20th century world is an important element in participating in modern society. This course will examine the origins of the historical political, economic, social and cultural forces that shape the modern world. The emphasis in this course will be on ideas that govern actions, motivate people and provide structure to our understanding of the world.

**Prerequisite(s):** Enrolment in the Preliminary Year Program (Brescia University College).

3 lecture/seminar hours. 1.0 course (Brescia)

### 0014 - HISTORY OF CANADA AND THE UNITED STATES

A survey of the political and social highlights of North American society from 1600 to the present. Only for students registered in the Preliminary Year program.

**Antirequisite(s):** Grade 12U (or equivalent) History.

3 hours. 1.0 course (Brescia)

### 1201E - CANADA: A SURVEY

Examines Canadian experience from the earliest times to the present. Lectures and tutorials stress varied historical interpretations and divergent opinions concerning Canada's growth.

**Antirequisite(s):** History 2201E, the former History 2207F/G.

3 hours. 1.0 course (Brescia, Huron, King's)

### 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, 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 (Brescia, Huron, King's, Main)

### 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 hours. 1.0 course (Brescia, King's)

### 1601E - SURVEY OF EAST ASIAN HISTORY

The history of China, Korea and Japan from earliest development until modern times.

The course emphasizes that although they are independent nations their histories are intertwined.

2 lecture hours, 1 tutorial hour. 1.0 course (Huron, King's, Main)

### 1800F/G - THE PEOPLE'S HISTORIES

This course will focus on the innovative use of primary sources to examine alternative histories to traditional nationalist narratives. Themes will include historiography and historical method, social and cultural history, history from below, local histories, indigenous histories, histories of the emotions and micro-histories.

**Antirequisite(s):** History 1802E.  
3 hours. 0.5 course (Huron)

### 1801E - CONTROVERSIES IN GLOBAL HISTORY

Designed to provide a broad historical background and to develop analytical skills, this course examines several themes underlying the development of the modern world. The course further emphasizes historical debates about these themes and seeks to familiarize students with the concept of historiography.

3 hours. 1.0 course (Huron, King's)

### 1802E - HISTORIES FROM BELOW

This course will focus on the innovative use of primary sources to examine alternative histories to traditional nationalist narratives. Themes will include social and cultural history, history from below, local histories, indigenous histories, histories of the emotions and micro-histories.

3 hours. 1.0 course (Huron)

### 1803E - INTRODUCTION TO THE HISTORY OF BUSINESS AND COMMERCE

Examines the emergence of modern business techniques and structures in Europe from the late Middle Ages to the Industrial Revolution, and the further development of these techniques and structures in Canada.

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1805E - SCIENCE, TECHNOLOGY AND GLOBAL HISTORY

A survey of global history with a focus on mathematics, science, technology, medicine and environment.

3 lecture hours. 1.0 course (Main)

### 1807 - THE HISTORY OF BUSINESS

This course examines the history of business and capitalism from the late Middle Ages to the present day. Particular attention will be paid to the history of credit, banking, the stock market, the corporation, and globalization.

**Antirequisite(s):** History 1803E.

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1810E - WARS THAT CHANGED THE WORLD

This course examines four transformational wars in the history of the world in detail, both in lectures and in small discussion groups that will also focus on the development of foundational analytical and writing skills. Topics include the implications and effects of war for civilians, trade, popular culture and technology.

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1812F/G - REVOLUTIONS IN WORLD HISTORY

This course examines major revolutions and 'turning points' that changed history. Topics include the Renaissance and Reformation, the Scientific Revolution, the Industrial Revolution, and the 'Sexual Revolution' of the 1960's. Political revolutions to be studied include the American and French Revolutions, and 20th century revolutions in China, Russia and Iran.

3 hours. 0.5 course (King's)

### 1813F/G - WARS OF RELIGION IN WORLD HISTORY

This course investigates how religious conflict shaped our world. We examine the relationship between religious belief, social identity, secular ideology and political violence in such cases as the spread of Islam and the Crusades, the European wars of religion, and modern global religious conflicts.

3 hours. 0.5 course (King's)

### 1814F/G - HISTORY, LAW AND SOCIETY

A survey of the relationship between history and the law that examines how change in society, politics, culture and the economy has shaped the development of law and legal institutions. It also examines how judges and lawyers use (and misuse) historical thinking in their legal arguments and reasoning.

3 hours. 0.5 course (King's)

### 1815F/G - HISTORIES OF LOVE

What is love? How have concepts of love changed over time? This course will examine sources associated with the history of love: letters, films, sentimental jewelry, travel literature, opinion surveys, folklore, literature, newspapers, political speeches, sermons and medical treatises, to discover what they reveal about the histories of love.

3 hours. 0.5 course (Huron)

### 1816F/G - HISTORIES OF VIOLENCE

What defines an action as violent? How have these definitions of violence in past societies changed over time? This course will explore these questions with examples of violence from the classical, medieval and modern periods, looking at warfare, everyday violence, assassination, suicide, duels, infanticide, paramilitary violence and terrorism.

3 hours. 0.5 course (Huron)

### 1820F/G – Selected Introductory Themes in History

See History Department for current offerings.

3 hours, 0.5 course. (King's)

### 1901E - FOUNDATIONS IN WESTERN THOUGHT AND CIVILIZATION

The History unit of the King's Foundations in Western Thought and Civilization introduces students to major processes, personalities, and events in the historical development of the modern world and what is described as "the West", while developing and refining students' fundamental skills in historical methodology.

**Antirequisite(s):** History 1801E.

**Prerequisite(s):** Must be registered in the King's Foundations in Western Thought and Civilization, or the former Foundations in the Humanities  
**Corequisite(s):** English 1901E and Philosophy 1901E

3 hours. There may be additional costs associated with field trips. 1.0 course (King's)

## INTEGRATED SCIENCE

### 1000Z - EVOLUTION OF THE SCIENTIFIC PROCESS

A focused analysis of classic experiments and how the scientific process has changed over time. Students will engage in understanding seminal discoveries by learning the underlying science and studying experimental design.

The course will also discuss how complex and challenging problems facing humanity today require an integrated approach.

**Prerequisite(s):** Enrolment in Year 1 of the Western Integrated Science program.

2 lecture hours, 2 tutorial hours. 1.0 course (Main)

### 1001X - EXPLORING THE LANDSCAPE OF SCIENCE

Foundational topics of biology, chemistry, computer science, earth science and physics learned through an integrated problem-based approach. Small-group interactions and integrated laboratory experiments will foster teamwork and develop problem-solving and critical-thinking skills. The importance of mathematical approaches and the use of statistics will be emphasized throughout the course.

**Antirequisite(s):** Chemistry 1302A/B; Physics 1029A/B, Physics 1302A/B, and Physics 1502A/B; Biology 1002B; Mathematics 1225A/B, and Calculus 1301A/B and Calculus 1501A/B.

**Prerequisite(s):** Enrolment in Year 1 of the Western Integrated Science program and a minimum of 60% in each of Calculus 1000A/B or Calculus 1500A/B, Chemistry 1301A/B, and Physics 1301A/B or Physics 1501A/B.  
12 lecture hours and 12 laboratory/tutorial hours per week. 2.0 course (Main)

## INTERDISCIPLINARY STUDIES

### 0015 - SUCCESS IN THE UNIVERSITY ENVIRONMENT

This course is designed to provide students who are registered in the Brescia University College Preliminary Year with opportunities to learn new abilities and upgrade skills needed to achieve success in the university environment. Successful completion of Interdisciplinary Studies 0015 is required to pass Preliminary Year at Brescia.

**Prerequisite(s):** Enrolment in the Preliminary Year Program (Brescia University College).  
1.5 hours. 1.0 course (Brescia)

### 1000F/G - INTRO TO GLOBAL CHALLENGES

An introduction to key world-wide challenges in the areas of politics, economics, culture, and society. Topics may include human rights, international trade, globalization of disease, and environmental issues.

3 hours. 0.5 course (Brescia)

### 1001E - FIRST YEAR SEMINAR: INTERDISCIPLINARY PERSPECTIVES

Brescia's interdisciplinary first-year seminar explores a selected topic from multiple disciplinary perspectives to provide a foundation in the liberal arts. Through readings, discussions, group work, and inquiry-based learning, students will explore the topic from multiple perspectives while developing a core set of academic skills including information literacy, communication, problem solving, and critical thinking.

**Antirequisite(s):** Interdisciplinary Studies 1015F/G, 2115F/G.

1 lecture hour, 2 seminar/tutorial hours/week. 1.0 course (Brescia)

## COURSES

### 1015F/G - INTERDISCIPLINARY PERSPECTIVES

An interdisciplinary seminar focusing on a current-issue or specialized topic, as selected by the instructor. Through focused class discussions and exercises, students will explore the topic from multiple perspectives while developing a core set of skills including information literacy, written and oral communication, and critical thinking.

**Antirequisite(s):** Interdisciplinary Studies 2115F/G.

3 lecture/seminar hours. 0.5 course (Brescia)

### 1021E - INQUIRY, INTERPRETATION, RHETORIC

An interdisciplinary course for students in the humanities and social sciences. Through intellectually challenging projects focused on texts from multiple fields of inquiry, students will reflect critically on the production of knowledge and will gain substantial exercise and mentorship in interpretation, reading, research, writing, and oral expression.

1.0 course (Huron)

### 1101F/G - DEVELOPING RESEARCH QUESTIONS

A seminar exploring alternative research approaches to a series of topics, issues, or phenomena that have been identified by the students enrolled in the course as part of their application to the Huron Scholar's Electives Program.

**Prerequisite(s):** Enrolment in Scholar's Electives Program at Huron.

2 hours per week. 0.5 course (Huron)

### 1102F/G - BUILDING A RESEARCH PROJECT

A seminar that explores how principles of qualitative and quantitative research, and of information literacy, may be applied to a series of research questions identified by the members of the class. Principles and practices of research ethics will be explored as appropriate.

**Prerequisite(s):** Enrolment in Scholar's Electives Program at Huron.

2 hours per week. 0.5 course (Huron)

## ITALIAN

### 1030 - ITALIAN FOR BEGINNERS

An introduction to oral and written Italian with emphasis on the development of communicative skills. No previous knowledge of Italian is required. Note that students who have successfully completed Grade 12U Italian or equivalent cannot take this course for credit.

**Antirequisite(s):** Grade 12U Italian, Italian 1030W/X, Italian 1033.

3 lecture hours plus 1 hour online. 1.0 course (Main)

### 1030W/X - INTENSIVE ITALIAN FOR BEGINNERS (ACCELERATED)

An introduction to oral and written Italian with emphasis on the development of communicative skills. No previous knowledge of Italian is required. This accelerated course requires a very high level of commitment.

**Antirequisite(s):** Grade 12U Italian, Italian 1030, Italian 1033.

8 hours, one semester. 1.0 course (Main)

### 1033 - ITALIAN FOR BEGINNERS AND OUR ITALIAN-CANADIAN STORIES

Buongiorno! Learn Italian while collecting stories about your family or the local Italian-Canadian community. This beginners course for

students with little or no previous knowledge of Italian includes a Community Service Learning component to build a digital archive.

**Antirequisite(s):** Italian 1030, Grade 12U Italian. 4 hours. 1.0 course (Main)

### 1045A/B - ITALIAN FOR TRAVELERS 1

This course is designed for students with little or no previous knowledge of Italian. An introduction to Italian in an active and practical way, the course emphasizes travel competence. Based in Tuscany, students will acquire an understanding of multifaceted contemporary Italian culture.

**Antirequisite(s):** Students with Grade 12U Italian or OAC Italian, or with previous knowledge of Italian must consult the Department before registering for this course.

Accelerated 40 lecture hours over 3 weeks, including pre-departure sessions. The course takes place in Italy during Intersession. See Department for information on application procedure. 0.5 course (Main)

### 1046A/B - ITALIAN FOR TRAVELERS 2

This course is a continuation of Italian 1045A/B. An introduction to Italian in an active and practical way, the course emphasizes travel competence. Based in Tuscany, students will acquire an understanding of multifaceted contemporary Italian culture.

**Antirequisite(s):** Students with Grade 12U Italian or OAC Italian, or with previous knowledge of Italian must consult the Department before registering for this course.

**Prerequisite(s):** Italian 1045A/B or permission of the department.

40 lecture hours over 3 weeks. The course takes place in Italy during Intersession. See Department for information on application procedure. 0.5 course (Main)

## JAPANESE

### 1036 - JAPANESE FOR BEGINNERS

An intensive introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 2260. Note that students who have successfully completed Grade 12U Japanese or equivalent cannot take this course for credit.

**Antirequisite(s):** Grade 12U Japanese, or Japanese 1050, Japanese 1051A/B, Japanese 1052A/B.

4 hours. 1.0 course (Main)

### 1050 - JAPANESE I

An introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 2250.

**Antirequisite(s):** Japanese 1036, Japanese 1051A/B, Japanese 1052A/B.

4 hours. Those students with Grade 12U Japanese must consult the Department before registering for this course. 1.0 course (Huron)

### 1051A/B - JAPANESE FOR BEGINNERS 1

An introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 1052A/B.

**Antirequisite(s):** Japanese 1036, Japanese 1050. 4 hours. Those students with Grade 12U Japanese must consult the Department before

registering for this course. 0.5 course (Huron)

### 1052A/B - JAPANESE FOR BEGINNERS 2

An introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 2250.

**Antirequisite(s):** Japanese 1036, Japanese 1050.

**Prerequisite(s):** Japanese 1051A/B.

4 hours. Those students with Grade 12U Japanese must consult the Department before registering for this course. 0.5 course (Huron)

### 1650F/G - PERSPECTIVES ON JAPAN

A multi-disciplinary overview of Japan. Contents include territory, people, language, religion, economy, popular culture, science and technology, among others. Students investigate - and formulate questions - on Japan and East Asia within today's globalized world, identify their own cultural bias toward less familiar subjects, and critically evaluate diverse perspectives. Taught in English.

3 hours. 0.5 course (Huron)

## KINESIOLOGY

### 1070A/B - PSYCHOLOGY OF HUMAN MOVEMENT SCIENCE

To obtain basic knowledge in the psychology of human movement science research. The student will become familiar with the latest theory and research from the four pillars of sport psychology, exercise psychology, theoretical models of sedentary behaviour and innovative ways to reduce sedentary behaviour.

**Antirequisite(s):** The former Kinesiology 1088A/B.

3 lecture hours, 3 laboratory hours biweekly, 1 tutorial hour. 0.5 course (Main)

### 1080A/B - INTRODUCTION TO PSYCHOMOTOR BEHAVIOUR

Fundamental concepts and theories related to movement learning and control will be introduced. The material will address many of the factors that affect the production of motor behaviour. Students will learn about the basis for movement skill and variables that can be used to improve level of skill.

3 lecture hours, 3 laboratory hours biweekly, 1 tutorial hour. 0.5 course (Main)

## KOREAN

### 1030 - KOREAN FOR BEGINNERS

An introduction to understanding, speaking, reading, and writing Korean with emphasis on oral skills. Intended for students with little or no previous knowledge of Korean. Prepares students directly for Korean 2200. Note that students who have successfully completed Grade 12U Korean or equivalent cannot take this course for credit.

**Antirequisite(s):** Grade 12U Korean, Korean 1035.

4 hours. 1.0 course (Main)

### 1035 - BEGINNER KOREAN FOR HERITAGE SPEAKERS

For students with some background in Korean (heritage speakers), this course develops communicative skills, speaking, reading and writing in Korean. Prepares students for progression into Korean 2200. Students are enrolled on the basis of a placement test.

**Antirequisite(s):** Grade 12U Korean and Korean

1030.  
4 lecture hours. 1.0 course (Main)

## LATIN

### 1000 - INTRODUCTORY LATIN

An introduction course in Latin covering major points of grammar and syntax.

**Antirequisite(s):** Those students with Grade 12U level Latin must consult the Department before registering for this course.

3 lecture hours. 1.0 course (Main)

## LEADERSHIP STUDIES

### 1000A/B - Primer on Leadership

An introduction to various aspects of the study of leadership, with an emphasis on the theory and practice of leadership.

**Antirequisite(s):** Leadership Studies 1031, the former Dimensions of Leadership 1000A/B, the former Dimensions of Leadership 1031

3 hours, 0.5 course (Brescia)

### 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 Dimensions of Leadership 1031, the former Interdisciplinary Studies 1031.

3 lecture hours, 1.0 course. (Brescia)

### 1035A/B - Leadership for Foods and Nutrition

An introduction to various aspects of the study of leadership with application to foods and nutrition. Areas of concern include transformational leadership, culture and leadership, elements of effective leadership, and case studies involving leadership and foods and nutrition.

**Antirequisite(s):** The former Dimensions of Leadership 1000A/B, the former Dimensions of Leadership 1031, the former Dimensions of Leadership 1035.

**Prerequisite(s):** Registration in Foods and Nutrition programs or permission of the Division of Food and Nutritional Sciences

3 lecture hours, 0.5 course. (Brescia)

## LINGUISTICS

### 1028A/B - LINGUISTICS: APPLICATIONS & EXTENSIONS

Acquaints students with human language and how it relates to society and to the mind. Topics include applications of linguistics, such as language acquisition, language and law, language disorders, and language variation across time, space and society.

**Prerequisite(s):** One of Anthropology 1027A/B, Linguistics 2288A/B, (both French 2805A/B, French 2806A/B), Spanish 3303A/B, the former French 2800 or permission of Linguistics program.

3 lecture hours. 0.5 course (Main)

## MANAGEMENT & ORGANIZATIONAL STUDIES

### 1020A/B - INTRODUCTION TO MANAGEMENT AND ORGANIZATIONAL STUDIES

A multidisciplinary introduction to Management and Organizational Studies within the Faculty of Social Science.

**Prerequisite(s):** Enrolment in BMOS.  
2 lecture hours, 1 tutorial hour. 0.5 course (Brescia, Huron, King's)

### 1021A/B - INTRODUCTION TO CONSUMER BEHAVIOUR & HUMAN RESOURCES

This course introduces students to the study of management and organizations, based on best available evidence. Coverage includes consumer behavior and human resource management. These disciplines, which are informed by social science research, are fundamental to understanding products, consumer choice, markets, and the interface between employers and the organization.

**Prerequisite(s):** Enrolment in BMOS.

**Pre- or Corequisite(s):** MOS 1023A/B

3 lecture hours. 0.5 course (Brescia)

### 1021A/B - INTRODUCTION TO CONSUMER BEHAVIOUR AND HUMAN RESOURCES

This course introduces students to the study of management and organizations based on best available evidence. 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 (Main)

### 1022F/G - INTRODUCTION TO AVIATION

This course is designed as a survey of Commercial Aviation. Topics include: History of Aviation Transportation, Flight Theory and Performance, Aviation Business, Human Factors, Canadian Airspace, Air Traffic Control, and Aviation Safety.

**Prerequisite(s):** Enrolment in the Commercial Aviation module of BMOS.

3 lecture hours. 0.5 course (Main)

### 1023A/B - 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) at Main:** Enrolment in BMOS on Main Campus or Music Administrative Studies (MAS)

**Prerequisite(s) at Brescia:** Enrolment in BMOS.

**Pre- or Corequisite(s) at Brescia:** MOS 1021A/B.

3 lecture hours. 0.5 course (Brescia, Main)

### 1025A/B - NONPROFIT ORGANIZATIONS AND THEIR ENVIRONMENT

This course will introduce students to nonprofit organizations and the nature of the political, social, economic, regulatory, and cultural context in which they operate. Topics will include governance and organizational structure, resource acquisition, public and government relations, volunteer management, partnerships and accountability. The course will prepare students for the unique strategic challenges in leading nonprofit organizations.

3 lecture hours. 0.5 course (Brescia)

### 1033A/B - INFORMATION TECHNOLOGY IN THE COMMERCIAL ENVIRONMENT

This course covers the skills and information used by business managers to become literate in the Information Technology environment without becoming an expert. Students will understand what current options and issues exist in I.T., the terminology, project management and will develop specific software skills useful to an efficient manager.

**Antirequisite(s):** Computer Science 1032A/B, and all Computer Science courses numbered 2200 or higher.

3 lecture hours. 0.5 course (King's)

## MATHEMATICS

### 0105A/B - PRECALCULUS MATHEMATICS

Set theory, algebra, functions and relations, trigonometry, logarithms and exponents.

**Antirequisite(s):** Ontario Secondary School MCV4U, any university level calculus course.

**Prerequisite(s):** One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent.

3 hours. 0.5 course (Brescia, King's)

### 0110A/B - INTRODUCTORY CALCULUS

Introduction to differential calculus including limits, continuity, definition of derivative, rules for differentiation, implicit differentiation, velocity, acceleration, related rates, maxima and minima, exponential functions, logarithmic functions, differentiation of exponential and logarithmic functions, curve sketching.

**Antirequisite(s):** Mathematics 1225A/B, Calculus 1000A/B, Calculus 1500A/B, Applied Mathematics 1413.

**Prerequisite(s):** One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent.

4 lecture hours. 0.5 course (Brescia, Huron, King's, Main)

### 1120A/B - FUNDAMENTAL CONCEPTS IN MATHEMATICS

Primarily for students interested in pursuing a degree in one of the mathematical sciences. Logic, set theory, relations, functions and operations, careful study of the integers, discussion of the real and complex numbers, polynomials, and infinite sets.

**Antirequisite(s):** Mathematics 2155F/G, or the former Mathematics 2155A/B.

**Prerequisite(s):** One or more of Ontario Secondary School MCV4U, Mathematics 1600A/B.

4 lecture hours. 0.5 course (Main)

### 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.

**Antirequisite(s) at Main:** Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1230A/B. 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 Brescia, Huron, King's:**

Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1230A/B, Calculus 1000A/B or Calculus 1500A/B taken after

## COURSES

September 1, 2016.

**Prerequisite(s):** Ontario Secondary School MCV4U or Mathematics 0110A/B.

3 lecture hours. 0.5 course (Brescia, Huron, King's, Main)

### 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 0110A/B, Mathematics 1225A/B, Mathematics 1229A/B.

3 lecture hours. 0.5 course (Brescia, Huron, King's, Main)

### 1229A/B - 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):** Applied Mathematics 1411A/B, Applied Mathematics 2811B, Mathematics 1600A/B, Mathematics 2120A/B, Mathematics 2155F/G, Mathematics 2211A/B, the former Mathematics 2155A/B.

**Prerequisite(s):** One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent.

3 lecture hours. 0.5 course (Brescia, Huron, King's, Main)

### 1230A/B - CALCULUS FOR SOCIAL SCIENCES

Review of differential calculus with transcendental functions; methods of integration; constrained and unconstrained multivariable optimization, with applications; mathematical modelling with differential equations, including applications in management, finance, economics, and social science.

**Antirequisite(s):** Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Math 1225A/B.

**Prerequisite(s):** One or more of Ontario Secondary School MCV4U, Mathematics 0110A/B.

4 lecture hours. 0.5 course (Brescia, Huron, King's)

### 1600A/B - LINEAR ALGEBRA I

Properties and applications of vectors; matrix algebra; solving systems of linear equations; determinants; vector spaces; orthogonality; eigenvalues and eigenvectors.

**Antirequisite(s):** Applied Mathematics 1411A/B, Applied Mathematics 2811B.

**Prerequisite(s):** One or more of Ontario Secondary School MCV4U, Mathematics 1229A/B, Calculus 1000A/B or Calculus 1500A/B, the former Calculus 1100A/B. Calculus 1000A/B or Calculus 1500A/B may be taken as a pre- or corequisite.

3 lecture hours, 1 laboratory hour. 0.5 course (Brescia, Huron, King's, Main)

## MEDIA, INFORMATION &

## TECHNOCULTURE

### 1020E - INTRODUCTION TO MEDIA, INFORMATION, AND TECHNOCULTURE

This survey course introduces students to the critical study of mediated communication and explores the ways technology, information, and media interact with culture and society. Topics may include: cultural industries, political economy, identity/diversity, promotional culture, the information society, political communication, journalism studies, and social media.

**Antirequisite(s):** MIT 1021F/G and/or MIT 1022F/G, the former MIT 1200F/G, MIT 1500F/G and/or MIT 1700F/G.

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1021F/G - INTRODUCTION TO MEDIA, INFORMATION AND TECHNOCULTURE I

The first of two half-courses that introduces students to the critical study of mediated communication and explores the ways technology, information, and media interact with culture and society. Topics may include: cultural industries, political economy, identity/diversity, promotional culture, the information society, political communication, journalism studies, and social media.

**Antirequisite(s):** MIT 1020E, the former MIT 1200F/G, MIT 1500F/G and/or MIT 1700F/G.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

### 1022F/G - INTRODUCTION TO MEDIA, INFORMATION AND TECHNOCULTURE II

The second of two half-courses that introduces students to the critical study of mediated communication and explores the ways technology, information, and media interact with culture and society. Topics may include: cultural industries, political economy, identity/diversity, promotional culture, the information society, political communication, journalism studies, and social media.

**Antirequisite(s):** MIT 1020E, the former MIT 1200F/G, MIT 1500F/G and/or MIT 1700F/G.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

### 1025F/G - FIRST YEAR FOUNDATIONS

This writing-intensive course provides first-year FIMS students with foundational skills in scholarly research, appropriate evaluation of information sources, and textual, visual, and media analysis. In a combination of lectures and tutorials, students will produce short projects that reflect a number of modes of interpretation and analyze a variety of media.

1 lecture hour, 2 tutorial hours. 0.5 course (Main)

### 1050A/B - NAVIGATING OUR MEDIA LANDSCAPE: #MEDIACULTURE

Media permeate every nook and cranny of our daily lives. This course examines how we use media to shape our world through social networking, advertising and branding, activism and politics, privacy and surveillance, celebrity and entertainment culture, sounds and music, representation and identity, and global news and media.

3 lecture hours. 0.5 course (Main)

### 1070A/B – First Year Foundations in Media Production

This course introduces students to the technical and creative production of mediated communication. They will learn basic production principles and use these to analyze and create audio, visual and digital content related to and derived from mass communication through a variety of in-class exercises and creative

projects.

3 lecture hours, 0.5 course. (Main)

## MEDIEVAL STUDIES

### 1022 - INTRODUCTION TO MEDIEVAL STUDIES

This course will introduce civilization and thought in Europe and the Mediterranean between 400 and 1500, with emphasis on the medieval roots of many modern institutions and attitudes, including philosophy, technology, law, governance, courtly love and attitudes to women, warfare, art and archaeology, Christianity and Islam, literature, music and coinage.

**Antirequisite(s):** Medieval Studies 1025A/B, Medieval Studies 1026A/B, and the former Medieval Studies 1020E.

3 hours. 1.0 course (Main)

### 1025A/B - INTRODUCTION TO THE MEDIEVAL WORLD

This course will introduce civilization and thought in Europe and the Mediterranean between 400 and 1500, with emphasis on the history, technology, law, governance, theology and philosophy of the period. It will focus on a theme, concept or moment in history, such as witchcraft, the Apocalypse, or the Crusades.

**Antirequisite(s):** Medieval Studies 1022 or the former Medieval Studies 1020E.

3 hours. 0.5 course (Main)

### 1026A/B - INTRODUCTION TO MEDIEVAL CULTURES AND LITERATURES

This course will introduce civilization and thought in Europe and the Mediterranean between 400 and 1500, with emphasis on the cultures, art, music and literatures of the period. It will focus on a theme, concept or moment in history, such as courtly love and attitudes to women, warfare and weaponry, or the farce.

**Antirequisite(s):** Medieval Studies 1022 or the former Medieval Studies 1020E.

3 hours. 0.5 course (Main)

## MUSIC

### 0601A/B - THEORETICAL STUDIES: FOUNDATIONS

Review of theory rudiments. Study of melody writing and elementary harmony.

3 hours, half course. No credit. (Main)

### 0914 - PIANO REQUIREMENT

Students whose principal instrument is other than piano, organ, or harpsichord must demonstrate keyboard proficiency of at least the Conservatory Grade VI level, either by presentation of a Conservatory certificate, or by passing an equivalent test offered periodically by the Faculty. Satisfaction of this requirement is strongly recommended before entrance to the BMus (Honors) programs. Students needing instruction to meet this requirement must make their own arrangements at their own expense. No credit. (Main)

### 1102A/B - LISTENING TO MUSIC

A basic course to acquaint students with the materials of music and to give a broad perspective of the history of music. Through guided listening, the student will be exposed to a wide variety of musical styles.

**Antirequisite(s):** Music 1140.

3 hours. May be available for credit in BA (Music) programs with permission of the Dean. Open to non-music students. 0.5 course (Main)

### 1122A/B - FUNDAMENTALS OF MUSIC THEORY

A concise introduction to music theory that will develop both practical and intellectual fluency with musical skills and concepts. Not available for credit for music students.

3 hours. 0.5 course (Main)

#### 1140 - PERFORMANCE AND SURVEY OF MUSIC LITERATURE I

This course is divided into two parts. To obtain credit, both parts must be taken. Performance: Individual lessons arranged by the Faculty of Music. Credit for this course will be determined by the student's progress during the year and by a final performance examination. Survey of Music Literature I: Baroque, Classic and Romantic repertoire. Students will be expected to prepare works for class performance. May be available for credit in BA(Music) programs with permission of the Dean.

**Antirequisite(s):** Music 1102A/B.

**Prerequisite(s):** Grade VI level demonstrated by audition. Non music students must contact the Faculty of Music before classes begin to receive audition information. Students will be billed a fee upon registration. (See Fees section of Calendar.)

1.0 course (Main)

#### 1170A/B/Y - INTRODUCTION TO MUSICS OF THE WORLD

A survey of music cultures from across the world, including Indigenous musics. The course explores both the organization of musical sound and uses of music in social life. Lecture format, audio and video examples, guest presentations, and hands-on experience.

3 hours. 0.5 course (Main)

#### 1629A/B - INTRODUCTION TO COMPOSITION

Introduction to musical elements and manipulation (pitch, rhythm, intensity, timbre, texture, and form), and appropriate repertoire.

3 hours. 0.5 course (Main)

#### 1639 - GENERAL INTEGRATED MUSICIANSHIP I

Musicianship skills for basic diatonic materials. Topics include an introduction to solfège, tonal listening, sight singing, dictation and keyboard harmony.

**Antirequisite(s):** The former Music 1635A/B.

**Corequisite(s):** Music 1649A/B.

1 lecture hour, 1 tutorial hour, 0.25 course, 4 months duration. (Main)

#### 1641 - GENERAL INTEGRATED MUSICIANSHIP II

A continuation of Music 1639. Musicianship skills for advanced diatonic materials. Topics include sight singing, dictation and keyboard harmony.

**Antirequisite(s):** The former Music 1636A/B.

**Prerequisite(s):** Music 1639 or the former Music 1635A/B.

**Corequisite(s):** Music 1651A/B.

1 lecture hour, 1 tutorial hour, 0.25 course, 4 months duration. (Main)

#### 1649A/B - STUDIES IN THEORY I

Basic theory and analysis of tonal music from c.1700 to the early nineteenth century. Topics covered include diatonic harmony and voice-leading, the concept and practice of tonality, basic tonicization and modulation, and an introduction to musical form.

**Prerequisite(s):** Music 0601A/B or demonstrated competence in theory rudiments, melody writing and elementary harmony.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

#### 1651A/B - STUDIES IN THEORY II

Continuation of Music 1649A/B. Intermediate theory and analysis of tonal music. Topics covered include harmonic sequences, an introduction to chromatic harmony, and the small forms of tonal music.

**Antirequisite(s):** Music 2649A/B, the former Music 1650A/B.

**Prerequisite(s):** Music 1649A/B.

2 lecture hours, 1 tutorial hour, 0.5 course. (Main)

#### 1695A/B/Y - INTRODUCTION TO ELECTROACOUSTIC MUSIC SYSTEMS

This course will introduce technical concepts and identification skills related to electroacoustic music processes abundantly prevalent in music today.

3 hours. Open to music and non-music students.

0.5 course (Main)

#### 1710F/G - MUSIC HISTORY: INTRODUCTION

Consideration of various approaches to studying the history of music: guided listening, writing about music, library resources.

3 hours. 0.5 course (Main)

#### 1730A/B - INTRODUCTION TO POPULAR MUSIC AND CULTURE

Introduction to the study of the culture and history of popular music of the twentieth and twenty-first centuries and its links to other arts and media.

**Prerequisite(s):** Music 1710F/G.

3 hours. 0.5 course (Main)

#### 1750F/G - MUSIC HISTORY: C. 900 TO C. 1750

Survey of music from the Medieval, Renaissance and Baroque periods.

**Antirequisite(s):** Music 2710F/G, the former Music 1711F/G.

**Prerequisite(s):** Music 1710F/G.

3 hours, 0.5 course. (Main)

#### 1802A/B - TEACHING AND LEARNING MUSIC

Introduction to music learning theories and how to facilitate musical development. Explores principles of music teaching across the lifespan. Develops awareness of diverse methodological approaches used in studio, classroom, and community settings.

**Antirequisite(s):** The former Music 1800A/B.

3 lecture hours, 1 laboratory hour, 0.5 course. (Main)

#### 1901 - ORCHESTRA

The rehearsal and performance of orchestral repertoire from the Baroque to the present. Ensembles will include Western Symphony and Western Chamber Orchestra.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1902 - WIND ENSEMBLE

The rehearsal and performance of repertoire for winds, brass and percussion.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1903 - SYMPHONIC BAND

The rehearsal and performance of repertoire for winds, brass and percussion.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1904 - JAZZ ENSEMBLE

The rehearsal and performance of repertoire for jazz ensembles.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1905 - EARLY MUSIC ENSEMBLE

The rehearsal and performance of early music.

**Prerequisite(s):** Audition and interview.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1906 - ACCOMPANYING

Faculty supervised accompanying of (1) two non-Performance majors, or (2) one Performance major, or (3) an approved ensemble, in rehearsals and performances.

4 hours plus performances and juries. Meets large ensemble requirement. 0.0 course (Main)

#### 1910 - WESTERN SINGERS

The rehearsal and performance of repertoire for mixed choir.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1911 - LES CHORISTES

The rehearsal and performance of repertoire for womens choir.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1912 - ST CECILIA SINGERS

The rehearsal and performance of repertoire for womens choir.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1913 - CHORALE

The rehearsal and performance of repertoire for mixed choir.

4 hours plus performances. Meets large ensemble requirement. 0.0 course (Main)

#### 1920 - APPLIED PRINCIPAL INSTRUMENT I

Lessons in the student's principal instrument and participation in performance class. For students registered in a degree program in Music.

1.0 course (Main)

#### 1925 - ELECTIVE APPLIED STUDY I

Individual lessons. For students registered in a Faculty other than Music, and for Music students registered in a year in which Applied Music study is not required, or who are eligible for the study of more than one principal instrument.

**Prerequisite(s):** Audition and permission of the Dean. Non music students must contact the Faculty of Music before classes begin to receive audition information. Students will be billed a fee upon registration. (See Fees section of Calendar.)

1.0 course (Main)

#### 1953A/B/Y - INTRO TO HISTORICAL KEYBOARD: REPERTOIRE, TECHNIQUE & PERFORMANCE PRACTICE: 1600-1800

An introduction to the playing techniques, repertoire, and performance practices associated with keyboard music and keyboard instruments from 1600 to 1800.

0.5 course (Main)

#### 1954A/B/Y - PERCUSSION ENSEMBLE

The rehearsal and performance of a broad range of percussion ensemble repertoire including standard, world, jazz and contemporary styles. Further technical, musical and organization skills building on applied study are explored.

**Corequisite(s):** Open only to students also enrolled in Studio Percussion Music 1920, Music 2920, Music 3920, Music 4920, Music 2921, Music 3921, Music 4921, Music 3922, Music 4922, Music 4923, Music 1925, Music 2925, Music 3925, Music 4925, Music 3924Y, Music 4924Y, Music 3929 or Music 4929.

3 hours. Open to Music Students only. 0.5 course (Main)

## NURSING

## COURSES

### 1060A/B - FOUNDATIONAL CONCEPTS OF PROFESSIONAL NURSING I

This course provides an introduction to the philosophical, theoretical and ethical tenets of the nursing profession. The historical development of the profession, image of nursing, roles of nurses in the interprofessional team, and the framework for Registered Nursing practice in Ontario are explored.

**Prerequisite(s):** Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program 3 lecture hours. 0.5 course (Main)

### 1070A/B - HEALTH PROMOTION AND CARING FOR SELF, COLLEAGUES AND CLIENTS I

This interactive course enables the student to develop an understanding of caring and relational practice as the basis for health promotion in nursing. Nurses' responsibility for health promotion of self, colleagues, and clients is addressed in a variety of contexts.

**Prerequisite(s):** Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program 3 lecture hours. 0.5 course (Main)

### 1080A/B - HOLISTIC HEALTH ASSESSMENT I

This interactive course building upon Health Promotion and Caring for Self, Colleagues and Clients I, enables the student to continue to further develop an understanding of caring and relational practice as the basis for health promotion in nursing. Using a variety of theories, concepts and conceptual frameworks, the student will acquire an enhanced perspective of how individual values, beliefs, perceptions and experiences impact relationships with our selves, colleagues and clients.

**Prerequisite(s):** Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program 4 lecture/lab hours. 0.5 course (Main)

### 1160A/B - FOUNDATIONAL CONCEPTS OF PROFESSIONAL NURSING II

Building on part I, this course enables students to begin to develop the thinking processes and clinical judgement required for professional nursing practice from a strengths-based perspective. Students will begin to develop their personal philosophy of nursing practice.

**Prerequisite(s):** Nursing 1060A/B, with a grade of 65% or greater 3 lecture hours. 0.5 course (Main)

### 1170A/B - HEALTH PROMOTION AND CARING FOR SELF, COLLEAGUES AND CLIENTS II

This interactive course building upon Health Promotion and Caring for Self, Colleagues and Clients I, enables the student to continue to further develop an understanding of caring and relational practice as the basis for health promotion in nursing. Using a variety of theories, concepts and conceptual frameworks, the student will acquire an enhanced perspective of how individual values, beliefs, perceptions and experiences impact relationships with our selves, colleagues and clients.

**Prerequisite(s):** Nursing 1070A/B, with a grade of 65% or greater 3 lecture hours. 0.5 course (Main)

### 1180A/B - HOLISTIC HEALTH ASSESSMENT II

This course involves the application of previous learning to the holistic assessment of individuals focusing on concepts that support health across the lifespan. These include, but are not limited to areas such as oxygenation, circulation, mobility,

elimination, cognition and perception, with a focus on how to recognize and interpret data collected from clients.

**Prerequisite(s):** Nursing 1080A/B, with a grade of 65% or greater 4 lecture/lab hours. 0.5 course (Main)

## PERSIAN

### 1030 - PERSIAN (FARSI) FOR BEGINNERS

Introduction of oral and written Persian for students with little or no previous knowledge of the language. Develop your communicative skills while learning about the cultures of the Persian-speaking countries.

**Antirequisite(s):** Grade 12U Persian (Farsi), Persian 1035. 4 hours. 1.0 course (Main)

### 1035 - BEGINNER PERSIAN FOR HERITAGE SPEAKERS

For students with some background in Persian (heritage speakers), this course develops communicative skills, speaking, reading and writing in Persian. Students are enrolled on the basis of a placement test.

**Antirequisite(s):** Grade 12U Persian and Persian 1030. 4 lecture hours. 1.0 course (Main)

## PHILOSOPHY

### 1000E - INTRODUCTION TO PHILOSOPHY & CRITICAL THINKING

A survey of philosophical problems, with reference to both classical and contemporary philosophers. Topics include the mind/body problem, the existence of God, perception and matter, freedom and determinism. Basic principles of reasoning and critical thinking will be introduced to enhance the student's ability to evaluate the various forms of reasoning.

**Antirequisite(s):** Philosophy 1100E, Philosophy 1200, Philosophy 1300E.

**Prerequisite(s):** Registration restricted to Scholar's Elective students. 3 lecture hours, 1 tutorial hour biweekly. 1.0 course (Brescia)

### 1020 - INTRODUCTION TO PHILOSOPHY

Through readings, film and other media this course explores debates about knowledge, truth, reality, religion, morality, politics, and the meaning of life. A weekly tutorial hour will help students to develop skills of analysis and expression.

**Antirequisite(s):** Philosophy 1000E, Philosophy 1022E, Philosophy 1100E, Philosophy 1250F/G, Philosophy 1300E, Philosophy 1350F/G. 2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1022E - ADVANCED INTRODUCTION TO PHILOSOPHY

Questions about knowledge and reality, mind and body, morality and justice, truth and beauty, sex and gender, God's existence and attributes, and rationality and philosophical paradoxes are explored in this course designed for students with some acquaintance with philosophy who wish to further develop their analytic and expressive skills.

**Antirequisite(s):** Philosophy 1000E, Philosophy 1020, Philosophy 1100E, Philosophy 1250F/G, Philosophy 1300E, Philosophy 1350F/G. 2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1030A/B - UNDERSTANDING SCIENCE: HOW SCIENCE RELATES TO THE NATURAL AND SOCIAL WORLD

This non-essay course introduces conceptual

issues about science: What distinguishes science from non-science? Are there limits to what science can or should explain? What does science tell us about reality? What is the relationship between science and religion? What is the role and value of science in a democratic society?

3 hours. 0.5 course (Main)

### 1040F/G - ETHICS, LAW, AND POLITICS

Many problems faced by individuals and societies lie at the intersection of ethics, law, and politics. This course will consider issues that can be analyzed along ethical, legal, and/or political lines, with a focus on understanding the differences between moral, legal, and political arguments and solutions to contemporary societal problems.

3 hours. 0.5 course (Main)

### 1050F/G: Non-Western "Philosophies"

This course investigates non-European ways of thinking "philosophically." Students will study African oral traditions, Central-Asian, Chinese, Japanese, and Indigenous traditions by looking at their approach to fundamental questions: what is the human being? What is nature and what is our relation to it? What is knowledge and what is happiness?

3 hours, 0.5 course. (King's)

### 1100E - PHILOSOPHY FROM ANTIQUITY TO THE 20TH CENTURY

A study of selected works by great philosophers from Socrates to the present. Stress will be laid on the systematic unity of the thought of individual philosophers, and on the influence their ideas had on their followers and on the thought of the present day.

**Antirequisite(s) at Main:** Philosophy 1000E, Philosophy 1250F/G, Philosophy 1300E, Philosophy 1350F/G.

**Antirequisite(s) at Huron, King's:** Philosophy 1300E.

3 lecture hours. 1.0 course (Huron)

### 1130F/G - BIG IDEAS

Apparently simple conceptions sometimes especially capture our imagination. Examples: Descartes's "I think, therefore I am," McLuhan's "the medium is the message," or Plato's theory of forms. The course examines a great number of these simple ideas that are also the Big Ideas that no educated person should be ignorant of.

3 hours. 0.5 course (Brescia, Main)

### 1150E - INTRODUCTION TO THE WESTERN INTELLECTUAL TRADITION

A multi-media and interdisciplinary historical survey of some of the most important philosophers (e.g. Socrates, Plato, Aristotle, Descartes, Marx, Nietzsche), writers (e.g. Homer, Dante, Goethe, Dostoevsky, Kafka), and artists (da Vinci, Michelangelo, Rembrandt, Dali) that have shaped the course of Western thought and our contemporary world.

2 lecture hours, 1 tutorial hour, 1 screening hour. 1.0 course (King's)

### 1200 - REASONING AND CRITICAL THINKING

An introduction to basic principles of reasoning and critical thinking designed to enhance the student's ability to evaluate various forms of reasoning as found in everyday life as well as in academic disciplines. The course will deal with such topics as inductive and deductive reasoning, the nature and function of definitions, types of fallacies, the use and misuse of

statistics, and the rudiments of logic. Primarily for first-year students.

**Antirequisite(s):** Philosophy 1000E, Philosophy 1230A/B.

2 lecture hours, 1 tutorial hour. 1.0 course (Huron, Main)

### 1230A/B - REASONING AND CRITICAL THINKING

An introduction to the basic principles of reasoning and critical thinking designed to enhance the student's ability to evaluate various forms of reasoning found in everyday life as well as in academic disciplines. The course will deal with such topics as inductive and deductive reasoning, the nature and function of definitions, types of fallacies, the use and misuse of statistics, and the rudiments of logic. Primarily for first year students.

**Antirequisite(s) at Main:** Philosophy 1000E, Philosophy 1200.

**Antirequisite(s) at Brescia, Huron:** Philosophy 1200.

2 lecture hours, 1 tutorial hour (Main); 3 lecture hours (Brescia, Huron). 0.5 course (Brescia, Huron, Main)

### 1250F/G - RIGHT AND WRONG

A survey of selected philosophical problems in the areas of ethics and political/legal philosophy, with reference to works of both classical and contemporary philosophers. Specimen topics include ethical relativism, freedom and determinism, anarchy and government, and the justification of punishment. Primarily for first year students.

**Antirequisite(s):** Philosophy 1100E, Philosophy 1300E.

3 hours. 0.5 course (Huron)

### 1260A/B - TALKING PHILOSOPHY

Can animals speak? Is knowledge of language innate? How do words shape perceptions of the world? Is English in decline? Is it permissible to limit free speech? What should be done to preserve endangered languages? This accessible introduction to philosophy and language addresses such compelling issues, using web-based media.

3 hours. 0.5 course (Main)

### 1300E - INTRODUCTORY PHILOSOPHY

A survey of selected philosophical problems, with reference to both classical and contemporary philosophers. Specimen topics include: the mind/body problem, the existence of God, perception and matter, freedom and determinism. Primarily for first-year students.

**Antirequisite(s):** Philosophy 1100E

3 hours. 1.0 course (Brescia, Huron, King's)

### 1305F/G - QUESTIONS OF THE DAY

This course develops students' ability to approach disputed questions by seeing them from both sides, so that they reach their own view only after respecting a broad range of argument. Six questions will be considered, including human (over) population, the public funding of art, and the limits of religious freedom.

3 hours. 0.5 course (Brescia, King's, Main)

### 1340F/G - PHILOSOPHY THROUGH FILM

This course introduces students to philosophical inquiry through film. Certain films can be interpreted as attempting to answer our deepest questions. We will view films in order to explore the nature of truth, knowledge, time, self, evil, and life's meaning.

3 hours. 0.5 course (Brescia)

### 1350F/G - INTRODUCTION TO PHILOSOPHY (REALITY AND WHAT WE CAN KNOW OF IT)

A survey of selected philosophical problems in the areas of metaphysics and epistemology, with reference to works by both classical and contemporary philosophers. Specimen topics include the mind/body problem, the existence of God, skepticism and truth. Primarily for first year students.

**Antirequisite(s):** Philosophy 1100E, Philosophy 1300E.

3 hours. 0.5 course (Huron)

### 1360E - THE GREAT HUMAN QUESTIONS WE ALL ASK

An introduction to the great human questions we all ask: Who are we? Why are we? How can we live a good life? Why do we suffer, die, encounter evil? What are sex, love, and friendship? What can we know? What ought we to do? What may we hope for?

3 hours. 1.0 course (King's)

### 1361E - FINDING HAPPINESS: A JOURNEY THROUGH PHILOSOPHY

How do we find happiness in life? Is it through the fulfillment of desire, be it for pleasure, wealth, fame, companionship, knowledge, or union with God? Perhaps, paradoxically, it is by abandoning desire altogether and leading a simple life.

This course will explore how philosophy has responded to these issues.

3 hours. 1.0 course (King's)

### 1363 - CULTURE AND BEING HUMAN

Students will examine what it means to be human through an examination of how language, art, religion, social media, and technology construct our sense of self and our relationships to each other and the world. Questions include: Is there a common human nature? Who am I beyond my cultural identity?

3 hours. 1.0 course (King's)

### 1370A/B - FORM, THOUGHT, COMMUNICATION

An introduction to the grammatical structures of two kinds of languages - the natural ones people learn as first languages, and the artificial ones that logicians and others have invented to help in reasoning. Topics will include: subject-predicate construction; word classes; complex sentences; negation and its complication; referring, describing, and quantifying; time and tense.

3 hours. 0.5 course (Huron)

### 1901E - FOUNDATIONS IN WESTERN THOUGHT AND CIVILIZATION

The Philosophy unit of the King's Foundations in Western Thought and Civilization is an interdisciplinary historical survey of some of the most important philosophers (Plato, Aristotle, Descartes, Marx, Nietzsche, Derrida) and artists (da Vinci, Michelangelo, Rembrandt, Dali) that have shaped the course of Western thought and our contemporary world.

**Prerequisite(s):** Must be registered in the King's Foundations in Western Thought and Civilization, or the former Foundations in the Humanities.

**Corequisite(s):** English 1901E and History 1901E.

3 hours. There may be additional costs associated with field trips. 1.0 course (King's)

## PHYSICS

### 0010 - INTRODUCTION TO PHYSICS

An introduction to the concepts and theories of physics. Topics covered include the laws of dynamics and energy transformations;

electrical, gravitational, and magnetic fields; electromagnetic radiation; and the interface between energy and matter. Students will also develop inquiry skills, and an understanding of the scientific method.

**Antirequisite(s):** Grade 12U Physics or any university level Physics course.

**Prerequisite(s):** High School Physics (Grade 11 Advanced Level or equivalent) or permission of the Dean, and registration in the Preliminary Year program at Brescia University College.

2 lecture hours, 3 laboratory/tutorial hours. 1.0 course (Brescia)

### 1021 - CONCEPTUAL PHYSICS FOR NON-SCIENTISTS

The concepts of physics are presented without mathematics. The topics include motion, force, mass, energy, momentum, rotational motion, heat, sound, electricity, magnetism, optics, lasers, and relativity. Demonstrations are an important component. This non-laboratory course is particularly suitable for Arts and Humanities and Social Science students.

**Antirequisite(s):** Physics 1028A/B, Physics 1029A/B, Physics 1301A/B, Physics 1302A/B, Physics 1401A/B, Physics 1402A/B, Physics 1501A/B, Physics 1502A/B, the former Physics 1020, Physics 1024, Physics 1026, Grade 12U Physics (SPH4U) if taken within the three years prior to the start of this course.

2 lecture hours. 1.0 course (Main)

### 1028A/B - PHYSICS FOR THE BIOLOGICAL SCIENCES I

Fundamental physics concepts are introduced with an emphasis on applications in biological processes. Topics include bioenergetics (metabolism and respiration), membranes, electrical properties of molecules and principles of microscopy.

**Antirequisite(s):** Physics 1021, Physics 1301A/B, Physics 1302A/B, Physics 1401A/B, Physics 1402A/B, Physics 1501A/B, Physics 1502A/B, the former Physics 1020, Physics 1024, Physics 1026.

**Prerequisite(s):** One of the following: Grade 12U Advanced Functions (MHF4U), Mathematics 0110A/B.

3 lecture hours, 3 laboratory/tutorial hours. 0.5 course (Main)

### 1029A/B - PHYSICS FOR THE BIOLOGICAL SCIENCES II

Fundamental physics concepts are introduced with an emphasis on applications in biological processes. Topics include: nerve electricity, the eye and color vision, elasticity and sound, the cardiovascular system and biomechanics.

**Antirequisite(s):** Physics 1021, Physics 1302A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1020, Physics 1024, Physics 1026.

**Prerequisite(s):** One of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B.

3 lecture hours, 3 laboratory/tutorial hours. 0.5 course (Main)

### 1301A/B - INTRODUCTORY PHYSICS I

An introductory calculus-based laboratory course in physics covering the foundational principles of kinematics, force and motion, energy, linear momentum, rotation, torque and angular momentum, gravitation, fluids.

**Antirequisite(s):** Physics 1021, Physics 1028A/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 0110A/B.

3 lecture hours, 3 laboratory/tutorial hours.

## COURSES

Note: The department recommends that students also take a concurrent course that includes Calculus. This course, together with Physics 1302A/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 (Main)

### 1302A/B - 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 1021, Physics 1029A/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 (Main)

### 1401A/B - PHYSICS FOR ENGINEERING STUDENTS I

An introductory calculus-based laboratory course in physics covering the foundational principles of kinematics, force and motion, energy, linear momentum, rotation, torque and angular momentum, gravitation, fluids.

**Antirequisite(s):** Physics 1021, Physics 1028A/B, Physics 1301A/B, Physics 1501A/B, the former Physics 1020, Physics 1024, Physics 1026.

**Prerequisite(s):** Grade 12U Calculus and Vectors (MCV4U) or Mathematics 0110A/B.

3 lecture hours, 3 laboratory/tutorial hours.

Note: Registration is restricted to students in the Faculty of Engineering. 0.5 course (Main)

### 1402A/B - PHYSICS FOR ENGINEERING STUDENTS 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 1021, Physics 1029A/B, Physics 1302A/B, Physics 1502A/B, the former Physics 1020, Physics 1024, Physics 1026.

**Prerequisite(s):** Physics 1401A/B or permission of the Department.

3 lecture hours, 3 laboratory/tutorial hours.

Note: Registration is restricted to students in the Faculty of Engineering. 0.5 course (Main)

### 1501A/B - ENRICHED INTRODUCTORY PHYSICS I

A calculus-based laboratory course for students intending to pursue further studies in science, particularly the physical sciences. Newton's laws, energy, linear momentum, rotations and angular momentum, gravitation and planetary motion.

**Antirequisite(s):** Physics 1021, Physics 1028A/B, Physics 1301A/B, Physics 1401A/B, the former Physics 1020, Physics 1024, Physics 1026.

**Corequisite(s):** Calculus 1000A/B or Calculus 1100A/B or Calculus 1500A/B or Applied Mathematics 1413.

3 lecture hours, 3 laboratory/tutorial hours.

Note: This course, together with Physics 1502A/B, is a suitable prerequisite for all modules in the Faculty of Science, for all modules offered by the basic medical science departments and for professional schools having a Physics requirement. 0.5 course (Main)

### 1502A/B - ENRICHED INTRODUCTORY PHYSICS II

A calculus-based laboratory course for students intending to pursue further studies in science, particularly the physical sciences. Relativity, the electromagnetic interaction, the strong and weak interactions, oscillations and waves.

**Antirequisite(s):** Physics 1021, Physics 1029A/B, Physics 1302A/B, Physics 1402A/B, the former Physics 1020, Physics 1024, Physics 1026.

**Prerequisite(s):** one of Physics 1501A/B (preferred) or Physics 1301A/B, or Physics 1401A/B or a minimum mark of 80% in Physics 1028A/B; Calculus 1000A/B or Calculus 1100A/B or Calculus 1500A/B.

**Corequisite(s):** Calculus 1501A/B (preferred) or Calculus 1301A/B, or Applied Mathematics 1413.

3 lecture hours, 3 laboratory/tutorial hours.

Note: This course, together with Physics 1501A/B, is a suitable prerequisite for all modules in the Faculty of Science, for modules offered by the basic medical science departments and for professional schools having a Physics requirement. 0.5 course (Main)

## PHYSIOLOGY

### 1020 - HUMAN PHYSIOLOGY

A survey course outlining the principles of human/mammalian physiology; general properties of the living cell and the internal environment; neural, muscle, cardiovascular, respiratory, gastrointestinal, renal and endocrine systems; metabolism, reproduction and homeostasis.

**Antirequisite(s):** Physiology 1021, Physiology 2130, Physiology 3120.

**Prerequisite(s):** Grade 12U (SBI4U) Biology and Grade 12U (SCH4U) Chemistry, or their equivalent. First year courses in Biology and Chemistry are recommended.

Limited to students enrolled in the Nursing program. 2 lecture hours, 1 tutorial hour. 1.0 course (Main)

### 1021 - INTRODUCTION TO HUMAN PHYSIOLOGY

An introductory course, outlining the principles of human/mammalian physiology along with a general survey of various physiological systems (e.g. cardiovascular, renal, neural, motor, gastrointestinal, endocrine, respiratory, etc.).

**Antirequisite(s):** Physiology 1020, Physiology 2130, Physiology 3120.

**Prerequisite(s):** Grade 12U Biology or its equivalent. Grade 12U Chemistry is recommended.

Limited to students enrolled in first year Kinesiology.

2 lecture hours, 1 tutorial hour. 1.0 course (Main)

## 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 hours. 1.0 course (Brescia, Huron, King's, Main)

## PORTUGUESE

### 1030 - PORTUGUESE FOR BEGINNERS

An introduction to understanding, speaking, reading, and writing Portuguese, with emphasis on oral skills. Intended for students with little or no previous knowledge of Portuguese. Prepares students directly for Portuguese 2200. Note that students who have successfully completed Grade 12U Portuguese or equivalent cannot take this course for credit.

**Antirequisite(s):** Grade 12U Portuguese. 4 hours. 1.0 course (Main)

## PSYCHOLOGY

### 0010A/B - INTRODUCTION TO PSYCHOLOGICAL PRINCIPLES

This course introduces students to the biological bases (evolutionary, genetic, and physiological) 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 (Brescia)

### 0015A/B - 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 0010A/B and registration in a Preliminary Year Program at Brescia University College. 3 hours. 0.5 course (Brescia)

### 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 and motivation, verbal and cognitive processes, developmental psychology, social psychology, individual differences (intelligence and personality), and clinical psychology.

**Antirequisite(s):** Psychology 1000W/X, Psychology 1100E.

3 lecture hours.

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. 1.0 course (Brescia, Huron, King's, Main)

### 1000W/X - 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 and motivation, verbal and cognitive processes, developmental psychology, social psychology, individual differences (intelligence and personality), and clinical psychology.

This is a 1.0 unit condensed course, meeting for 3.0 hours, twice weekly, for a total of 6.0 hours/week.

**Antirequisite(s):** Psychology 1000, Psychology 1100E.

6 lecture hours. Note: Psychology 1000, and Psychology1000W/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. 1.0 course (King's)

### 1001E - LABORATORY UPGRADE

This course is designed to provide students who have a credit in Psychology 1000 or equivalent with the laboratory experience that is part of Psychology 1100E but not Psychology 1000. Successful completion of Psychology 1000 plus 1001E will be accepted as the equivalent of credit in Psychology 1100E for purposes of entry into courses and modules at Huron.

**Antirequisite(s):** Music 1102A/B.

**Prerequisite(s):** at least 70% in Psychology 1000 and a 70% average in the best 5.0 courses taken to fulfill first-year requirements.

1.0 hour per week. 1.0 course (Huron)

### 1100E - METHOD/GENERAL PSYCHOLOGY

An introduction to method and content in psychology. The content areas covered include physiological psychology, perception, learning and motivation, memory and cognition, developmental psychology, individual differences, personality, social psychology, and applied psychology. Method is studied through direct experience with research design and the collection, statistical treatment and reporting of data.

**Antirequisite(s):** Psychology 1000, the former Psychology 1200 and Psychology 100.

2 lecture hours, 1 laboratory hour. Note: Normally, a prerequisite for senior courses at Huron College. 1.0 course (Huron)

## RELIGIOUS STUDIES

### 0011 - CONTEMPORARY RELIGIOUS QUESTS

An introduction to Religious Studies based on autobiographies and/or biographies of twentieth-century persons representing different religious perspectives and walks of life. Lectures, discussions of written materials and films.

**Antirequisite(s):** Religious Studies 1031E.

2 lecture hours / 1 seminar hour. 1.0 course (Brescia)

### 1010F/G - RELIGION, THEOLOGY AND GLOBAL ISSUES

Introduction of religious studies and theology from a global perspective. Topics include theological and religious perspectives on: culture(s), politics, economics, sexuality, violence, identity and community, and spirituality.

3 hours. 0.5 course (Huron)

### 1015F/G - RELIGION AND DIFFERENCE

An introduction to religion and theology, this course considers the way religious beliefs and practices draw distinctions, create boundaries, and establish limits. In addition to exploring how these lines are drawn, and why they matter, we consider strategies to close the distance these

domains create in everyday life.

3 hours. 0.5 course (Huron)

### 1020A/B - BEAUTY AND BELIEF

An exploration of Christian beliefs through a study of various medium including paintings, icons, sculpture, church architecture, liturgical and devotional acts and their implication for religious faith and imagination.

3 hours. 0.5 course (King's)

### 1022A/B - PERPLEXING ISSUES

An examination of selected thought provoking questions such as "What's after death?"; "Why do bad things happen to good people?"; "Why are religions in conflict, sometimes violently?"; "Do miracles happen?";. The aim of this introductory study is to broaden students' awareness of religious ways of understanding the human condition.

3 hours. 0.5 course (King's)

### 1023E - INTRODUCTION TO WORLD RELIGIONS

An introduction to the rich and varied religions of the world, past and present, set within their historical and cultural contexts. In the First Term, we delve into Hinduism, Jainism, Buddhism (Indian, Chinese, and Japanese), Sikhism, Confucianism, Daoism, and Shinto; in the Second Term, we examine Judaism, Christianity and Islam.

**Antirequisite(s):** Religious Studies 2130, Religious Studies 2203F/G.

3 hours. 1.0 course (King's)

### 1026F/G - INTRODUCTION TO THE OLD TESTAMENT I: RELIGIOUS THEMES

Introduction to the legal, prophetic, wisdom and liturgical literature of the Old Testament and to the ideas which each type of material emphasizes.

**Antirequisite(s):** All 1020 level Religious Studies courses except Religious Studies 1028F/G and Religious Studies 1029.

3 hours. 0.5 course (Brescia)

### 1027E - INTRODUCTION TO CATHOLIC CHRISTIANITY

This course introduces students to fundamental questions about human existence, the world, and God, and the ways in which the Catholic tradition in all its diversity has addressed these questions. Themes include: the nature of God, the destiny of creation and the meaning of Jesus Christ for salvation.

3 hours. 1.0 course (King's)

### 1028F/G - INTRODUCTION TO THE NEW TESTAMENT I: THE GOSPELS

A general survey of the four canonical gospels which highlights their characteristic literary features and their distinctive theological emphases.

**Antirequisite(s):** The former Religious Studies 145 and all 1020 level Religious Studies courses except Religious Studies 1026F/G and Religious Studies 1029.

3 hours. 0.5 course (Brescia)

### 1029 - AN INTRODUCTION TO NEW TESTAMENT GREEK

3 hours. 1.0 course (Huron)

### 1031E - CONTEMPORARY RELIGIOUS QUESTS

An introduction to Religious Studies which incorporates the autobiographies and/or biographies of contemporary men and women representing different religious perspectives and walks of life. The course introduces students to

the theory of religion: its meaning and function in culture and in the lives of individuals.

**Antirequisite(s):** Religious Studies 0011.

2 lecture hours / 1 seminar hour. 1.0 course (Brescia)

### 1033A/B - THE MEANING OF LIFE AT THE MOVIES

An exploration of religious assumptions (including assumptions about how a person can live and die well) in contemporary films.

2 lecture hours, 2 screening hours. 0.5 course (King's)

## RUSSIAN

### 1030 - RUSSIAN FOR BEGINNERS

An introduction to spoken and written Russian for students with no previous knowledge of Russian. Offers a basis for further work in commercial and scientific fields, political science, and foreign affairs, as well as the study of Russian literature in the original. Note that students who have successfully completed Grade 12U Russian or equivalent cannot take this course for credit.

**Antirequisite(s):** Grade 12U Russian.

4 hours. 1.0 course (Main)

## SCHOLARS' ELECTIVES

### 1100F/G - FIRST YEAR YEAR SCHOLAR'S ELECTIVES SEMINAR COURSE

This course will examine a theme of academic and/or public importance that is determined each year.

**Antirequisite(s):** Scholars Electives 1020Y.

**Prerequisite(s):** Restricted to first-year Scholar's Electives Students

2 hours per week. 0.5 course (Main)

## SOCIAL JUSTICE & PEACE STUDIES

### 1025F/G - INTRODUCTION TO SOCIAL JUSTICE AND PEACE STUDIES

An interdisciplinary introduction to theories and strategies for pursuing social justice and peace. The course confronts the ethical implications of the structure and ideology of globalization under capitalism, the military industrial complex, war, corporate power, inequality, poverty, labour conflict, indigenous rights, gender issues, diversity, and environmental degradation, among other issues.

**Antirequisite(s):** The former Social Justice and Peace Studies 1020E.

3 hours. 0.5 course (King's)

### 1026F/G - APPROACHES TO SOCIAL JUSTICE AND PEACE STUDIES

This course provides a comprehensive survey of theoretical approaches to social justice and peace. It examines contemporary theories of justice, such as utilitarian, libertarian, distributive, procedural, religious and feminist. It examines contemporary theories of peace such as conflict resolution, pacifism, non-violence, war and humanitarian intervention.

**Antirequisite(s):** The former Social Justice and Peace Studies 2200E.

**Prerequisite(s):** Social Justice and Peace Studies 1025F/G, or the former Social Justice and Peace Studies 1020E.

3 hours. 0.5 course (King's)

## SOCIAL WORK

### 1021A/B - 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 (King's)

### 1022A/B - 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 (King's)

## SOCIOLOGY

### 0010A/B - 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 (Brescia)

### 0011A/B - UNDERSTANDING SOCIETY: SOCIAL INSTITUTIONS AND SOCIAL CHANGE

This course explores different social institutions and the dynamics of social change. Topics include the sociological perspective and research techniques, families, education, religion, health, mass media, aging, the economy and work, population, collective behaviour, and urbanization.

**Antirequisite(s):** Sociology 0012.

For students registered in the Preliminary Year program only. 0.5 course (Brescia)

### 0012 - INDIVIDUAL AND SOCIETY

Focusing on the relationship between individuals and society, this course will provide students with a critical introduction to the themes of society, culture, diversity and identity.

**Antirequisite(s):** The former Sociology 010.

3 hours. For students registered in the Preliminary Year program only. 1.0 course (Brescia)

### 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:** Sociology 1021E.

**Antirequisite(s) at Brescia, Huron, King's:** Sociology 1020W/X, 1021E.

2 lecture hours, 1 tutorial hour. 1.0 course (Brescia, Huron, King's, Main)

### 1020W/X - 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. This is a 1.0 unit condensed course, meeting for 3.0 hours, twice weekly, for a total of 6.0 hours/week.

**Antirequisite(s):** Sociology 1021E, Sociology 1020.

4 lecture hours, 2 tutorial hours. 1.0 course (Brescia, King's)

### 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:** Sociology 1020.

**Antirequisite(s) at Brescia, Huron, King's:** Sociology 1020, Sociology 1020W/X.

2 lecture hours, 1 tutorial hour. 1.0 course (Brescia, Huron, King's, Main)

### 1025A/B - SOCIETY AND YOU

The sociological imagination helps us see how society shapes our lives and how we, as individuals, can change society. It also helps us understand the relationship between problems we face as individuals and issues in society as a whole. We focus on three core issues: inequality, institutions, and social change.

3 lecture hours. 0.5 course (Main)

### 1026F/G - 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 disclose what likely are their underlying economic, political, religious, educational and gender/sexual themes.

3 lecture hours. 0.5 course (Main)

### 1027A/B - LIFE IS NOT ALWAYS FAIR

In this introductory sociology course, we will challenge commonly held assumptions about individual success, talent and merit. Students will be introduced to important sociological debates about the nature of inequality, and how different social institutions and processes are implicated in the creation and maintenance of this inequality.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

### 1050A/B - AN INTRO TO COMMUNITY, SERVICE AND ACTIVE CITIZENSHIP

Students will be introduced to the interdisciplinary study of community and asset-based community development through service-learning. Emphasis will be placed on how diversity impacts on community, as well as how to become diversity-competent.

3 hours.

Sociology 1050A/B does not serve as a prerequisite for other Sociology courses and may not be used to fulfill the requirements for entry into the Sociology modules. 0.5 course (Brescia)

## SPANISH

### 1030 - SPANISH FOR BEGINNERS

Using traditional and communicative practices (songs, videos, films, games) this course prepares students to interact in a daily life context and provides the foundation for continued studies in Spanish. Designed for students with little or no knowledge of Spanish. Includes a Community Service Learning option.

**Antirequisite(s):** Grade 12U Spanish, Spanish

1030W/X.

3 lecture hours plus 1 hour online (Main); Those students with Grade 12U Spanish (or equivalent) must consult the Department before registering for this course (Brescia, King's). 1.0 course (Brescia, King's, Main)

### 1030W/X - SPANISH FOR BEGINNERS (ACCELERATED)

Using traditional and communicative practices (songs, videos, films, games) this course prepares students to interact in a daily life context and provides the foundation for continued studies in Spanish. Designed for students with little or no knowledge of Spanish. Prepares students directly for Spanish 2200 or Spanish 2200W/X.

**Antirequisite(s):** Grade 12U Spanish, Spanish 1030.

**Prerequisite(s):** Permission of the department. 8 hours, one semester. 1.0 course (Main)

## STATISTICAL SCIENCES

### 1023A/B - STATISTICAL CONCEPTS

An examination of statistical issues aiming towards statistical literacy and appropriate interpretation of statistical information. Common misconceptions will be targeted. Assessment of the validity and treatment of results in popular and scientific media. Conceptual consideration of study design, numerical and graphical data summaries, probability, sampling variability, confidence intervals and hypothesis tests.

**Antirequisite(s):** Statistical Sciences 2037A/B.

Offered in two formats: 3 lecture hours, or weekly online lectures and 2 in-class lab hours. 0.5 course (Main)

### 1024A/B - 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) for King's, Main:** Grade 12U Mathematics or Mathematics 0110A/B or Mathematics 1229A/B.

Offered in two formats: 3 lecture hours, or weekly online lectures and 2 in-class lab hours (Main); 3 lecture hours (Huron, King's). 0.5 course (Huron, King's, Main)

## THANATOLOGY

### 1025A/B: Introduction to Thanatology

An interdisciplinary overview of major themes and attitudes regarding death, loss, grief, and bereavement. Topics include the Death System, personal death awareness, ethical issues, end of life care, supporting grieving individuals, funeral practices, and cultural issues in the field.

**Antirequisite(s):** The former Thanatology 2200 3 lecture hours, 0.5 course (King's)

## VISUAL ARTS HISTORY

### 1040 - A HISTORY OF ART AND VISUAL CULTURE

An introductory survey examining key works of art within the intellectual and social contexts of their production. This course provides a working knowledge of the history of art and architecture from the earliest times to the present and supplies the critical tools necessary for studying art and visual culture.

2 lecture hours and 1 tutorial hour. 1.0 course

(Main)

**1041A/B - ART, VISUAL CULTURE, AND POWER**

This introductory course serves as a starting point to study the foundations of art history. It focuses on the social role of art, architecture and culture, particularly in terms of the way that visual culture relates to propaganda, power and struggle.

2 lecture hours and 1 tutorial hour. 0.5 course (Main)

**1042A/B - ART, SCIENCE, AND TECHNOLOGY**

This introductory course serves as a starting point to study the foundations of art history. It is an exploration of the various relationships between art, science and technology. Topics may include the history of medical illustration and imaging, art's engagement with scientific principles and issues, and the changing role of technology in art.

**Antirequisite(s):** The former VAH 1053F/G. 2 lecture hours and 1 tutorial hour. 0.5 course (Main)

**1043A/B - ART, ARCHITECTURE, FASHION AND DESIGN**

This introductory course serves as a starting point to study the foundations of art history. With examples stretching from the Middle Ages to the present day, and from the sweatshop to the catwalk, this introductory course looks at the intersections of art, interior design and fashion.

2 lecture hours and 1 tutorial hour. 0.5 course (Main)

**1044A/B - ART, MEDIA AND POPULAR CULTURE**

This introductory course serves as a starting point to study the foundations of art history. Examining the uses of art in popular culture and media through the ages, this course explores the circulation and power of artworks and cultural icons in historical and contemporary contexts.

**Antirequisite(s):** The former VAH 1052F/G. 2 lecture hours and 1 tutorial hour. 0.5 course (Main)

**1045A/B - COLLECTING ART AND CULTURE**

This introductory course serves as a starting point to study the foundations of art history. It focuses on historical and contemporary practices of collecting art and cultural objects and introduces key principles of museum and curatorial studies.

**Antirequisite(s):** The former VAH 1050F/G. 2 lecture hours and 1 tutorial hour. 0.5 course (Main)

**1054F/G - INTRODUCTION TO VISUAL CULTURE**

A theme-based introduction to the complex and engaging world of historical and contemporary visual culture as it relates to the history of art.

3 lecture hours. 0.5 course (Main)

**VISUAL ARTS STUDIO****1020 - FOUNDATIONS OF VISUAL ARTS**

A studio course designed to introduce students to techniques and processes of two-dimensional and three-dimensional media; the theoretical concepts which inform and direct studio practice will be emphasized.

**Antirequisite(s):** VAS 1025.

1 lecture hour and 3 studio lab hours.

Note: No Visual Arts portfolio required.

Note: Some sessions may involve drawing

from the nude (female or male) as a required component of the course. 1.0 course (Main)

**1025 - ADVANCED VISUAL ARTS FOUNDATION STUDIO**

This course is designed to develop foundational technical and conceptual skills for students with prior experience working with visual art media. Focus will be placed on the techniques and processes of two-dimensional and three-dimensional media with an emphasis on the theoretical concepts that inform and direct contemporary studio practices.

**Antirequisite(s):** VAS 1020

**Prerequisite(s):** Submission and acceptance of a prepared Visual Arts portfolio.

6 studio hours. Note: Some sessions may involve drawing from the nude (female or male) as an integral component of the course. For VAS 1020 and VAS 1025 only, students may request an alternate component. 1.0 course (Main)

**WOMEN'S STUDIES****1020E - INTRODUCTION TO WOMEN'S STUDIES**

A survey of selected topics in the study of gender structures and the status of women in historical and cross-cultural perspective. These will include consideration of social and psychological processes by which gender identity is established in the individual, its institutional manifestations, and its articulation with class and race structures.

2 lecture hours, 1 tutorial hour (Main); 3 hours, 2 lecture hours, 1 tutorial hour (Brescia, King's). 1.0 course (Brescia, King's, Main)

**1021F/G - INTRODUCTION TO SEXUALITY STUDIES**

We introduce students to current social and political issues in sexuality studies, with a focus on contemporary issues around sexuality, including formation of sexual identities, sexual practices and politics, policing of sexuality, questions of sexual diversity, and the historical and global nature of ideas and controversies around sexuality.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

**1022F/G - GENDER, JUSTICE, CHANGE**

The 21st century is a period of accelerating change focused around issues of gender, justice and activism. This course will introduce students to the ways in which movements for justice and change are informed by and take up gender issues in matters of education, health, poverty, globalization, the environment, etc.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

**1023F/G - 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 (Main)

**1024F/G - INTRODUCTION TO EQUITY, DIVERSITY, AND HUMAN RIGHTS**

This course surveys theory and practice in the fields of equity, diversity, and human rights as they are taken up in institutional domains such as social work, education, and law and in schools of thought such as critical race studies, feminism and gender studies, sexuality studies,

and disability studies.

2 lecture hours, 1 tutorial hour. 0.5 course (Main)

**WRITING****0010F/G - FUNDAMENTALS OF ACADEMIC WRITING FOR INTERNATIONAL STUDENTS**

This course will introduce academic writing skills to international students. Topics covered includes grammar, sentence and paragraph structure, topic sentences and thesis statements, introductions and conclusions, revision, the appropriate use of source materials and plagiarism, and the different kinds of academic essays.

**Antirequisite(s):** Writing 0002F/G, Writing 0011F/G.

**Prerequisite(s):** registration in a Preliminary Year Program at Brescia University College and Writing 0005X/Y or permission of the Department.

3 class/lecture hours, 1 tutorial hour. 0.5 course (Brescia)

**0011F/G - INTRODUCTION TO BASIC ACADEMIC WRITING IN ENGLISH FOR MULTILINGUAL STUDENTS**

This course for multilingual students will develop skills of planning and composing in the writing process, and pre-writing skills such as note-taking from lectures and academic readings. These will help students develop an appreciation for appropriate vocabulary, syntax, and style of the various discourse communities at the university.

**Antirequisite(s):** Writing 0002F/G.

4 lecture hours. 0.5 course (Brescia, Huron)

**0012F/G - INTRODUCTION TO ADVANCED ACADEMIC WRITING IN ENGLISH FOR MULTILINGUAL STUDENTS**

This course will introduce multilingual students who have a good knowledge of academic essay format to those rhetorical and format-based skills necessary for advanced level writing in the disciplines. The course will discuss the reader-writer-message triangle as it applies to different writing forms within the academy. It is designed to help multilingual students develop the linguistic, rhetorical, and strategic competencies that they will need to succeed in advanced academic courses at the undergraduate level, and incorporates discussion of those issues that are culturally relevant to a Canadian academic community.

**Antirequisite(s):** The former Writing 0001F/G, Writing 0011F/G.

3 lecture hours. 0.5 course (Brescia, Huron)

**0015F/G - ADVANCED ACADEMIC WRITING FOR INTERNATIONAL STUDENTS**

This course will continue to develop the academic writing skills of international students by concentrating on research skills and incorporating citations through the writing process with review of principles of strong arguments and research. Students will also focus on fundamental rules of grammar and apply these to written work.

**Antirequisite(s):** Writing 0002F/G, Writing 0012F/G.

**Prerequisite(s):** registration in a Preliminary Year Program at Brescia University College, and Writing 0010F/G or permission of the Department.

3 class/lecture hours, 1 tutorial hour. 0.5 course (Brescia)

**1000F/G - THE WRITERS' STUDIO**

## COURSES

Students are introduced to the creative process of writing through in-class exercises, peer workshop, analysis of creative texts, journaling, essay writing, and a review of writing mechanics. Students learn strategies for idea generation in a variety of genres, composing a first draft, approaching revision, and effective editing and proofreading.

**Antirequisite(s):** Any Writing course or half course at the 1000, 2100 or 2200 level.  
3 lecture hours. 0.5 course (Main)

### **1002F/G - INTRODUCTION TO WRITING IN ENGLISH**

This course is an introduction to academic writing for first-year English as a Second Language students in all disciplines. Topics range from grammar, sentence structure, and paragraphing to the principles of scholarly argument and research.

**Antirequisite(s):** The former Writing 0002F/G, Writing 1020F/G, Writing 1021F/G, Writing 1022F/G, Writing 2101F/G.  
3 lecture hours. 0.5 course (King's)

### **1020F/G - WRITING: INTRODUCTION TO UNIVERSITY ESSAY WRITING**

A practical introduction to the basics of successful academic writing, designed for first-year students in all disciplines. Topics will range from grammar, sentence structure, and paragraphing to the principles of scholarly argument and research.

**Antirequisite(s):** Writing 0002F/G, Writing 1002F/G, Writing 1021F/G, Writing 1022F/G, Writing 2101F/G.

3 lecture/tutorial hours. [This course will not serve as a prerequisite for any area of concentration]. 0.5 course (Brescia, King's)

### **1021F/G - BASIC ACADEMIC WRITING FOR MULTILINGUAL STUDENTS**

Restricted to first-year multilingual international and exchange students, this course follows Writing 0011 F/G. The course continues to develop skills of planning and composing in research essays and refines writing skills by introducing language and citation conventions and self-editing for more complex writing projects. Readings that explore questions of identity and relationships within western culture will stimulate assignments such as summaries, an annotated bibliography, and a research essay.

**Antirequisite(s):** Writing 1020F/G.

**Prerequisite(s):** Writing 0011F/G, or permission of the instructor.

4 lecture hours. 0.5 course (Huron)

### **1022F/G - UNIVERSITY WRITING IN ENGLISH**

Restricted to English as a Second Language students. This course will build on writing skills developed in Writing 0002F/G or 1002F/G. It will provide students with intensive hands-on writing practice on a weekly basis and offer opportunities to develop research-based writing skills through various academic forms.

**Antirequisite(s):** Writing 1020F/G and Writing 1021F/G.

**Prerequisite(s):** Writing 0002F/G, Writing 1002F/G or the former Writing 0001F/G or permission of the Department.

3 hours. 0.5 course (King's)

### **1025F/G - CRITICAL READING AND WRITING**

Students will explore the assumptions behind academic discourse, critically analyze academic readings, and learn to write effectively for a

variety of academic discourse communities.

**Antirequisite(s):** Writing 1020F/G, Writing 1021F/G, Writing 1022F/G and Writing 2101F/G.  
3 hours. 0.5 course (Huron)

### **1030F/G - WRITING FOR PROFESSIONAL SUCCESS IN NURSING**

This course serves as an introduction to the basic principles and techniques of good writing, an integral tool for learning and a vital source of communication in the Nursing profession.

The course will emphasize practical work and the development of writing skills for a variety of styles and genres appropriate to the profession.

0.5 course (Main)

### **1031F/G - GLOBAL POSITIONING: INTRODUCTION TO RHETORIC AND PROFESSIONAL COMMUNICATION**

This course will introduce students to the rhetorical principles and practices of written and oral communication in professional contexts.

Particular attention will be paid to understanding audience, context, and purpose; modes of persuasion; and the negotiation of cultural difference.

**Antirequisite(s):** Writing 2111F/G.

3 lecture hours. 0.5 course (Main)