

SOC APPROVALS

March 15, 2023

The following proposals were approved at the March 15, 2023, meeting of the Subcommittee on Undergraduate Academic Courses (SOC).

IVEY BUSINESS SCHOOL

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4443A/B
VALUE INVESTING AND THE SEARCH FOR VALUE

(Short Title: Value Investing)

This course provides an overview of the theoretical and empirical underpinnings of value investing. Topics include the value investing process, institutional investor behaviour, search strategies, market psychology, the phenomenon of neglect, valuation, concepts of intrinsic value and margin of safety, moderately and deeply neglected companies as well as hybrid securities.

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4560A/B
~~STRATEGIC INVESTING~~ MACRO FINANCIAL ANALYSIS

This course explores how to assess overall stock market risk within a value investing approach, how to determine a fair value for the overall market, and what steps to take to manage exposure to market risk. The course reviews stock market manias and behavioral biases which can affect market prices.

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4538A/B
C&S – WOMEN IN LEADERSHIP

This course is for students who want to promote the movement of women into leadership positions in Canadian business organizations. Through case studies, debates, and conversations with senior women leaders, we will investigate the factors enhancing women's career opportunities and identify the skills that it takes for women to build successful careers.

Antirequisite(s): **Business Administration 4539A/B, Business Administration 4557A/B, Business Administration 4588A/B, Business Administration 4608A/B, Business Administration 4625A/B.**

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4539A/B

C&S – BUSINESS STRATEGY & SUSTAINABILITY

This course is for students interested in understanding the interface between business and sustainability. Sustainability is defined as the maintenance of ecological, social and economic systems. This course will introduce students to the relationship between sustainability and business strategy, focusing on the fundamental strategic motivations of business can represent both a force for and against the integrity of these systems.

Antirequisite(s): **Business Administration 4538A/B, Business Administration 4557A/B, Business Administration 4588A/B, Business Administration 4608A/B, Business Administration 4625A/B.**

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4557A/B

C&S – BUSINESS GOVT & GLOBALIZATION

This course explores the tensions that can arise between corporate behavior and societal interests. There are two modules to the course: the first, examines these issues in the context of the natural and the social environment. The second examines the relationship between business strategy and an ever globalizing world.

Antirequisite(s): **Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4588A/B, Business Administration 4608A/B, Business Administration 4625A/B.**

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4588A/B

C&S – SUSTAINABLE FINANCE

Students seeking careers in investment management who want to achieve a better understanding of the environmental and social portfolio risks. Students contemplating careers in management consultancies related to the adoption of

business sustainability or management positions with the task of incorporating sustainability into mainstream business will find the course valuable.

Antirequisite(s): **Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4557A/B, Business Administration 4608A/B, Business Administration 4625A/B.**

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4608A/B

C&S – MANAGING ENERGY, ENVIRONMENT & NATURAL ENVIRONMENT

This course examines contemporary issues facing managers in natural resource extraction and implications to the society and the environment. The course will develop an understanding for the greatest sensitivities in these sectors and how firms can strategically manage the development of large-scale projects. Emphasis will be placed on public regulation and self-regulation.

Antirequisite(s): **Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4557A/B, Business Administration 4588A/B, Business Administration 4625A/B.**

Extra Information: 3 hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

BUSINESS ADMINISTRATION 4625A/B

C&S – DEVELOPING MORE SUSTAINABLE SUPPLY CHAINS

Students will deepen their understanding of value creation, value delivery and value capture that remain central to business administration; to map a number of the complex interactions between business, society and the natural environment along the supply chain; and to delve into promising sources of improved competitiveness and sustainability.

Antirequisite(s): **Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4557A/B, Business Administration 4588A/B, Business Administration 4608A/B.**

Extra Information: 3 hours.

Course Weight: 0.50

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Course Revision – Effective September 1, 2023, the following change(s) be made:

CIVIL AND ENVIRONMENTAL ENGINEERING 2219A/B COMPUTATIONAL TOOLS FOR CIVIL ENGINEERS

A first course in numerical methods for civil and environmental engineers, emphasizing problem formulation, solution algorithm design and programming application. Methods for solving nonlinear algebraic equations, ordinary differential equations, and differential-algebraic systems. Introduction to the systems approach, and system analysis terminology, for application to engineering planning, design and operations.

Antirequisite(s): CBE 2291A/B, the former CEE 2218A/B.

Prerequisite(s): Engineering Science 1036A/B, NMM 1411A/B or the former Applied Mathematics 1411A/B, NMM 1412A/B or the former Applied Mathematics 1412A/B, NMM 2270A/B or the former Applied Mathematics 2270A/B.

Corequisite(s): **NMM 2276A/B** or NMM 2277A/B.

Extra Information: 3 lecture hours, 3 design lab/tutorial hours per week.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

CIVIL AND ENVIRONMENTAL ENGINEERING 4401A/B PRINCIPLES OF TRANSPORTATION ENGINEERING

Principles of transportation engineering and planning, including: vehicle motion and human factors, geometric design, design consistency, traffic modeling, capacity and level of service, transportation planning, transportation management, simulation and transportation impact studies. Practical applications and case studies are emphasized.

Prerequisite(s): ~~CEE 3369A/B~~ **CEE 2219A/B**

Extra Information: 3 lecture hours, 2 tutorial hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

CIVIL AND ENVIRONMENTAL ENGINEERING 4426A/B GEOTECHNICAL ENGINEERING DESIGN

~~Application of shear strength, effective stress, and earth pressure theories to the design of shallow and deep foundations, braced cuts, and retaining structures and related safety issues.~~

Application of elasticity, shear strength, effective stress and earth pressure theories to site investigation practice and the design of shallow and deep foundations, braced cuts and retaining structures.

Prerequisite(s): CEE 3322A/B.

Extra Information: 3 lecture hours, 2 tutorial hours.

Course Weight: 0.50

Program Revision – Effective September 1, 2023, the following change(s) be made:

A. STRUCTURAL ENGINEERING OPTION

Technical electives: Structural Engineering Option

CEE 3355A/B, CEE 4401A/B, **CEE 4412A/B**, CEE 4418A/B, **CEE 4420A/B**, CEE 4428A/B, CEE 4429A/B, CEE 4438A/B, CEE 4440, CEE 4458A/B, CEE 4459A/B, CEE 4465A/B, CEE 4476A/B, CEE 4480A/B, CEE 4485A/B, Earth Sciences 3340A/B, Earth Sciences 4440A/B.

Some technical electives may not be offered in a given academic year.

Program Revision – Effective September 1, 2023, the following change(s) be made:

B. ENVIRONMENTAL ENGINEERING OPTION

Technical electives: Environmental Engineering Option

CEE 4401A/B, **CEE 4412A/B**, CEE 4418A/B, **CEE 4420A/B**, CEE 4428A/B, CEE 4429A/B, CEE 4438A/B, CEE 4440, CEE 4458A/B, CEE 4479A/B, CEE 4480A/B, CEE 4485A/B, CBE 4405A/B, CBE 4463A/B, Earth Sciences 4440A/B.

Some technical electives may not be offered in a given academic year.

Program Revision – Effective September 1, 2023, the following change(s) be made:

F. ENVIRONMENTAL ENGINEERING WITH INTERNATIONAL DEVELOPMENT OPTION

Technical Electives: Environmental Engineering with International Development Option

CEE 4401A/B, **CEE 4412A/B**, CEE 4418A/B, **CEE 4420A/B**, CEE 4427A/B, CEE 4428A/B, CEE 4429A/B, CEE 4438A/B, CEE 4463A/B, CEE 4476A/B, CEE

4479A/B, CEE 4440, CEE 4480A/B, CEE 4485A/B, CBE 4405A/B, Geography 2030A/B, Centre for Global Studies 2002F/G, the former Centre for Global Studies 3004A/B, the former Geography 2020A/B, the former Geography 2040A/B.

Some technical electives may not be offered in a given academic year.

It is recommended that students register for ES 3390 (Summer Community Development Placement) between their third and fourth years, although this is not a mandatory component of the program.

Program Revision – Effective September 1, 2023, the following change(s) be made:

G. STRUCTURAL ENGINEERING WITH INTERNATIONAL DEVELOPMENT OPTION

Technical Electives: Structural Engineering with International Development Option

CEE 4401A/B, CEE 4405A/B, **CEE 4412A/B**, CEE 4418A/B, **CEE 4420A/B**, CEE 4427A/B, CEE 4428A/B, CEE 4429A/B, CEE 4438A/B, CEE 4458A/B, CEE 4459A/B, CEE 4476A/B, CEE 4440, CEE 4480A/B, CEE 4485A/B, Geography 2030A/B, Centre for Global Studies 2002F/G, the former Centre for Global Studies 3004A/B, the former Geography 2020A/B, the former Geography 2040A/B.

Some technical electives may not be offered in a given academic year.

It is recommended that students register for ES 3390 (Summer Community Development Placement) between their third and fourth years, although this is not a mandatory component of the program.

Program Revision – Effective September 1, 2023, the following change(s) be made:

OPTION H. CIVIL ENGINEERING AND ARTIFICIAL INTELLIGENCE SYSTEMS ENGINEERING, SMART CITIES AND STRUCTURAL ENGINEERING OPTION

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.

Full-year half course: Engineering Science 1022A/B/Y.

Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods

1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled.)

Second Year Program

CEE 2202A/B, CEE 2217A/B, CEE 2219A/B, **CEE 2220A/B**, **CEE 2221A/B**, ~~Earth Sciences 2281A/B~~, Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, Statistical Sciences 2141A/B, SE 2205A/B, SE 2251A/B, Writing 2130F/G, ~~1.0~~ **0.5** non-technical electives.

Third Year Program

~~CEE 2220A/B~~, ~~CEE 2221A/B~~, CEE 2224, ~~CEE 3369A/B~~, CEE 4401A/B, **CEE 4412A/B**, DS 3000A/B, AISE 3010A/B, **Earth Sciences 2281A/B**, ECE 3350A/B, ECE 3351A/B, SE 3309A/B, SE 4430A/B, **0.5 non-technical electives**.

Note: CEE 3324A (Surveying). This course is available each summer (10 days) and must be completed before a student may graduate from a Civil Engineering program.

Fourth Year Program

CEE 3321A/B, CEE 3322A/B, CEE 3340A/B, CEE 3343A/B, CEE 3344A/B, CEE 3346A/B, CEE 3347A/B, CEE 3348A/B, CEE 3358A/B, **CEE 3369A/B**, AISE 3020A/B, AISE 4010A/B, ~~0.5 non-technical elective~~.

Fifth Year Program

AISE 4020A/B or ~~CEE 4412A/B~~ **CEE 4420A/B**, AISE 4050, CEE 4426A/B, CEE 4478A/B, CEE 4491A/B, CEE 4413A/B, CEE 4415A/B, ~~CEE 4420A/B~~, ECE 4450A/B, ELI 4110F/G, 0.5 technical elective, **0.5 non-technical elective**.

*Selection of the non-technical elective must be approved by the department to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. More information about approved non-technical electives can be found on the Engineering website.

Technical electives: Structural Engineering Option

CEE 3355A/B, CEE 4414A/B, CEE 4418A/B, CEE 4428A/B, CEE 4429A/B, CEE 4438A/B, CEE 4440, CEE 4458A/B, CEE 4459A/B, CEE 4465A/B, CEE 4476A/B, CEE 4480A/B, CEE 4485A/B, Earth Sciences 3340A/B, Earth Sciences 4440A/B. Some technical electives may not be offered in a given academic year.

AISE Technical Electives:

CEE 4417A/B.

Some technical electives may not be offered in a given academic year.

Program Revision – Effective September 1, 2023, the following change(s) be made:

OPTION I. CIVIL ENGINEERING AND ARTIFICIAL INTELLIGENCE SYSTEMS ENGINEERING, SMART CITIES AND ENVIRONMENTAL ENGINEERING OPTION

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.

Full-year half course: Engineering Science 1022A/B/Y.

Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled.)

Second Year Program

CEE 2202A/B, CEE 2217A/B, CEE 2219A/B, **CEE 2220A/B, CEE 2221A/B, Earth Sciences 2281A/B**, Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, Statistical Sciences 2141A/B, SE 2205A/B, SE 2251A/B, Writing 2130F/G, ~~1.0~~ **0.5** non-technical elective.

Third Year Program

~~CEE 2220A/B, CEE 2221A/B~~, CEE 2224, CEE 3369A/B, ~~CEE 4401A/B~~, DS 3000A/B, AISE 3010A/B, **Earth Sciences 2281A/B**, ECE 3350A/B, ECE 3351A/B, SE 3309A/B, SE 4430A/B, **1.0 non-technical electives**.

Note: CEE 3324a (Surveying). This course is available each summer (10 days) and must be completed before a student may graduate from a Civil Engineering program.

Fourth Year Program

~~AISE 3020A/B~~, CEE 3321A/B, CEE 3322A/B, CEE 3348A/B, CEE 3355A/B, CEE 3362A/B, CEE 3386A/B, **CEE 4401A/B, CEE 4412A/B**, CEE 4476A/B, CBE 4409A/B, AISE 4010A/B, Earth Sciences 3340A/B, ~~0.5 non-technical elective~~.

Fifth Year Program

AISE 3020A/B, AISE 4020A/B or ~~CEE 4412A/B~~ **CEE 4420A/B**, AISE 4050, CEE 4426A/B, CEE 4463A/B, CEE 4465A/B, CEE 4478A/B, CEE 4416A/B, ~~CEE 4418A/B~~, ECE 4450A/B, ELI 4110F/G, 0.5 technical elective.

*Selection of the non-technical elective must be approved by the department to satisfy the CEAB requirements of subject matter that deals with central issues,

methodologies and thought processes of the humanities and social sciences. More information about approved non-technical electives can be found on the Engineering website.

Environmental Engineering Technical Electives:

CEE 4418A/B, CEE 4428A/B, CEE 4429A/B, CEE 4438A/B, CEE 4440, CEE 4458A/B, CEE 4479A/B, CEE 4480A/B, CEE 4485A/B, CBE 4405A/B, CBE 4463A/B.

AISE Technical Electives:

CEE 4414A/B, CEE 4417A/B, ~~CEE 4420A/B,~~ Computer Science 4417A/B, Statistical Sciences 4861A/B.

Some technical electives may not be offered in a given academic year.

DEPARTMENT OF MECHANICAL AND MATERIALS ENGINEERING

Course Revision – Effective September 1, 2023, the following change(s) be made:

**MECHANICAL AND MATERIALS ENGINEERING 3379A/B
MATERIALS SELECTION**

Application of computer databases to materials selection. Identification of the composite property for a particular application. Case studies of materials selection using variable property emphases.

Antirequisite(s): MSE 3301A/B

Prerequisite(s): Engineering Science 1021A/B, MME 2202A/B or CEE 2202A/B

Extra Information: 3 lecture hours, ~~1.5~~ **1** tutorial hours **per week**

Course Weight: 0.50

FACULTY OF HEALTH SCIENCES

SCHOOL OF HEALTH STUDIES

Course Revision – Effective September 1, 2023, the following change(s) be made:

HEALTH SCIENCES 2300A/B FUNCTIONAL HUMAN GROSS ANATOMY

A gross anatomical description of systemic structure and function of the human body, with emphasis on skeletal, muscular and cardiovascular systems. Integration between systems will be discussed using clinical examples related to sport, medicine, and physical therapy. This is an introductory level lecture course.

Antirequisite(s): Anatomy and Cell Biology 2200A/B, the former Anatomy and Cell Biology 2221, **Kinesiology 1060A/B**, Kinesiology 2222A/B, **the former** Health Sciences 2330A/B, and the former Anatomy and Cell Biology 3319.

Prerequisite(s): Grade 12U Biology or equivalent is strongly recommended.

Registration information: Students not in a Health Science program are limited to a 1.5 Health Science course load.

Extra Information: 3 lecture hours, 1.0 laboratory hour.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

HEALTH SCIENCES 3300A/B ANATOMY OF THE HUMAN BODY: A DESCRIPTION OF SYSTEMIC STRUCTURE & FUNCTION

A gross anatomical description of the structure and function of the human body focusing on systems responsible for maintaining the body (respiratory, digestive, urinary, endocrine), and for its continuation through the transmission of genes (reproductive system, developmental anatomy). Emphasis on the physiological functions as they relate to the anatomical structure.

Antirequisite(s): ~~Anatomy and Cell Biology 2200A/B~~, Anatomy and Cell Biology 3200A/B, the former Anatomy and Cell Biology 2221, the former Anatomy and Cell Biology 3319, **Kinesiology 3222A/B**.

Prerequisite(s): **Any of the following courses:** Health Sciences 2300A/B; ~~or the former~~ Health Sciences 2330A/B; **Kinesiology 1060A/B**; ~~or~~ Kinesiology 2222A/B; **Nursing 1330A/B; Anatomy and Cell Biology 2200A/B**.

Extra Information: 3 lecture hours.

Course Weight: 0.50

SCHOOL OF KINESIOLOGY

Course Revision – Effective September 1, 2023, the following change(s) be made:

KINESIOLOGY 1060A/B FUNCTIONAL HUMAN GROSS ANATOMY

A gross anatomical description of systemic structure and function of the human body, with emphasis on skeletal, muscular and cardiovascular systems. Integration between systems will be discussed using clinical examples related to sport, medicine, and physical therapy.

Antirequisite(s): **Nursing 1330A/B; Health Sciences 2300A/B; the former Health Sciences 2330A/B; Kinesiology 2222A/B.**

Prerequisite(s): Grade 12U Biology or equivalent is strongly recommended.

Extra Information: 3 lecture hours, 1 laboratory hour.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

KINESIOLOGY 2222A/B FUNCTIONAL HUMAN GROSS ANATOMY

A gross anatomical description of systemic structure and function of the human body, with emphasis on skeletal, muscular and cardiovascular systems. Integration between systems will be discussed using clinical examples related to sport, medicine, and physical therapy. This is an introductory level lecture course for BA Kinesiology students.

Antirequisite(s): Anatomy and Cell Biology 2200A/B, Health Sciences 2300A/B, **the former** Health Sciences 2330A/B, the former Anatomy and Cell Biology 2221, the former Anatomy and Cell Biology 3319, **Kinesiology 1060A/B, Nursing 1330A/B.**

Prerequisite(s): Completion of the first year Kinesiology program and registration in the School of Kinesiology. Grade 12U Biology or equivalent is strongly recommended.

Extra Information: 3 lecture hours, 1.0 laboratory hour.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

KINESIOLOGY 2236A/B INTRODUCTION TO ATHLETIC INJURIES

Students will be introduced to the most commonly occurring activity injuries. Initial treatments, guidelines for referral, return to sport, and preventative measures will be discussed.

Prerequisite(s): **Any of following courses:** Anatomy and Cell Biology 2200A/B; **Kinesiology 1060A/B;** ~~or~~ Kinesiology 2222A/B; ~~or~~ Health Sciences 2300A/B; ~~or~~ **the former** Health Sciences 2330A/B; **Nursing 1330A/B.**
Pre-or Corequisite(s): The former Anatomy and Cell Biology 2221 or the former Anatomy and Cell Biology 3319 if the prerequisite has not been completed.
Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

KINESIOLOGY 2250A/B

SOCIAL FOUNDATIONS OF SPORT AND PHYSICAL ACTIVITY

An introduction to the sociological analysis of sport and physical activity; social development through sport; basis for involvement; consequences of success and failure.

Prerequisite(s): Registration in Kinesiology.
Extra Information: 3 lecture/**tutorial** hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

KINESIOLOGY 3222A/B

ANATOMY OF THE HUMAN BODY: A DESCRIPTION OF SYSTEMIC STRUCTURE AND FUNCTION

A gross anatomical description of the structure and function of the human body focusing on systems responsible for maintaining the body (respiratory, digestive, urinary, endocrine), and for its continuation through the transmission of genes (reproductive system, developmental anatomy). Emphasis on the physiological functions as they relate to the anatomical structure.

Antirequisite(s): Anatomy and Cell Biology 3200A/B, ~~or~~ Health Sciences 3300A/B, ~~or~~ the former Anatomy and Cell Biology 2221, ~~or~~ the former Anatomy and Cell Biology 3319.

Prerequisite(s): **Any of the following courses: Kinesiology 1060A/B;** Kinesiology 2222A/B; ~~or~~ Health Sciences 2300A/B; ~~or~~ **the former** Health Sciences 2330A/B; **Nursing 1330A/B;** ~~or~~ Anatomy and Cell Biology 2200A/B.
Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

KINESIOLOGY 3336A/B

PRACTICAL ASPECTS OF ATHLETIC INJURIES

The purpose of this course is to provide an introduction to the recognition, initial assessment, care and methods of prevention of injuries commonly occurring in

sport. The practical skills of methods of assessment and adhesive strapping are emphasized in the labs.

Prerequisite(s): **Kinesiology 2241A/B (with a minimum grade of 60%) and Kinesiology 2236A/B (with a minimum grade of 78%) and any of the following courses with a minimum grade of 60%: Kinesiology 1060A/B; Kinesiology 2222A/B; Health Sciences 2300A/B; or the former Health Sciences 2330A/B; or Nursing 1330A/B; Anatomy and Cell Biology 2200A/B;** the former Anatomy and Cell Biology 2221; ~~or Anatomy and Cell Biology 2200A/B, or the former Anatomy and Cell Biology 3319; and Kinesiology 2241A/B, each with a minimum grade of 60%; Kinesiology 2236A/B with a minimum grade of 78%.~~

Extra Information: 2 lecture hours, 2 laboratory hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**KINESIOLOGY 3353A/B
BIOMECHANICAL ANALYSIS OF HUMAN LOCOMOTION**

A laboratory-oriented, quantitative approach to the study of activities of a cyclic or repetitive nature by which individuals propel themselves overground or through water.

Antirequisite(s): Kinesiology 3343A/B.

Prerequisite(s): Kinesiology 2241A/B; ~~Anatomy and Cell Biology 2200A/B or Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or the former Anatomy and Cell Biology 2221 or the former Anatomy and Cell Biology 3319~~ **any of the following courses: Kinesiology 1060A/B; Kinesiology 2222A/B; Health Sciences 2300A/B; the former Health Sciences 2330A/B; Nursing 1330A/B; Anatomy and Cell Biology 2200A/B.**

Extra Information: 3 lecture hours, 2 laboratory hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**KINESIOLOGY 3480A/B
MOVEMENT NEUROSCIENCE**

This course is designed to provide students with an intermediary level and multi-disciplinary understanding of movement neuroscience. Topics include nervous system structures involved in planning, control and learning of movement, as well as the neurocognitive principles of movement. Students will also be introduced to neuro-pathology (e.g. Parkinson's disease) and the relationship to motor impairment.

Antirequisite(s): ~~Kinesiology 3371A-2008-09 and 2009-10.~~

Prerequisite(s): Kinesiology 2230A/B, Kinesiology 2241A/B and **any of the following courses: Kinesiology 1060A/B; Kinesiology 2222A/B; Health Sciences 2300A/B; the former Health Sciences 2330A/B; Nursing 1330A/B; Anatomy and Cell Biology 2200A/B.** ~~Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or Anatomy and Cell Biology 2200A/B or the former Anatomy and Cell Biology 2221 or the former Anatomy and Cell Biology 3319.~~

Extra Information: 3 lecture hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**KINESIOLOGY 3550A/B
KINESIOLOGY AT WORK**

Students will draw on knowledge gained throughout their undergraduate courses and apply them along with new concepts as we discuss common occupational injuries, basic ergonomics and occupational biomechanics.

Antirequisite(s): ~~Kinesiology 4472B if taken in 2012-13.~~

Prerequisite(s): ~~Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or Anatomy and Cell Biology 2200A/B or the former Anatomy and Cell Biology 2221 or the former Anatomy and Cell Biology 3319;~~ Kinesiology 2230A/B, Kinesiology 2241A/B, **and any of the following courses: Kinesiology 1060A/B; Kinesiology 2222A/B; Health Sciences 2300A/B; the former Health Sciences 2330A/B; Nursing 1330A/B; Anatomy and Cell Biology 2200A/B.**

Extra Information: 2 lecture hours, 2 hour lab biweekly.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**KINESIOLOGY 4420A/B
IMPACT OF EXERCISE DURING PREGNANCY ON CHRONIC DISEASE RISK**

Discussion of human pregnancy and the impact of exercise to prevent or treat cardiovascular disease, obesity and metabolic syndrome/type 2 diabetes will occur. The theory of the 'Thrifty phenotype' will be discussed and the mother/fetal link to chronic disease risk. Active living during pregnancy and exercise prescription will be emphasized.

Antirequisite(s): ~~Kinesiology 4471B (if taken to 2009-10).~~

Prerequisite(s): ~~Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or Anatomy and Cell Biology 2200A/B or the former Anatomy and Cell Biology 2221 or the former Anatomy and Cell Biology 3319;~~ **and Kinesiology 3337A/B and any of the following courses: Kinesiology 1060A/B; Kinesiology 2222A/B; Health Sciences 2300A/B; the former Health Sciences 2330A/B; Nursing 1330A/B; Anatomy and Cell Biology 2200A/B.**

Extra Information: 1 lecture hour, 1 seminar hour.
Course Weight: 0.50

ARTHUR LABATT FAMILY SCHOOL OF NURSING

Course Revision – Effective September 1, 2023, the following change(s) be made:

NURSING 1330A/B HUMAN ANATOMY FOR NURSING STUDENTS

A gross anatomical description of the systemic structure and function of the human body. Emphasis will be placed on clinical nursing applications.

Antirequisite(s): Health Sciences 2300A/B, **the former** Health Sciences 2330A/B, **Kinesiology 1060A/B**, Kinesiology 2222A/B ~~with minimum 60%~~. **Note: Nursing 1330A/B must be taken if any of these antirequisite courses have been completed with a grade less than 60%.**

Prerequisite(s): Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program

Extra Information: 3 theory hours.

Course Weight: 0.50

SCHULICH SCHOOL OF MEDICINE & DENTISTRY

DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

Course Revision – Effective September 1, 2023, the following change(s) be made:

MEDICAL BIOINFORMATICS 4850G GENOMIC DATA ANALYSIS

Antirequisite(s): **the former** Medical Health Informatics 4850G.

Prerequisite(s): Biology 2581A/B; one of Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B; and registration in Year 4 of a BMSc, BHSc, or BSc degree.

Course Revision – Effective September 1, 2023, the following change(s) be made:

MEDICAL BIOINFORMATICS 4980E SEMINAR AND RESEARCH PROJECT

Prerequisite(s): Medical Bioinformatics 3100A/B and registration in Year 4 of an Honours Specialization in Medical Bioinformatics.

Pre- or Corequisite(s): **1.0 course from: Medical Bioinformatics 4650F/G, Medical Bioinformatics 4750F/G or** Microbiology and Immunology 4750F/G, Medical Bioinformatics 4850G.

Course Revision – Effective September 1, 2023, the following change(s) be made:

ONE HEALTH 4100F/G ANIMAL HEALTH, HUMAN HEALTH, AND COMPARATIVE PATHOLOGY

The One Health concept acknowledges the global interdependence of people, animals, and the environment. This course focuses on the animal component of One Health. Areas of exploration will include wildlife, livestock, and companion animals, in addition to the use of animals in research, and comparative human and animal pathology.

Antirequisite(s): **the former** Medical Sciences 4100F/G.

Prerequisite(s): Enrolment in Year 4 of ~~one of the following: an Honours Specialization~~ **a module in IMS, Medical Bioinformatics, One Health, or Pathology** ~~a BMSc degree, or an Honours BSc degree.~~

Extra Information: 2 lecture hours.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PATHOLOGY 2420A
PATHOLOGY FOR NURSING STUDENTS**

Extra Information: 2 lecture hours/wk or equivalent online delivery with 1 tutorial hour/wk. Enrollment limited to students in the Western ~~Fanshawe College~~ ~~collaborative~~ BScN program **s**
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2023, the following course be withdrawn:

**MEDICAL HEALTH INFORMATICS 4100F
HEALTH INFORMATICS**

Fundamentals of Health Informatics including an overview of the health care system; computer systems; communications/ information theory; data types, standards, quality, uses and users; and HI applications. Uses of computers in health care with emphasis on various clinical support and clinical information systems and the electronic health record and its achievability.

Prerequisite(s): Enrolment in Year 4 of either one of the following Honours Specialization modules: Pathology, Medical Health Informatics, One Health or enrolment in Year 4 of Software Engineering (Health Informatics option) offered through the Department of Electrical and Computer Engineering, or permission of the course director.

Extra Information: 2 lecture hours, 2 laboratory/tutorial hours.

Course Withdrawal – Effective September 1, 2023, the following course be withdrawn:

**MEDICAL HEALTH INFORMATICS 4110G
HEALTH INFORMATION MANAGEMENT**

The flow, management and use of health data across integrated health facilities, clinical information systems and the care continuum will be examined.

Implementation of complex health information systems will be explored, including security and privacy of health information, adoption of new technologies, team and project management.

Prerequisite(s): Medical Health Informatics 4100F or the former Pathology 4100F; and enrolment in Year 4 of either one of the following Honours

Specialization modules: Pathology, Medical Health Informatics, One Health or enrolment in Year 4 of Software Engineering (Health Informatics option) offered through the Department of Electrical and Computer Engineering, or permission of the course director.

Extra Information: 2 lecture hours.

Course Weight: 0.50

Course Withdrawal – Effective September 1, 2023, the following course be withdrawn:

**MEDICAL HEALTH INFORMATICS 4850G
GENOMIC DATA ANALYSIS**

Basics of data analysis and visualization using the R statistical programming language with a main focus on next generation sequencing (NGS) data. Topics include: fundamentals of NGS technologies; data formats and structures of sequencing data; effective analysis of different types of sequencing data (RNAseq, ATAC-seq and ChIP-seq) using R. Antirequisite: Medical Health Informatics 4850G.

Prerequisite(s): Biology 2581A/B; one of Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B; and registration in Year 4 of a BMSc, BHSc, or BSc degree.

Extra Information: 2 lecture hours, 2 laboratory hours per week.

Course Weight: 0.50

Course Withdrawal – Effective September 1, 2023, the following course be withdrawn:

**MEDICAL HEALTH INFORMATICS 4980E
SEMINAR AND RESEARCH PROJECT**

Major research project and weekly seminar course for the Honours Specialization in Medical Health Informatics. Includes: i) theory and practice of research methodology and critical appraisal of research literature, ii) an independent research project supervised by faculty, and iii) preparation of a research proposal and final written research project report.

Prerequisite(s): Registration in Year 4 of an Honours Specialization in Medical Health Informatics.

Extra Information: Minimum 12 laboratory hours per week plus 3 seminar hours per week.

Course Weight: 1.50

Course Withdrawal – Effective September 1, 2023, the following course be withdrawn:

**MEDICAL SCIENCES 4100F/G
INTRODUCTION TO MEDICAL SCIENCES, EXPERIMENTAL MODELS AND ANIMAL PATHOLOGY**

An introduction to the field of laboratory animal science and comparative human and animal pathology. Major topics include regulatory oversight of animal-based research, animal biology and disease, animals as models of human diseases,

genetic manipulation of research animals, and major intrinsic and extrinsic factors affecting biomedical research.

Antirequisite(s): One Health 4100F/G.

Prerequisite(s): Enrolment in Year 4 of the BSc program or an Honours BSc degree, or permission of the course director.

Extra Information: 2 lecture hours.

Course Weight: 0.50

Program Revision – Effective September 1, 2023, the following change(s) be made:

HONOURS SPECIALIZATION IN PATHOLOGY

Module

11.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course: Biology 2382A/B.

0.5 course from: Biology 2290F/G, Biology 2581A/B.

0.5 course: Chemistry 2213A/B.

0.5 course from: Chemistry 2211A/B, Chemistry 2214A/B, Chemistry 2223B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

1.0 course: Pharmacology 3620.

1.0 course from: Anatomy and Cell Biology 3309, or (Anatomy and Cell Biology 2200A/B and one of Anatomy and Cell Biology 3200A/B or Microbiology and Immunology 2500A/B), or the former Anatomy and Cell Biology 3319.

1.0 course: Physiology 3120.

1.0 course: Pathology 3500 with a mark of at least 70%, or the former Pathology 3240A and the former Pathology 3245B with marks of at least 70% in each.

0.5 course from: Anatomy and Cell Biology 4200A, Anatomy and Cell Biology 4201B, Biology 3316A/B, Chemistry 2272F, Epidemiology 2200A/B, Physiology 3140A, Pathology 4425A/B, Pathology 4450A, **the former** Medical Health Informatics 4100F, **the former** Medical Health Informatics 4110G.

1.0 course: Pathology 4400A/B, Pathology 4500B.

1.0 course from: **One Health 4100F/G**, Pathology 3700F/G, Pathology 4200A/B, **the former** Medical Sciences 4100F/G

1.5 courses: Pathology 4980E (Research Project = 1.5 courses).

Note: For the specific courses that must be completed before Year 4, see the Weighted Average Chart (MODULES OFFERED IN THE BSc PROGRAM).

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN PATHOLOGY

Module

6.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course: Biology 2382A/B.

0.5 course from: Chemistry 2213A/B, Biology 2244A/B or Statistical Sciences 2244A/B.

1.0 course from: Anatomy and Cell Biology 3309, or (Anatomy and Cell Biology 2200A/B and one of Anatomy and Cell Biology 3200A/B or Microbiology and Immunology 2500A/B), or the former Anatomy and Cell Biology 3319.

1.0 course: Physiology 3120.

1.5 courses: Pathology 3500 with a minimum mark of 70% (or the former Pathology 3240A and the former Pathology 3245B with minimum marks of 70% in each), Pathology 4400A/B.

1.0 course from: Microbiology and Immunology 2500A/B, **One Health 4100F/G**, Pathology 3700F/G, Pathology 4200A/B, Pathology 4425A/B, Pathology 4450A, Physiology 3140A, **the former** Medical Health Informatics 4100F, **the former** Medical Health Informatics 4110G, **the former** Medical Sciences 4100F/G

Note: A maximum of 1.0 “common course” can be double-counted towards two Major modules in a BSc degree. See the Common Course Policy on the BSc website for more information.

DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY

Course Introduction – Effective September 1, 2023, the following course be introduced:

PHYSIOLOGY 4740A/B

REPRODUCTIVE HEALTH AND THE LIFE CYCLE

(Short title: Repro Health & Life Cycle)

This course will examine reproductive health across familial generations, involving the impact of factors like diet, environmental stress, substance abuse, and mental health. Select factors that influence female and male fertility, pregnancy, and newborn outcomes that set the trajectory for life-long and family transgenerational health and well-being will be discussed.

Prerequisite(s): Physiology 3120.

Extra Information: Blended course. 3 lecture hours (two hours in-person and one hour or equivalent online).

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PHYSIOLOGY 3120
HUMAN PHYSIOLOGY**

A survey of the physiology of various systems (e.g. neural, endocrine, renal, cardiovascular, digestive, respiratory, etc.) of the human.

Prerequisite(s): one of Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B; ~~and one of Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B~~; 1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Data Science 1000A/B, Mathematics 1600A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1413, the former Applied Mathematics 1414A/B; one of Biology 1001A or Biology 1201A and one of Biology 1002B or Biology 1202B; or permission of the department. Integrated Science 1001X can be used as a prerequisite in place of Biology 1002B, Calculus 1301A/B and Physics 1202A/B. It is strongly recommended that Biochemistry 2280A and Biology 2382A/B be taken prior to Physiology 3120. Open only to students who are registered in Years 3 or 4.

Extra Information: 3 lecture hours.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PHYSIOLOGY 3140A
CELLULAR PHYSIOLOGY**

A survey of principles of cellular physiology including membrane, ion channel, receptor, and transport protein function, and signal transduction mechanisms.

Prerequisite(s): one of Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B; ~~and one of Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B~~; 1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Data Science 1000A/B, Mathematics 1600A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1413, the former Applied Mathematics 1414A/B; one of Biology 1001A or Biology 1201A and one of Biology 1002B or Biology 1202B; or permission of the department. Integrated Science 1001X can

be used as a prerequisite in place of Biology 1002B, Calculus 1301A/B and Physics 1202A/B. It is strongly recommended that Biochemistry 2280A and Biology 2382A/B be taken prior to Physiology 3140A. Open only to students who are registered in Years 3 or 4.
Extra Information: 3 lecture hours.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PHYSIOLOGY AND PHARMACOLOGY 3000E
PHYSIOLOGY AND PHARMACOLOGY LABORATORY**

A laboratory course that introduces students to research techniques, methodologies, data analysis and scientific communication. Students will select different experiments covering the major systems in the human body and examine them from a physiological or pharmacological perspective. This course is intended for students interested in physiology and/or pharmacology.

~~Antirequisite(s): The former Pharmacology 3580Z, the former Physiology 3130Z.~~

Prerequisite(s): Biochemistry 2280A; either Chemistry 2213A/B or Chemistry 2273A; ~~1.0 course from:~~ **one of** Physics 1201A/B, ~~Physics 1202A/B,~~ Physics 1501A/B, ~~Physics 1502A/B,~~ the former Physics 1028A/B, ~~the former Physics 1029A/B,~~ the former Physics 1301A/B, ~~the former Physics 1302A/B;~~ and 1.0 course from: Applied Mathematics 1201A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B. Integrated Science 1001X can be used as a prerequisite in place of Calculus 1301A/B and Physics 1202A/B. A minimum average of 75% in the Fall/Winter of the most recent academic year is required. Open only to students who are registered in Years 3 or 4.

Pre-or Corequisite(s): Either Physiology 3120 or Pharmacology 3620 (Physiology 3120 is strongly recommended).

Extra Information: 3 lecture/laboratory hours.

BASIC MEDICAL SCIENCES UNDERGRADUTE EDUCATION

Course Revision – Effective September 1, 2023, the following change(s) be made:

**MEDICAL SCIENCES 4930F
INTERDISCIPLINARY THINKING AND RESEARCH LITERACY IN MEDICAL
SCIENCES**

Antirequisite(s): Medical Sciences 4931F/G.

Prerequisite(s): A course from Group 3 in the Honours Specialization in Interdisciplinary Medical Sciences (IMS) and registration in Year 4 of an Honours Specialization in IMS.

Corequisite(s): One of Medical Sciences 4990E, Medical Sciences 4991F/G, Medical Sciences 4995E, ~~or the former Medical Sciences 4900F/G/Z~~ must be taken concurrently.

Extra Information: Blended course, 2 lecture hours, **1 tutorial hour or online equivalent** per week, ~~2 tutorial hours or online equivalent~~.

Program Revision – Effective September 1, 2023, the following change(s) be made:

HONOURS SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Module

10.0 courses:

0.5 course: Biochemistry 2280A.

1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.

0.5 course: Chemistry 2213A/B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

2.0 courses from Group 1.

(these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).

2.0 additional courses from: courses from Groups 1-3 and courses numbered 2100 -3999 in Chemistry. These 2.0 courses must include 0.5 – 1.0 course from Group 3. A maximum of 1.0 course from Group 3 and a maximum of 0.5 course in Chemistry can be included within these 2.0 courses.

1.0 course from: Medical Sciences 4990E or Medical Sciences 4995E (or the former Medical Sciences 4900F/G/Z and 0.5 4000-level course from the basic medical science subject areas listed below).

0.5 course: Medical Sciences 4930F.

0.5 course from: Medical Sciences 4200A/B, the former Medical Sciences 4300A/B.

1.0 additional courses at the 4000-level from the following basic medical science subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, **One Health**, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3501A, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500, Pharmacology

3620, Physiology 3120, Physiology 3140A, any of the former courses: the former Epidemiology and Biostatistics 2200A/B, the former Medical Biophysics 3336F/G.

Group 2 (see notes below): Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, **Medical Bioinformatics 3100A/B**, Medical Biophysics 3518B, Medical Biophysics 3645A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former Anatomy and Cell Biology 3319.

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3990E, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Physiology and Pharmacology 3000E, the former Medical Sciences 3900F/G/Z.

Program Revision – Effective September 1, 2023, the following change(s) be made:

SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Module

9.5 courses:

0.5 course: Biochemistry 2280A.

1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.

0.5 course: Chemistry 2213A/B.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

2.0 courses from Group 1 (these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).

2.0 additional courses from: courses from Groups 1-3 and courses numbered 2100 -3999 in Chemistry. These 2.0 courses must include 0.5 – 1.0 course from Group 3. A maximum of 1.0 course from Group 3 and a maximum of 0.5 course in Chemistry can be included within these 2.0 courses.

0.5 course: Medical Sciences 4931F/G.

2.0 additional courses at the 4000-level from at least two of the following subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, **One Health**, Pathology, Pharmacology, Physiology, Physiology and Pharmacology. Note: a maximum of 1.5 of these 4000-level courses can be selected from one subject area.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3501A,

Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A, any of the former courses: the former Epidemiology and Biostatistics 2200A/B, the former Medical Biophysics 3336F/G.

Group 2 (see Notes below): Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, **Medical Bioinformatics 3100A/B**, Medical Biophysics 3518B, Medical Biophysics 3645A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former Anatomy and Cell Biology 3319.

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3990E, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Physiology and Pharmacology 3000E, one of the former Medical Sciences 3900F/G/Z.

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

Module

6.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

0.5 course: Biology 2290F/G.

0.5 course from: Biology 2382A/B, Biology 2581A/B.

0.5 course: Chemistry 2213A/B.

2.5 courses from: Groups 1 and 2 (see below) with a minimum of 1.5 courses selected from Group 1 (see Note #1 below).

0.5 course: Medical Sciences 4931F/G.

0.5 course at the 4000-level from any of the following subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, **One Health**, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3501A, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology

3100A, Microbiology and Immunology 3300B, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A, or any of these former courses: the former Epidemiology and Biostatistics 2200A/B, the former Medical Biophysics 3336F/G.

Group 2: Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, **Medical Bioinformatics 3100A/B**, Medical Biophysics 3518B, Medical Biophysics 3645A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former Anatomy and Cell Biology 3319.

Program Revision – Effective September 1, 2023, the following change(s) be made:

HONOURS BMSc INTERDISCIPLINARY MEDICAL SCIENCES/HBA

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Years 4 and 5: BMSc requirements for the Honours Specialization in Interdisciplinary Medical Sciences (IMS)

Year 4

2.0 courses from Group 1 (these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).

2.0 additional courses from: courses from Groups 1-3 and courses numbered 2100 -3999 in Chemistry. These 2.0 courses must include 0.5 – 1.0 course from Group 3. A maximum of 1.0 course from Group 3 and a maximum of 0.5 course in Chemistry can be included within these 2.0 courses.

A maximum of 0.5 course from either Chemistry numbered 2100-3999 or Groups 1-2 that is completed prior to admission to the combined program course may be used toward the Year 4 BMSc (IMS) requirements. Any additional course(s) completed prior to admission to the combined program may be used toward the Year 4 BMSc (IMS) requirements only if an additional optional course(s) is completed. A maximum of 0.5 of the courses listed in the Year 4 BMSc (IMS) requirements may be deferred until Year 5.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, Medical Biophysics 3501A, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500, Pharmacology

3620, Physiology 3120, Physiology 3140A, any of the former courses: the former Epidemiology and Biostatistics 2200A/B, the former Medical Biophysics 3336F/G.

Group 2: Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, **Medical Bioinformatics 3100A/B**, Medical Biophysics 3518B, Medical Biophysics 3645A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former Anatomy and Cell Biology 3319.

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3990E, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Physiology and Pharmacology 3000E, one of the former Medical Sciences 3900F/G/Z.

Year 5

1.0 course from: Medical Sciences 4990E or Medical Sciences 4995E (or the former Medical Sciences 4900F/G/Z and 0.5 4000-level course from the basic medical science subject areas listed below). Students participating in the Ivey exchange will take Medical Sciences 4991F and an additional half course at the 4000-level from the basic medical science subject areas below in place of Medical Sciences 4990E

0.5 course: Medical Sciences 4930F.

0.5 course from: Medical Sciences 4200A/B, the former Medical Sciences 4300A/B. Students participating in the Ivey exchange will take Medical Sciences 4200A/B, if offered in first term, or an additional half course at the 4000-level from the basic medical science subject areas below if Medical Sciences 4200A/B is offered in second term, only.

1.0 additional courses at the 4000-level from the following basic medical science subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, **Medical Bioinformatics**, Medical Biophysics, Medical Sciences (~~Medical Sciences 4100F/G~~), Microbiology and Immunology, **One Health**, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN MEDICAL SCIENCES

Admission Requirements

Admission to this module is available only to students in degrees other than Bachelor of Medical Sciences (BMSc) degrees. The Major in Medical Sciences cannot be completed in combination with any of the following Majors in a Bachelor of Science degree: Biochemistry, Epidemiology and Biostatistics,

Medical Biophysics, Medical Cell Biology, Microbiology and Immunology, One Health, Pharmacology, Physiology.

Students admitted to the BMSc Program who are interested in an interdisciplinary Major should see the MAJOR IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS).

Completion of first-year requirements, including a mark of at least 60% in each of the 3.0 (full or half) principal courses below:

1.0 course: Biology 1001A and Biology 1002B*.

1.0 course: Chemistry 1301A/B and Chemistry 1302A/B.

~~0.5 course from: Calculus 1000A/B, Calculus 1500A/B.~~

~~0.5~~ 1.0 course** from: Applied Mathematics 1201A/B, **Calculus 1000A/B or Calculus 1500A/B**, Calculus 1301A/B, **or** Calculus 1501A/B, Data Science 1000A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B, Statistical Sciences 1024A/B.

0.5 course~~e~~ in physics with a minimum mark of 60% from: Physics 1201A/B***, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

** the former Applied Mathematics 1413 may be used in place of the 1.0 mathematics course listed above.

Note: Students considering a BMSc module must take Calculus 1000A/B or Calculus 1500A/B for admission.

*** Physics 1101A/B with a mark of at least 80% may be used in place of Physics 1201A/B. Note that admission to all other modules offered by the basic medical science departments requires **either** Physics 1201A/B **or Physics 1501A/B**, and **one of** Computer Science 1026A/B ~~or and~~ Physics 1202A/B **or Physics 1502A/B**, and substitutions will be not permitted.

DON WRIGHT FACULTY OF MUSIC

DEPARTMENT OF MUSIC RESEARCH AND COMPOSITION

Course Introduction – Effective September 1, 2023, the following course be introduced:

**MUSIC 2703A/B/Y
INTRODUCTION TO HIP HOP**

A survey of the musical art-form of Hip Hop. Consideration of artists, sub-genres, performance practice and cultural impact.

Antirequisite(s): Music 2709A if taken in 2020-21, 2021-22 or 2022-23.

Extra information: 3 hours. Open to non-music students.

Course Weight: 0.50.

Course Introduction – Effective September 1, 2023, the following course be introduced:

**MUSIC 2704A/B/Y
MUSIC AND GAMING**

An introduction to composing and producing music for video games. Students will gain an understanding of the medium of gaming and the ways game composition differs from other modalities.

Antirequisite(s): Music 2707B if taken in 2022-23, Music 2708B if taken in 2020-21 or 2021-22.

Extra information: 3 hours. Open to non-music students.

Course Weight: 0.50

FACULTY OF SOCIAL SCIENCE

DEPARTMENT OF ANTHROPOLOGY

Course Introduction – Effective September 1, 2023, the following course be introduced:

ANTHROPOLOGY 2231A/B ARCHAEOLOGIES OF MIGRATION

This course explores the archaeology of human migration—the material ways historic and contemporary movements shape our world. Topics include immigration, displacement, forced migration, diasporas, settler colonialism, and borders. Students will critically engage with migration narratives, past and present, by examining archaeological sites alongside myths that surround human movement today.

Extra Information: 2 lecture hours.
Course Weight: 0.5 credit.

Course Introduction – Effective September 1, 2023, the following course be introduced:

ANTHROPOLOGY 2254A/B LANGUAGE, RACE, AND ETHNICITY

This course explores the relationship between language and race/ethnicity from a critical linguistic anthropological perspective. Areas investigated may include: raciolinguistics, ethnolects, linguistic discrimination, racism and anti-racism, crossing, mocking and appropriation, among others.

Extra Information: 2 lecture hours, 1 tutorial hour.
Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

ANTHROPOLOGY 2274A/B ANTHROPOLOGY OF SHOPPING

Our daily lives involve the purchase and consumption of “lots of stuff.” More than simply being about individual materialism, this course explores how shopping is a cultural practice. We will learn how to closely observe shopping environments to discover what people’s procurement practices reveal about their social relationships and identities.

Extra Information: 2 lecture hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

**ANTHROPOLOGY 2279F/G
ORDINARY ETHICS**

This course uses ethnographic and historical cases to explore how ethical and moral values are embedded in social and cultural contexts and how social encounters may bring alternative or competing ethical registers into contact and conflict. Topics include virtue ethics, caregiving, reciprocity, volunteerism, charity, and global humanitarianism.

Extra Information: 2 lecture hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

**ANTHROPOLOGY 3358F/G
PICTURING THE ARCTIC**

This course focuses on the many ways in which anthropologists, Indigenous communities and artists have helped create a picture of northern landscapes and peoples and how in turn those pictures shape our (dis)engagement with critical issues facing the contemporary arctic.

Prerequisite(s): Registration in third or fourth year in any program.
Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

**ANTHROPOLOGY 3382F/G
INTERSECTIONAL IDENTITIES IN BRAZIL**

(Short Title: Intersectional Brazil)

This course will explore contemporary and historical socio-cultural anthropological research about intersectional identities in Brazil. We will look at intersections of gender, race, class, sexuality, disability among other identities. This course has a classroom component as well as the expectation of participation in an international faculty-led trip to Brazil.

Prerequisite(s): 1.0 credit in Anthropology, or by permission of instructor.
Extra Information: Blended. 2 lecture hours in-person, 1 hour asynchronous online.
Course Weight: 0.50

DEPARTMENT OF GEOGRAPHY AND ENVIRONMENT

Course Introduction – Effective September 1, 2023, the following course be introduced:

GEOGRAPHY 2901A/B SELECTED TOPICS IN GEOGRAPHY & ENVIRONMENT

Consult the Department of Geography and Environment for details of course offering.

Prerequisite(s): 1.0 course from Geography 1100, Geography 1200A/B, Geography 1300A/B, Geography 1400F/G, Geography 1500F/G, Geography 2131A/B, Geography 2132A/B, Geography 2133A/B, Geography 2152F/G, Geography 2153A/B, Environmental Science 1021F/G.
Extra Information: 3 hours.
Course Weight: 0.50.

Course Introduction – Effective September 1, 2023, the following course be introduced:

GEOGRAPHY 2902A/B SELECTED TOPICS IN GEOGRAPHY & ENVIRONMENT

Consult the Department of Geography and Environment for details of course offering.

Prerequisite(s): 1.0 course from Geography 1100, Geography 1200A/B, Geography 1300A/B, Geography 1400F/G, Geography 1500F/G, Geography 2131A/B, Geography 2132A/B, Geography 2133A/B, Geography 2152F/G, Geography 2153A/B, Environmental Science 1021F/G.
Extra Information: 4 hours.
Course Weight: 0.50.

Course Introduction – Effective September 1, 2023, the following course be introduced:

GEOGRAPHY 2903F/G SELECTED TOPICS IN GEOGRAPHY & ENVIRONMENT

Consult the Department of Geography and Environment for details of course offering.

Prerequisite(s): 1.0 course from Geography 1100, Geography 1200A/B, Geography 1300A/B, Geography 1400F/G, Geography 1500F/G, Geography 2131A/B, Geography 2132A/B, Geography 2133A/B, Geography 2152F/G, Geography 2153A/B, Environmental Science 1021F/G.
Extra Information: 3 hours.
Course Weight: 0.50.

Course Introduction – Effective September 1, 2023, the following course be introduced:

GEOGRAPHY 2904F/G

SELECTED TOPICS IN GEOGRAPHY & ENVIRONMENT

Consult the Department of Geography and Environment for details of course offering.

Prerequisite(s): 1.0 course from Geography 1100, Geography 1200A/B, Geography 1300A/B, Geography 1400F/G, Geography 1500F/G, Geography 2131A/B, Geography 2132A/B, Geography 2133A/B, Geography 2152F/G, Geography 2153A/B, Environmental Science 1021F/G.

Extra Information: 4 hours.

Course Weight: 0.50.

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN CLIMATE CHANGE AND SOCIETY

Module

6.5 courses:

2.0 courses: Geography 2133A/B, Geography 3350A/B, Geography 3446F/G, Geography 4450F/G.

1.0 courses from: Biology 2485A/B, Biology 3425F/G, Geography 2310A/B, Geography 2320A/B, Geography 2330A/B, Geography 3352A/B.

0.5 course from: Geography 2210A/B or any of the statistics courses listed as its anti-requisite, Geography 2220A/B, Geography 3250A/B.

2.0 courses from: Anthropology 2203F/G or Indigenous Studies 2203F/G, Anthropology 2237A/B, Anthropology 2277A/B, Economics 2172A/B, Geography 2162A/B, Geography 2411F/G or Indigenous Studies 2601F/G, Geography 2430A/B, Geography 3441F/G, Geography 3443F/G, Geography 3445F/G, Political Science 3208F/G, Political Science 3379E, Sociology 2155A/B, Sociology 4471F/G.

1.0 courses from: **Governance, Leadership and Ethics 2005F/G**, History 3721F/G, History 3723F/G, Philosophy 2035F/G, Philosophy 2356F/G, Philosophy 3850F/G, Gender, Sexuality, and Women's Studies 2165A/B, Gender, Sexuality, and Women's Studies 3312F/G.

Program Revision – Effective September 1, 2023, the following change(s) be made:

HONOURS SPECIALIZATION IN GEOGRAPHY AND ENVIRONMENT AND COMMERCIAL AVIATION MANAGEMENT – BA

Module

11.0 courses:

0.5 course: Geography 2210A/B (must be taken in Year 2).

1.5 courses: Geography 2220A/B, Geography 2230A/B, Geography 2310A/B.

3.0 courses: MOS 1022F/G, MOS 3305A/B, MOS 3306A/B, MOS 4405F/G, MOS 4406F/G, MOS 4409F/G.

1.0 course from: Geography 2330A/B, Geography 2410A/B, Geography 2411F/G, Geography 2420A/B, Geography 2430A/B, Geography 2460F/G.

1.0 course from: Geography 3210A/B, Geography 3211A/B, Geography 3222A/B, Geography 3223A/B, Geography 3224A/B, Geography 3225A/B, Geography 3226A/B, Geography 3231A/B, Geography 3250A/B, Geography 3421A/B, Geography 4220A/B.

1.0 course from: Geography 2132A/B, Geography 2133A/B, Geography 3311A/B, Geography 3334A/B, Geography 3341A/B, Geography 3350A/B, Geography 3352A/B.

1.0 course from: Geography 2000-2999, History 2814F/G or MOS 2199Y.

2.0 courses from: Geography 2200-4999, **MOS 2330A/B**, MOS 3199Y, MOS 4199Y.

Program Revision – Effective September 1, 2023, the following change(s) be made:

SPECIALIZATION IN GEOGRAPHY AND ENVIRONMENT AND COMMERCIAL AVIATION MANAGEMENT – BA

Module

9.5 courses:

0.5 course: Geography 2210A/B (must be taken in Year 2).

1.5 courses: Geography 2220A/B, Geography 2230A/B, Geography 2310A/B.

3.0 courses: MOS 1022F/G, MOS 3305A/B, MOS 3306A/B, MOS 4405F/G, MOS 4406F/G, MOS 4409F/G.

0.5 course from: Geography 2330A/B, Geography 2410A/B, Geography 2411F/G, Geography 2420A/B, Geography 2430A/B, Geography 2460F/G.

1.0 course from: Geography 3210A/B, Geography 3211A/B, Geography 3222A/B, Geography 3223A/B, Geography 3224A/B, Geography 3225A/B, Geography 3226A/B, Geography 3231A/B, Geography 3250A/B, Geography 3421A/B, Geography 4220A/B.

0.5 course from: Geography 2132A/B, Geography 2133A/B, Geography 3311A/B, Geography 3334A/B, Geography 3341A/B, Geography 3350A/B, Geography 3352A/B.

1.0 course from: Geography 2000-2999, History 2814F/G, MOS 2199Y.

1.5 courses from: Geography 2100-4899, **MOS 2330A/B**, MOS 3199Y, MOS 4199Y.

DEPARTMENT OF POLITICAL SCIENCE

Course Introduction – Effective September 1, 2023, the following course be introduced:

POLITICAL SCIENCE 2145A/B RUSSIA AND UKRAINE AT WAR

On 24 February 2022 Russia escalated and launched a full-scale war against Ukraine. This course gets behind the headlines and explores the what, why, and how of this brutal, unprovoked war in modern Europe. Themes include hybrid warfare, disinformation, geo-politics, international law, humanitarian impact, and more.

Antirequisites: Political Science 2192A/B if taken in 2022-23.

Extra Information: 2 hours.

Course Weight: 0.50

DEPARTMENT OF PSYCHOLOGY

Course Revision – Effective March 1, 2023, the following change(s) be made:

PSYCHOLOGY 3130A/B PSYCHOLOGY OF THINKING

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B, Psychology 2135A/B.

Course Revision – Effective March 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3301F/G
CLINICAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2310A/B or Psychology 2320A/B.

Course Revision – Effective March 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3720F/G
THE PSYCHOLOGY OF PROSOCIAL AND ANTISOCIAL BEHAVIOUR**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810 (or Psychology 2780E or permission of the Department at Huron).

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3138F/G
HUMAN MEMORY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B, Psychology 2135A/B, Psychology 2220A/B, Psychology 2221A/B, ~~or~~ Neuroscience 2000. Minimum grade of 60% required in all prerequisite courses.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3139A/B
COGNITIVE SCIENCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B, Psychology 2135A/B, Psychology 2220A/B, Psychology 2221A/B, ~~or~~ Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3140F/G
BILINGUALISM**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2134A/B, Psychology 2135A/B, Psychology 2410A/B.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3141F/G
LANGUAGE DEVELOPMENT**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2134A/B, Psychology 2135A/B, Psychology 2410A/B.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3143F/G
READING ABILITY AND DISABILITY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2134A/B, Psychology 2135A/B, Psychology 2410A/B.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3184F/G
RESEARCH IN THE PSYCHOLOGY OF LANGUAGE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B or Psychology 2135A/B, **PLUS** registration in third or fourth year Honours Specialization in Psychology or Honours Specialization in Developmental Cognitive Neuroscience. Third or fourth year Psychology Majors and Psychology Special Students who receive 70% or higher **in both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former** Psychology 2820E (or 60% or higher in **the former** Psychology 2800E and **the former** Psychology 2810), plus 60% or higher in one of Psychology 2115A/B, Psychology 2134A/B or Psychology 2135A/B also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3185F/G
RESEARCH IN COGNITIVE PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B, or Psychology 2135A/B, Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000 **PLUS** registration in third or fourth year Honours Specialization in Psychology, or Honours Specialization in Developmental Cognitive Neuroscience or Honours Specialization in Neuroscience. Third or fourth year Psychology Majors and Psychology Special Students who receive 70% or higher in **both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former** Psychology 2820E (or 60% or higher in **the former** Psychology 2800E and **the former** Psychology 2810), plus 60% or higher in one of Psychology 2115A/B, Psychology 2134A/B, Psychology 2135A/B, Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000 also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3209F/G
NEUROSCIENCE OF MOTIVATION AND EMOTION**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3221F/G
ANIMAL BEHAVIOR**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3224A/B
NEUROPSYCHOLOGY AND COGNITIVE NEUROSCIENCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3225A/B
SEX DIFFERENCES IN HUMAN BRAIN AND BEHAVIOUR**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000. Minimum grade of 60% required in all prerequisite courses.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3226A/B
HORMONES AND BEHAVIOUR**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and a grade of at least 70% in one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3230F/G
COGNITIVE NEUROSCIENCE OF MUSIC**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2115A/B, Psychology 2134A/B, Psychology 2135A/B, Psychology 2220A/B, ~~or~~ Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3285F/G
RESEARCH IN BEHAVIOURAL NEUROSCIENCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000, **PLUS** registration in third or fourth year Honours Specialization in Psychology or Honours Specialization in Developmental Cognitive Neuroscience, Honours Specialization in Neuroscience, or Honours Specialization in Animal Behavior. Third or fourth year Psychology Majors and Psychology Special Students who receive 70% or higher in **both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former** Psychology 2820E (or 60% or higher in **the former** Psychology 2800E and **the former** Psychology 2810), plus 60% or higher in one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000 also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3295F/G
SPECIAL TOPICS IN BEHAVIORAL AND COGNITIVE NEUROSCIENCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3312F/G
STRESS AND COPING**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3316F/G
PSYCHOLOGICAL TRAUMA**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3390F/G
SPECIAL TOPICS IN CLINICAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3440F/G
DEVELOPMENTAL COGNITIVE NEUROSCIENCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3441F/G
FRONTAL CORTEX AND THE DEVELOPMENT OF COGNITIVE CONTROL**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3442F/G
MIND, BRAIN AND EDUCATION**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3443F/G
DEVELOPMENT OF THE MATHEMATICAL BRAIN**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B or Neuroscience 2000.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3444F/G
DEVELOPMENT OF THE SOCIAL BRAIN**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B **or Neuroscience 2000**.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3444F/G
DEVELOPMENT OF THE SOCIAL BRAIN**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B **or Neuroscience 2000**.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3480F/G
RESEARCH IN DEVELOPMENTAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B or Psychology 2410A/B, **PLUS** registration in third or fourth year Honours Specialization in Psychology or Honours Specialization in Developmental Cognitive Neuroscience. Third or fourth year Psychology Majors and Psychology Special Students who receive 70% or **higher in both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former** Psychology 2820E (or 60% or higher in **the former** Psychology 2800E and **the former** Psychology 2810), plus 60% or higher in one of Psychology 2040A/B or Psychology 2410A/B also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3485F/G
RESEARCH IN DEVELOPMENTAL COGNITIVE NEUROSCIENCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, and one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B, ~~Psychology 2410A/B~~ or Neuroscience 2000, **PLUS** registration in third or fourth year Honours Specialization in Psychology, Honours Specialization in Developmental Cognitive Neuroscience or, Honours Specialization in Neuroscience. Third or fourth year Psychology Majors and Psychology Special Students who receive 70% or higher in **both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former** Psychology 2820E (or 60% or higher in **the former** Psychology 2800E and **the former** Psychology 2810), plus 60% or higher in one of Psychology 2040A/B, Psychology 2410A/B, Psychology 2220A/B, Psychology 2221A/B, Psychology 2410A/B or Neuroscience 2000 also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3490F/G
SPECIAL TOPICS IN DEVELOPMENTAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3580F/G
RESEARCH IN PERSONALITY ASSESSMENT**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or both the former** Psychology 2800E and **the former** Psychology 2810, **PLUS** ~~plus~~ registration in third or fourth year Honours Specialization in Psychology or Honours Specialization in Developmental Cognitive Neuroscience. Third or fourth year Psychology Majors and Psychology Special Students who earn 70% or higher in **both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former** Psychology 2820E (or 60% or higher in **the former** Psychology 2800E and **the former** Psychology 2810) also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3610F/G
USING PSYCHOLOGY TO MANAGE AND MEASURE EMPLOYEE WORK
PERFORMANCE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3690F/G
SPECIAL TOPICS IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3694F/G
TEAMS AND WORK GROUPS IN ORGANIZATIONS**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3723F/G
ATTITUDES AND ATTITUDE CHANGE**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3724F/G
THE SCIENCE OF ROMANTIC RELATIONSHIPS**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3780F/G
RESEARCH IN SOCIAL PSYCHOLOGY**

Both Psychology 2801F/G and Psychology 2811A/B, or both the former Psychology 2800E, and the former Psychology 2810, and one of Psychology 2070A/B or Psychology 2720A/B, PLUS ~~plus~~ registration in third or fourth year Honours Specialization in Psychology or Honours Specialization in Developmental Cognitive Neuroscience. **Third or fourth year Psychology Majors and Psychology Special Students who earn 70% or higher in both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former Psychology 2820E (or 60% or higher in the former Psychology 2800E and the former Psychology 2810),** ~~plus 60% or higher in one of Psychology 2070A/B or Psychology 2720A/B)~~ also may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3790F/G
SPECIAL TOPICS IN SOCIAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E, or both the former Psychology 2800E and the former Psychology 2810.**

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3840F/G
SURVEY DESIGN AND CONSTRUCTION**

Prerequisite(s): ~~Registration in third or fourth year Honours Specialization in Psychology~~ **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E, or both the former Psychology 2800E and the former Psychology 2810, or minimum grade of 70% in Psychology 2840F/G (or minimum grade of 70% in both Psychology 2830A and Psychology 3830F/G at Huron), PLUS registration in third or fourth year Honours Specialization in Psychology;** ~~or minimum grade of 60% in both Psychology 2800E and Psychology 2810, or minimum grade of 70% in Psychology 2820E (or a minimum grade of 60% in both Psychology 2830A/B and Psychology 3830F/G at Huron). Other Psychology students and Special Students who receive a 70% in Psychology 2810 may also enrol in this course.~~ **Third or fourth year Psychology Majors and Psychology Special Students who earn 70% or higher in both Psychology 2801F/G and Psychology 2811A/B, or 70% or higher in the former Psychology 2820E (or 60% or higher in the former Psychology 2800E and the former Psychology 2810) also may enrol in this course.**

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3860F/G
QUALITATIVE RESEARCH METHODS**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3912F/G
PSYCHOLOGY AND THE ARTS**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3950F/G
HISTORY OF PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3990F/G
SPECIAL TOPICS IN PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3991F/G
SPECIAL TOPICS IN PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3996F
INDEPENDENT STUDY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E, or both the former Psychology 2800E and the former Psychology 2810; AND PLUS** registration in third or fourth year Major or Honours Specialization Modules in Psychology or the Honours Specialization module in Neuroscience at Western Main Campus. In addition, written permission of instructor and department and an "A" average the previous year.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 3997FG
INDEPENDENT STUDY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E, or both the former Psychology 2800E and the former Psychology 2810; AND PLUS** registration in third or fourth year Major or Honours Specialization Modules in Psychology or the Honours Specialization module in Neuroscience at Western Main Campus. In addition, written permission of instructor and department and an "A" average the previous year.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4115F/G
ATYPICAL SENSORY EXPERIENCE**

Prerequisite(s): One of ~~the following courses:~~ Psychology 2115A/B, Psychology 2015A/B, Neuroscience 2000, Physiology ~~and~~ or Pharmacology 4710A/B, **AND PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4190F/G
SPECIAL TOPICS IN SENSATION AND PERCEPTION PSYCHOLOGY**

Prerequisite(s): **One of** Psychology 2220A/B, ~~or~~ Psychology 2221A/B, **or Neuroscience 2000, and PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in

Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 70% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4195F/G
SPECIAL TOPICS IN COGNITIVE PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, ~~plus~~ **PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, Honours Specialization in Developmental Cognitive Neuroscience, Honours Specialization in Neuroscience, or Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4222F/G
BEHAVIOURAL PHARMACOLOGY**

Prerequisite(s): **One of** Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000, ~~and~~ **PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 70% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4223F/G
BRAIN, BEHAVIOR, AND THE IMMUNE SYSTEM**

Prerequisite(s): **One of** Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000, ~~and~~ **PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology

Special Students who receive 70% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4224F/G
ANIMAL COGNITION**

Prerequisite(s): **One of** Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000, **and PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 70% in the prerequisite course may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4260F/G
SENSORIMOTOR NEUROSCIENCE**

Prerequisite(s): **One of** Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000, **and PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 70% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4290F/G
SPECIAL TOPICS IN ANIMAL BEHAVIOUR AND ANIMAL COGNITION**

Prerequisite(s): **One of** Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000, **and PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 70% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4295F/G
SPECIAL TOPICS IN BEHAVIOURAL AND COGNITIVE NEUROSCIENCE**

Prerequisite(s): **One of** Psychology 2220A/B, Psychology 2221A/B, or Neuroscience 2000, **and PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology, **fourth year** Honours Specialization in Developmental Cognitive Neuroscience, **fourth year** Honours Specialization in Neuroscience, or **fourth year** Honours Specialization in Animal Behaviour. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 70% in the prerequisite course(s) may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4390F/G
SPECIAL TOPICS IN CLINICAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, **plus PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4420F/G
BULLYING AND VICTIMIZATION**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former** Psychology 2820E, or both **the former** Psychology 2800E and **the former** Psychology 2810, **plus PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4490F/G
SPECIAL TOPICS IN DEVELOPMENTAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E,** or both **the former Psychology 2800E and the former Psychology 2810, plus PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4590F/G
SPECIAL TOPICS IN PERSONALITY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E,** or both **the former Psychology 2800E and the former Psychology 2810, plus PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4690F/G
SPECIAL TOPICS IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E,** or both **the former Psychology 2800E and the former Psychology 2810, plus PLUS** registration in ~~third or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4790F/G
SPECIAL TOPICS IN SOCIAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E,** or both **the former Psychology 2800E and the former Psychology 2810, plus PLUS** registration in ~~third-or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**PSYCHOLOGY 4791F/G
SPECIAL TOPICS IN SOCIAL PSYCHOLOGY**

Prerequisite(s): **Both Psychology 2801F/G and Psychology 2811A/B, or the former Psychology 2820E,** or both **the former Psychology 2800E and the former Psychology 2810, plus PLUS** registration in ~~third-or~~ fourth year **Main Campus** Honours Specialization in Psychology or **fourth year** Honours Specialization in Developmental Cognitive Neuroscience. ~~Other~~ **Fourth year Main Campus** Psychology students and **Main Campus** Psychology Special Students who receive 75% in the prerequisite courses may enrol in this course.

BRESCIA UNIVERSITY COLLEGE

SCHOOL OF HUMANITIES

Course Introduction – Effective September 1, 2023, the following course be introduced:

HISTORY 3206F/G

IDENTITIES IN CONFLICT: CANADIAN SOCIAL HISTORY SINCE 1800

(Short Title: Canadian Social History >1800)

This course examines the social history of Canada since 1800. Focusing on the lives of everyday people and utilizing issues of gender, race, class, and sexuality, this course explores topics related to industrialization, urbanization, immigration, family, crime, and social reform. Considerable attention is paid to the historiography/methodologies of the field.

Antirequisite(s): History 3205E

Prerequisite(s): 1.0 course in History at the 2200-level or above.

Extra Information: 2 Seminar hours.

Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

HISTORY 3441F/G

GLORIANA IN HISTORY, LITERATURE, PORTRAITURE AND FILM

(Short Title: Hist, Lit & Film)

Elizabeth I, or Gloriana, fascinated scholars for centuries, reaching new heights with developments in women's and gender history, but more recently with studies of "Queenship and Power." Using primary sources, this seminar will explore the historiography, history, literature, portraiture and films that surround the myth and memory of Gloriana.

Antirequisite(s): History 3440E.

Prerequisite(s): 1.0 course in History at the 2200-level or above, or permission of the Department.

Extra Information: 3 Seminar hours.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**HISTORY 3440E
THE VIRGIN QUEEN**

The Virgin Queen or Glorianna, Elizabeth I is the most studied Briton of the early modern period. Using primary and secondary sources including literature and film, this research seminar examines Elizabeth's role as a leader, woman, and queen, exploring her self-representation and later use of her image and memory.

Antirequisite(s): **History 3441F/G** ~~History 3496F/G at Brescia in Winter 2009, Fall 2010 and Fall 2011.~~

Prerequisite(s): 1.0 History course at the 2200 level or above.

Extra Information: 3 hours.

Course Weight: 1.00

Course Introduction – Effective September 1, 2023, the following course be introduced:

**POLITICAL SCIENCE 2324F/G
PARADOXES AND POLITICS**

A course which investigates items in political science that are counter to common sense or elude explanation. Items that are considered include the decline of crime, the election of the unelectable, that failing is good, and other paradoxes in politics.

Prerequisite(s): Political Science 1020E, Political Science 1021F/G and 1022F/G or permission of instructor.

Extra Information: 3 hours.

Course Weight: 0.50

HURON UNIVERSITY COLLEGE

ENGLISH AND CULTURAL STUDIES – FACULTY OF ARTS AND SOCIAL SCIENE

Course Revision – Effective September 1, 2023, the following change(s) be made:

GLOBAL GREAT BOOKS 3300F/G THE ETHICS OF LEADERSHIP

This interdisciplinary course explores how to be an ethical leader by introducing students to the philosophy of leadership in works of philosophy, politics, and literature. Reading diverse works from around the world, students will explore the nature of leadership from the ancient world to the present.

Antirequisite(s): **GLE 3002F/G, MOS 3551F/G.**

Extra Information: 3 hours. **Cross-listed with GLE 3002F/G and MOS 3351F/G.**

Course Weight: 0.50

GOVERNANCE, LEADERSHIP AND ETHICS PROGRAM

Course Introduction – Effective September 1, 2023, the following course be introduced:

GOVERNANCE, LEADERSHIP AND ETHICS 2010F/G INTRODUCTION TO PUBLIC POLICY AND GOVERNANCE

(Short title: Intro to Public Policy & Governance)

This course introduces students to the study of public policy and governance. Examining the core concepts of the public policy cycle, policy instruments and program evaluation, the course explores challenges of cross-sector collaboration, multi-level governance, citizenship engagement, and leadership accountability.

Prerequisite(s): GLE 1010F/G or 1.0 Political Science course(s) at the 1000-level or permission of the instructor.

Antirequisite(s): Political Science 2146, Political Science 2218F/G, Political Science 2246E, Political Science 2247F/G, Political Science 2284F/G, Political Science 2546F/G, Political Science 2547F/G.

Extra Information: 3 hours. Cross-listed with Political Science 2247F/G.

Course weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

**GOVERNANCE, LEADERSHIP AND ETHICS 3002F/G
THE ETHICS OF LEADERSHIP**

This interdisciplinary course explores how to be an ethical leader by introducing students to the philosophy of leadership in works of philosophy, politics, and literature. Reading diverse works from around the world, students will explore the nature of leadership from the ancient world to the present.

Antirequisite(s): GGB 3300F/G, MOS 3351F/G.

Extra Information: 3 hours. Cross-listed with GGB 3300F/G and MOS 3351F/G.

Course Weight: 0.50

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN GOVERNANCE, LEADERSHIP AND ETHICS

Module

6.0 courses:

1.5 courses: GLE 2001F/G; Philosophy 2700F/G (cross-listed as GLE 2002F/G); GLE 2003F/G.

1.0 course from the Governance Group: Political Science 2231E, Political Science 2246E, Political Science 2257, Political Science 2284F/G, Political Science 3345E, Political Science 3351E, Political Science 3355E, Political Science 3368E, Political Science 3379E; MOS 3353F/G, MOS 4410A/B; Philosophy 2253A/B, Philosophy 2263F/G, Philosophy 3880F/G; History 2204F/G, History 2302F/G, History 2710F/G, History 2602F/G, History 2604F/G, History 3201E, History 3219E, the former History 3607F/G, **GLE 2010F/G**.

1.0 course from the Leadership Group: Political Science 2270E, Political Science 3304F/G, Political Science 3306F/G; MOS 2155A/B, MOS 3385A/B, MOS 4488A/B; Philosophy 2760F/G, Philosophy 2820F/G; History 2813F/G, History 3313F/G, History 3705E, History 4202F/G, History 4308F/G, History 4810F/G.

1.0 course from the Ethics Group: Political Science 2219E, Political Science 2237E; History 3406F/G, History 3615F/G, History 4414F/G, History 4422F/G; Philosophy 2074F/G, Philosophy 2812F/G, Philosophy 2821F/G, Philosophy 2822F/G, Philosophy 3710F/G, Philosophy 3720F/G, Philosophy 3810F/G, Philosophy 3820F/G, Philosophy 3840F/G.

0.5 course from the Governance Group, the Leadership Group, or the Ethics Group.

1.0 capstone course: GLE 4001E.

HISTORY – FACULTY OF ARTS AND SOCIAL SCIENCE

Course Introduction – Effective September 1, 2023, the following course be introduced:

HISTORY 1819F/G

MONSTERS: A HUMAN HISTORY

Who decides what makes a monster? Using primary sources drawn from various global histories and political contexts, the course examines shifting ideas of “the monstrous” and asks what the monstrous reveals about concepts of nature and the natural, gender, race, reason, spectacle, belief, power, modernity, and what makes us human.

Extra Information: 3 hours.

Course weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

HISTORY 2801F/G

HISTORY WARS: CONTROVERSIES IN THE PUBLIC USES AND ABUSES OF HISTORY

(Short Title: History Wars)

By exploring heated debates and controversies surrounding public interpretations of the past, this course introduces the practical skills, theory, and ethical awareness vital for public historians and heritage professionals. Attention is paid to how government, businesses, media, and historians influence public awareness of the past.

Extra Information: 3 hours.

Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

HISTORY 3230F/G

DIGITAL DISRUPTIONS: USING DIGITAL TOOLS TO LEARN MI'KMAW AND ACADIAN HISTORIES

(Short title: Early Atlantic Digital History)

This course uses Mi'kmaq and Acadian archival case studies to teach digital historical methods. Students will become familiar with the complex ways Indigenous, colonial, and imperial spatial understanding shaped eighteenth-century northeastern North America. They will also develop skills in digital mapping, social network analysis, distant reading, and digital annotation software.

Prerequisite(s): 1.0 History course at the 2200-level or above.
Extra Information: 2 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

HISTORY 1808F/G

POWERFUL WORDS: GLOBAL HISTORY THROUGH KEY SOURCES

~~A FEW WORDS THAT CHANGED THE WORLD~~

(Short Title: Key Sources in Global History)

Course Revision – Effective September 1, 2023, the following change(s) be made:

HISTORY 2811F/G

COMMUNITIES, GOVERNMENTS, BUSINESSES: THE USES OF HISTORY

~~HISTORIANS, COMMUNITIES, AND THE PAST~~

(Short Title: Uses of History)

Course Revision – Effective September 1, 2023, the following change(s) be made:

HISTORY 4810F/G

MAKING HISTORY MATTER TO THE PUBLIC: PRACTICING ACTIVE HISTORY

~~ENGAGING THE PAST: PRACTICING ACTIVE HISTORY~~

(Short Title: Making History Matter)

MANAGEMENT AND ORGANIZATIONAL STUDIES – FACULTY OF ARTS AND SOCIAL SCIENCE

Course Introduction – Effective September 1, 2023, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 2250A/B INDIGENOUS ENTREPRENEURSHIP

This 2000-level survey course will explore the foundations of entrepreneurship with a focus on Indigenous business development. Special consideration will be given to the unique context, resources and considerations for Indigenous entrepreneurs and non-Indigenous entrepreneurs looking to partner with Indigenous businesses, people, and communities on business ventures.

Prerequisite(s): Enrolment in year 2–4 of BMOS.
Antirequisite(s): MOS 2298A/B if taken in 2022-23.
Extra Information: 3 lecture hours.

Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

**MANAGEMENT AND ORGANIZATIONAL STUDIES 2265F/G
PROFESSIONAL COMMUNICATIONS**

Increasingly, employers explicitly require graduates who demonstrate competencies in research and written and spoken communication, and are able to communicate convincingly using not just general communication principles but also disciplinary conventions. Topics include: principles of rhetoric, effective research practices for business, designing and delivering professional presentations, and genre-specific writing.

Prerequisite(s): Enrolment in Year 2–4 of BMOS.

Antirequisite(s): MOS 2205F/G, MOS 2299F/G if taken in 2019-20, 2020-21, 2021-22, 2022-23.

Extra Information: 3 lecture hours.

Course Weight: 0.50

Course Introduction – Effective September 1, 2023, the following course be introduced:

**MANAGEMENT AND ORGANIZATIONAL STUDIES 3351F/G
THE ETHICS OF LEADERSHIP**

This interdisciplinary course explores how to be an ethical leader by introducing students to the philosophy of leadership in works of philosophy, politics, and literature. Reading diverse works from around the world, students will explore the nature of leadership from the ancient world to the present.

Antirequisite(s): GGB 3300F/G, GLE 3002F/G.

Extra Information: 3 hours. Cross-listed with GGB 3300F/G and GLE 3002F/G.

Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**MANAGEMENT AND ORGANIZATIONAL STUDIES 2227A/B
INTRODUCTION TO FINANCIAL ACCOUNTING**

This course is an integrated introduction to accounting principles and practices. It is designed to help students begin to understand accounting information, along with its uses and limitations. This course is to provide students with an integrated framework for preparing, analyzing and interpreting the financial statements.

Antirequisite(s): Business Administration 2257.

Prerequisite(s): **Completion of 4.0 1000-level courses.** ~~5.0 courses at University level, and enrollment in second-year BMOS program.~~

Course Revision – Effective September 1, 2023, the following change(s) be made:

**MANAGEMENT AND ORGANIZATIONAL STUDIES 2228A/B
INTRODUCTION TO FINANCIAL ACCOUNTING**

Students will examine how accounting information is used within organizations to plan, monitor and control. The purpose of this course is to ensure students have a basic understanding of how such management accounting systems and controls operate, the language they use and their limitations.

Antirequisite(s): Business Administration 2257.

Prerequisite(s): **Completion of 4.0 1000-level courses.** ~~5.0 courses at University level, and enrollment in second-year BMOS program.~~

POLITICAL SCIENCE – FACULTY OF ARTS AND SOCIAL SCIENCE

Course Introduction – Effective September 1, 2023, the following course be introduced:

**POLITICAL SCIENCE 2247F/G
INTRODUCTION TO PUBLIC POLICY AND GOVERNANCE**

(Short title: Intro to Public Policy & Governance)

This course introduces students to the study of public policy and governance. Examining the core concepts of the public policy cycle, policy instruments and program evaluation, the course explores challenges of cross-sector collaboration, multi-level governance, citizenship engagement, and leadership accountability.

Prerequisite(s): GLE 1010F/G or 1.0 Political Science course(s) at the 1000-level or permission of the instructor.

Antirequisite(s): GLE 2010F/G, Political Science 2146, Political Science 2218F/G, Political Science 2246E, Political Science 2284F/G, Political Science 2546F/G, Political Science 2547F/G.

Extra Information: 3 hours. Cross-listed with GLE 2010F/G.

Course weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2209E
SPECIAL TOPICS IN COMPARATIVE POLITICS**

~~SPECIAL TOPICS IN COMPARITIVE POL~~

(Short Title: Sel Topics in Comparative Pol)

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2230E
CANADIAN GOVERNMENT AND POLITICS**

Antirequisite(s) at Main Campus **and Huron Campus**: Political Science 2103A/B, Political Science 2130, Political Science 2133A/B, Political Science 2221F/G, Political Science 2223F/G, Political Science 2530F/G, Political Science 2533F/G.

Antirequisite(s) at Brescia, ~~Huron~~, **and** King's Campus: Political Science 2103A/B, Political Science 2130, Political Science 2133A/B, Political Science 2221F/G, Political Science 2223F/G.

Prerequisite(s): **1.0 Political Science course(s) at the 1000-level** ~~Political Science 1020E~~.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2231E
INTERNATIONAL RELATIONS**

Antirequisite(s) at Main Campus **and Huron Campus**: Political Science 2131, Political Science 2231W/X, Political Science 2531F/G, Political Science 2532F/G.

Antirequisite(s) at Brescia, ~~Huron~~, **and** King's Campus: Political Science 2131, Political Science 2231W/X.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2237E
INTRODUCTION TO POLITICAL THEORY**

Antirequisite(s) at Main Campus **and Huron Campus**: Philosophy 2800F/G, Philosophy 2801F/G, Philosophy 2802E, Political Science 2237W/X, Political Science 2537F/G, Political Science 2538F/G, the former Philosophy 2802E.

Antirequisite(s) at ~~Huron and~~ King's Campus: Philosophy 2800F/G, Philosophy 2802E, Political Science 2237W/X, the former Philosophy 2801F/G.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2244E
AMERICAN GOVERNMENT AND POLITICS**

Antirequisite(s) ~~at Main Campus~~: Political Science 2217F/G, Political Science 2239F/G, Political Science 2544F/G. ~~Antirequisite(s) at Huron Campus: Political Science 2217F/G, Political Science 2239F/G~~.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2245E
INTRODUCTION TO COMPARATIVE POLITICS**

Antirequisite(s) at Main Campus **and Huron Campus**: Political Science 2545F/G.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2246E
PUBLIC ADMINISTRATION AND POLICY**

Antirequisite(s) at Main Campus **and Huron Campus**: Political Science 2146, Political Science 2218F/G, Political Science 2546F/G, Political Science 2547F/G. Antirequisite(s) at Brescia **and Huron** Campus: Political Science 2146, Political Science 2218F/G.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2248E
WESTERN EUROPEAN POLITICAL SYSTEMS
~~WESTERN EUROPEAN POLITICAL SYSTEMS~~**
(Short Title: Western European Pol Systems)

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2291F/G
TERROR AND THE POLITICS OF FEAR**

Pre-or Corequisite(s): ~~Political Science 1020E or Political Science 1021F/G or Political Science 1022F/G~~ **1.0 Political Science course(s) at the 1000-level** or permission of the Department.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2293F/G
GENOCIDE, FAMINE, AND OTHER MASS ATROCITIES**

Pre-or Corequisite(s): ~~Political Science 1020E or Political Science 1021F/G or Political Science 1022F/G~~ **1.0 Political Science course(s) at the 1000-level** or permission of the Department.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2293F/G
GENOCIDE, FAMINE, AND OTHER MASS ATROCITIES**

Extra Information: **3 hours** ~~2-seminar hours~~.
Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2297F/G
CITIZENSHIP, BORDERS AND THE STATE**

Pre-or Corequisite(s): ~~Political Science 1020E or Political Science 1021F/G or
Political Science 1022F/G~~ **1.0 Political Science course(s) at the 1000-level** or
permission of the Department.

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2293F/G
GENOCIDE, FAMINE, AND OTHER MASS ATROCITIES**

Extra Information: **3 hours** ~~2-seminar hours~~.
Course Weight: 0.50

Course Revision – Effective September 1, 2023, the following change(s) be made:

**POLITICAL SCIENCE 2293F/G
GENOCIDE, FAMINE, AND OTHER MASS ATROCITIES**

Extra Information: **3 hours** ~~2-seminar hours~~.
Course Weight: 0.50

KING'S UNIVERSITY COLLEGE

SCHOOL OF MANAGEMENT, ECONOMICS, AND MATHEMATICS

Program Revision – Effective September 1, 2023, the following change(s) be made:

HONOURS SPECIALIZATION IN ECONOMICS

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark less than 60% in 3.0 principal courses, including an average of 70% and no grades less than 60% in the following 2.0 courses: Economics 1021A/B and Economics 1022A/B; 0.5 from ~~Mathematics 1225A/B~~, Mathematics 1230A/B, Calculus 1000A/B AND 0.5 from Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1301A/B, or Calculus 1501A/B.

Module

9.0 courses:

3.0 courses normally taken in second year: Economics 2220A/B, Economics 2221A/B, Economics 2222A/B, Economics 2223A/B, Economics 2260A/B, Economics 2261A/B.

2.0 courses normally taken in third year: Economics 2210A/B, Economics 3313E, Economics 3381A/B.

~~2.0~~ **1.5** courses normally taken in fourth year: ~~Economics 3319F/G~~, Economics 3320A/B, Economics 4405E.

~~2.0~~ **2.5** additional courses in Economics at the 3000 level. **Students can replace 0.5 course with: 0.5 course from Analytics and Decision Sciences, or 0.5 course from History 3636F/G or History 3851F/G, or 0.5 course from Psychology 3393G: Special Topics Psychology (Applied Decision Making in Psychology) if taken in 2019-2020.**

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Program Revision – Effective September 1, 2023, the following change(s) be made:

SPECIALIZATION IN ECONOMICS

Admission Requirements

Completion of first-year requirements, including:

Economics 1021A/B and Economics 1022A/B, with no mark less than 60%;

0.5 from ~~Mathematics 1225A/B~~, Mathematics 1230A/B, or Calculus 1000A/B;

0.5 from Mathematics 1229A/B, Calculus 1301A/B, Calculus 1501A/B, or Mathematics 1600A/B.

Students who fail to meet the 60% in Economics 1021A/B and Economics 1022A/B may take a Specialization if they have a grade of at least 60% in each of Economics 2150A/B **or Economics 2260A/B**, and Economics 2152A/B **or Economics 2220A/B**. (Students should note the mathematics requirements for some of the courses required in the module).

Module

9.0 Courses:

3.0 courses: Economics 2122A/B **or Economics 2222A/B**, Economics 2123A/B **or Economics 2223A/B**, Economics 2150A/B **or Economics 2260A/B**, Economics 2151A/B **or Economics 2261A/B**, Economics 2152A/B **or Economics 2220A/B**, Economics 2153A/B **or Economics 2221A/B**.*

6.0 additional courses in Economics **at the 2100-level or above (up to 0.5 non-Economics course offered within the School of Management, Economics, and Mathematics when fulfilling the prerequisites requirements)**, ~~up to 1.5 of which may be courses at the 3000 level (excluding Economics 3320A/B, Economics 3381A/B, Economics 3313E)**~~

*Students who have taken a statistics course that is an antirequisite to Economics 2122A/B **or Economics 2222A/B** can count that course in place of Economics 2122A/B **or Economics 2222A/B** (exception: if the statistics course is being used in another module, no credit overlap is allowed, and students are required to replace Economics 2122A/B **or Economics 2222A/B** with another 0.5 course in Economics at the 2100 level or higher).

~~**Students who have completed Economics 2122A/B, Economics 2123A/B, Economics 2150A/B, Economics 2151A/B, Economics 2152A/B and Economics 2153A/B with no mark less than 75%, and who have completed Calculus 1000A/B or Calculus 1500A/B or the former Calculus 1100A/B with a mark of~~

~~60% or higher, may request permission to take courses in Economics at the 3000 level, excluding Economics 3320A/B, Economics 3381A/B, Economics 3313E.~~

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN ECONOMICS

Admission Requirements

Completion of first-year requirements, including the following 2.0 courses with an average of 70% and no grade less than 60% in any subject: Economics 1021A/B and Economics 1022A/B; 0.5 from ~~Mathematics 1225A/B~~, Mathematics 1230A/B, Calculus 1000A/B AND 0.5 from Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1301A/B, or Calculus 1501A/B.

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Program Revision – Effective September 1, 2023, the following change(s) be made:

MINOR IN ECONOMICS

Admission Requirements

Completion of first-year requirements, including Economics 1021A/B and Economics 1022A/B with a mark of at least 60%. Students who fail to meet the 60% in Economics 1021A/B and Economics 1022A/B may take a Minor module if they have a mark of at least 60% in each of Economics 2150A/B **or Economics 2260A/B** and Economics 2152A/B **or Economics 2220A/B**. ~~(Students should note the Mathematics requirement for some of the courses required in the module.)~~

Students should note the mathematics prerequisites for some of the courses required in the module:

~~Economics 2150A/B and Economics 2152A/B require MCV4U or Mathematics 0110A/B for registration.~~

Module

4.0 courses:

1.5 courses: Economics 2122A/B **or Economics 2222A/B**, Economics 2150A/B **or Economics 2260A/B**, Economics 2152A/B **or Economics 2220A/B**.
2.5 additional courses in Economics at the 2100 level **or above**.

*Students may replace Economics 2122A/B **or Economics 2222A/B** with Statistical Sciences 2035 to fulfill the statistics requirement for the module. However, Economics 2122A/B **or Economics 2222A/B** must be replaced with another 0.5 course in Economics at the 2100 level **or above**.

Program Revision – Effective September 1, 2023, the following change(s) be made:

SPECIALIZATION IN FINANCIAL ECONOMICS

Admission Requirements

Completion of first-year requirements, including Economics 1021A/B and Economics 1022A/B, with a minimum grade of 60% in each*; Mathematics 0110A/B, or MHF4U plus (MCB4U or MCV4U); 0.5 course from **Mathematics 1225A/B**, Mathematics 1230A/B, Calculus 1000A/B; AND 0.5 course from Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1301A/B, or Calculus 1501A/B.

* Students who fail to meet the 60% requirement in each of Economics 1021A/B and Economics 1022A/B (or the former Economics 1020) may be admitted to the Specialization after second year, if a minimum grade of 60% is obtained in each of Economics 2150A/B **or Economics 2260A/B** and Economics 2152A/B **or Economics 2220A/B**, and the mathematics requirements noted above are met.

Module

9.0 courses:

3.5 courses: Economics 2122A/B **or Economics 2222A/B***, Economics 2123A/B **or Economics 2223A/B**, Economics 2150A/B **or Economics 2260A/B**, Economics 2151A/B **or Economics 2261A/B**, Economics 2152A/B **or Economics 2220A/B**, Economics 2153A/B **or Economics 2221A/B**, Economics 2300A/B.

~~0.5~~ **1.0** courses ~~from~~: Economics 2154A/B, Economics 2164A/B.

~~2.0~~ **1.5** courses: Actuarial Science 2053, ~~Business Administration 2257~~ or MOS 2227A/B**.

0.5 course: Management and Organizational Studies 3310A/B.

1.0 course: Economics essay course designated E, F or G.

1.5 additional courses from: Economics numbered 2100 and above, or senior courses in **Analytics and Decision Sciences**, Applied Mathematics, Statistical Sciences, Calculus, or Algebra, not used as a basis of admission above.

* Statistical Sciences 2035 may be used to fulfill the requirement of Economics 2122A/B **or Economics 2222A/B**; in this case students need take only 1.0 additional course in Economics, Applied Mathematics, Statistical Sciences, Calculus, or Algebra.

**** Students may take Business Administration 2257 to replace MOS 2227A/B in which case the module is 9.5 courses.**

~~**If students take MOS 2227A/B, an additional 0.5 Economics course at 2100 level or above must be completed in this module.~~

Program Revision – Effective September 1, 2023, the following change(s) be made:

MAJOR IN FINANCE

Admission Requirements

Completion of first-year requirements, including the following 3.0 courses with an average of 70% and no grade less than 60%: Business Administration 1220E; Economics 1021A/B and Economics 1022A/B; 0.5 from ~~Mathematics 1225A/B~~, Mathematics 1230A/B, Calculus 1000A/B AND 0.5 from Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1301A/B or Calculus 1501A/B.

Module

6.0 courses:

~~1.0~~ **0.5** course normally taken in second year: ~~Business Administration 2257, or MOS 2227A/B*~~

1.5 courses normally taken in second year: Economics 2220A/B, Economics 2221A/B, Economics 2300A/B.

1.0 course: Management and Organizational Studies 3310A/B, Management and Organizational Studies 3312A/B.

2.5 courses: Actuarial Science 2053, Economics 2222A/B, Economics 2223A/B, Economics ~~3370A/B~~ **3372A/B**.

0.5 course from: Economics 3370A/B, Economics 3385A/B, Economics 3386A/B.

Students who have completed Economics 2151A/B and Economics 2153A/B with an average of 75% and no grade in these courses less than 70% and with a grade of at least 65% in Business Administration 2257 will be admitted to Year 3.

*** Students may take Business Administration 2257 to replace MOS 2227A/B in which case the module is 6.5 courses.**

~~*If students take MOS 2227A/B, Economics 3386A/B must be completed in this module.~~

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Program Revision – Effective September 1, 2023, the following change(s) be made:

MINOR IN FINANCE

Admission Requirements

Completion of first year, including Economics 1021A/B and Economics 1022A/B, with a mark of at least 60% in each*; Mathematics 0110A/B (or Grade 12U Advanced Functions and Introductory Calculus MCB4U, or equivalent); 0.5 from ~~Mathematics 1225A/B~~, Mathematics 1230A/B, Calculus 1000A/B; and 0.5 from Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1301A/B or Calculus 1501A/B.

* Students who fail to meet the 60% in Economics 1021A/B and Economics 1022A/B, or the former Economics 1020 may be admitted to the Minor in Finance if they have a mark of at least 60% in each of Economics 2150A/B or **Economics 2260A/B** and Economics 2152A/B **or Economics 2220A/B**.

Module

4.5 courses:

~~3.5~~ **3.0** courses: Actuarial Science 2053, ~~Business Administration 2257~~ or MOS 2227A/B**, Economics 2122A/B **or Economics 2222A/B*****, Economics 2123A/B **or Economics 2223A/B**, Economics 2152A/B **or Economics 2220A/B**.
0.5 course from: Economics 2154A/B or Economics 2164A/B.
0.5 course ~~from~~: Economics 2300A/B.
0.5 course: MOS 3310A/B.

~~**If students take MOS 2227A/B, an additional 0.5 Economics course at 2100 level or above must be completed in this module.~~

~~***~~ Students may use Statistical Sciences 2035 to fulfill the requirements of Economics 2122A/B **or Economics 2222A/B**, but this increases the modular requirement to 5.0 courses.