

The following proposals, received on DAP between November 16-30, 2009, have now been approved.  
For more information on the DAP process see the Academic Handbook at <http://www.uwo.ca/univsec/handbook>

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## FACULTY OF ENGINEERING

*Effective **September 1, 2010**, to revise the Integrated Engineering and Law program as a result of changes to the course offerings from the Civil and Mechanical departments. Specifically, replacing CEE 2218a/b with MME 2285a/b in third year.*

### First Year Program

Common first year of Engineering.

### Second Year Program

Applied Mathematics 2415, CBE 2221A/B, CBE 2291A/B, CEE 2202A/B, CEE 2217A/B, ECE 2238A/B, ECE 2277A/B, MME 2204A/B, MME 2259A/B, ES 2211F/G, ES 2299A/B.

### Third Year Program

ES 3399, CBE 2220A/B, CBE 3322A/B, CEE 2220A/B, ECE 3374A/B, MME 2213A/B, MME 2285A/B, MME 3360A/B, MME 3379A/B, Statistical Sciences 2143A/B, 0.5 non-technical elective.

Selection of the non-technical elective must be approved by the Department 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.

### Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

### Fifth and Sixth Year Programs

ES 4499.

In years five and six students must complete the following requirements for the JD:

- The two compulsory upper-year Law courses
- At least three Law core-group courses (must include Law 5220)
- Additional Law courses equaling at least 25 credit hours (must include one of the optional courses listed below under "The Impact of Technology on Society")
- One Law course must have an essay requirement of at least two credit hours.

**Notes:** Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, and economics must be taken as follows:

- Ethical Issues: Law 5130 "Legal Ethics & Professionalism" – part of the first year Law curriculum.
- The Impact of Technology on Society: One of: Law 5615 "Biotechnology Law", Law 5605 "Advanced Issues in Technology Law", Law 5350 "Media Law", Law 5600 "Advanced Intellectual Property", Law 5620 "Information Law", the former Law 453 "Internet Law", Law 5625 "Intellectual Property", Law 5630 "International Protection of Intellectual Property", or Law 5610 "Advanced Patent Law".

In addition, there may be a Selected Topics course offered which may be approved on an individual basis.

- Economics: Law 5220 "Income Taxation".

*Effective **September 1, 2010**, to revise the Integrated Engineering and Management program as a result of changes to the course offerings from the Civil and Mechanical departments. Specifically, replacing CEE 2218a/b in fourth year with MME 2285a/b and adding CEE 4418a/b to the list of technical electives.*

### First Year Program

Regular first year curriculum in the Engineering program.

### Second Year Program

Applied Mathematics 2415, Business Administration 2257, CBE 2221A/B, CBE 2291A/B, CEE 2202A/B, ECE 2238A/B, ECE 2277A/B, MME 2204A/B, MME 2259A/B, ES 2299A/B.

### Third Year Program

Business Administration 3300, 3301, 3302Y, 3303, 3304, 3305Q/R/S/T, 3307, 3308A/B, 3316.

#### **Fourth Year Program**

ES 3399, CBE 2220A/B, CBE 3322A/B, CEE 2217A/B, ECE 3374A/B, MME 2213A/B, MME 2285A/B, MME 3379A/B, Statistical Sciences 2143A/B, Business Administration 4430.

#### **Fifth Year Program**

ES 4499, ES 4498F/G, two 0.5 technical electives (see list below).

Business Administration 4415Q/R/S/T, 4428A/B, 4466A/B, three 4000 level Business half course equivalents.

Chemical and Biochemical Engineering:

CBE 2290A/B, CBE 3310A/B, CBE 3324A/B, CBE 3363A/B, CBE 4421A/B, CBE 4425A/B.

Civil and Environmental Engineering:

CEE 3348A/B, CEE 3361A/B, CEE 3362A/B, CEE 4405A/B, CEE 4418A/B, CEE 4458A/B, CEE 4465A/B, CEE 4477A/B.

Electrical and Computer Engineering:

ECE 3349A/B, ECE 3375A/B, ECE 4434A/B, ECE 4436A/B, ECE 4468A/B, SE 3314A/B.

Mechanical and Materials Engineering:

MME 3381A/B, MME 4452A/B, MME 4473A/B, MME 4487A/B, MME 4492A/B.

*Effective **September 1, 2010**, to revise the Integrated Engineering and Medicine program as a result of changes to the course offerings from the Civil and Mechanical departments. Specifically, replacing CEE 2218a/b with MME 2285a/b in third year.*

#### **Concurrent Degree Program**

##### **First Year Program**

Common first year of Engineering.

##### **Second Year Program**

Business Administration 2299, Applied Mathematics 2415, CBE 2221A/B, CBE 2291A/B, CEE 2202A/B, ECE 2238A/B, ECE 2277A/B, MME 2204A/B, MME 2259A/B, ES 2211F/G, ES 2299A/B.

##### **Third Year Program**

ES 3399, CBE 2220A/B, CBE 3322A/B, CEE 2217A/B, CEE 2220A/B, ECE 3374A/B, MME 2213A/B, MME 2285A/B, MME 3379A/B, Statistical Sciences 2143A/B, ES 4498F/G.

##### **Fourth Year Program**

Regular Year 1 of the MD program.

##### **Fifth Year Program**

Regular Year 2 of the MD program.

##### **Sixth Year Program**

Regular Year 3 of the MD program.

##### **Seventh Year Program**

Regular Year 4 of the MD program less the Advanced Communication Skills course.

ES 4499 (will count as an "elective" credit in the fourth year of the MD program).

*Effective **September 1, 2010**, to revise the Integrated Engineering program as a result of changes to the course offerings from the Civil and Mechanical departments. Specifically, replacing CEE 2218a/b in third year with MME 2285a/b, removing ES 3300y from the fourth year program, increasing the number of technical electives in the fourth year from five to six and adding CEE 4418a/b to the list of technical electives.*

#### **Second Year Program**

Applied Mathematics 2415, CBE 2221A/B, CBE 2291A/B, CEE 2202A/B, CEE 2217A/B, ECE 2238A/B, ECE 2277A/B, MME 2204A/B, MME 2259A/B, ES 2211F/G, ES 2299A/B.

#### **Third Year Program**

ES 3399, CBE 2220A/B, CBE 3322A/B, CEE 2220A/B, ECE 3374A/B, MME 2213A/B, MME 2285A/B, MME 3360A/B, MME 3379A/B, Statistical Sciences 2143A/B, 0.5 non-technical elective.

Selection of the non-technical elective must be approved by the Department 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.

#### **Fourth Year Program**

ES 4499, Business Administration 2299, ES 4498F/G, six 0.5 technical electives\*\*.

\*\* No more than two technical electives may be selected from the same department in the Faculty of Engineering. The following are recommended technical electives from each department. Other courses may be taken if prerequisite requirements are satisfied. Students may elect to substitute up to two 0.5 courses from the Faculty of Science as technical electives. These technical electives must be approved by the Integrated Engineering Curriculum Committee.

Chemical and Biochemical Engineering:

CBE 2290A/B, CBE 3310A/B, CBE 3324A/B, CBE 3363A/B, CBE 4421A/B, CBE 4425A/B.

Civil and Environmental Engineering:

CEE 3348A/B, CEE 3361A/B, CEE 3362A/B, CEE 4405A/B, CEE 4418A/B, CEE 4458A/B, CEE 4465A/B, CEE 4477A/B.

Electrical and Computer Engineering:

ECE 3349A/B, ECE 3375A/B, ECE 4434A/B, ECE 4436A/B, ECE 4468A/B, SE 3314A/B.

Mechanical and Materials Engineering:

MME 3381A/B, MME 4452A/B, MME 4473A/B, MME 4487A/B, MME 4492A/B.

*Effective **September 1, 2010**, to add 0.5 laboratory hour to the contact hours of MME 3307a/b.*

#### **MME 3307a/b – Heat Transfer**

Development of general energy equation for three dimensions. Steady state conduction in one and two dimensions. Transient heat conduction. Forced and natural convection heat transfer. Radiation heat transfer. Surface properties and shape factor.

**Prerequisite(s):** MME 2204A/B, Applied Mathematics 2413 or Applied Mathematics 2415  
3 lecture hours, 2 tutorial hours, 0.5 laboratory hour, 0.5 course

*Effective September 1, 2010, to add 0.5 laboratory hour to the contact hours of MME 3334a/b.*

#### **MME 3334a/b – Thermodynamics II**

This course emphasizes the application of thermodynamic principles to engineering systems and problem solving. Topics covered include: sonic velocity and compressible flow through nozzles, reciprocating and rotary compressors, availability and irreversibility in systems and processes, cycles, psychrometry of air conditioning, thermodynamic relations and the generalized compressibility charts, chemical reactions and equilibrium.

**Prerequisite(s):** MME 2204A/B.

3 lecture hours, 2 tutorial hours, 0.5 laboratory hour, 0.5 course.

*Effective **September 1, 2010**, to add 0.5 lab hour to the contact hours of MME 3381a/b and remove ES 1022A/B/Y from the prerequisites.*

#### **MME 3381 a/b – Kinematics and Dynamics**

Displacement, velocity and acceleration analyses of linkage mechanisms; inertia force analysis of mechanisms; gears; balancing of reciprocating and rotating masses; introduction to vibration analyses of single and multi-degree of freedom systems.

**Prerequisite(s):** MME 2213A/B, Applied Mathematics 2413 or Applied Mathematics 2415.

3 lecture hour, 3 tutorial hours, 0.5 laboratory hour, 0.5 course

*Effective **September 1, 2010**, to introduce a new course, MME 2285a/b to the Year 2 Mechanical program as a required course.*

**MME 2285a/b – Engineering Experimentation**

Measurement of physical quantities; experiment planning and design; characteristics of measurement systems; calibration, linearity, accuracy, bias and sensitivity; data acquisition systems; sampling theorem; signal conditioning; sources of errors; uncertainty analysis; data analysis techniques; systems for the measurement of displacement; velocity; acceleration; force, strain, pressure, temperature, flow rate, etc.

**Corequisite(s):** Statistical Sciences 2143a/b or 2141a/b

3 lecture hours, 1 tutorial hour and 1.5 laboratory hours per week; 0.5 course.

Effective **September 1, 2010**, to add 0.5 lab hour to the contact hours in MME 2202a/b.

**MME 2202a/b – Mechanics of Materials**

Stress and strain, Mohr's stress circle, elastic and inelastic material idealizations, behavior of assemblages, shearing force and bending moment, stresses in beams, torsion of shafts.

**Prerequisite(s):** ES 1022A/B/Y, Applied Mathematics 1413.

3 lecture hours, 3 tutorial hours, 0.5 laboratory hour, 0.5 course.

Effective **September 1, 2010**, to add 0.5 lab hour to the contact hours in MME 2204a/b.

**MME 2204a/b – Thermodynamics I**

Properties of a pure substance, first law of thermodynamics, processes in open and closed systems, second

law of thermodynamics; ideal gases, compressors, turbines and energy conversion systems.

**Antirequisite(s):** CBE 2214A/B.

**Prerequisite(s):** Applied Mathematics 1413.

3 lecture hours, 2 tutorial hours, 0.5 laboratory hour, 0.5 course

Effective **September 1, 2010**, to add 0.5 laboratory hours to MME 2273a/b.

**MME 2273a/b – Fluid Mechanics I**

Fluid properties, fluid statics including buoyancy and stability, one dimensional flow including continuity, energy, and momentum. Dimensional analysis and modelling. Flow in pipes and flow measurement. Some aspects of open channel flow. The drag and lift of bodies.

**Antirequisite(s):** CBE 2221a/b or CEE 2224

**Corequisite(s):** Applied Mathematics 2413 or 2415.

3 lecture hours, 2 tutorial hours, 0.5 laboratory hour. 0.5 course.

Effective **September 1, 2010**, to add 0.5 lab hour to the contact hours of MME 3303a/b.

**MME 3303a/b – Fluid Mechanics II**

Control volume method of analysis, equations of conservation of mass and momentum, flow kinematics, boundary layer, potential flow, bluff body aerodynamics, lubrication flow.

**Prerequisite(s):** MME 2273A/B, Applied Mathematics 2413 or 2415.

3 lecture hours, 2 tutorial hours, 0.5 laboratory hour, 0.5 course.

Effective **September 1, 2010**, MME 3385y be withdrawn from the course offerings in the Faculty of Engineering.

The proposal will impact the second year and third year programs of all six options in Mechanical and Materials Engineering. Because these programs are not identical, they will be addressed in parallel DAPs.

Effective **September 1, 2010**, Mechanical Engineering be revised by adding MME 2285A/B in the second year and removing MME 3385y in the third year.

**Second Year Program**

Applied Mathematics 2413, ES 2211F/G, MME 2202A/B, MME 2204A/B, MME 2213A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, 0.5 non-technical elective\*.

\*Selection of the non-technical elective must be approved by the Department 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.

**Third Year Program**

Applied Mathematics 3413A/B, ECE 3373A/B, ECE 3374A/B MME 3303A/B, MME 3307A/B, MME 3334A/B, MME 3360A/B, MME 3379A/B, MME 3380A/B, MME 3381A/B

*Effective **September 1, 2010**, Mechanical Engineering Option B (Mechanical Engineering and Law) be revised by adding MME 2285A/B in the second year and removing MME 3385y in the third year.*

**Second Year Program**

Applied Mathematics 2413, ES 2211F/G, MME 2202A/B, MME 2204A/B, MME 2213A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, 0.5 non-technical elective\*.  
\*Selection of the non-technical elective must be approved by the Department 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.

**Third Year Program**

Applied Mathematics 3413A/B, ECE 3373A/B, ECE 3374A/B MME 3303A/B, MME 3307A/B, MME 3334A/B, MME 3360A/B, MME 3379A/B, MME 3380A/B, MME 3381A/B

*Effective **September 1, 2010**, Mechanical Engineering Option C (Mechanical Engineering and Medicine), be revised by adding MME 2285A/B in the second year and removing MME 3385y in the third year.*

**Second Year Program**

Applied Mathematics 2413, MME 2202A/B, MME 2204A/B, MME 2213A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, ES 2211F/G, Business Administration 2299.

**Third Year Program**

Applied Mathematics 3413A/B, ECE 3373A/B, ECE 3374A/B, ES 4498F/G, MME 3303A/B, MME 3307A/B, MME 3334A/B, MME 3360A/B, MME 3379A/B, MME 3380A/B, MME 3381A/B.

*Effective **September 1, 2010**, Mechanical Engineering Option D (Mechanical Engineering and Business), be revised by adding MME 2285A/B in the second year and removing MME 3385y in the third year.*

**Second Year Program**

Applied Mathematics 2413, MME 2202A/B, MME 2204A/B, MME 2213A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, Business Administration 2257.

**Third Year Program**

Business Administration 3300, 3301, 3302Y, 3303, 3304, 3305Q/R/S/T, 3307, 3308A/B, 3316.

**FACULTY OF HEALTH SCIENCES****KINESIOLOGY**

*Effective **September 1, 2010**, Kinesiology 3025Q/R/S/T will be introduced in the School of Kinesiology with the following course description.*

**Kinesiology 3025Q/R/S/T: Assessment of Physical Function in Older Adults**

This activity course will focus on measuring the physical capacities (such as strength, aerobic endurance, flexibility etc.) of older adults and the special needs that must be considered when assessing these individuals. The course helps the student develop fitness testing skills and provides them with sufficient knowledge to plan and implement effective physical assessments for older adults.

Prerequisite(s): Kinesiology 2207Q/R/S/T or Kinesiology 2040A/B or the former Kinesiology 2204Q/R/S/T; Registration in the School of Kinesiology

Antirequisite(s): Kin 3321T 2007-08, 2008-09, 2009-10.

5 lecture/lab hours, 0.25 course

**FACULTY OF SOCIAL SCIENCE****ANTHROPOLOGY**

*Effective **May 1, 2010** the calendar course description of Anthropology 3320 – Archaeological Summer Field School will be altered to better reflect the actual content of the course.*

**Anthropology 3320 – Archaeological Summer Field School**

An advanced, hands-on introduction to the practice of field archaeology. Students will participate in intensive, problem-oriented, research excavations and field laboratory work on an undisturbed archaeological site. Students should be prepared to cover necessary travel and living expenses. Limited enrolment. 4 weeks.

**Prerequisite(s):** Anthropology 1026F/G, Anthropology 2229F/G, and registration in year 3 or 4 of any Anthropology module, or permission of the Department Chair. 3 hours, 1.0 course.

Permission by application to the Department of Anthropology. Students intending to apply to participate in this course are strongly encouraged to prepare by taking a relevant second year area course in archaeology.

*Effective **May 1, 2010** a note will be added to the description of Anthropology 2234F/G – Andean Prehistory to alert students to the relevance of this course to a field course that will take place in Peru every few years. Nothing in the actual description will be changed.*

**Anthropology 2234F/G – Andean Prehistory**

This course will focus primarily on the prehistory of the Peruvian Andes and Coast, with some overlap into Ecuador, Bolivia, Chile and Amazonia. We will study the area's archaeological record in some detail, touching on a variety of themes that are of general archaeological interest, e.g. agricultural origins, trade, the rise of complex societies, the role of religious ideology, and the interpretation of archaeological evidence.

**Antirequisite(s):** First Nations Studies 2234F/G.

**Prerequisite(s):** Anthropology 1025F/G and 1026F/G, or Anthropology 2100, or the former Anthropology 020E, or First Nations Studies 1020E.

3 hours, 0.5 course. Students intending to apply for the Archaeological Summer Field Course in Peru are strongly encouraged to take this course first.

**FIRST NATIONS**

*Effective **May 1, 2010** a note will be added to the description of First Nations Studies 2234F/G – Andean Prehistory to alert students to the relevance of this course to a field course that will take place in Peru every few years. Nothing in the actual description will be changed.*

**First Nations Studies 2234F/G – Andean Prehistory**

This course will focus primarily on the prehistory of the Peruvian Andes and Coast, with some overlap into Ecuador, Bolivia, Chile and Amazonia. We will study the area's archaeological record in some detail, touching on a variety of themes that are of general archaeological interest, e.g. agricultural origins, trade, the rise of complex societies, the role of religious ideology, and the interpretation of archaeological evidence.

**Antirequisite(s):** Anthropology 2234F/G.

**Prerequisite(s):** Anthropology 1025F/G and 1026F/G, or Anthropology 2100, or the former Anthropology 020E, or First Nations Studies 1020E.

3 hours, 0.5 course. Students intending to apply for the Archaeological Summer Field Course in Peru are strongly encouraged to take this course first.

**GEOGRAPHY**

*Effective **January 1, 2010**, Geography 3900: Internship will be introduced in the Faculty of Social Science.*

**Geography 3900 - Internship**

Preparatory workshops and an 8-16 month placement with a government, private sector or non-governmental organization to acquire professional learning experience. Following the internship, students will produce a written report and do an oral presentation on work undertaken during the internship.



Prerequisite(s): Completion of second year of a Geography Honors program with a minimum average of 70%. Participation in preparatory workshops.

Non-credit, 3.0 course. Pass/Fail.

Notes:

- This credit cannot be included in the number of courses counted towards any degree or program.
- Successful completion of Geography 3900 will be recognized on a student's transcript.
- International students are not permitted to register in this course unless they are able to secure an internship placement in a jurisdiction where they may legally be employed.

Effective **September 1, 2010**, the following Geography courses will be withdrawn:

Geography 2070E World Regional Geography  
 Geography 2121A/B Geographic Visualization  
 Geography 3332A/B Periglacial Environments  
 Geography 3454A/B Environmental Dispute Resolution  
 Geography 3455F/G Geographical Approaches to Landscapes

## **MANAGEMENT AND ORGANIZATIONAL STUDIES**

Effective, **September 1, 2010**, MOS 1020A/B: *Introduction to Management and Organizational Studies* will be withdrawn from course offerings at Main.

Effective, **September 1, 2010**, MOS 1021A/B will be introduced to replace MOS 1020A/B at Main. (Calendar Copy is on page 296 of the UWO 2009 Academic Calendar.)

### **1021A/B: Introduction to Management and Organizational Studies I**

This course introduces students to the study of management and organizations based on best available evidence. Topics covered may include consumer, human resource management, business processes, intercultural relations, and multinational corporations in a globalized economy. These topics are fundamental to understanding managing people, consumer choice, and global commerce.

Prerequisite(s): Enrolment in BMOS.

3 lecture hours, 0.5 course

Effective, **September 1, 2010**, MOS 1023A/B will be introduced to replace MOS 1020A/B at Main. (Calendar Copy is on page 296 of the UWO 2009 Academic Calendar.)

### **1023A/B: Introduction to Management and Organizational Studies II**

This course provides students with a basic introduction to the fields of accounting and corporate finance. The accounting unit introduces students to basic accounting concepts from financial and managerial accounting. The corporate finance unit explains how financial markets work and how corporate managers use these markets to create and sustain corporate value.

Prerequisite(s): Enrolment in BMOS.

3 lecture hours, 0.5 course (Main)

Effective, September 1, 2010, admission to the Double Major (Honors) and module requirements for the Specializations be amended to include the proposed introductory courses, MOS 1021A/B and 1023A/B.

(Calendar Copy is on page 196 of the UWO 2009/2010 Academic Calendar. The following sections should be replaced.)

## **BACHELOR OF MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS DEGREE**

### **Admission Requirements**

Students may not apply to the BMOS Honors Double Major when they apply for admission to the university. Students may apply for admission upon completion of first-year requirements with no failures. Students must have an average of at least 70% on, and no grade less than 60 in the following 3.0 principal courses:

1.0 course: MOS 1021A/B and 1023A/B.

1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B or the former Mathematics 030, 031\*.

1.0 course: full-course or equivalent numbered 1000-1999.

Note: \*Students admitted without Calculus should be aware that to enroll in certain courses/modules they will be required to take Mathematics 0110A/B or Calculus 1100A/B. When considering a course/module in another discipline, please check the Mathematics requirements(s). Students are responsible for ensuring they have completed the Mathematics and other entry requirements and prerequisites of the modules/courses they wish to take.

Students may apply for admission to the Commercial Aviation Management Major upon completion of first-year requirements with no failures. Students must have an average of at least 70% on, and no grade less than 60 in any of the 3.0 principal courses:

1.0 course: MOS 1021A/B and 1023A/B.

0.5 course: MOS 1022F/G.

1.0 courses from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, or the former Mathematics 030, 031\*

0.5 course: numbered 1000-1999.

Note: \*Students admitted without Calculus should be aware that to enroll in certain courses/modules they will be required to take Mathematics 0110A/B or Calculus 1100A/B. When considering a course/module in another discipline, please check the Mathematics requirements(s). Students are responsible for ensuring they have completed the Mathematics and other entry requirements and prerequisites of the modules/courses they wish to take.

## **BACHELOR OF MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) FOUR-YEAR DEGREE**

### **SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT**

#### **Module**

17.0 courses:

5.0 first-year courses:

1.5 course: MOS 1021A/B, 1022F/G and 1023A/B.

1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, or the former Mathematics 030, 031\*

1.0 course: Economics 1021A/B and 1022A/B, or Economics 1020

1.0 course from: Geography 1100, 1300A/B, 1400F/G, 1500F/G or the former Geography 020E, Physics 1020, 1021, 1024, or the former 025. (Students must have completed OAC or Grade 12U Physics or Physics 1020, 1021 or the former 025 prior to their second year of study).

0.5 course: numbered 1000-1999.

### **SPECIALIZATION IN FINANCE AND ADMINISTRATION**

#### **Module**

16.0 courses:

5.0 first-year courses:

1.0 course: MOS 1021A/B and 1023A/B.

1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B or the former Mathematics 030, 031\*.

1.0 course: Economics 1021A/B and 1022A/B, or Economics 1020

1.0 course: numbered 1000-1999 from Anthropology, First Nations Studies, Geography, History, Political Science, Psychology, Sociology, Women's Studies.

1.0 course: full-course or equivalent numbered 1000-1999. (Computer Science 1032A/B is strongly recommended).



**SPECIALIZATION IN FINANCE, ADMINISTRATION AND COMPUTER SCIENCE****Module**

19.0 courses:

5.0 first-year courses:

1.0 course: MOS 1021A/B and 1023A/B.

1.0 course from: Applied Mathematics 1413; Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B.

1.0 course from: Computer Science 1025A/B or 1026A/B, 1027A/B.

1.0 course: Economics 1021A/B and 1022A/B, or Economics 1020.

1.0 course: full-course or equivalent numbered 1000-1999.

**SPECIALIZATION IN ORGANIZATIONAL AND HUMAN RESOURCES****Module**

15.0 courses:

5.0 first-year courses:

1.0 course: MOS 1021A/B and 1023A/B.

1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B or the former Mathematics 030, 031\*

1.0 course: Psychology 1000 or Sociology 1020 or 1021E.

1.0 course: numbered 1000-1999 from Anthropology, Economics, First Nationals Studies, Geography, History, Political Science, Psychology, Sociology, Women's Studies.

1.0 course: full-course or equivalent numbered 1000-1999.

**POLITICAL SCIENCE**

*Effective **September 1, 2010**, the Department of Political Science in the Faculty of Social Science will revise the prerequisites to Political Science 3332F/G:*

**Political Science 3332F/G**

Leave all other items the same.

Prerequisite: Political Science 2230E or Sociology 2260A/B.

*Effective **September 1, 2010**, the Department of Political Science in the Faculty of Social Science will offer revised Honors Specialization module:*

**HONORS SPECIALIZATION IN POLITICAL SCIENCE**

9.0 courses:

1.0 course Political Science 2237E – Introduction to Political Theory

1.0 course Political Science 2230E – Canadian Government and Politics

1.0 course from Political Science 2231 (International Relations) OR  
Political Science 2245E (Introduction to Comparative Politics)

0.5 course Political Science 3324F/G – Introduction to Research Methods in Political Science

3.5 courses at the Political Science 2200+ level

1.0 course at the Political Science 3000+ level

1.0 course at the Political Science 4000+ level

*Effective **September 1, 2010**, the Department of Political Science in the Faculty of Social Science will offer the following revisions for the Political Science requirements of the Combined Honors BA Political Science/JD Program:*

**Years Two and Three:**

Students must take:

1.0 course Political Science 2237E - Introduction to Political Theory in Year Two

1.0 course Political Science 2230E - Introduction to Canadian Politics in Year Two

1.0 course from: Political Science 2231E (International Relations)  
or Political Science 2245E (Comparative Politics)

1.0 Political Science course at the 2200+ level

**Years Five and Six:**

Students must take:

- 0.5 course Political Science 3324F/G – Introduction to Research Methods in Political Science
- 2.5 courses at the Political Science 2200+ level
- 1.0 course at the Political Science 3000+ level
- 1.0 course at the Political Science 4000 level

**PSYCHOLOGY**

Effective **September 1, 2010**, the Psychology Major module will be revised as follows:

**MAJOR IN PSYCHOLOGY**

Module

6.0 courses

- 1.0 course normally taken in second year: Psychology 2820E\*
- 0.5 course in Psychology numbered 2100-2299.
- 0.5 course in Psychology numbered 2300-2799.
- 1.0 course in Psychology numbered 2100-2999.
- 1.0 course in Psychology numbered 2000-2999.
- 0.5 course in Psychology numbered 3100-3299.
- 0.5 course in Psychology numbered 3300-3799.
- 1.0 course in Psychology numbered 3100-3999.

\*Note: Students who initially major in Psychology but wish to enter the Honors Specialization should select Psychology 2810 and 2800E in place of Psychology 2820E. (Psychology 2800E would count as a course numbered 2000-2999).

Effective **September 1, 2010**, Psychology 3190F/G, *Special Topics in Cognitive Psychology*, will be added to the Psychology course offerings. Calendar copy is as follows:

**Psychology 3190F/G, Special Topics in Cognitive Psychology**

Topic Available in Department

**Prerequisite(s):** Either Psychology 2820E or both 2800E and 2810, and one of 2115A/B, 2134A/B, 2135A/B.

3 lecture hours, 0.5 course.

Effective **September 1, 2010**, Psychology 3140F/G, *Bilingualism*, will be added to the Psychology course offerings. Calendar copy is as follows:

**Psychology 3140F/G**

This course will examine how people acquire, process, and use a second language. Topics will include simultaneous and sequential bilingualism, the critical period hypothesis, theories of bilingual language representation, cross-language transfer, language selection and switching, simultaneous interpreting, cognitive consequences of bilingualism, the bilingual brain, and bilingual education.

**Antirequisite(s):** Psychology 3990F given in 2008.

**Prerequisite(s):** Either Psychology 2820E or both 2800E and 2810, and one of 2134A/B, 2135A/B.  
3 lecture hours, 0.5 course.

**SOCIOLOGY**

Effective September 1, 2010, the calendar course descriptions for Sociology 2240E *Survey of Sociological Theory*, 2270A/B *Foundations of Social Theory*, and 2271A/B *Survey of Contemporary Theory* will be amended in the Faculty of Social Science.

Course descriptions (p. 345-346 Academic Calendar 2009)

**Sociology 2240E, 2270A/B, and 2271A/B**

Add to 'extra information':

Sociology 2240E or 2270A/B and 2271A/B are mandatory for students registered in Yr 2 of an Honors Specialization offered through the Dept. of Sociology.

*Effective September 1, 2010, Political Science 3332F/G The Political Significance of the Charter will be added to the list of courses students can count toward the Honors Specialization, and the Major in Criminology offered in the Faculty of Social Science.*

**Honors Specialization in Criminology**

Add to: "1.0 course from: Law 2101, etc."

**Major in Criminology**

Add to: "1.0 course from: Sociology 2253A/B, etc."

*Effective September 1, 2010, Sociology 2247A/B Sociology of Health Care and Sociology 2179A/B Promotion of Community Health will be moved from the list of required courses to the list of possible elective courses in the Major in the Sociology of Health and Aging. And, Sociology 2280A/B Population Health and Longevity and 2285A/B Social Inequality over the Life Course will be added to the list of possible elective courses.*

Major in the Sociology of Health and Aging (p. 211 Academic Calendar 2009)

Delete Sociology 2179A/B and 2247A/B from "3.5 courses: ..." and revise to "2.5 courses: ..."

Add Sociology 2179A/B, 2247A/B, 2280A/B, and 2285A/B to "1.5 courses from: ..." and revise to "2.5 courses from: ..."

*Effective September 1, 2010, Sociology 2107A/B Population and Environment: Theory, Practice and Debate will be introduced in the Faculty of Social Science.*

**Sociology 2107A/B Population and Environment: Theory, Practice and Debate**

Changes in population size, age, and distribution affect issues ranging from food security to climate change, which in turn affect population growth and migration. These links are explored with the purpose of promoting scientific and policy dialogues. Topics include: the Malthusian debate, sustainability, global warming, mass migrations, environment and health.

2 hours, 0.5 course.

*Effective **September 1, 2010**, Sociology 2107A/B Population and Environment: Theory, Practice and Debate will be added to the Environment and Culture Minor.*

**MINOR IN ENVIRONMENT AND CULTURE**

Module

4.0 courses:

2.0 courses from: Anthropology 2203F/G, 2260F/G, 2262F/G, 2264F/G, 2266F/G, 2269F/G, 3322, 3369F/G, Geography 2411F/G, 3432A/B, 3441F/G, 4430A/B, First Nations Studies 2601F/G.

1.0 course from: Anthropology 2211F/G, 2212F/G, 2214F/G, 2216F/G, 2217F/G, 2218F/G, 2219F/G, Geography 2020A/B, 2030A/B, 2040A/B.

1.0 course from: Anthropology 2281F/G, 3309F/G, Geography 2154F/G, 3442F/G, 3445F/G, History 2211E, 3407F/G, Centre for Global Studies 3509F/G, Political Science 2137, 2235E, Sociology 2107A/B.

**DON WRIGHT FACULTY OF MUSIC**

*Effective September 1, 2010, Music 2629, Composition I, will be revised in the Don Wright Faculty of Music.*

**Music 2629, Composition I**

An introductory course in composing for voices and instruments. The course will include analysis of pertinent repertoire.

Prerequisite(s): Music 1650A/B with a minimum mark of 70%. Enrolment in the Bachelor of Music Honors in Theory and Composition program or permission of the Department.

3 hours, 1.0 course

*Effective September 1, 2010, Music 2948A/B/Y, 2949A/B/Y, 2950, 4948A/B/Y, 4949A/B/Y, 4950: Special Topics in Music Performance Studies will be introduced in the Don Wright Faculty of Music.*

**Music 2948A/B: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 1920.  
0.5 course.

**Music 2949A/B: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 1920.  
0.5 course.

**Music 2950: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 1920.  
1.0 course.

**Music 4948A/B: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 3920 or Music 3921.  
0.5 course.

**Music 4949A/B: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 3920 or Music 3921.  
0.5 course.

**Music 4950: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 3920 or Music 3921.  
1.0 course.

Update course descriptions for Music 3948A/B and 3949A/B.

**Music 3948A/B: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 2920 or 2921.  
0.5 course.

**Music 3949A/B: Special Topics**

Special topics in Music Performance Studies.  
Prerequisite(s): Music 2920 or 2921.  
0.5 course.

*Effective September 1, 2010, Music 3929, Advanced Elective Applied Study III, and Music 4929, Advanced Elective Applied Study IV, be introduced in the Don Wright Faculty of Music.*

Calendar Copy

**Music 3929, Advanced Elective Applied Study III** Lessons in the student's principal instrument.

For students registered in a Bachelor of Musical Arts program who wish to take a full course in lessons.  
Antirequisite(s): Music 3920, 3921 or 3924y.

Prerequisite(s): Music 2920 and permission of the Dean. Students will be billed a fee upon registration (see Fees section of Calendar).

1.0 course

**Music 4929, Advanced Elective Applied Study IV** Lessons in the student's principal instrument.

For students registered in a Bachelor of Musical Arts program who wish to take a full course in lessons.

Antirequisite(s): Music 4920, 4921 or 4924y.

Prerequisite(s): Music 3929 and permission of the Dean. Students will be billed a fee upon registration (see Fees section of Calendar).

1.0 course

Revision to page 159 of the 2009-10 Academic Calendar, paragraph 1, **Ensembles and Juries**:

Old copy:

All Faculty of Music students registered for a course titled "Applied Principal Instrument" are required to participate in a designated Faculty of Music ensemble. Final assignment to a designated ensemble is made by the Dean, primarily on the basis of an ensemble placement audition.

New copy:

All Faculty of Music students registered for a course titled "Applied Principal Instrument" or "Advanced Elective Applied Study (Music 3929 and 4929)" are required to participate in a designated Faculty of Music ensemble. Final assignment to a designated ensemble is made by the Dean, primarily on the basis of an ensemble placement audition.

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**BRESCIA UNIVERSITY COLLEGE**

*Effective January 2010, Interdisciplinary Studies 1000F/G: Introduction to Global Challenges will be introduced at Brescia University College (Calendar Copy is on page 422 of the UWO 2009/2010 calendar).*

**Interdisciplinary Studies 1000F/G: Introduction to Global Challenges**

An introduction to key world-wide challenges in the areas of politics, economics, culture, and society. Topics may include human rights, international trade, globalization of disease, and environmental issues.

0.5 course, 3.0 hours (Brescia)

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**REGISTRAR'S UPDATE**

*There were no minor changes during this period.*