

The following proposals, received on DAP between November 16-30, 2016, have been approved. For more information on the DAP process, [see the Secretariat's website](#).

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## FACULTY OF ARTS AND HUMANITIES

### PHILOSOPHY

Effective **September 1, 2017**, the following courses be introduced.

#### **Philosophy 2320F/G: Philosophy for Integrated Science**

**Short title:** *Phil for Integrated Science*

An introduction to aspects of science not covered in traditional science courses. This includes history of science, scientific methodology, ethical dimensions of conducting and applying research, and conceptual issues in specific disciplines. The role of the media in disseminating science and how science shapes public policy will be discussed.

Antirequisite(s): Philosophy 1030A/B.

Prerequisite(s): Enrolment in Year 2 of the Integrated Science Program (WISc).

3 hours, 0.5 course

#### **Philosophy 3730F/G: Research Ethics**

An introduction to ethical issues in human experimentation, covering ethical frameworks for research ethics, informed consent, confidentiality, benefit-harm analysis, participant selection, and vulnerable participants and communities. Special topics, such as randomized controlled trials, gene therapy trials, cluster randomized trials, and health policy and systems research may also be covered.

Extra Information: 3 hours, 0.5 course

Philosophy 2715F/G is recommended, but not required.

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## FACULTY OF HEALTH SCIENCES

### HEALTH SCIENCES

Effective **September 1, 2017**, the following course be withdrawn.

**Health Sciences 3030A/B - Understanding Occupational Health and Safety in Today's Workplace**

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## DON WRIGHT FACULTY OF MUSIC

Effective **September 1, 2017**, the following courses be introduced.

#### **Music 3681A/B/Y - Special Topics**

Special topics in music theory or composition, to be arranged.

Prerequisite(s): Permission of the Department

Extra Information: 3 lecture hours, 0.5 course.

#### **Music 3773A/B/Y - Special Topics**

Special topics in music history, to be arranged.

Prerequisite(s): Permission of the Department

Extra Information: 3 lecture hours, 0.5 course.

**Music 3774A/B/Y - Special Topics**

Special topics in music history, to be arranged.

Prerequisite(s): Permission of the Department

Extra Information: 3 lecture hours, 0.5 course.

**Music 3960A/B/Y - The 21st-Century Musician**

An exploration of the classical music industry within the context of the current cultural and economic climate. Topics will include networking, creating a personal portfolio, researching grants and community partnerships, website design, time management, and finances.

Extra Information: 3 lecture hours, 0.5 course.

**Music 4966A/B/Y - Clarinet Literature & Pedagogy**

This course examines the standard clarinet repertoire in context of the instrument's historical development, surveys pedagogical resources, and explores teaching techniques and diagnostic skills for the clarinet with an emphasis on practical application.

Extra Information: 3 lecture hours, 0.5 course.

**FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY**

**MEDICAL BIOPHYSICS**

Effective **September 1, 2017**, the following courses be revised.

**Medical Biophysics 3970Z - General Biophysics Laboratory**

Pre-or Corequisite(s): Medical Biophysics 3330F/G, 3501F and 3505F; or Medical Biophysics 3501F and 3507G and registration in the Honors Specialization in Medical Biophysics and Biochemistry.

**Medical Biophysics 4970E – Research Project in Biophysics**

Major laboratory course in experimental biophysics for students registered in an Honors Specialization modules offered by the Department of Medical Biophysics (Medical Science or Physical Science Concentration). The three components are: a major experimental project (topic and advisor chosen in consultation with the student), scientific communication (student presentation and reports), and electronic information processing (data capture, computer analysis of biophysical signals).

Antirequisite(s): Medical Biophysics 4971E.

Prerequisite(s): Medical Biophysics 3970Z and registration in Year 4 of one of the following Honors Specialization modules: Medical Biophysics (Medical Science Concentration), Medical Biophysics (Physical Science Concentration), or Medical Biophysics (Biological Science Concentration); or registration in Year 4 of an Honors Specialization in Medical Biophysics and Biochemistry plus either Medical Biophysics 3970Z or Biochemistry 3380G.

**MICROBIOLOGY AND IMMUNOLOGY**

Effective **September 1, 2017**, the following courses be revised.

**Microbiology and Immunology 2500A/B - Biology of Infection and Immunity**

Antirequisite(s): ~~Microbiology and Immunology 4100A, 4200B and 4300A.~~

Prerequisite(s): Either Biology 1001A or 1201A and either Biology 1002B or 1202B.

**Microbiology and Immunology 4970E - Research Project and Seminar**

Antirequisite(s): Biochemistry 4483E, Anatomy and Cell Biology 4480E.  
 Prerequisite(s): Microbiology and Immunology 3610F and 3620G with a mark in each of at least 70%, or the former Microbiology and Immunology 3600G with a mark of at least 70%. Enrolment is limited, and is available only to students in Year 4 of the Honors Specializations in Microbiology and Immunology, **Microbiology and Immunology with Pathology** and Biochemistry of Infection and Immunity. Students in the Honors Specialization in Biochemistry of Infection and Immunity require only one of the following half courses with a mark of at least 70% as the prerequisite: Biochemistry 3380G, Microbiology and Immunology 3610F or 3620G (or the former Microbiology and Immunology 3600G).

Effective **September 1, 2017**, the admission requirements for the following module be revised.

### **SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY**

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#### **Admission Requirements**

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0.5 course: Biochemistry 2280A with a mark of at least 65%  
 1.0 course: Chemistry 2213A/B and 2223B with marks of at least 65% in each.  
 1.5 courses: Biology 2290F/G, 2382A/B, 2581B.  
 0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.  
 0.5 course: Microbiology and Immunology 2500A/B.

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## **FACULTY OF SOCIAL SCIENCE**

### **ANTHROPOLOGY**

Effective **September 1, 2017**, the following course be revised.

#### **Anthropology 4400E - Anthropological Thought**

Prerequisite(s): Anthropology ~~3333F/G, 3350F~~, 3351G (or the former Anthropology 3301E), and registration in Year 4 in any module.

## **BRESCIA UNIVERSITY COLLEGE**

### **ECONOMICS**

Effective **September 1, 2016**, the following courses be introduced.

#### **Economics 0011A/B – Introduction Microeconomics**

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

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

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

Extra Information: 3 hours, 0.5 course.

(Brescia)

#### **Economics 0012A/B – Introduction Macroeconomics**

This course introduces students to current Canadian and international economic issues with a focus on large scale economic performance and measuring economic performance, including

topics in economic instability and fiscal policy, banking and monetary policy, and international trade and economic growth.

Antirequisite(s): Ontario High School CIA4U or equivalent

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

Pre-or Corequisite(s):

Extra Information: 3 hours, 0.5 course.

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

## **HISTORY**

Effective **September 1, 2017**, the following courses be introduced.

### **History 2108F/G – The European Witchcraze: Crime and Deviance in the Early Modern World**

The European Witchcraze (1480-1700) was a fascinating and disturbing episode in European history. Widespread belief in witchcraft and judicial torture of the accused spread across Europe and Colonial America (Salem). The course adopts a variety of perspectives: social, religious, political, intellectual, legal, anthropological as well as gendered and environmental interpretations.

Antirequisite(s): History 2408F/G

Extra Information: 3 hours, 0.5 course

(Brescia)

### **History 2408F/G – The European Witchcraze: Crime and Deviance in the Early Modern World**

The European Witchcraze (1480-1700) was a fascinating and disturbing episode in European history. Widespread belief in witchcraft and judicial torture of the accused spread across Europe and Colonial America (Salem). The course adopts a variety of perspectives: social, religious, political, intellectual, legal, anthropological as well as gendered and environmental interpretations.

Antirequisite(s): History 2108A/B

Extra Information: 3 hours, 0.5 course

(Brescia)

## **MANAGEMENT AND ORGANIZATIONAL STUDIES**

Effective **September 1, 2017**, the following courses be introduced.

### **Management and Organizational Studies 4499Y: Professional Perspectives in Management**

**Short title:** *Prof Perspectives In Mgmt*

Introduction to leadership, ethics, and professionalism in organizations. Socialization toward professionalism will include the development of knowledge, skills, and values appropriate to the management profession.

Prerequisite(s): Enrolment in the Diploma in Management Studies at Brescia University College.

Extra Information: 3 Hours, 0.5 course

(Brescia)

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## **HURON UNIVERSITY COLLEGE**

### **ARABIC**

Effective **September 1, 2016**, the following course be introduced.

**Arabic 3260A/B – Readings from the Qur’an**

Readings from the Qur’an is a study in classical Arabic. Its main focus is the vocabulary frequently encountered in the Qur’an. The course objective is to equip the student with the skills necessary to understand the grammar, vocabulary, and syntactical and morphological structure of the Qur’an.

Antirequisite: Arabic 5260A/B

Prerequisites: Arabic 2250 or permission of instructor.

3 hours. 0.5 course

(Huron)

**DAP UPDATE: MINOR CHANGES****FACULTY OF SOCIALSCIENCE****ANTHROPOLOGY**

Effective **January 1, 2017**, the following antirequisites be revised as the Linguistics courses were withdrawn (December 1, 2016) shortly after Anthropology 2152A/B was introduced (November 16, 2016).

**Anthropology 2152A/B - Languages in Canada**

Antirequisite(s): Linguistics 2185A/B, 2285F/G, Anthropology 2252F/G, **the former Linguistics 2185A/B, 2285F/G.**

Prerequisite(s): Any first year Arts and Humanities or Social Science course.

**FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY**

Effective **September 1, 2017**, the following changes be made in preparation for publishing the 2017-2018 Academic Calendar.

The **WEIGHTED AVERAGE CHART** in the **MODULES OFFERED IN THE BMSc PROGRAM** section of the Academic Calendar:

**WEIGHTED AVERAGE CHART**

Honors Specialization Module	Modular courses responsible for 1/3 of the Weighted Average	Modular courses responsible for 2/3 of the Weighted Average
<a href="#">Biochemistry</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> ; <a href="#">Chemistry 2213A/B</a> or <a href="#">2273A</a> ; <a href="#">Chemistry 2223B</a> or <a href="#">2283G</a> ; 1.0 course from Biology <a href="#">2382A/B</a> , <a href="#">Biology 2290F/G</a> , <a href="#">Chemistry 2211A/B</a> , <a href="#">2214A/B</a> , <a href="#">2374A</a> , <a href="#">2384B</a> .	2.0 courses: <a href="#">Biochemistry 3380G</a> , <a href="#">3381A</a> , <a href="#">3382A</a> and <a href="#">3390B</a> .
<a href="#">Biochemistry and Cell Biology</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology</a>	3.5 courses: <a href="#">Biochemistry 3380G</a> , <a href="#">3381A</a>

	<a href="#">2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> ; <a href="#">Chemistry 2213A/B</a> or <a href="#">2273A</a> ; <a href="#">Chemistry 2223B</a> or <a href="#">2283G</a> .	and <a href="#">3382A</a> ; <a href="#">Biology 3316A/B</a> or <a href="#">Physiology 3140A</a> ; <a href="#">Biology 3326F/G</a> ; <a href="#">Anatomy and Cell Biology 3309</a> .
<a href="#">Biochemistry and Pathology of Human Disease</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> ; <a href="#">Chemistry 2213A/B</a> or <a href="#">2273A</a> ; <a href="#">Chemistry 2223B</a> or <a href="#">2283G</a> ; 1.0 course from <a href="#">Biology 2382A/B</a> , <a href="#">Biology 2290F/G</a> , <a href="#">Chemistry 2211A/B</a> , <a href="#">2214A/B</a> , <a href="#">2374A</a> , <a href="#">2384B</a> , <a href="#">Microbiology and Immunology 2500A/B</a> .	3.5 courses: <a href="#">Biochemistry 3381A</a> , <a href="#">3382A</a> , <a href="#">3385A</a> , <a href="#">3386B</a> , <a href="#">3380G</a> ; <a href="#">Pathology 3240A</a> , <a href="#">3245B</a>
<a href="#">Biochemistry of Infection and Immunity</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> ; <a href="#">Chemistry 2213A/B</a> or <a href="#">2273A</a> ; <a href="#">Chemistry 2223B</a> or <a href="#">2283G</a> .	3.0 courses: One of <a href="#">Biochemistry 3380G</a> , <a href="#">Microbiology and Immunology 3610F</a> or <a href="#">3620G</a> ; <a href="#">Biochemistry 3381A</a> and <a href="#">3382A</a> ; <a href="#">Microbiology and Immunology 2500A/B</a> , <a href="#">3100A</a> , <a href="#">3300B</a>
<a href="#">Epidemiology and Biostatistics</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> ; <a href="#">Epidemiology 2200A/B</a> or the former <a href="#">Epidemiology and Biostatistics 2200A/B</a> , <a href="#">3330B</a> .	2.0 courses: <a href="#">Biostatistics 3100A</a> and <a href="#">3110B</a> ; <a href="#">Epidemiology 3200A</a> and <a href="#">3210B</a> .
<a href="#">IMS (Interdisciplinary Medical Sciences)</a>	3.0 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> or <a href="#">2273A</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	3.0 courses: 3.0 courses from Groups 1, 2 and 3 (see <a href="#">HONORS SPECIALIZATION IN IMS</a> ) including a minimum of 2.0 courses from Group 1 and 0.5 from Group 3.
<a href="#">Medical Cell Biology</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> ; <a href="#">Chemistry 2213A/B</a> or <a href="#">2273A</a> ; <a href="#">Chemistry 2223B</a> or <a href="#">2283G</a> .	3.0 courses: <a href="#">Anatomy and Cell Biology 3309</a> ; <a href="#">Biochemistry 3381A</a> and <a href="#">3382A</a> ; <a href="#">Biology 3316A/B</a> or <a href="#">Physiology 3140A</a> ; <a href="#">Biochemistry 3380G</a> or <a href="#">Biology 3326F/G</a>
<a href="#">Medical Health Informatics</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; 1.0 course from <a href="#">Biology 2290F/G</a> , <a href="#">2382A/B</a> , <a href="#">2581B</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences</a>	3.0 courses: <a href="#">Computer Science 3120A/B</a> and <a href="#">3121A/B</a> ; <a href="#">Pathology 3240A</a> and <a href="#">3245B</a> ; <a href="#">Physiology 3120</a> .

	<a href="#">2244A/B</a> ; <a href="#">Computer Science 2120A/B</a> and <a href="#">2121A/B</a> .	
<a href="#">Microbiology and Immunology</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> and <a href="#">2223B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	3.0 courses: <a href="#">Biochemistry 3381A</a> ; <a href="#">Microbiology and Immunology 2500A/B</a> , <a href="#">3100A</a> , <a href="#">3300B</a> , <a href="#">3610F</a> and <a href="#">3620G</a> .
<a href="#">Microbiology and Immunology with Pathology</a>	3.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> and <a href="#">2223B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	4.0 courses: <a href="#">Biochemistry 3381A</a> ; <a href="#">Microbiology and Immunology 2500A/B</a> , <a href="#">3100A</a> , <a href="#">3300B</a> , <a href="#">3610F</a> , <a href="#">3620G</a> ; <a href="#">Pathology 3240A</a> and <a href="#">3245B</a> .
<a href="#">One Health</a>	3.0 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2382A/B</a> , <a href="#">2483A/B</a> ; <a href="#">Chemistry 2213A/B</a> , <a href="#">2210A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	3.5 courses: <a href="#">Environmental Science 3300F/G</a> ; <a href="#">Pathology 3240A</a> , <a href="#">3245B</a> ; 1.5 courses from: <a href="#">Anatomy and Cell Biology 3319</a> , <a href="#">Biology 3316A/B</a> or <a href="#">Physiology 3140A</a> , <a href="#">Epidemiology 2200A/B</a> , <a href="#">Microbiology and Immunology 2500A/B</a> , <a href="#">Pharmacology 3620</a> , <a href="#">Physiology 3120</a> ; 0.5 course from Geography <a href="#">3413A/B</a> , <a href="#">3431A/B</a> , <a href="#">3432A/B</a> , <a href="#">3445F/G</a> , <a href="#">Sociology 3308F/G</a> .
<a href="#">Pathology</a> - for students registering in Year 4 in 2016/17 and onward	2.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2382A/B</a> ; <a href="#">Biology 2290F/G</a> or <a href="#">2581B</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	4.0 courses: 1.0 course from <a href="#">Anatomy and Cell Biology 3309</a> or <a href="#">3319</a> ; <a href="#">Pathology 3240A</a> and <a href="#">3245B</a> ; <a href="#">Pharmacology 3620</a> ; <a href="#">Physiology 3120</a> .
<a href="#">Pathology and Toxicology</a> - for students registered in Year 4 in 2015/16	2.5 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2382A/B</a> ; <a href="#">Biology 2290F/G</a> or <a href="#">2581B</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	4.0 courses: 1.0 course from <a href="#">Anatomy and Cell Biology 3309</a> or <a href="#">3319</a> ; <a href="#">Pathology 3240A</a> and <a href="#">3245B</a> ; <a href="#">Pharmacology 3620</a> ; <a href="#">Physiology 3120</a> .
<a href="#">Pharmacology</a>	3.0 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	3.0 courses: <a href="#">Pharmacology 3580Z</a> and <a href="#">3620</a> ; <a href="#">Physiology 3120</a> and <a href="#">3140A</a> .

<a href="#">Physiology</a>	3.0 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	2.0 courses: <a href="#">Physiology 3120</a> , <a href="#">3130Z</a> and <a href="#">3140A</a> .
<a href="#">Physiology and Pharmacology</a>	3.0 courses: <a href="#">Biochemistry 2280A</a> ; <a href="#">Biology 2581B</a> , <a href="#">2382A/B</a> and <a href="#">2290F/G</a> ; <a href="#">Chemistry 2213A/B</a> ; <a href="#">Biology 2244A/B</a> or <a href="#">Statistical Sciences 2244A/B</a> .	3.5 courses: <a href="#">Pharmacology 3580Z</a> and <a href="#">3620</a> ; <a href="#">Physiology 3120</a> , <a href="#">3130Z</a> and <a href="#">3140A</a> .

*The Admission and Module Requirements for the following modules be changed to remove former courses that have not been offered for at least five years.*

**HONORS SPECIALIZATION IN BIOCHEMISTRY**  
**HONORS SPECIALIZATION IN BIOCHEMISTRY AND CELL BIOLOGY**  
**HONORS SPECIALIZATION IN BIOCHEMISTRY AND PATHOLOGY OF HUMAN DISEASE**  
**HONORS SPECIALIZATION IN COMPUTATIONAL BIOCHEMISTRY**  
**HONORS SPECIALIZATION IN MEDICAL CELL BIOLOGY**  
**HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Clinical Physics Concentration)**  
**HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Biological Science Concentration)**  
**MAJOR IN MEDICAL CELL BIOLOGY**  
**SPECIALIZATION IN BIOCHEMISTRY**

#### **Admission Requirements**

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**0.5 course** from: Calculus 1000A/B, 1500A/B, ~~the former 1100A/B~~

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#### **HONORS SPECIALIZATION IN CHEMICAL BIOLOGY**

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#### **Admission Requirements**

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**0.5 course** from: Calculus 1000A/B or 1500A/B ~~or the former Calculus 1100A/B~~

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#### **HONORS SPECIALIZATION IN BIOCHEMISTRY AND CHEMISTRY**

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#### **Admission Requirements**

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**1.0 course** from:



Calculus 1000A/B, 1500A/B ~~or the former 1100A/B~~; and one of Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B ~~or the former Linear Algebra 1600A/B~~, Mathematics 1225A/B or 1229A/B. (An average in the two courses of at least 60% is required.)

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## HONORS SPECIALIZATION IN GENETICS AND BIOCHEMISTRY

### Admission Requirements

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**1.0 course** from: Applied Mathematics 1201A/B, 1413, Calculus 1000A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B or 1600A/B, Statistical Sciences 1024A/B, ~~or the former Calculus 1100A/B, Linear Algebra 1600A/B.~~

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## MAJOR IN BIOCHEMISTRY

## MAJOR IN EPIDEMIOLOGY AND BIostatISTICS

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**Admission Requirements for students pursuing this Major module in a Bachelor of Medical Sciences (BMSc) degree:**

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**0.5 course** from: Calculus 1000A/B, 1500A/B, ~~the former Calculus 1100A/B~~

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**Admission Requirements for students pursuing this Major module in a degree other than a Bachelor of Medical Sciences (BMSc) degree:**

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**0.5 course** from: Calculus 1000A/B, 1500A/B, ~~the former Calculus 1100A/B.~~

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## MINOR IN BIOCHEMISTRY

### Admission Requirements

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**1.0 course** from: Applied Mathematics 1201A/B, Calculus 1000A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1413, ~~or the former Calculus 1100A/B, Linear Algebra 1600A/B.~~

## HONORS SPECIALIZATION IN EPIDEMIOLOGY AND BIostatISTICS

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### Admission Requirements

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0.5 course from: Calculus 1000A/B, 1500A/B, ~~the former Calculus 1100A/B~~

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### Module

11.0 courses:

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**0.5 course:** Epidemiology 2200A/B, or the former Epidemiology and Biostatistics 2200A/B, ~~3300B~~

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**2.5 courses:** Epidemiology 3210B, 3330F/G, 4310A, 4320A, 4500B.

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### **HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Medical Science Concentration)\***

#### **Admission Requirements**

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0.5 course from: Calculus 1000A/B, 1500A/B, the former 1100A/B

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#### **Module:**

9.5 courses:

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**1.0 course** from: Physics 2101A/B and 2102A/B, Physiology 2130 or 3120, ~~or the former Medical Biophysics 2128A/B and 2129A/B, Physics 2128A/B and 2129A/B.~~

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### **HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (Physical Science Concentration)**

#### **Admission Requirements**

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**1.0 course** from: Calculus 1000A/B or 1500A/B ~~or the former 1100A/B~~, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413.

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#### **Module**

10.0 courses:

**1.0 course** from: Physics 2101A/B and 2102A/B, ~~or the former Medical Biophysics 2128A/B and 2129A/B, Physics 2128A/B and 2129A/B.~~

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**1.0 course** from: Applied Mathematics 2402A, 2811B, 3615A/B, Chemistry 2213A/B, 2214A/B, 2223B, Engineering Science 1036A/B, Mathematics 1600A/B, Physics 2110A/B, 2600A/B, an additional one or two half courses in Medical Biophysics at the 3000- or 4000-level, the former Applied Mathematics 2813B, ~~Linear Algebra 1600A/B, Physics 2900E.~~

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### **MAJOR IN MEDICAL BIOPHYSICS**

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#### **Admission Requirements for students pursuing this Major module in a degree other than a Bachelor of Medical Sciences (BMSc) degree:**

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**0.5 course** from: Calculus 1000A/B, 1500A/B, ~~or the former 1100A/B.~~

...

#### **Module**

6.0 courses:

..  
**1.0 course** from: Physics 2101A/B and 2102A/B, Physiology 2130, ~~or the former Medical Biophysics 2128A/B and 2129A/B, Physics 2128A/B and 2129A/B.~~

...

## SPECIALIZATION IN MEDICAL BIOPHYSICS

...

### Module

9.0 courses:

...

**1.0 course** from: Physics 2101A/B and 2102A/B, or Physiology 2130, ~~or the former Medical Biophysics 2128A/B and 2129A/B, Physics 2128A/B and 2129A/B.~~

...

**1.5 courses** from: Applied Mathematics 2402A, 2811B, 3615A/B, Biology 2290F/G, 2382A/B, 2581B, Chemistry 2214A/B, 2223B, Mathematics 1600A/B, 3000- and 4000-level courses in Medical Biophysics (with the exception of Medical Biophysics 4970E and 4971E), Pathology 3240A, 3245B, Physics 2101A/B, 2102A/B, 2110A/B, Physiology 2130, or the former Applied Mathematics 2813B, ~~Differential Equations 2402A, Linear Algebra 1600A/B~~

...

## HONORS SPECIALIZATION IN MEDICAL HEALTH INFORMATICS

### Admission Requirements

...

0.5 course from: Calculus 1000A/B, 1500A/B, ~~the former 1100A/B.~~

...

### Module

11.0 courses:

...

**1.0 course** from: Anatomy and Cell Biology 3309, 3319, Biochemistry 3385A, 3386B, Epidemiology 2200A/B, Medical Biophysics 3503G, Microbiology and Immunology 2500A/B, Pharmacology 3620, or the former Epidemiology and Biostatistics 2200A/B, ~~3330B.~~

...

**1.0 course:** Medical Health Informatics 4100F ~~Medical Health Informatics 4110G or the former Pathology 4100F, 4110G.~~

...

## MINOR IN MEDICAL BIOPHYSICS

### Admission Requirements

...

**1.0 course** from: Calculus 1000A/B or 1500A/B ~~or the former 1100A/B,~~ and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413.

...

### Module

4.0 courses:

...

1.0 courses from: Biochemistry 2280A, Biology 2382A/B, 2581B, Calculus 2302A/B, 2303A/B, Chemistry 2214A/B, Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B,

Mathematics 1600A/B, additional courses in Medical Biophysics at the 3000-level, Physics 2101A/B, 2102A/B, ~~the former Linear Algebra 1600A/B, Medical Biophysics 2128A/B, 2129A/B, Physics 2128A/B, 2129A/B.~~

## HURON UNIVERSITY COLLEGE

### ARABIC

Effective **September 1, 2017**, the following note will be removed from the Arabic Affiliated University College Course Information page in the Academic Calendar as the information is no longer relevant.

#### Arabic (AC)

~~Note: Students unsure of their language level should contact the Centre for International Studies about a placement test. In addition, all students, including first-year students, may obtain special permission to register in a higher course if they have sufficient background in the language.~~

...

Effective **September 1, 2017**, requisite information for the following courses will be revised to remove outdated three-digit course information.

#### Arabic 2250 - Intensive Intermediate Arabic

~~Antirequisite(s): The former Arabic 020 and International and Comparative Studies 028.  
Prerequisite(s): Arabic 1030 or Grade 12U Arabic or the former Arabic 002, International and Comparative Studies 008, or permission of the Department.  
(Huron)~~

#### Arabic 3300 - Advanced Arabic

~~Antirequisite(s): The former Arabic 200.  
Prerequisite(s): Arabic 2250 or the former International and Comparative Studies 028, Arabic 020, or permission of the Department.  
(Huron)~~