

The following proposals, received on DAP between October 16-31, 2018, have been approved. For more information on the DAP process, [see the Secretariat's website](#).

FACULTY OF ENGINEERING

BIOMEDICAL ENGINEERING

Effective **September 1, 2018**, the following courses be introduced.

Biomedical Engineering 3201A/B - Fundamentals of Biomedical Engineering Design

Short title: *Fundamentals of BME Design*

The objective of this course is to develop design skills and tools used in Biomedical Engineering. Integration of the engineering and life sciences will be illustrated by presenting design principles for medical devices and systems. Emphasis will be placed on engineering design for the cardiovascular and musculoskeletal systems.

Antirequisite(s): MME 4470A/B.

Prerequisite(s): Completion of the first-year curriculum in the Faculty of Engineering with a year-weighted average of at least 80%.

Extra Information: 3 lecture hours, 2 tutorial hours, 0.5 course.

Restricted to students registered in a Biomedical Engineering degree program.

Biomedical Engineering 3301A/B - Neural Systems Engineering

Engineering principles relevant to the study of neurophysiology, neural modeling, and the design of neural systems for diagnostic, interventional, and rehabilitation applications. Course topics will include EEG and EMG systems, functional MRI and other neural imaging technologies, brain-computer interfaces, and neural prosthetics.

Prerequisite(s): BME 3201A/B.

Corequisite(s): ECE 4455A/B, Physiology 2130.

Extra Information: 3 lecture hours, 1 laboratory hour, 0.5 course.

Biomedical Engineering 3303A/B - Cellular Systems Engineering

This course introduces key topics in interdisciplinary biomedical engineering involving the investigation or application of cell-based systems. Students will learn to integrate engineering design principles and mathematical models with knowledge of applied cellular and molecular biology to characterize, understand and optimize cellular responses within 3-D engineered microenvironments.

Prerequisite(s): BME 3201A/B, Biology 1202B, Biochemistry 2280A.

Extra Information: 3 lecture hours, 1 laboratory hour, 0.5 course.

Biomedical Engineering 4400 - Biomedical Engineering Research Project

Short title: *BME Research Project*

A major independent research project in biomedical engineering performed in collaboration with a faculty supervisor. Lectures and online modules on laboratory safety, human and animal research ethics, scientific integrity, experimental design, medical statistics, literature searching tools, and scientific communication. Two oral presentations and a written report are required.

Antirequisite(s): CBE 4415, CBE 4425, MME 4410.

Prerequisite(s): Registration in the final year of a Biomedical Engineering program.

Extra Information: 2 lecture hours, 10 laboratory hours.

Course Weight: 1.50.

CIVIL AND ENVIRONMENTAL ENGINEERING

Effective **September 1, 2018**, the following course be introduced.

Civil and Environmental Engineering 4485A/B – Cities: Resilience and Sustainability

Short title: Cities: Resilience & Sustain

A first course in Urban Physics focused on urban resilience and urban sustainability. The relation/opposition of these two notions are discussed.

Extra Information: 3 lecture hours, 0.5 course.

SOFTWARE ENGINEERING

Effective **September 1, 2019**, the following course be introduced.

Software Engineering 2202A/B – Scripting Programming Language Fundamentals

Short title: Scripting Programming Language

This course is intended to explore the concepts of scripting programming using JavaScript including variable, flow control, expressions, arrays, and objects, to allow students writing functions using objects, properties and methods needed to deliver simple interactive web-based programs. The course also includes coverage of basic HTML and CSS and discusses topics such as the best-practice JavaScript programming patterns.

Prerequisite(s): Engineering Science 1036A/B.

Extra Information: 3 lecture hours, 2 laboratory/tutorial hours, 0.5 course.

FACULTY OF HEALTH SCIENCES

KINESIOLOGY

Effective **September 1, 2018**, the following course be revised.

Kinesiology 4489A/B INTERNATIONAL SPORT MANAGEMENT

This ~~online~~ course provides an international perspective on sport management through ~~detailed case studies delivered by instructors at partner universities. The case studies present topics and issues that have global relevance. This international learning opportunity is provided through collaboration with students in other countries.~~ a variety of blended learning modes, including, but not limited to: classroom lectures, on-line learning experiences, case study analyses, field trips and reflection activities, collaboration with professors and students from other countries, & guest speakers with experience in International Sport Management.

Prerequisite(s): 1.0 course from: Kinesiology 2298A/B, Kinesiology 3398F/G, Kinesiology 3399A/B/F/G.

Extra Information: ~~Note: All aspects of the course are administered online. Therefore, there are no designated lecture, lab or tutorial hours.~~ 3 lecture hours.

Effective **September 1, 2019**, the following course be revised.

Kinesiology 2222A/B SYSTEMIC APPROACH TO BODY FUNCTION FUNCTIONAL HUMAN GROSS ANATOMY

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

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.

FACULTY OF INFORMATION AND MEDIA STUDIES

Effective **September 1, 2018**, the following course be introduced.

FIMS 3999A/B: Internship

The FIMS Internship is a for-credit internship for up to four months, or a minimum of 140 hours. The internship will require students to make connections with academic study while undertaking supervised duties in organizations and businesses with media-related or information-related interests, public service organizations, and community groups.

Prerequisite(s): Registration in the third or fourth year of either a Major or Honors Specialization module within the Faculty of Information & Media Studies, with a cumulative average of at least 70%, and no failures or documented academic offences. Approval of, and acceptance into, an internship placement. This course will count towards a Bachelor of Arts degree but will not count towards a module in FIMS. Students may count no more than 1.0 internship course toward a degree program in FIMS.

Extra Information: The internship is given a 0.5 course credit, with a pass/fail grade based on the faculty supervisor's determination of learning through the grading of assignments and fulfilment of the internship requirements.

0.5 course.

FACULTY OF SCIENCE AND SCHULICH SCHOOL OF MEDICINE & DENTISTRY

STATISTICAL AND ACTUARIAL SCIENCES

Effective **September 1, 2019**, the following course be introduced.

Statistical Sciences 3869A/B - Applied Linear Models

Applied linear modelling emphasizing data analysis using software including statistical inference review, visualization, multiple regression, logistic regression, and extensions. Core topics include assumptions, estimation, confidence/prediction intervals, hypothesis testing, diagnostics, indicator variables, cross validation, prediction, model building and model assessment. Other topics may include random effects or smoothing methods.

Antirequisite(s): Statistical Sciences 3859A/B, Statistical Sciences 3860A/B.

Prerequisite(s): A minimum mark of 60% in Statistical Sciences 2858A/B or a minimum mark of 70% in one of Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2143A/B, Statistical Sciences 2244A/B, Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2810. Enrollment in a module offered by either the Department of Statistical and Actuarial Sciences, Mathematics or Applied Mathematics.

Pre- or Corequisite(s): Statistical Sciences 2864A/B.

Extra Information: 3 lecture hours.

FACULTY OF SOCIAL SCIENCE

ECONOMICS

Effective **September 1, 2018**, the following module be revised.

SPECIALIZATION IN ECONOMICS

Module

9.0 Courses:

3.0 courses: Economics 2122A/B, Economics 2123A/B, Economics 2150A/B, Economics 2151A/B, Economics 2152A/B, Economics 2153A/B.*

1.5 courses in Economics at the 2100 level that require at least one of Economics 2122A/B, Economics 2123A/B, Economics 2150A/B, Economics 2151A/B, Economics 2152A/B, Economics 2153A/B as a prerequisite from the following: Economics 2138F/G, Economics 2139F/G,

Economics 2155A/B, Economics 2159A/B, Economics 2162A/B, Economics 2163A/B, Economics 2164A/B, Economics 2165F/G, Economics 2176A/B, Economics 2184A/B, Economics 2187F/G, Economics 2191A/B; or in Economics at the 3000 level (excluding Economics 3320A/B, Economics 3382A/B, Economics 3388A/B).**

4.5 additional courses in Economics at the 2100 level.

*Students who have taken a statistics course that is an antirequisite to Economics 2122A/B can count that course in place of Economics 2122A/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 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 3382A/B and Economics 3388A/B.

POLITICAL SCIENCE

Effective **September 1, 2018**, the following course be introduced.

Political Science 3001F/G – STUDIES IN TRANSITIONAL JUSTICE AND POST-CONFLICT RECONSTRUCTION

Short title: TRANSITIONAL JUSTICE

This course explores issues inherent to regions facing the aftermath of large-scale events of social violence, including war, genocide, and authoritarian rule, with an emphasis on questions of justice and post-conflict reconstruction. Students will examine specific cases of recent attempts to establish just responses to conflict within affected communities.

Antirequisite(s): Transitional Justice 3001F/G.

Prerequisite(s): Transitional Justice 2001F/G or Political Science 2203F/G.

Extra Information: 2 lecture hours, 1 tutorial hour. 0.5 course.

Effective **January 1, 2019**, the following course be revised.

Transitional Justice 3001F/G STUDIES IN TRANSITIONAL JUSTICE AND POST-CONFLICT RECONSTRUCTION

Antirequisite(s): **Political Science 3001F/G.**

Prerequisite(s): Transitional Justice 2001F/G or **Political Science 2203F/G** or permission of the Director of Studies of the Centre for Transitional Justice and Post-Conflict Reconstruction.

BRESCIA UNIVERSITY COLLEGE

SCHOOL OF BEHAVIOURAL AND SOCIAL SCIENCES

Effective **September 1, 2018**, the following modules be revised.

HONORS SPECIALIZATION IN COMMUNITY DEVELOPMENT IN A GLOBAL CONTEXT

Module

9.0 courses:

0.5 course: Writing 2101F/G.

1.5 courses: Sociology 2205A/B, Sociology 2206A/B; Sociology 3322A/B or Sociology 3307F/G.

2.5 courses: Sociology 2215A/B, Sociology 3330F/G, Sociology 3331F/G, Sociology 3333F/G, Sociology 3334A/B.

3.5 courses from: **Family Studies 2220A/B**, Family Studies 3320A/B, First Nations Studies 2531F/G, Political Science 2131 or Political Science 2231E, Sociology 2143E, Sociology 2173A/B, Sociology 2239, Sociology 3335A/B, Sociology 3341F/G, Sociology 4496E, Special Topics courses (with permission of Chair), ~~the former Family Studies 2225~~, the former Sociology 2237.

1.0 course* from: Sociology 3332A/B or Sociology 4498F/G (to be taken prior to overseas placement); Sociology 4499F/G (to be taken during/after overseas placement).

MAJOR IN COMMUNITY DEVELOPMENT

Module

6.0 courses:

3.0 courses: Sociology 2215A/B, Sociology 3330F/G, Sociology 3331F/G, Sociology 3333F/G, Sociology 3334A/B; Sociology 3307F/G or Sociology 3322A/B. Note that Sociology 2206A/B is strongly recommended if the Sociology 3307F/G option is taken.

3.0 courses from: **Family Studies 2220A/B**, First Nations Studies 2531F/G; History 2123 or History 2211E; Political Science 2130 or Political Science 2230E; Psychology 2041, Psychology 2060, Psychology 2712F/G, or MOS 2180; Religious Studies 2150, Religious Studies 2222F/G; Sociology 2143E, Sociology 2144A/B, Sociology 2173A/B, Sociology 2239, Sociology 2266A/B, Sociology 2267A/B, Sociology 3332A/B, Sociology 3335A/B, Sociology 3341F/G, Sociology 3360F/G, Sociology 3380F/G, ~~the former Family Studies 2225~~, the former Sociology 2178A/B, the former Sociology 2237 and "Special Topics" Courses in Sociology with permission of the Chair.

KING'S UNIVERSITY COLLEGE

DISABILITY STUDIES

Effective **September 1, 2019**, the following courses be introduced.

Disability Studies 2270F/G - Defiant Bodies: Gender & Sexuality

Short title: *Defiant Bodies*

This course engages students with interdisciplinary academic texts, social media, videos and art in order to thoughtfully challenge mainstream constructions of disability using a gendered lens. This course encourages students to examine the circular influence that gender and disability can have on each other.

Antirequisite(s): Disability Studies 2294A/B if taken in 2017-19.

Prerequisite(s): Disability Studies 1010A/B or the former Interdisciplinary Studies 1010A/B.

Extra Information: 3 hours.

Course weight: 0.50 course.

(King's)

Disability Studies 2275F/G - Community-Based Experience

An experiential learning course with diverse outside activities in collaboration with disabled participants. Student/participant teams co-create projects using Disability Studies principles and mutuality. Readings and lectures inform and compliment those interactions with a theoretical grounding in social inclusion/exclusion.

Antirequisite(s): Disability Studies 2296A/B if taken in 2017-19.

Prerequisite(s): Disability Studies 1010A/B or the former Interdisciplinary Studies 1010A/B.

Extra Information: 3 hours.

Course weight: 0.50 course.

(King's)

Effective **September 1, 2019**, the following courses be revised.

Disability Studies 2216A/B DISABILITY AND POPULAR CULTURE -MEDIA & MADNESS

Disability Studies 3390F/G SPECIAL TOPICS IN DISABILITY STUDIES

Disability Studies 3391F/G SPECIAL TOPICS IN DISABILITY STUDIES

Disability Studies 3392F/G SPECIAL TOPICS IN DISABILITY STUDIES

Disability Studies 3393F/G SPECIAL TOPICS IN DISABILITY STUDIES

Disability Studies 3394F/G SPECIAL TOPICS IN DISABILITY STUDIES

Disability Studies 3395F/G SPECIAL TOPICS IN DISABILITY STUDIES

Disability Studies 3396F/G SPECIAL TOPICS IN DISABILITY STUDIES

Prerequisite(s): Disability Studies 1010A/B, and Disability Studies 2201F/G, or permission of the Instructor.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective **September 1, 2019**, the following course be introduced at King's University College.

Management and Organizational Studies 3316A/B INVESTMENT MANAGEMENT

This course examines the major theories of investment finance and the pricing of bonds, stocks and options. Portfolio construction using both passive and active management strategies is also discussed.

Antirequisite(s): Economics 2121A/B, Economics 3346A/B.

Prerequisite(s): MOS 2310A/B or MOS 3310A/B and enrollment in BMOS.

Extra Information: 3 lecture hours.

(Huron, King's)

Effective **September 1, 2019**, the following modules be revised.

HONORS SPECIALIZATION IN FINANCE AND ADMINISTRATION

Module

12.0 senior courses:

1.0 course normally taken in second year: Business Administration 2257 or MOS 2227A/B and MOS 2228A/B.

1.0 course normally taken in second year from: Economics 2220A/B and Economics 2221A/B.

0.5 course from: MOS 2181A/B, MOS 2155A/B.

1.0 course from: Economics 2222A/B and Economics 2223A/B; or Statistical Sciences 2035 with a minimum mark of 70%.

0.5 course from: MOS 2255A/B, MOS 2285A/B.

2.0 courses: MOS 3310A/B, MOS 3320A/B, MOS 3330A/B, Economics 2300A/B, **MOS 3316A/B.**

0.5 course: Economics 2300A/B.

~~1.0~~ **0.5 course:** MOS 3367A/B, ~~MOS 4467A/B.~~

0.5 course normally taken in fourth year: MOS 4410A/B.

1.0 course: Actuarial Science 2053.

0.5 course: MOS 3312A/B.

0.5 course: MOS 4310A/B.

0.5 course: MOS 4422F/G.

0.5 course: Economics 3370A/B.

~~2.0~~ **1.5 courses** from: Economics 2260A/B, Economics 2261A/B, Economics 3320A/B, Economics 3352A/B, ~~Economics 3370A/B,~~ Economics 3381A/B, Economics 3386A/B; MOS

2275A/B, MOS 3331A/B, MOS 3332A/B, MOS 3360A/B, MOS 3361A/B, MOS 3362A/B, MOS 3363A/B, MOS 3370A/B, MOS 3401F/G, **MOS 4467A/B**, MOS 4471A/B (the former MOS 3371A/B), MOS Special Topics at 3000 level or above.

Students require 1.0 Category B (Arts and Humanities) if not already completed, and 2.0 designated essay courses including 1.0 numbered 2000-4999, prior to graduation.

DAP UPDATE: MINOR CHANGES

BRESCIA UNIVERSITY COLLEGE, HURON UNIVERSITY COLLEGE and KING'S UNIVERSITY COLLEGE

*Effective **September 1, 2018**, the following courses be revised to remove from the antirequisite and requisite lines course listings that have been withdrawn and not offered for a period of 5 years or more.*

History 1201E - Canada: A Survey

Antirequisite(s): History 2201E, ~~the History former 2207F/G.~~
(Brescia, Huron, King's)
1085

History 2125F/G NORTHERN ENTERPRISE: CANADIAN BUSINESS AND LABOR HISTORY

Antirequisite(s): ~~The former History 2213F/G.~~
(Brescia, Huron, King's)
1099

History 2127F/G IN SEARCH OF CANADA: POSTWAR TO PRESENT

History 2205E CANADA: FROM CONFEDERATION TO THE PRESENT

Antirequisite(s): History 2202, History 2205E, and ~~the former History 2207F/G and History 2217F/G.~~
(Brescia, Huron, King's)
1085, 1099

History 2704E ENLIGHTENMENT IN THE ATLANTIC WORLD, 1680-1800

Antirequisite(s): ~~History 4405E.~~
(Huron)
1089

History 2821F/G JEWISH HISTORY FROM THE ORIGINS OF THE ISRAELITES TO 1492 CE

History 2822F/G JEWISH HISTORY FROM THE SPANISH EXPULSION TO THE MODERN ERA

Antirequisite(s): The former History 2809E, **the former** History 2815E, ~~History 3811E.~~
(Huron)
1129

Political Science 2217F/G AMERICAN GOVERNMENT AND POLITICS

Antirequisite(s): Political Science 2244E ~~or the former Political Science 2144.~~
(King's)
0949

Political Science 2225E DEVELOPING COUNTRIES IN GLOBAL POLITICS

Antirequisite(s): ~~Political Science 2240E.~~
Prerequisite(s): Political Science 1020E.
(King's)
1009

Political Science 2284F/G INSIDE GOVERNMENTS: POLICY MAKING IN CANADA AND THE UNITED STATES

Antirequisite(s): Political Science 2246E, ~~the former Political Science 2285E.~~

Prerequisite(s): Political Science 1020E.

(Huron)

1129

Political Science 3305F/G CANADIAN FOREIGN POLICY

Antirequisite(s): Political Science 3209F/G ~~or the former Political Science 3333E.~~

Prerequisite(s): Enrolment in 3rd or 4th year in either Political Science or Social Justice and Peace Studies.

(King's)

1129

Political Science 3306F/G POLITICAL AUTHORITY AND RESISTANCE

Antirequisite(s): ~~Political Science 3389E.~~

Prerequisite(s): Enrolment in 3rd or 4th year Political Science or permission of the Department for students not registered in Political Science programs.

(Huron)

1029

Political Science 3361F/G AMERICAN BORDERS & BORDERLANDS

Antirequisite(s): ~~Sociology 3354F/G.~~

Prerequisite(s): Enrolment in third or fourth year in Political Science or Sociology, or permission of the department.

(King's)

1129

Sociology 3306A/B INVESTIGATING THE SOCIAL WORLD: QUANTITATIVE RESEARCH

Antirequisite(s) ~~at Brescia, King's campus: The former Sociology 3300A/B, Sociology 3302A/B.~~

Prerequisite(s): Enrolment in an Honors Specialization or Honors Double Major in Sociology or Criminology with a minimum grade of 60% in Sociology 2205A/B and Sociology 2206A/B, or Social Work 2206A/B and Social Work 2207A/B. If not in an Honors Specialization or Honors Double Major, a minimum grade of 70% in Sociology 2205A/B and Sociology 2206A/B, or Social Work 2206A/B and Social Work 2207A/B is required.

(Brescia, King's)

1089, 1089

Sociology 3321F/G IDENTITY AND SOCIETY

Antirequisite(s): ~~The former Sociology 2222A/B.~~

Prerequisite(s): Sociology 2233 or Sociology 2234E.

(King's)

1079

Sociology 3358F/G WOMEN AND CRIME

Antirequisite(s): ~~The former Sociology 2257A/B.~~

Prerequisite(s): Sociology 2266A/B, and enrolment in third or fourth year of one of the Honors Specializations or Majors in Sociology or Criminology.

(King's)

1109

Sociology 3361F/G CRIMES OF THE POWERFUL

Antirequisite(s): ~~The former Sociology 2261A/B.~~

Prerequisite(s): Sociology 2266A/B or permission of the instructor.

(King's)

1089

Sociology 3372F/G ADVERTISING AND SOCIAL INSTITUTIONS

Antirequisite(s): Sociology 2172A/B, ~~the former Sociology 2272F/G~~, MIT 2200F/G, MIT 3214F/G.
Prerequisite(s): 1.0 from Sociology courses at the 1000 level and third or fourth year standing in a module in Sociology, or permission of the Department.

(King's)
1099

Sociology 3373F/G MASS MEDIA AND SOCIETY

Antirequisite(s): ~~Sociology 2132A/B, the former Sociology 2273F/G~~, MIT 2200F/G, MIT 3214F/G.
Prerequisite(s): 1.0 from Sociology courses at the 1000 level and third or fourth year standing in a module in Sociology, or permission of the Department.

(King's)
1099, 1099