The following proposals, received on DAP between December 16-31, 2015, have been approved. For more information on the DAP process, see the Academic Handbook here.

FACULTY OF ENGINEERING

Effective September 1, 2016, the following programs be revised.

ENGINEERING LEADERSHIP AND INNOVATION CERTIFICATE

... 1.0 course: Business Administration 2257 or Business Administration 1299.

FIRST YEAR PROGRAM

Full-year courses: Applied Mathematics 1413, ES 1050, non-technical elective Business 1299E.

Non-Technical Elective

The non-technical elective must be chosen from first-year courses offered by the Faculties of Arts and Humanities or Social Science at the 1020 level or higher from the approved list and with the approval of the student’s counsellor.

INTEGRATED ENGINEERING PROGRAM

Second Year Program


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

INTEGRATED ENGINEERING AND LAW

Second Year Program


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

MECHATRONIC SYSTEMS ENGINEERING PROGRAM

Fourth Year Program

Business Administration 2299E, MSE 4401A/B, MSE 4499, ECE 4460A/B, ECE 4457A/B, ECE 4469A/B, ES 4498F/G, 1.0 non-technical elective*, three 0.5 technical electives**.

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

GENERAL CHEMICAL ENGINEERING OPTION
Fourth Year Program
CBE 4497, Business Administration 2299E, CBE 4415*, ES 4498F/G, two 0.5 technical electives†, 0.5 non-technical elective**.

BIOCHEMICAL AND ENVIRONMENTAL ENGINEERING OPTION
Fourth Year Program
Business Administration 2299E, CBE 4415*, CBE 4409A/B, CBE 4497, ES 4498F/G, 0.5 technical elective, 0.5 non-technical elective**.

GREEN PROCESS ENGINEERING PROGRAM
Fourth Year Program
Business Administration 2299E, GPE 4484A/B, GPE 4497, ES 4498F/G, 0.5 1.5 non-technical elective*, two 0.5 technical electives or GPE 4415, one of: CEE 4405A/B, CBE 4407A/B, CBE 4409A/B or the former CBE 3363A/B.

STRUCTURAL ENGINEERING OPTION
Fourth Year Program
CEE 4441, CEE 4426A/B, CEE 4478A/B, CEE 4491A/B, ES 4498F/G, Business Administration 2299E, three 0.5 technical electives, 1.0 non-technical elective*.
*Selection of the non-technical elective must be approved by the Departmental Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

ENVIRONMENTAL ENGINEERING OPTION
Fourth Year Program
CEE 4426A/B, CEE 4441, CEE 4465A/B, CEE 4476A/B, CEE 4478A/B, ES 4498F/G, Business Administration 2299E, three 0.5 technical electives, 1.0 non-technical elective*.
*Selection of the non-technical elective must be approved by the Departmental Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

ENVIRONMENTAL ENGINEERING WITH INTERNATIONAL DEVELOPMENT
Fourth Year Program
Business Administration 2299E, CEE 4441, CEE 3386A/B, CEE 4404A/B, CEE 4426A/B, CEE 4465A/B, CEE 4478A/B, ES 4498F/G, two 0.5 technical electives, 1.0 non-technical elective*.
*Selection of the non-technical elective must be approved by the Departmental Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

STRUCTURAL ENGINEERING WITH INTERNATIONAL DEVELOPMENT OPTION
Fourth Year Program
Business Administration 2299E, CEE 4441, CEE 4404A/B, CEE 4426A/B, CEE 4478A/B, CEE 4491A/B, ES 4498F/G, two 0.5 technical electives, 1.0 non-technical elective.
*Selection of the non-technical elective must be approved by the Departmental Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website

**ELECTRICAL ENGINEERING PROGRAM**

*Fourth Year Program*

ECE 4416, ECE 4429A/B, ECE 4437A/B, ES 4498F/G, Business Administration 2299E, Five 0.5 technical electives, **1.0 non-technical elective.**

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

**ELECTRICAL ENGINEERING – WIRELESS COMMUNICATION OPTION**

*Fourth Year Program*

Business Administration 2299E, ECE 4416, ECE 4429A/B, ECE 4432A/B, ECE 4433A/B, ECE 4436A/B, ECE 4437A/B, ES 4498F/G, **1.0 non-technical elective.**

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

**ELECTRICAL ENGINEERING – POWER SYSTEMS ENGINEERING OPTION**

*Fourth Year Program*

Business Administration 2299E, ECE 4416, ECE 4429A/B, ECE 4437A/B, ECE 4439A/B, ECE 4456A/B, ECE 4457A/B, ECE 4464A/B, ES 4498F/G, **1.0 non-technical elective.**

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

**ELECTRICAL ENGINEERING – BIOMEDICAL SIGNALS AND SYSTEMS OPTION**

*Fourth Year Program*

Business Administration 2299E, ECE 4416, ECE 4429A/B, ECE 4437A/B, ECE 4438A/B, ECE 4445A/B, ECE 4455A/B, ES 4498F/G, Physiology 2130, **1.0 non-technical elective.**

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

**ELECTRONIC DEVICES FOR UBIQUITOUS COMPUTING**

*Fourth Year Program*

Business Administration 2299E, ECE 4415, ECE 4436A/B, ECE 4437A/B, ECE 4460A/B, ES 4498F/G, SE 3313A/B, SE 3314A/B, two 0.5 technical electives from the list below, **1.0 non-technical elective.**

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

SOFTWARE SYSTEMS FOR UBIQUITOUS COMPUTING
Fourth Year Program
Business Administration 2299E, ECE 4415, ECE 4437A/B, ES 4498F/G, SE 4452A/B, SE 4453A/B, three 0.5 technical electives from the list below, one 0.5 1.5 non-technical electives.* from the approved list.

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

SOFTWARE ENGINEERING PROGRAM
Fourth Year Program
SE 4450, SE 4452A/B, SE 4453A/B, SE 4472A/B, ES 4498F/G, Business Administration 2299E, four 0.5 technical electives from the list below, 1.0 non-technical elective*. Selection of the non-technical elective must be approved by the Department.

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

SOFTWARE ENGINEERING – EMBEDDED SYSTEMS OPTION
Fourth Year Program
ECE 4460A/B, ECE 4470A/B, ECE 4489A/B, ES 4498F/G, SE 4450, SE 4452A/B, SE 4453A/B, SE 4472A/B, Business Administration 2299E, One 0.5 technical elective, 1.0 non-technical elective*.

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

SOFTWARE ENGINEERING – HEALTH INFORMATICS OPTION
Fourth Year Program
Medical Health Informatics 4100F, 4110G, Physics 2600A/B, SE 4450, SE 4452A/B, SE 4453A/B, SE 4472A/B, ES 4498F/G, Business Administration 2299E, One 0.5 technical elective, 1.0 non-technical elective*.

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

MECHANICAL ENGINEERING PROGRAM
Fourth Year Program
Business Administration 2299E, ES 4498F/G, MME 4499. 0.5 1.5 non-technical elective*
FACULTY OF SOCIAL SCIENCE

ANTHROPOLOGY

Effective September 1, 2016, the following course be revised.

Anthropology 1027A/B – Introduction to Linguistics
Course Description: No change.
Antirequisite(s): Linguistics 2288A/B.
3 2 lecture hours, 1 tutorial hour, 0.5 course.

Effective September 1, 2016, the following module be revised.

MINOR IN REFUGEE AND MIGRANT STUDIES
Admission Requirements
Completion of first-year requirements, including any of Anthropology 1020E, 1025F/G, Geography 1100, 1400F/G, 1500F/G, Centre for Global Studies 1000E, Political Science 1020E, or Sociology 1020, 1021E, 1025A/B, 1026F/G, 1027A/B.
...

ECONOMICS

Effective March 1, 2016, the following course be revised.

Economics 3362A/B – Empirical Industrial Organization
Course Description: No change.
Antirequisite(s): Economics 4496F/G (if taken in 2010-2011 Academic Year), the former Economics 3362F/G.
Prerequisite(s): Economics 2221A/B, Economics 2223A/B and Economics 2261A/B, 2260A/B.
3 lecture hours, 0.5 course.

Effective September 1, 2016, the following courses be revised.

Prerequisite(s): Economics 1021A/B and 1022A/B, or Economics 1020 or 2001A/B.

Economics 2122A/B, 2150A/B, 2152A/B:
Prerequisite(s): Economics 1021A/B and 1022A/B, or Economics 1020 or 2001A/B, and one of MCV4U, Mathematics 0110A/B, Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B or the former Calculus 1100A/B.

Economics 2141A/B, 2210A/B:
Prerequisite(s): Economics 1021A/B and 1022A/B, or Economics 1020 or 2001A/B, and the former Mathematics 030, or 0.5 course from: Mathematics 1225A/B, Calculus 1000A/B, Calculus
Economics 2220A/B, 2222A/B, 2260A/B:

Prerequisite(s): Economics 1021A/B and 1022A/B, or Economics 1020 or 2001A/B; and Calculus 1000A/B (with a mark no less than 60%) or Calculus 1500A/B (with a mark no less than 60%) or the former Calculus 1100A/B (with a mark no less than 60%).

Effective September 1, 2016, the following modules be revised.

SPECIALIZATION IN ECONOMICS

*Students who have taken an introductory statistics course that is an antirequisite to Economics 2122A/B can substitute that course for 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).

ECONOMICS/HBA COMBINED DEGREE PROGRAM

Year 2

For students in the Economics, Politics and Philosophy HSP:

2.5 courses: Economics 2220A/B, 2221A/B, 2222A/B, 2223A/B, 2260A/B, 2261A/B.

1.0 course from: Political Science 2237E, or Philosophy 2500F/G 2800F/G and 2801F/G.

Years 4 and 5 (Economics)

1.0 1.5 senior research thesis course: Economics 4400E, and Economics 3388A/B (taken together in the fifth year).

MAJOR IN ECONOMICS

**Students who are not counting Economics 3310A/B towards their module may substitute up to 1.0 0.5 course from the following list toward this requirement: Calculus 2502A/B, 2503A/B; any Mathematics course numbered 2100 or higher; Applied Mathematics 2402A or the former Differential Equations 2402A, Applied Mathematics 2811B, 2813B, 3811A/B, 3813A/B, 3815A/B, 3911F/G, 4353B, 4613A/B, 4617A/B, 4815A/B, 4817A/B, Financial Modelling 3817A/B.

MAJOR IN FINANCIAL ECONOMICS

**Students who are not counting Economics 3310A/B towards their module may substitute up to 1.0 0.5 course from the following list toward this requirement: Calculus 2502A/B, 2503A/B; any Mathematics course numbered 2100 or higher; Applied Mathematics 2402A or the former Differential Equations 2402A, Applied Mathematics 2811B, 2813B, 3811A/B, 3813A/B, 3815A/B, 3911F/G, 4353B, 4613A/B, 4617A/B, 4815A/B, 4817A/B, Financial Modelling 3817A/B.

GEOGRAPHY
Effective September 1, 2016, the following module be revised.

HONORS SPECIALIZATION IN URBAN DEVELOPMENT – BA
Admission Requirements
...
Senior students may also use substitute Geography 2131A/B and/or Geography 2153A/B in making up the 1.0 Geography course admission requirement, as long as they were as entry requirements, if these were taken after September 2012 and completed with a grade of at least 60%. If either Geography 2131A/B or 2153A/B is used as the basis for admission, these courses cannot be used as part of the module. Senior qualifying entry course(s) cannot be counted for subsequent program credit.
...
Module
...
1.5 courses: MOS 2275A/B, 3370A/B, 4471A/B, 3371A/B.
...

Effective September 1, 2016, the following modules be revised.

HONORS SPECIALIZATION IN GEOGRAPHY – BA
HONORS SPECIALIZATION IN GEOGRAPHY – BSC
HONORS SPECIALIZATION IN GEOGRAPHIC INFORMATION SCIENCE – BA
HONORS SPECIALIZATION IN GEOGRAPHIC INFORMATION SCIENCE – BSc
SPECIALIZATION IN GEOGRAPHY
MAJOR IN GEOGRAPHY
MAJOR IN GEOGRAPHIC INFORMATION SCIENCE
MAJOR IN PHYSICAL GEOGRAPHY
MAJOR IN ENVIRONMENT AND HEALTH

Admission Requirements
...
Senior students may also use substitute Geography 2131A/B and/or Geography 2153A/B in making up the 1.0 Geography course admission requirement, as long as they were as entry requirements, if these were taken after September 2012 and completed with a grade of at least 60%. If either Geography 2131A/B or 2153A/B is used as the basis for admission, these courses cannot be used as part of the module. Senior qualifying entry course(s) cannot be counted for subsequent program credit.

HONORS SPECIALIZATION IN GEOGRAPHY/HBA COMBINED DEGREE PROGRAM
HONORS SPECIALIZATION IN URBAN DEVELOPMENT/HBA COMBINED DEGREE PROGRAM
...
Year 1
5.0 courses including:
1.0 course from: Geography 1100, 1300A/B, 1400F/G, 1500F/G, the former 020E. (Senior students may also use substitute Geography 2131A/B and/or Geography 2153A/B in making up the 1.0 Geography course admission requirement, as long as they were for the first-year Geography courses, if these were taken after September 2012 and completed with a mark of at least 60%. Senior qualifying entry course(s) cannot be counted for subsequent program credit.)
HONORS SPECIALIZATION IN GEOGRAPHY AND COMMERCIAL AVIATION MANAGEMENT – BA
Admission Requirements

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Note: * Senior students may also use substitute Geography 2131A/B and/or Geography 2153A/B in making up the 1.0 Geography course admission requirement, as long as they were as entry requirements, if these were taken after September 2012 and completed with a grade of at least 60%. If either Geography 2131A/B or 2153A/B is used as the basis for admission, these courses cannot be used as part of the module. Senior qualifying entry course(s) cannot be counted for subsequent program credit.

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Year 1

…

Note: * Senior students may also use substitute Geography 2131A/B and/or Geography 2153A/B in making up the 1.0 Geography course admission requirement, as long as they were as entry requirements, if these were taken after September 2012 and completed with a grade of at least 60%. If either Geography 2131A/B or 2153A/B is used as the basis for admission, these courses cannot be used as part of the module. Senior qualifying entry course(s) cannot be counted for subsequent program credit.

SPECIALIZATION IN GEOGRAPHY AND COMMERCIAL AVIATION MANAGEMENT – BA

…

Year 1

…

Note: * Senior students may also use substitute Geography 2131A/B and/or Geography 2153A/B in making up the 1.0 Geography course admission requirement, as long as they were as entry requirements, if these were taken after September 2012 and completed with a grade of at least 60%. If either Geography 2131A/B or 2153A/B is used as the basis for admission, these courses cannot be used as part of the module. Senior qualifying entry course(s) cannot be counted for subsequent program credit.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective September 1, 2016, the following course be revised.

Management and Organizational Studies 3352F/G – Industrial Relations and Labor Studies
The study of industrial relations from an organizational behavior perspective that provides a broad overview and social understanding of the relations between labor, management and the state in Canada. This course examines the economic, social, legal and political relationships among labour, management and the state with emphasis on organized labour and unionized workplaces in Canada.
Antirequisite(s): Sociology 4496F/G.
Prerequisite(s): One of MOS 2181A/B or MOS 2180, MOS 3280F/G or MOS 2280F/G and Enrolment in 3rd or 4th year of BMOS.
3 lecture hours, 0.5 course.

Effective September 1, 2016, the following modules be revised.

HONORS SPECIALIZATION IN ACCOUNTING

…
Module


HONORS SPECIALIZATION IN CONSUMER BEHAVIOR

Module


HONORS SPECIALIZATION IN HUMAN RESOURCE MANAGEMENT

Module

1.0 courses normally taken in third year: MOS 3370A/B and 3383A/B, 3371A/B, or the former MOS 3372.


1.0 course normally taken in fourth year: MOS 3352F/G, 3363A/B, 4471A/B, the former 3371A/B.

HONORS SPECIALIZATION IN PUBLIC ADMINISTRATION

Module

1.0 course: MOS 3370A/B, 4471A/B, the former 3371A/B.

HONORS SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

Module

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…

MAJOR IN ACCOUNTING (must be part of Honors Double Major)

…

Module

…


…

MAJOR IN CONSUMER BEHAVIOR (must be part of Honors Double Major)

…

Module

…


…

MAJOR IN FINANCE FOR MOS (must be part of Honors Double Major)

…

Module

…

MAJOR IN HUMAN RESOURCE MANAGEMENT (must be part of Honors Double Major)

Module


SPECIALIZATION IN ACCOUNTING

Module


SPECIALIZATION IN CONSUMER BEHAVIOR

Module


SPECIALIZATION IN FINANCE FOR MOS

Module

0.5 course normally taken in fourth year from: MOS 4312A/B, 4313A/B, Economics 2155A/B, 2156A/B, 2162A/B, 2163A/B.


SPECIALIZATION IN HUMAN RESOURCE MANAGEMENT

Module

0.5 1.0 course normally taken in third year: MOS 3370A/B and 3371A/B, or the former MOS 3372.


1.5 1.0 course normally taken in fourth year: MOS 3352F/G, 3383A/B, 4471A/B.

SPECIALIZATION IN PUBLIC ADMINISTRATION

Module


SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

Module

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

**Political Science 3203F/G – Critical Approaches to Global Security**

**Political Science 3313E – Ancient and Modern Political Responses to the Problems of Wealth and Poverty**

**SOCIOMETRY**

**Effective September 1, 2016**, Sociology 2285A/B: Social Inequality over the Life Course be withdrawn.

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

**Sociology 3324F/G – Social Inequality Over the Life Course**
This course examines social factors that affect social inequality in later life from a life course perspective. It introduces key concepts and examples from life course analysis concerning the interdependence of age, gender, class, and racial/ethnic relations as they relate to inequality in health, wealth and income over the life span.
Antirequisite(s): Sociology 2285A/B.
Prerequisite(s): 1.0 from: Sociology 1020, 1021E, 1025A/B, 1026F/G, 1027A/B.
3 hours, 0.5 course.

**Sociology 3367F/G – Population Issues: Race, Ethnicity and Inequality Around the World**
This course examines the ways in which social structures contribute to the creation of inequality among ethnic and racial groups around the world. The influence of class, gender, immigration status, neighbourhood context and social policy are focused on in this examination of the sources of race/ethnic inequality cross-culturally.
Prerequisite(s): Enrolment in year 3 or 4 of one of the Honors Specialization of Honors Double Major in the department of Sociology.
3 hours, 0.5 course.

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

**Sociology 3381F/G – Migration and Family**
Course Description: No change.
Antirequisite(s): Family Studies 2225.
Prerequisite(s): Enrolment in third or fourth year of one of the Honors Specializations or Honors Double Major in Sociology and Sociology 2205A/B.

Effective **September 1, 2016**, the following modules be revised.

**HONORS SPECIALIZATION IN CRIMINOLOGY**

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**Module**
9.0 courses:
2.5 courses: Sociology 2205A/B and 2206A/B (or the former Sociology 231), Sociology 3306A/B, 3307F/G, 3404F/G

... 

1.0 course from: Law 2101, Philosophy 2080, 2211F/G, 2222F/G, Political Science 3332F/G, Psychology 2032A/B, the former Sociology 2132A/B, Sociology 2140, 2144A/B, 2152A/B, 2172A/B, 2173A/B, 2233 or 2234E, 2239, 3320F/G, 3347F/G.
MAJOR IN CRIMINOLOGY

Module

2.0 courses from: Sociology 2140, 2239, 2259, Law 2101, Philosophy 2080, 2821F/G, 2822F/G, Political Science 3332F/G, Psychology 2031A/B 2032A/B.

Note: Students enrolled in a Major Module in Criminology as part of an Honors Double Major will be required to complete 1.0 course in Sociology numbered 3000-3999 in place of 1.0 courses from the following list: Sociology 2140, 2239, 2259, Law 2101, Philosophy 2080, 2821F/G, 2822F/G, Political Science 3332F/G, Psychology 2031A/B 2032A/B.

DAP UPDATE: MINOR CHANGES

BRESCIA UNIVERSITY COLLEGE

Effective September 1, 2016, the following course be revised.

Psychology 3800F/G – Psychological Statistics Using Computers
Prerequisite(s): Both Psychology 2850A/B or and Psychology 2851A/B and both Psychology 2855F/G or and Psychology 2856F/G or Psychology 2820E or both Psychology 2800E and 2810.