



The following proposals, received on DAP between the dates listed below, have been approved.

**DAP Submission Period:** April 16-30, 2021

**DAP Approval Date:** May 16, 2021

[For more information on the DAP process, see the Secretariat's website.](#)

Approval Route: DAP

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## Faculty of Health Sciences

### HEALTH SCIENCES

*Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.*

#### **Health Sciences 2300A/B FUNCTIONAL HUMAN GROSS ANATOMY**

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

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.

*Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.*

#### **Health Sciences 2330A/B FUNCTIONAL HUMAN GROSS ANATOMY FOR NURSING STUDENTS**

Antirequisite(s): Health Sciences 2300A/B, Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 2221, Anatomy and Cell Biology 3319, Kinesiology 2222A/B, the former Anatomy and Cell Biology 2221, the former Anatomy and Cell Biology 3319.

Prerequisite(s): Grade 12U Biology or equivalent. Corequisite(s): Restricted to students registered in the School of Nursing.

*Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.*

#### **Health Sciences 3300A/B ANATOMY OF THE HUMAN BODY: A DESCRIPTION OF SYSTEMIC STRUCTURE & FUNCTION**

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

Prerequisite(s): Health Sciences 2300A/B or Health Sciences 2330A/B, or Kinesiology 2222A/B.

### KINESIOLOGY

*Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.*

#### **Kinesiology 2222A/B FUNCTIONAL HUMAN GROSS ANATOMY**

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

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

*Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.*

#### **Kinesiology 3222A/B ANATOMY OF THE HUMAN BODY: A DESCRIPTION OF SYSTEMIC STRUCTURE AND FUNCTION**

Antirequisite(s): Anatomy and Cell Biology 2221, or 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): Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B

or Anatomy and Cell Biology 2200A/B.

**Effective September 1, 2021, the following change(s) be made: Course Prerequisite Revision.**

**Kinesiology 3336A/B AN INTRODUCTION TO THE PRACTICAL ASPECTS OF ATHLETIC INJURIES**

Prerequisite(s): Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or 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%.

**Effective September 1, 2021, the following change(s) be made: Course Prerequisite Revision.**

**Kinesiology 3343A/B BIOMECHANICAL ANALYSIS OF DISCRETE SPORT SKILLS**

Antirequisite(s): Kinesiology 3353A/B.

Prerequisite(s): Kinesiology 2241A/B; Anatomy and Cell Biology 2221 or Anatomy and Cell Biology 2200A/B or the former 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. Priority to BSc Honours Specialization Kinesiology students.

**Effective September 1, 2021, the following change(s) be made: Course Prerequisite Revision.**

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

Antirequisite(s): Kinesiology 3343A/B.

Prerequisite(s): Kinesiology 2241A/B; Anatomy and Cell Biology 2221 or 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.

**Effective September 1, 2021, the following change(s) be made: Course Prerequisite Revision.**

**Kinesiology 3480A/B MOVEMENT NEUROSCIENCE**

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

Prerequisite(s): Kinesiology 2230A/B, Kinesiology 2241A/B and Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or Anatomy and Cell Biology 2221 or Anatomy and Cell Biology 2200A/B or the former Anatomy and Cell Biology 2221 or the former Anatomy and Cell Biology 3319.

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## Faculty of Information and Media Studies

### DIGITAL COMMUNICATION

**Effective September 1, 2021, the following change(s) be made: Course Introduction.**

**Digital Communication 2311F/G – WRITING ACROSS DIGITAL MEDIA PLATFORMS**

**Short title:** WRITING, DIGI MEDIA PLATFORMS

This course considers the relationship between written language and new media technologies. Students will engage critically and creatively with various digital tools and environments as a way to evolve their own skill set for writing, interfacing and collaborating with others, and producing content across a range of platforms and contexts.

Antirequisite(s): Digital Communications 2305F/G if taken in 2020-21.

Extra Information: 3 lecture hours.

0.5 course.

### MEDIA, INFORMATION AND TECHNOCULTURE

*Effective September 1, 2021, the following change(s) be made: Course Introduction.*

**Media, Information and Technoculture 3205F/G – PUBLIC RELATIONS: A CRITICAL EXAMINATION**

**Short title:** PUB. RELATIONS: CRITICAL EXAM.

This course turns a critical and analytical eye to public relations, recognizing the role PR practitioners play in creating, shaping and disseminating information. It offers practical strategies to deal with public relations claims and releases but also explores the ways such information affects a society not widely schooled in the techniques and goals of PR practitioners.

Antirequisite(s): MIT 3857F/G if taken in 2017-2018, 2018-2019, 2019-2020 or 2020-2021.

Extra Information: 3 lecture hours.

0.5 course.

## Faculty of Science

### COMPUTER SCIENCE

*Effective September 1, 2021, the following change(s) be made: Course Withdrawal.*

**Computer Science 4414A/B INTRODUCTION TO DATA SCIENCE I**

### DATA SCIENCE

*Effective September 1, 2021, the following change(s) be made: Course Introduction by the Department of Statistical and Actuarial Sciences.*

**Data Science 1000A/B – DATA SCIENCE CONCEPTS**

Students will learn how to visualize and analyze continuous and categorical data from various domains, using modern data science tools. Concepts of distributions, sampling, estimation, confidence intervals, experimental design, inference, correlation will be introduced in a practical, data-driven way.

Antirequisite(s): Statistical Sciences 1023A/B, Statistical Sciences 1024A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 0109A/B, Mathematics 0110A/B, Mathematics 1229A/B, or equivalent.

Extra Information: 3 lecture hours/week, 2 laboratory hours/week, 1 tutorial hour/week.

0.5 course.

*Effective September 1, 2021, the following change(s) be made: Course Introduction by the Department of Computer Sciences.*

**Data Science 1200A/B – PROGRAMMING FOR DATA SCIENCE**

Programming for Data Science is intended for students with little or no background in programming. Design and analysis of algorithms and their implementation as modular, reliable, well-documented programs written in a modern programming language.

Antirequisite(s): Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 2120A/B, Engineering Science 1036A/B, Digital Humanities 2200A/B.

Extra Information: 3 lecture hours/week, 2 laboratory hours/week.

0.5 course.

*Effective September 1, 2021, the following change(s) be made: Course Introduction by the Faculty of Science.*

**Data Science 2000A/B – INTRODUCTION TO DATA SCIENCE**

Covers three basic concepts of data science together with the corresponding techniques: Sampling to estimate properties of a population (Bootstrap), random assignment and experiments to make causal inferences (randomization test), and model selection to enable good predictions (cross-validation). Emphasizes practical data handling and programming skills in Python.

Antirequisite(s): Integrated Science 2002B.

Prerequisite(s): 1.0 courses from Mathematics, Calculus, or Applied Mathematics (numbered 1000 and higher) with a minimum mark of 60%. Data Science 1000A/B (with a minimum grade of 60%) can be used to meet 0.5 of the 1.0 mathematics course requirements.

Extra Information: 2 lecture hours/week, 2 laboratory hours/week.  
0.5 course.

**Effective September 1, 2021, the following change(s) be made: Course Introduction by the Faculty of Science.**

#### **Data Science 2100A – MATHEMATICS FOR DATA SCIENCE**

Mathematical background for students wanting to take Data Science 3000A/B, but missing background in linear algebra and calculus. Vector and matrix algebra, norms, linear dependence, inverses, vector spaces, eigenvectors and eigenvalues, Gradients, Hessians, basics of optimization. All concepts are explained in the context of data science examples.

Antirequisite(s): Mathematics 1600A/B, Applied Math 1411A/B.

Prerequisite(s): 1.0 courses from Mathematics, Calculus, or Applied Mathematics (1000 and higher) with a minimal grade of 60%. Data Science 2000A/B or Integrated Science 2002B can be used to fulfil 0.5 of the requirements.

Extra Information: 3 lecture hours/week, 1 tutorial hour/week.  
0.5 course.

**Effective September 1, 2021, the following change(s) be made: Course Introduction by the Faculty of Science.**

#### **Data Science 3000A/B – INTRODUCTION TO MACHINE LEARNING**

Basic principles of machine learning (estimation, optimization, prediction, generalization, bias-variance trade-off, regularization) in the context of supervised (linear models, decision trees, deep neuronal networks) and unsupervised (clustering and dimensionality reduction) statistical learning techniques. The course emphasizes the ability to apply techniques to real data sets and critically evaluate their performance.

Antirequisite(s): the former Computer Science 4414A/B, the former Statistical Sciences 3850F/G, the former Software Engineering 4460A/B.

Prerequisite(s): (Data Science 1200A/B or Computer Science 1026A/B or Computer Science 1027A/B or Computer Science 2120A/B or Digital Humanities 2220A/B or Engineering Science 1036A/B or Data Science 2000A/B or Integrated Science 2002B or Statistical Sciences 2864A/B); (Data Science 2000A/B or Integrated Science 2002B or Statistical Sciences 2857A/B or 0.5 course from the Introductory Statistics Course List); (Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B or Data Science 2100A); (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B or the former Applied Mathematics 1412A/B or Data Science 2100A). Note that Data Science 2000A/B, Integrated Science 2002B and Data Science 2100A can be used to fulfill multiple prerequisites.

Extra Information: 2 lecture hours/week, 2 lab hour/week.  
0.5 course.

## **PHYSICS**

**Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.**

#### **Physics 1101A/B INTRODUCTION TO PHYSICS I**

Antirequisite(s): Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

Pre- or Corequisite(s): One of the following: Grade 12U Advanced Functions (MHF4U) or Mathematics 0110A/B.

**Effective September 1, 2021, the following change(s) be made: Course Prerequisite Revision.**

#### **Physics 1102A/B INTRODUCTION TO PHYSICS II**

Antirequisite(s): Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Prerequisite(s): One of Physics 1101A/B, Physics 1201A/B, Physics 1401A/B, Physics 1501A/B,

the former Physics 1028A/B, or Physics 1301A/B.

**Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.**

**Physics 1201A/B PHYSICS FOR THE SCIENCES I**

Antirequisite(s): Physics 1101A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

Pre- or Corequisite(s): Grade 12U Calculus and Vectors (MCV4U) or Mathematics 0110A/B.

Corequisite(s): Calculus 1000A/B or Calculus 1500A/B.

**Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.**

**Physics 1202A/B PHYSICS FOR THE SCIENCES II**

Antirequisite(s): Physics 1102A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Prerequisite(s): One of Physics 1201A/B, Physics 1401A/B or Physics 1501A/B, or a minimum mark of 80% in Physics 1101A/B, or the former Physics 1028A/B or Physics 1301A/B, Calculus 1000A/B or Calculus 1500A/B.

Pre- or Corequisite(s): Calculus 1000A/B or Calculus 1500A/B.

## STATISTICAL SCIENCES

**Effective September 1, 2021, the following change(s) be made: Course Withdrawal.**

**Statistical Sciences 1024A/B INTRODUCTION TO STATISTICS**

(Main, Huron, King's)

**Effective September 1, 2021, the following change(s) be made: Course Withdrawal.**

**Statistical Sciences 3850F/G STATISTICAL LEARNING**

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## Faculty of Science/Schulich School of Medicine & Dentistry; including BMSc and Neuroscience

### ANATOMY AND CELL BIOLOGY

**Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.**

**Anatomy and Cell Biology 2200A/B SYSTEMIC ANATOMY OF THE HUMAN BODY**

Antirequisite(s): Anatomy and Cell Biology 2221, Health Sciences 2300A/B, Health Sciences 2330A/B, Health Sciences 3300A/B, Kinesiology 2222A/B, Kinesiology 3222A/B, the former Anatomy and Cell Biology 2221, the former Anatomy and Cell Biology 3319.

**Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.**

**Anatomy and Cell Biology 3200A/B FUNCTIONAL HUMAN NEUROANATOMY**

Antirequisite(s): Anatomy and Cell Biology 2221, Health Sciences 3300A/B, Kinesiology 3222A/B, Rehabilitation Sciences 3062A/B, the former Anatomy and Cell Biology 2221, the former Anatomy and Cell Biology 3319.

Prerequisite(s): Registration in third or fourth year. A background in introductory biology is recommended.

## LEADERSHIP STUDIES

*Effective September 1, 2021, the following change(s) be made: Course Introduction.*

### **Leadership Studies 4330A/B: LEADING CHANGE IN SOCIETY: EQUITY, DIVERSITY, AND INCLUSION**

**Short title:** LEADING CHANGE IN SOCIETY: EDI

This course synthesizes key concepts and theories of systems change, social movements, feminist activism, anti-racism, and systems leadership to address intractable societal issues in equity, diversity, and inclusion. An experiential component of the course requires leading an actionable change process.

Prerequisite(s): Leadership Studies 3330F/G, Leadership Studies 3331F/G, and Leadership Studies 3333A/B; or permission of the department.

Extra Information: 3 hours.

Course Weight: 0.50

## SOCIOLOGY

*Effective September 1, 2021, the following change(s) be made: Course Antirequisite Revision.*

### **Sociology 2206A/B RESEARCH METHODS IN SOCIOLOGY**

Antirequisite(s) at Main, King's campus: Social Work 2206A/B, Health Sciences 2801A/B, Political Science 3324F/G, or Political Science 2325F/G. Antirequisite(s) at Brescia campus: Social Work 2206A/B, Health Sciences 2801A/B, or Political Science 3324F/G.

Prerequisite(s): At least 60% in 1.0 from Sociology courses at the 1000 level.

Approval Route: Minor Change

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## Faculty of Social Science

## POLITICAL SCIENCE

*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

### **Political Science 2530F/G FOUNDATIONS OF CANADIAN GOVERNMENT AND POLITICS**

Extra Information: 2 hours + 1 tutorial hour.

*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

### **Political Science 2531F/G FOUNDATIONS OF INTERNATIONAL RELATIONS**

Extra Information: 2 hours + 1 tutorial hour.

*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

### **Political Science 2537F/G FOUNDATIONS OF POLITICAL THEORY**

Extra Information: 2 hours + 1 tutorial hour.

*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

### **Political Science 2544F/G FOUNDATIONS OF AMERICAN GOVERNMENT AND POLITICS**

Extra Information: 2 hours + 1 tutorial hour.

*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

### **Political Science 2545F/G COMPARATIVE POLITICS**

Extra Information: 2 hours + 1 tutorial hour.



*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

**Political Science 2546F/G PUBLIC ADMINISTRATION**

Extra Information: 2 hours + 1 tutorial hour.

*Effective September 1, 2021, the following change(s) be made: Revision to Course Hours.*

**Political Science 2547F/G THE POLICY PROCESS IN THEORY AND PRACTICE**

Extra Information: 2 hours + 1 tutorial hour.