

The following proposals, received on DAP between November 1-15, 2010, have now been approved. For more information on the DAP process see the Academic Handbook at <http://www.uwo.ca/univsec/handbook>.

FACULTY OF ENGINEERING

ELECTRICAL AND COMPUTER ENGINEERING

Effective **September 1, 2010**, correct the contact hours for ECE 4470A/B:

Electrical and Computer Engineering 4470A/B: Microcomputer Engineering

Introduction to computer system design. x86 and m68k microcomputer architectures. Assembly language programming. Cross-compiler development. Object-oriented analysis and design for embedded microcomputer systems. Advanced interfacing topics. Applications-level development. Systems programming on embedded systems (Palm Programming).

Prerequisite(s): ECE 2277A/B or the former ECE 3339A/B, ECE 3375A/B.

3 lecture hours, 1.5 laboratory hours or tutorial hours, 0.5 course.

ENGINEERING SCIENCE

Effective **September 1, 2011**, to update the prerequisites for ES 3399 to include ES 2299A/B, rather than MME 2299A/B:

Engineering Science 3399: Integrated Engineering Design II

Students develop and practice engineering design skills by working on an interdisciplinary team-based project. Students will experience all phases of the design process, including: problem definition, generation and evaluation of concepts, engineering analysis and testing, and preparation of design documentation. Project management and communications skills will also be emphasized.

Antirequisite(s): The former MME 3399.

Prerequisite(s): MME 2259A/B, ES 2299A/B.

4 tutorial hours, 1.0 course.

Restricted to students enrolled in the Integrated Engineering program.

INTEGRATED ENGINEERING PROGRAM

Effective **September 1, 2011**, to remove ECE 4434A/B from the list of technical electives for Integrated Engineering Program students and add CBE 4409A/B to the list:

INTEGRATED ENGINEERING PROGRAM

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 4421A/B, CBE 4425A/B, CBE 4409A/B or the former CBE 3363A/B.

Civil and Environmental Engineering:

CEE 3348A/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 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.

MECHATRONIC SYSTEMS ENGINEERING

Effective **September 1, 2011**, to introduce the following new courses in the Mechatronic Systems Engineering Program: MSE 2201A/B, MSE 2202A/B, MSE 2233A/B, MSE 3301A/B, MSE 3302A/B, MSE 4401A/B, and MSE 4499:

Mechatronic Systems Engineering 2201A/B: Introduction to Electrical Instrumentation

Introduction to instrumentation and basic electronics; Laboratory experiments associated with ECE 2205A/B, as well as laboratory experiments in instrumentation and measurement; review of laboratory practice, health and safety issues, simulation software, data collecting methods; errors and their calculus; accuracy; averaging, signal conditioning, and data interpolation.

Antirequisite: ECE 2240A/B

Corequisite: ECE 2205A/B

2 lecture hours, 2 lab hours, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Mechatronic Systems Engineering 2202A/B: Introduction to Mechatronic Design

Introduces engineering design and structured design methods from the perspective of mechatronic systems that integrate mechanical, electrical and control technologies. Topics include the mechatronic design process, simple sensors and actuators, heat management, electronic communications and microcontroller-based software design.

Prerequisite: ES 1021A/B, ES 1022A/B/Y, ES 1050.

3 lecture hours, 3 lab/tutorial hours, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Mechatronic Systems Engineering 2233A/B: Circuits and Systems

Introduction to a system level analysis of electrical circuits. The S-Plane and frequency response of circuits, frequency selective circuits, state variables, introduction to Fourier analysis, Fourier transform and Laplace transform techniques. Transfer functions and system functions.

Antirequisite: ECE 2233A/B

Prerequisite: ECE 2205A/B, MSE 2201A/B

Corequisite: Applied Mathematics 2415

3 lecture hours, 2 tutorial hours, 1 lab hour, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Mechatronic Systems Engineering 3301A/B: Material Selection and Smart Materials

Fundamentals of shaping and strengthening materials used in mechatronics components. Material selection based on the composite properties of an application. Smart material fabrication and application to modern mechatronic devices.

Prerequisite: MSE 2202A/B

Antirequisite: MME 3379A/B

3 lecture hours, 2 lab hours, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Mechatronic Systems Engineering 3302A/B: Sensors and Actuators

In this course, students are introduced to advanced concepts in sensing and actuation for mechatronic systems, including both traditional sensors and actuators an introduction to advanced topics in micro electromechanical system (MEMS) sensing, and smart materials.

Prerequisite: MSE 3301A/B, ECE 3332A/B

Corequisite: ECE 3375A/B

3 lecture hours, 1.5 lab/project hours, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Mechatronic Systems Engineering 4401A/B: Robotic Manipulators

Introduces the basic principles and techniques involved in modeling, simulating and controlling rigid-link manipulators. Forward and inverse kinematics. Manipulator dynamics. Control of robot manipulators.

Prerequisite: MME 2213A/B

3 lecture hours, 1.5 lab/project hours, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Mechatronic Systems Engineering 4499: Mechatronic Design Project

The aim of the course is to develop and practice the interdisciplinary skills required to solve open-ended engineering design problems from a mechatronics perspective. Students will experience all phases of the design process, including: problem definition, generation and evaluation of concepts, engineering analysis and testing, and preparation of design documentation. Project management and communications skills will also be emphasized. A faculty advisor will supervise project teams and an interdisciplinary committee comprised of Mechatronics program faculty members will assess project outcomes.

Antirequisite: CBE 4415, CEE 4440, SE 4450, MME 4499, the former MME 4419, ECE 4416, ES 4499

Prerequisite: Completion of third year of the Mechatronic Systems Engineering program
6 lab/project hours, 1.0 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Effective **September 1, 2010**, to correct the academic calendar on a mis-numbered course, and to correct wording of technical electives:

MECHATRONIC SYSTEMS ENGINEERING

Fourth Year Program

Business Administration 2299, MSE 4401A/B, MSE 4499, ECE 4460A/B, ECE 4457A/B, ECE 4469A/B, ES 4498F/G, two 0.5 technical electives**

SCHULICH SCHOOL OF MEDICINE & DENTISTRY

MEDICINE

Effective **September 1, 2011**, Medicine 5400 Transition Period be withdrawn and Medicine 5402 Integration, Consolidation and Enrichment be introduced by the Schulich School of Medicine and Dentistry. Medicine 5402 will take the place of Medicine 5400 in the Doctor of Medicine program (Year 4):

Medicine 5402 Integration, Consolidation and Enrichment (Year 4)

After completion of clinical science electives, students return to Schulich for Integration, Consolidation and Enrichment to integrate the scientific and clinical aspects of medicine in light of their clinical experience. Offerings include a variety of classroom, laboratory and seminar experiences. The satisfactory completion of 186 credit hours is required to pass Integration, Consolidation and Enrichment. (12 Weeks, weight 2.0).

FACULTY OF SCIENCE

PHYSICS AND ASTRONOMY

Effective **September 1, 2010**, the calendar description of the following courses be modified as described below:

Physics 1301A/B: Introductory Physics I

A calculus-based laboratory course for students intending to pursue further studies in science. Kinematics, force and motion, energy, linear momentum, rotation, torque and angular momentum, gravitation, heat, kinetics of gases.

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

Physics 1302A/B: Introductory Physics II

A calculus-based laboratory course for students intending to pursue further studies in Science. Oscillations, waves, fluids, electric fields and potential, DC circuits, magnetic fields, modern physics.

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

Physics 2600A/B: Introduction to Medical Physics

A practical introduction to key physical principles as applied to medical imaging and radiation therapy. Topics covered will include: imaging metrics, ionizing radiation and radiation safety, radioactivity, radiation therapy, computed tomography, nuclear medicine, ultrasound and magnetic resonance imaging.
3 lecture hours, 0.5 course.

*Effective **September 1, 2010**, the prerequisites of the following courses be modified as indicated below:*

Physics 1029A/B: Physics for the Biological Sciences II

Prerequisite(s): One of Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B.
3 lecture hours, 3 laboratory/ tutorial hours, 0.5 course.

Physics 2810A/B: Physical Properties of Materials

Prerequisite(s): (Calculus 1000A/B or 1100A/B), and (Calculus 1301A/B or 1501A/B), or Applied Mathematics 1413; Chemistry 1100A/B and 1200B, or the former Chemistry 023, 1020, 1050; (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B), or the former Physics 1020 or 1024 or 1026.
3 lecture hours, 0.5 course.

Materials Science 2810A/B: Physical Properties of Materials

Prerequisite(s): (Calculus 1000A/B or 1100A/B), and (Calculus 1301A/B or 1501A/B), or Applied Mathematics 1413; Chemistry 1100A/B and 1200B, or the former Chemistry 023, 1020, 1050; (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B), or the former Physics 1020 or 1024 or 1026.
3 lecture hours, 0.5 course.

*Effective **September 1, 2011**, the prerequisites of the following courses be modified as indicated below:*

Physics 3400A/B: Introduction to Thermal Physics

Prerequisite(s): Physics 2101A/B and 2102A/B, or Physics 2128A/B and 2129A/B; Physics 2110A/B or the former Physics 2900E.
3 lecture hours, 0.5 course.

Physics 3926F/G: Computer Simulations in Physics

Prerequisite(s): Physics 2101A/B and 2102A/B, or Physics 2128A/B and 2129A/B; Physics 2110A/B and 2910F/G, or the former Physics 2900E; Calculus 2303A/B or 2503A/B.
3 lecture hours, 2 laboratory hours, 0.5 course.

Physics 3900F/G/Z: Senior Physics Laboratory

Prerequisite(s): Physics 2910F/G, or the former Physics 2900E.
6 laboratory hours, 0.5 course.

Physics 3200A/B: Quantum Mechanics I

Prerequisite(s): Physics 2101A/B and 2102A/B, or Physics 2128A/B and 2129A/B; Physics 2110A/B.
3 lecture hours, 0.5 course.

Physics 3300A/B: Electromagnetic Theory I

Prerequisite(s): Physics 2101A/B and 2102A/B, or Physics 2128A/B and 2129A/B.
3 lecture hours, 0.5 course.

Physics 3380A/B: Optics and Photonics

Prerequisite(s): 0.5 course from: Physics 2101A/B, 2129A/B, 2810A/B, Materials Science 2810A/B, the former Physics 2800, the former Materials Science 2800; Calculus 2302A/B or 2502A/B.
3 lecture hours, 0.5 course.

Physics 3809A/B: Biological Materials

Prerequisite(s): Physics 2810A/B or Materials Science 2810A/B or the former Physics 2800 or the former Materials Science 2800; Chemistry 1100A/B and Chemistry 1200B or the former Chemistry 023, 1020, 1050.
3 lecture hours, 0.5 course.

Physics 4810A/B: Electronic Materials and Devices

Prerequisite(s): 0.5 course from: Physics 2102A/B, 2129A/B, 2810A/B, Materials Science 2810A/B, the former Physics 2800, the former Materials Science 2800; Calculus 2302A/B or 2502A/B.
3 lecture hours, 0.5 course.

Physics 4850A/B: Nanomaterials

Prerequisite(s): 0.5 course from: Physics 2102A/B, 2129A/B, 2810A/B, the former Physics 2800, the former Materials Science 2800; Calculus 2302A/B or 2502A/B.
3 lecture hours, 0.5 course.

Astronomy 4101A/B: Stellar Astrophysics

Prerequisite(s): Physics 2101A/B and 2102A/B, or Physics 2128A/B and 2129A/B; Calculus 2503A/B.
3 lecture hours, 0.5 course.

Astronomy 4602A/B: Gravitational Astrophysics and Cosmology

Prerequisite(s): Physics 2101A/B and 2102A/B, or Physics 2128A/B and 2129A/B; Calculus 2503A/B.
3 lecture hours, 0.5 course.

FACULTY OF SOCIAL SCIENCE

ANTHROPOLOGY

Effective **January 1, 2011**, to introduce a new course, *Anthropology 2280F/G Economic Anthropology*:

Anthropology 2280F/G: Economic Anthropology

This course explores the economic lives of people across a variety of cultures. Topics will include social and political economy, economics and morality, gifts and exchange, labour and production, commodities and consumption, fair trade, and concepts of land and mortgage.

Antirequisite: Former Anthropology 271A/B.

Prerequisite: Any 0.5 or 1.0 Essay course in any faculty.
3 lecture hours, 0.5 course.

Effective **January 1, 2011**, to introduce a new course, *Anthropology 2272F/G Anthropology of Tourism*:

Anthropology 2272F/G: Anthropology of Tourism

This course examines various aspects of tourism from an anthropological point of view. Topics will include the cultural effects of tourism on both hosts and guests, on the political and economic issues involved in tourism, on the connection between tourism and environmental concerns, and on conflict over local resources.

Prerequisite: At least a 0.5 Essay course in any faculty.
3 lecture hours, 0.5 course.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective **September 1, 2011**, admission to existing program modules, will be discontinued by Management and Organizational Studies in the Faculty of Social Science, and that students enrolled in the existing MOS program modules prior to September 1, 2011 will be permitted to continue with the understanding that they must complete the requirements prior to September 2016, and, that effective September 1, 2016, existing MOS program modules (prior to those introduced in September 1, 2011) will be withdrawn and all registration discontinued:

MANAGEMENT AND ORGANIZATIONAL STUDIES

Social Science Centre 3207, Tel: 519-661-2051
Fax: 519-850-2386
email: mos@uwo.ca
website: www.mos.uwo.ca

Students who entered the program before September 1, 2011, and are graduating before September 1, 2016, will be allowed to follow the program requirements stated in the Academic Calendar in the year in which they were admitted to the MOS Program. If MOS 1020A/B has been completed prior to September 1, 2011, students will not be required to take MOS 1021A/B and 1023A/B. If MOS 3310A/B and 3320A/B have been completed prior to September 1, 2011, students will not be required to take MOS 2310A/B and 2320A/B.

New Requirements for students entering on or after September 1, 2011

Students may choose between two degree options – a Bachelor of Management and Organizational Studies (BMOS) **HONORS DEGREE** or a **FOUR-YEAR SPECIALIZATION DEGREE**. MOS offers a 20.0 course Bachelor of Management and Organizational Studies (BMOS) **Degree as an Honors Specialization or Double Major (BMOS Honors Degree) or a BMOS Specialization (BMOS Four-Year Degree)** providing students with a four-year degree combining management and social science courses using an evidence-based management approach and drawing on social science methodologies. Evidence-based management stresses the study of managerial decisions and organizational practices informed by the combination of best available management research, facts specific to the situation, practitioner experience and judgment, and ethics and values. The Commercial Aviation Management module allows students who select the Flight Training option the opportunity to obtain a Commercial Pilot's License.

Students applying to MOS with the Ontario Four-Year Grade 12 curriculum must complete an Ontario Secondary School Diploma including: completion of six Grade 12U or M courses, including English (ENG4U) and two of either Advanced Functions (MHF4U), Calculus and Vectors (MCV4U) and Math of Data Management (MDM4U). Although Calculus is not required for admission, students admitted to MOS without a Calculus background may be required to take Mathematics 0110A/B in addition to two half-courses in Mathematics at the 1000-level or Calculus 1100A/B in addition to one half-course in Mathematics at the 1000-level during first year in order to meet certain course/module requirements.

Students may **not** apply into any of the BMOS modules when they apply for admission to the University. After first year, students registered in MOS may apply to a BMOS Specialization (BMOS Four-Year Degree) if a 65% cumulative average is attained. After first year, students registered in MOS who wish to apply to the BMOS Honors Degree (Honors Specialization or Double Major) must meet the Admission Requirements for the module they wish to apply to. Students registered in MOS prior to September 2011 may follow the course and Admission Requirements outlined in the Academic Calendar in the year in which they were first admitted. BMOS students applying to transfer from an Affiliated University College may apply with the stated first-year course requirements from that college and must meet Admission Requirements.

MOS 1021A/B and 1023A/B are no longer restricted to students registered in the MOS Program.

*Effective **September 1, 2011**, the following program modules be revised in Management and Organizational Studies, Faculty of Social Science at Main Campus: Major in: Accounting; Human Resource Management (Note: Title change from Organizational and Human Resources); Commercial Aviation Management; and Specialization in: Human Resource Management (Note: Title change from Organizational and Human Resources); Commercial Aviation Management:*

MAJOR IN ACCOUNTING

(Restricted to students registered in the BMOS Honors Degree)

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; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course from: Economics 1021A/B and 1022A/B

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

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

Note: *Computer Science 1032A/B is highly recommended.

Module:

7.0 senior courses:

1.0 course: Business Administration 2257

1.0 course from: MOS 2242A/B and 0.5 MOS 2000-level or above; Economics 2122A/B and 2123A/B; Psychology 2820E; Sociology 2205A/B and 2206A/B; Statistical Sciences 2035

3.0 courses: MOS 2310A/B*; 3360A/B and 3361A/B; 3372; 4410A/B

0.5 course from: 2275A/B, 3362A/B, 3363A/B, 4462A/B, 4465A/B, 4466A/B

1.0 courses from: MOS 2181A/B, 2276A/B, 2320A/B*, 3330A/B

0.5 course from: Anthropology 2201F/G, 2203F/G, 2262F/G; Economics 2124A/B, 2125A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, 2163A/B, 2164A/B, 2184A/B; Geography 2143A/B, 2144F/G, 3422F/G; History 2125F/G, 2127F/G, 2703F/G, 2807F/G; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Psychology 2030A/B, 2035A/B, 2070A/B, Sociology 2172A/B, 3308F/G, 3314F/G, 3315F/G, 3316F/G

Note: *Students interested in pursuing an HBA Degree at the Richard Ivey School of Business must defer MOS 2310A/B and 2320A/B until Year 3. These two courses will not count towards the 10.0 credits required for admission to the HBA Program and are discouraged for those students continuing on to the Richard Ivey School of Business. Students continuing in MOS must complete MOS 2310A/B and 2320A/B in Year 3 prior to enrolling in MOS courses for which these courses are the prerequisite.

MAJOR IN HUMAN RESOURCE MANAGEMENT

(Restricted to students registered in the Honors Degree)

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; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: Psychology 1000*; Sociology 1020 or 1021E

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

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

Note: *Students interested in pursuing an Honors Specialization in Human Resource Management will be required to take Psychology 1000.

Module:

7.0 courses:

1.0 course: Business Administration 2257

1.0 course from: MOS 2242A/B and 0.5 MOS 2000-level or above; Psychology 2820E; Sociology 2205A/B and 2206A/B; Statistical Sciences 2035*

1.5 courses: MOS 2280A/B; 4410A/B; 4485F/G

2.5 courses from: MOS 3280F/G, 3342A/B, 3343A/B, 3344F/G, 3352F/G, 3372, 3383A/B, 3384A/B

1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G; Economics 2124A/B, 2125A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, 2163A/B, 2164A/B, 2184A/B; Geography 2143A/B, 2144F/G, 3422F/G; History 2125F/G, 2127F/G, 2703F/G, 2807F/G; MOS 2310A/B, 2320A/B, 3330A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3314F/G, 3315F/G, 3316F/G

Note: *Students interested in pursuing an Honors Specialization in Human Resource Management will be required to complete either MOS 3341F/G or Sociology 2206A/B.

**Students interested in pursuing an HBA Degree at the Richard Ivey School of Business must defer MOS 2310A/B and 2320A/B until Year 3. These two courses will not count towards the 10.0 credits required for admission to the HBA Program and are discouraged for those students continuing on to the Richard Ivey School of Business. Students continuing in MOS must complete MOS 2310A/B and 2320A/B in Year 3 prior to enrolling in MOS courses for which these courses are the prerequisite.

MAJOR IN COMMERCIAL AVIATION MANAGEMENT

(Restricted to students registered in the Honors Degree)

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; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course from: Economics 1021A/B and 1022A/B; Psychology 1000; Sociology 1020 or 1021E

1.0 course from: Anthropology, Geography, History, Physics 1021, 1301A/B and 1302A/B, 1501A/B and 1502A/B*, Political Science, Psychology, Sociology, Women's Studies

0.5 course: numbered 1000-1999

Note: *Students completing the Flight Training option must have completed Grade 12U Physics or 1.0 Physics from the list above prior to their second year of study.

Module:

7.0 senior courses:

1.0 course: Business Administration 2257

2.0 courses: Economics 2166F/G; Geography 2122A/B, 2310A/B; History 2215F/G

1.0 course from: MOS 2181A/B, 2310A/B*, 2320A/B*, 3330A/B

3.0 courses from: MOS 3305A/B, 3306A/B, 4405F/G, 4406F/G, 4409F/G, 4410A/B

*Students interested in pursuing an HBA Degree at the Richard Ivey School of Business must defer MOS 2310A/B and 2320A/B until Year 3. These two courses will not count towards the 10.0 credits required for admission to the HBA Program and are discouraged for those students continuing on to the Richard Ivey School of Business. Students continuing in MOS must complete MOS 2310A/B and 2320A/B in Year 3 prior to enrolling in MOS courses for which these courses are the prerequisite.

SPECIALIZATION IN HUMAN RESOURCE MANAGEMENT

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; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: Psychology 1000*; Sociology 1020 or 1021E

1.0 course: from Anthropology, Economics, Geography, History, Political Science, Sociology, Women's Studies

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

Note: *Students interested in pursuing an Honors Specialization in Human Resource Management will be required to take Psychology 1000.

Module:

10.0 senior courses:

1.0 course normally taken in second year: Business Administration 2257

1.0 course normally taken in second year: MOS 2181A/B, 2320A/B

1.0 course normally taken in second year from: MOS 2242A/B and 0.5 MOS 2000-level or above; Psychology 2820E; Sociology 2205A/B and 2206A/B; Statistical Sciences 2035*

3.5 courses normally taken in third year: MOS 3280F/G, 3342A/B, 3343A/B, 3344F/G, 3372, 3384A/B

1.0 course from: Anthropology 2201F/G, 2203F/G, 2262F/G; Economics 2124A/B, 2125A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, 2163A/B, 2164A/B, 2184A/B; Geography 2143A/B, 2144F/G, 3422F/G; History 2125F/G, 2127F/G, 2419F/G, 2703F/G, 2807F/G; MOS 2310A/B*; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B; Sociology 2172A/B, 2233 or 2234E, 3308F/G, 3314F/G, 3315F/G, 3316F/G

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

1.5 course: MOS 3330A/B, 4410A/B and 4485F/G

Notes: *Students interested in pursuing an Honors Specialization in Human Resource Management will be required to complete either MOS 3341F/G or Sociology 2206A/B.

*Students interested in pursuing an HBA Degree at the Richard Ivey School of Business must defer MOS 2310A/B and 2320A/B until Year 3. These two courses will not count towards the 10.0 credits required for

admission to the HBA Program and are discouraged for those students continuing on to the Richard Ivey School of Business. Students continuing in MOS must complete MOS 2310A/B and 2320A/B in Year 3 prior to enrolling in MOS courses for which these courses are the prerequisite.

SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

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; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course from: Economics 1021A/B and 1022A/B; Psychology 1000; Sociology 1020 or 1021E

1.0 course from: Anthropology, Geography, History, Physics 1021, 1301A/B and 1302A/B, 1501A/B and 1502A/B*, Political Science, Psychology, Sociology, Women's Studies

0.5 course: numbered 1000-1999

Note: *Students who are completing the Flight Training option must have completed Grade 12U Physics or 1.0 Physics from the list above prior to their second year of study.

Module:

11.0 senior courses:

1.0 course normally taken in second year: Business Administration 2257

1.0 course normally taken in second year from: Economics 2150A/B, 2152A/B; MOS 2181A/B, 0.5 MOS 2000-level or above; Psychology 2060; Sociology 2169

2.0 courses normally taken in second year: Economics 2166F/G; Geography 2122A/B, 2310A/B; History 2215F/G

0.5 course normally taken in second year: MOS 2310A/B*, 2320A/B*

1.0 course normally taken in third year: MOS 3305A/B, 3306A/B

0.5 course normally taken in third or fourth year: MOS 3330A/B

2.0 courses normally taken in third year from: Actuarial Science 2053; Anthropology 2201F/G, 2203F/G, 2262F/G; Economics 2124A/B, 2125A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, 2163A/B, 2164A/B, 2184A/B; Geography 2143A/B, 2144F/G, 3422F/G; History 2125F/G, 2127F/G, 2703F/G, 2807F/G; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Political Science 2211E, 2236E, 2246E; Psychology 2030A/B, 2035A/B, 2070A/B, 2820E; Sociology 2205A/B, 2206A/B, 2172A/B, 2233 or 2234E, 3308F/G, 3314F/G, 3315F/G, 3316F/G; Statistical Sciences 2035

1.5 courses: MOS 2000-level or above

1.5 courses: MOS 4405F/G, 4406F/G, 4410A/B

*Students interested in pursuing an HBA Degree at the Richard Ivey School of Business must defer MOS 2310A/B and 2320A/B until Year 3. These two courses will not count towards the 10.0 credits required for admission to the HBA Program and are discouraged for those students continuing on to the Richard Ivey School of Business. Students continuing in MOS must complete MOS 2310A/B and 2320A/B in Year 3 prior to enrolling in MOS courses for which these courses are the prerequisite.

*Effective **September 1, 2011**, the following courses will be withdrawn from course offerings in Management and Organizational Studies, Faculty of Social Science at Main Campus:*

MOS 2155A/B: Human Relations in the Organization

MOS 2180: Organizational Behavior

MOS 2240A/B: Information Management and Decision Making

MOS 2280F/G: Organizational Behavior: Theoretical Foundations

MOS 3310A/B: Finance for Management and Organizational Studies

MOS 3320A/B: Marketing for Management and Organizational Studies

MOS 3340E: Administration of Resources and Technology

MOS 4420F/G: Marketing Research

Effective **September 1, 2011**, the following course offerings be introduced in Management and Organizational Studies, Faculty of Social Science at Main Campus:

Management and Organizational Studies 2181A/B: Organizational Behavior

A multidisciplinary approach to the study of human behavior in organizations from the individual, group and organizational levels of explanation.

Antirequisite(s): MOS 2180.

Prerequisite(s): Enrollment in BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Management and Organizational Studies 2310A/B: Finance for Management and Organizational Studies

This course provides overview of issues in financial management and corporate finance. Students will learn how financial managers make investment, financing and other decisions and the tools they use to make such decisions. Topics covered include time value of money, risk, valuation, capital structure, dividend policy and other selected issues.

Antirequisite(s): Actuarial Science 2555A/B and the former MOS 3310A/B.

Prerequisite(s): MOS 1020A/B or both MOS 1021A/B and 1023A/B and enrollment in BMOS.

3 lecture hours, 0.5 course.

Note: * Students interested in pursuing an HBA Degree at the Richard Ivey School of Business should not take this course in second year as Ivey does not recognize this course as part of the HBA degree.

Management and Organizational Studies 2320A/B: Marketing for Management and Organizational Studies

An introduction to the role of marketing in the organization including information systems, corporate strategy, opportunities assessment, product differentiation, pricing strategies, distribution, communication and advertising.

Antirequisite(s): MOS 3320A/B.

Pre- or Corequisite(s): MOS 1020A/B or both MOS 1021A/B and 1023A/B and enrollment in BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Note: Students interested in pursuing an HBA Degree at the Richard Ivey School of Business should not take this course in second year as Ivey does not recognize this course as part of the HBA degree.

Management and Organizational Studies 3280F/G: Evidence Based Management in Human Resources

Application of evidence-based management principles and practices to human resource management. This course develops management problem-solving skills based on grounding in relevant theories and frameworks. It links introductory coursework in organizational behavior to effective human resource management practice in contemporary organizations.

Antirequisite(s): MOS 2280F/G.

Prerequisite(s): One of MOS 2181A/B, Psychology 2060, Sociology 2169, MOS 2180 and enrollment in 3rd or 4th year of BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Management and Organizational Studies 3311A/B: Advanced Finance for Management and Organizational Studies

This course introduces students to an in-depth analysis of financial planning and management with emphasis on capital structure and dividend payout policies, cost of capital and capital budgeting, and working capital management. The course serves as a framework for understanding a broad range of corporate financial decisions. Cases and directed readings will be used to enhance learning.

Antirequisite(s): MOS 4310A/B.

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

3 lecture hours, 0.5 course.

Management and Organizational Studies 3313A/B: Financial Markets and Institutions

The objective of this course is to prepare students for successful interaction with financial markets and institutions. Focus will be placed on the behavior of major financial institutions and their role in the intermediation process as suppliers of funds as well as the form and function of specific financial markets.

Antirequisite(s): Business Administration 4423A/B

Prerequisite(s): MOS 2310A/B or MOS 3310A/B and enrollment in 3rd or 4th year of BMOS.
3 lecture hours, 0.5 course.

Management and Organizational Studies 3322F/G: Integrated Marketing Communications

This course focuses on the theories, concepts, and applications of integrated marketing communications, covering the elements of advertising, sales promotion, public relations, publicity, personal selling, direct marketing, and interactive marketing. The goal is to understand how marketing communications reaches and serves customers, and how it helps to shape consumer behavior.

Prerequisite(s): MOS 2320A/B or MOS 3320A/B and enrollment in 3rd or 4th year of BMOS.
3 lecture hours, 0.5 course.

Management and Organizational Studies 3420F/G: Marketing Research

This course integrates the various research tools used within the social sciences and applies them to practical marketing research settings. The focus is on how to develop research designs, instruments, and methodologies to answer specific applied research questions and theories.

Antirequisite(s): Business Administration 4481Q/R/S/T, the former MOS 4420F/G or MOS 395A/B if taken in 2007-08.

Prerequisite(s): MOS 2320A/B or MOS 3320A/B and enrollment in 3rd or 4th year of BMOS.

Pre- or Corequisite(s): One of: MOS 2242A/B; Psychology 2820E; Sociology 2205A/B and 2206A/B; Statistical Sciences 2035

3 lecture hours, 0.5 course.

Management and Organizational Studies 4312A/B: Derivatives

This course provides students with a framework for understanding the design and valuation of derivative securities. It familiarizes them with the instruments and institutions of financial markets, focusing particularly on "derivatives" markets (futures, options, etc.). Students learn with a series of simulation exercises in excel spreadsheet using real data.

Antirequisite(s): MOS 3312A/B and MOS 4497A/B if taken prior to September 2011.

Prerequisite(s): MOS 2310A/B or MOS 3310A/B and enrollment in 4th year of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4313A/B: Real Estate Investment Trusts and Mortgage Backed Securities

To introduce students to the principal concepts and theories in real estate investment trusts (REITs), publicly traded real estate, commercial mortgage-backed securities (CMBS) market and securitization. To apply these concepts to the real world and assess the empirical evidence.

Prerequisite(s): MOS 2310A/B or MOS 3310A/B at the affiliated colleges and enrollment in 4th year of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4423F/G: Seminar in Consumer Research

This course focuses on theory, methodology, and implications of consumer research. Students will learn how to apply theories and research techniques, in order to understand consumer phenomena.

Prerequisite(s): MOS 2320A/B (or MOS 3320A/B), MOS 3321F/G and either MOS 3322F/G or MOS 3420F/G and enrollment in 4th year of a Consumer Behavior module in BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4999E: Honors Thesis Course in Management and Organizational Studies

Independent research under the direction of a faculty member.

Prerequisite(s): Permission of the instructor and enrollment in 4th year of an Honors Specialization in Consumer Behavior or Human Resource Management in BMOS.

1.0 course.

Effective September 1, 2011, the following course listing be revised in Management and Organizational Studies, Faculty of Social Science at Main Campus:

Management and Organizational Studies 1022F/G: Introduction to Aviation

Prerequisite(s): Enrollment in the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 2199Y: Professional Pilot Academic Internship I

In this academic internship, students explore the principles of aviation, including air law, navigation, radio aids, meteorology, and general knowledge about aeronautics. This “ground school” is a co-requisite to flight training toward the private pilot’s license.

Prerequisite(s): Restricted to students registered in 2nd year of the Flight Training option of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 2242A/B: Statistics for Management and Organizational Studies

Antirequisite(s): All other University level statistics courses at the 2000-level or above including Biology 2244A/B; Economics 2122A/B, 2222A/B, Geography 2210A/B, Health Sciences 3801A/B, Psychology 2810, 2820E, 2830A/B, 2885, Social Work 2205, Sociology 2205A/B, Statistical Sciences 2035, 2037A/B (if taken before Fall 2010), 2141A/B, 2143A/B, 2244A/B, 2858A/B and the former 2122A/B; but excluding Statistical Sciences 2037A/B (if taken after Summer 2010).

Prerequisite(s): 1.0 course or equivalent from Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, and enrollment in BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 2276A/B: Business Law II

Prerequisite(s): MOS 2275A/B and enrollment in BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3199Y: Professional Pilot Academic Internship II

In this academic internship, students explore the principles of aviation, including air law, navigation, radio aids, meteorology, and general knowledge about aeronautics. This “ground school” is a co-requisite to flight training toward the commercial pilot’s license.

Prerequisite(s): MOS 2199Y and registration in 3rd year of the Flight training option of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3305A/B: Human Factors in Aviation

Prerequisite(s): Enrollment in 3rd or 4th year of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3306A/B: Aviation Law

Prerequisite(s): Enrollment in 3rd or 4th year of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3321F/G: Consumer Behavior

Prerequisite(s): MOS 2320A/B or MOS 3320A/B and enrollment in 3rd or 4th year of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3330A/B: Operations Management for Management and Organizational Studies

Antirequisite(s): Business Administration 3304K.

Prerequisite(s): MOS 1020A/B or both MOS 1021A/B and 1023A/B and enrollment 3rd or 4th year of BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Management and Organizational Studies 3341F/G: Research Methods in Human Resources

Prerequisite(s): Enrollment in 3rd or 4th year of BMOS and one of: MOS 2242A/B, Statistical Sciences 2035, Psychology 2820E, Sociology 2205A/B.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3352F/G: Industrial Relations and Labor Studies

Prerequisite(s): One of MOS 2181A/B or MOS 2180, MOS 3280F/G or MOS 2280F/G and enrollment in 3rd or 4th year of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3355F/G: Women in the Canadian Workplace

Prerequisite(s): Enrollment in 3rd or 4th year of BMOS.

3 seminar hours, 0.5 course.

Management and Organizational Studies 3356F/G: Contemporary Perspectives on Women in the Workplace

Prerequisite(s): Enrollment in 3rd or 4th year of BMOS.

3 seminar hours, 0.5 course.

Management and Organizational Studies 3360A/B: Intermediate Accounting I

Prerequisite(s): Business Administration 2257 and enrollment in 3rd or 4th year of BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Management and Organizational Studies 3361A/B: Intermediate Accounting II

Prerequisite(s): MOS 3360A/B and enrollment in 3rd or 4th year of BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Management and Organizational Studies 3362A/B: Introduction to Taxation in Canada

Antirequisite(s): Business Administration 4479A/B.

3 lecture hours, 0.5 course.

Management and Organizational Studies 3384A/B: Personnel Recruitment and Selection

Prerequisite(s): Enrollment in 3rd or 4th year of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4199Y: Professional Pilot Academic Internship III

In this academic internship, students explore the principles of aviation, including air law, instrumentation, navigation, radio aids, meteorology, and general knowledge about aeronautics. This “ground school” is a co-requisite to flight training toward the instrument rating.

Prerequisite(s): MOS 3199Y and enrollment in 4th year of the Flight Training option of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4405F/G: Airport Planning and Management

Prerequisite(s): Enrollment in 4th year of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4406F/G: Airline Operation and Management

Prerequisite(s): Enrollment in 4th year of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4409F/G: Aviation Safety

Antirequisite(s): MOS 3397A/B if taken prior to September 2009.

Prerequisite(s): MOS 1022F/G and enrolment in 4th year of the Commercial Aviation Management module of BMOS.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4465A/B: Advanced Accounting

Advanced financial accounting topics including international accounting and Canadian accounting treatment of intercorporate investments, business combinations, foreign currency transactions and translation, and accounting for not-for-profit organizations.

3 lecture hours, 0.5 course.

Management and Organizational Studies 4485F/G: Human Resource Management for HR Students

Prerequisite(s): One of: MOS 2181A/B, MOS 3280F/G, Psychology 2060, 2660A/B, Sociology 2169, MOS 2180, MOS 2280F/G and enrolment in 4th year of BMOS.

3 lecture hours, 0.5 course.

PSYCHOLOGY

Effective **September 1, 2010**, the prerequisites for Psychology 2810 and 2820E will be revised to reflect the renaming of Linear Algebra 1600A/B to Mathematics 1600A/B as follows:

Psychology 2810: Statistics for Psychology

Prerequisite(s): At least 60% in a 1000-level Psychology course plus one full course in mathematics. To fulfill the mathematics requirement, you must complete a full course equivalent by taking 1.0 courses from among the following courses: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Mathematics 0110A/B, 1120A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B, former Mathematics 030 and 031. If Mathematics 0110A/B is selected, then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken. The combination of Mathematics 1228A/B and Statistical Sciences 1024A/B is strongly recommended.

2 lecture hours, 2 laboratory hours, 1.0 course.

Psychology 2820E: Research Methods and Statistical Analysis in Psychology

Prerequisite(s): At least 60% in a 1000 level Psychology course plus one full course in mathematics. To fulfill the mathematics requirement, you must complete a full course equivalent by taking 1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Mathematics 0110A/B, 1120A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B, former Mathematics 030 and 031. If Mathematics 0110A/B is selected, then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken. The combination of Mathematics 1228A/B and Statistical Sciences 1024A/B is strongly recommended.

2 lecture hours, 2 laboratory/tutorial hours, 1.0 course.

Effective **September 1, 2010**, the prerequisites for Psychology 3800F/G will be revised as follows:

Psychology 3800F/G: Psychological Statistics Using Computers

Prerequisite(s): Psychology 2810, plus registration in third or fourth year Honors Specialization in Psychology or Honors Specialization in Developmental Cognitive Neuroscience. Psychology Majors and Special Students who earn 70% or higher in Psychology 2820E or Psychology 2810 may enroll in this course.

2 lecture hours, 2 laboratory hours, 0.5 course.

Effective **September 1, 2010**, the "extra information" will be edited to remove the "Note" in the following courses:

Psychology 3138F/G

3 lecture/discussion hours, 0.5 course.

Psychology 3580F/G

2 lecture hours, 2 laboratory hours, 0.5 course.

Psychology 3780F/G

2 lecture hours, 2 laboratory hours, 0.5 course.

Psychology 3800F/G

2 lecture hours, 2 laboratory hours, 0.5 course.

Psychology 3840F/G

3 lecture hours, 0.5 course.

SOCIOLOGY

Effective **September 1, 2011**, the following modules in the Department of Sociology will be updated to reflect the addition of a "Note" for those pursuing a Honors Double Major:

MAJOR IN SOCIOLOGY

Note: Students including a Sociology Major to form part of an Honors double major will be required to complete Sociology 3404F/G and either Sociology 3306A/B or Sociology 3307F/G. These students will be required to fulfill only 1.0 credit from the required 2.0 courses at the 2200 – 2999 level section of the Sociology major module.

MAJOR IN CRIMINOLOGY

Note: Students enrolled in a Major Module in Criminology to form part of an Honors double major will be required to complete Sociology 3404F/G and either Sociology 3306A/B or Sociology 3307F/G. These students will need only 1.0 credit from the required 2.0 courses at the 2200-2999 level section of the Major in Criminology module.

MAJOR IN SOCIOLOGY OF HEALTH AND AGING

Note: Students enrolled in a Major Module in Sociology of Health and Aging to form part of an Honors double major will be required to complete Sociology 3404F/G and either Sociology 3306A/B or Sociology 3307F/G. These students will need only 1.5 credits from the required 2.5 courses from: section of the Major in Sociology of Health and Aging module.

Effective **September 1, 2011**, Sociology 4404F/G will be withdrawn from the following modules in the Department of Sociology in the Faculty of Social Science, as follows:

HONORS SPECIALIZATION IN POPULATION STUDIES

Module

9.0 courses:

4.5 courses: Sociology 2205A/B and 2206A/B (or the former Sociology 231), Sociology 2232 (or the former Sociology 232E), the former Sociology 3300A/B, the former Sociology 3302A/B, Sociology 4406F/G, 4441A/B.

HONORS SPECIALIZATION IN THE SOCIOLOGY OF HEALTH AND AGING

Module

9.0 courses:

4.5 courses: Sociology 2202, Sociology 2205A/B and 2206A/B (or the former Sociology 231), Sociology 2246A/B, 2247A/B, the former Sociology 3300A/B, the former Sociology 3302A/B.

BRESCIA UNIVERSITY COLLEGE

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective **September 1, 2011**, the following courses will be withdrawn from course offerings in Management and Organizational Studies, Faculty of Social Science at Brescia University College:

MOS 3310A/B: Finance for Management and Organizational Studies

MOS 3320A/B: Marketing for Management and Organizational Studies

Effective **September 1, 2011**, the following course offerings be introduced in Management and Organizational Studies, Faculty of Social Science at Brescia University College:

Management and Organizational Studies 2310A/B: Finance for Management and Organizational Studies

This course provides overview of issues in financial management and corporate finance. Students will learn how financial managers make investment, financing and other decisions and the tools they use to make such decisions. Topics covered include time value of money, risk, valuation, capital structure, dividend policy and other selected issues.

Antirequisite(s): Actuarial Science 2555A/B and the former MOS 3310A/B.

Prerequisite(s): MOS 1020A/B or both MOS 1021A/B and 1023A/B and enrolment in BMOS.

3 lecture hours, 0.5 course.

Note: * Students interested in pursuing an HBA Degree at the Richard Ivey School of Business should not take this course in second year as Ivey does not recognize this course as part of the HBA degree.

(Brescia)

Management and Organizational Studies 2320A/B: Marketing for Management and Organizational Studies

An introduction to the role of marketing in the organization including information systems, corporate strategy, opportunities assessment, product differentiation, pricing strategies, distribution, communication and advertising.

Antirequisite(s): The former MOS 3320A/B.

Pre-or Corequisite(s): MOS 1020A/B or both MOS 1021A/B and 1023A/B and enrolment in BMOS or Music Administrative Studies (MAS).

3 lecture hours, 0.5 course.

Note: Students interested in pursuing an HBA Degree at the Richard Ivey School of Business should not take this course in second year as Ivey does not recognize this course as part of the HBA degree.

(Brescia)

HURON UNIVERSITY COLLEGE

FRENCH

Effective **September 1, 2011**, Huron University College will introduce the following new second-year half courses in French as alternatives to the current full-year courses:

French 2605F/G: Reading Cultures I

This course enables students to master literary reading, including the understanding of the major aspects of French and Francophone literatures and cultures, their particular histories as well as their relationship to the larger discipline of arts and humanities. The course provides tools for textual analysis, and improves written and oral communication in French.

Antirequisite(s): French 2600E.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

French 2606F/G: Reading Cultures II

This course enables students to master literary reading, including the understanding of the major aspects of French and Francophone literatures and cultures, their particular histories as well as their relationship to the larger discipline of arts and humanities. The course provides tools for textual analysis, and improves written and oral communication in French.

Antirequisite(s): French 2600E.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

French 2905A/B: Language and Reading

Intensive grammar review with an emphasis on textual analysis and understanding various forms of writing. One hour oral practice in the language laboratory.

Antirequisite(s): French 2101, 2900.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 or 4 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

French 2906A/B: Language and Expression

A review of selected elements of grammar with an emphasis on written and oral expression. One hour oral practice in the language laboratory.

Antirequisite(s): French 2101, 2900.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 or 4 lecture/tutorial hours, 0.5 course.
(Brescia, Huron, King's)

*Effective **September 1, 2011**, the Department of French and Asian Studies remove the I and II from the titles of French 2107A/B and 2108A/B and change the prerequisites of these two courses so that they explicitly mention the relevant high school or university French course(s) required for these conversation courses:*

French 2107A/B: Improving Spoken French

Practice in speaking and understanding French through small group discussions as well as work on pronunciation, comprehension, and vocabulary. Techniques for expressing oneself clearly, accurately and effectively will be stressed. The class will be divided into 2 groups; one for intermediate level speakers, and one for advanced.

Prerequisite(s): Ontario Grade 12 French (Core, Extended, Immersion) or equivalent or French 1010, or permission of the Department of French and Asian Studies.

3 lecture/tutorial/lab hours, 0.5 course.
(Huron)

French 2108A/B: Improving Spoken French

Practice in speaking and understanding French through small group discussions as well as work on pronunciation, comprehension and vocabulary. Techniques for expressing oneself clearly, accurately and effectively will be stressed. The class will be divided into 2 groups; one for intermediate level speakers, and one for advanced.

Prerequisite(s): Ontario Grade 12 French (Core, Extended, Immersion) or equivalent or French 1010 or permission of the Department of French and Asian Studies.

3 lecture/tutorial/lab hours, 0.5 course.
(Huron)

*Effective **September 1, 2011**, the existing prerequisites for French 3206A/B, French 3301A/B, French 3752F/G and French 3753F/G be updated:*

French 3206A/B: French for Liberal Arts Professions

Prerequisite(s): French 2900, or both of French 2905A/B and 2906A/B, or permission of the Department of French and Asian Studies.

3 lecture/tutorial hours, 0.5 course.
(Huron)

French 3301A/B: Contemporary Language Translation

Prerequisite(s): French 2900, or both of French 2905A/B and 2906A/B, or permission of the Department of French and Asian Studies.

3 hours, 0.5 course.
(Huron)

French 3752F/G: Topics in Francophone Literature and Film

Prerequisite(s): French 2600E, or both of French 2605F/G and 2606F/G, or permission of the Department of French and Asian Studies.

3 lecture/tutorial hours, 0.5 course.
(Huron)

French 3753F/G: French and Francophone Literature Written for Children and Young Adults

Prerequisite(s): French 2600E, or both of French 2605F/G and 2606F/G, or permission of the Department of French and Asian Studies.

3 hours, 0.5 course.
(Huron)

Effective **September 1, 2011**, *Economics 3386A/B: Time Series Analysis and Forecasting* will be introduced at King's University College:

Economics 3386A/B: Time Series Analysis and Forecasting

This course presents econometrics models and techniques that are widely used in modern time series econometrics. Topics will include uni-route test, integration, co-integration, and forecasting.

Antirequisite(s): Statistical Sciences 4861A/B

Prerequisite(s): Economics 2223A/B

3 hours, 0.5 course.

(King's)

MODERN LANGUAGES

Effective **September 1, 2011**, *French 2605F/G, 2606F/G, 2905A/B, and 2906A/B* be at King's University College:

French 2605F/G: Reading Cultures I

This course enables students to master literary reading, including the understanding of the major aspects of French and Francophone literatures and cultures, their particular histories as well as their relationship to the larger discipline of arts and humanities. The course provides tools for textual analysis, and improves written and oral communication in French.

Antirequisite(s): French 2600E.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

French 2606F/G: Reading Cultures II

This course enables students to master literary reading, including the understanding of the major aspects of French and Francophone literatures and cultures, their particular histories as well as their relationship to the larger discipline of arts and humanities. The course provides tools for textual analysis, and improves written and oral communication in French.

Antirequisite(s): French 2600E.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

French 2905A/B: Language and Reading

Intensive grammar review with an emphasis on textual analysis and understanding various forms of writing. One hour oral practice in the language laboratory.

Antirequisite(s): French 2101, 2900.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 or 4 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

French 2906A/B: Language and Expression

A review of selected elements of grammar with an emphasis on written and oral expression. One hour oral practice in the language laboratory.

Antirequisite(s): French 2101, 2900.

Prerequisite(s): French 1900E or French 1910 or permission of the Department of Modern Languages, based on Placement Test.

3 or 4 lecture/tutorial hours, 0.5 course.

(Brescia, Huron, King's)

PSYCHOLOGY

Effective **September 1, 2011**, the following courses will be withdrawn from offerings at King's University College:

Psychology 4990F/G: Special Topics in Psychology

Psychology 4991F/G: Special Topics in Psychology

Effective **September 1, 2011**, Psychology 4993F/G and 4994F/G, both titled *Special Topics in Psychology*, will be introduced at King's University College:

Psychology 4993F/G: Special Topics in Psychology

Selected topics of current interest in Psychology. Topic available in Department.

Prerequisite(s): Fourth year Honors Specialization Psychology status.

3 seminar hours, 0.5 course.

(King's)

Psychology 4994F/G: Special Topics in Psychology

Selected topics of current interest in Psychology. Topic available in Department.

Prerequisite(s): Fourth year Honors Specialization Psychology status.

3 seminar hours, 0.5 course.

(King's)

THANATOLOGY

Effective **September 1, 2011**, Thanatology 3311F/G *Social and Political Discourse in Thanatology* be introduced at King's University College:

Thanatology 3311F/G: Social and Political Discourse in Thanatology

Students will have an opportunity to become familiar with critical theory concepts as they relate to Thanatology, examine the underpinnings of critical theory, and explore topics such as social class structure, social and political institutions, and social policy relevant to Thanatology.

Prerequisite(s): Thanatology 2200 and 3322A/B with a minimum grade of 70%.

3.0 lecture hours, 0.5 course.

(King's)

Effective **September 1, 2011**, Thanatology 4401F/G: *Research Methods in Thanatology* be introduced at King's University College:

Thanatology 4401F/G: Research Methods in Thanatology

Students will review Thanatology research literature to become familiar with the most common measures utilized, explore conditions of study that are more appropriate for quantitative, qualitative, or mixed methods methodology. Recent Thanatology research that is controversial or notable in its contribution to the field will be discussed.

Prerequisite(s): Interdisciplinary Studies 3310F/G, and registration in year three or four of an Honors Double Major in Thanatology.

3.0 lecture hours, 0.5 course.

(King's)

Effective **September 1, 2011**, Thanatology 4402F/G: *Field Research Methods in Thanatology* be introduced at King's University College:

Thanatology 4402F/G: Field Research in Thanatology

This course will build on knowledge developed in Thanatology 4401F/G, allowing students the opportunity to develop their own design and methodology in a Thanatology related context, and gain experience in the implementation of a research design, along with the reporting and documentation of findings.

Prerequisite(s): Thanatology 4401F/G and registration in year three or four of an Honors Double Major in Thanatology.

3.0 lecture hours, 0.5 course.

(King's)

REGISTRAR'S UPDATE

Unless otherwise indicated, the following changes are effective September 1, 2010.

Throughout the Academic Calendar all references to OAC courses have been removed, since the OAC curriculum has not been in place since 2002.

FACULTY OF HEALTH SCIENCES

SCHOOL OF HEALTH STUDIES

Update the Admission Requirements to reflect the changes to first year Biology and Chemistry courses by changing "Biology 1222 or 1223" to "Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223" and "Chemistry 1050 or the former 1020 or 023" to "Chemistry 1100A/B and 1200B, or the former Chemistry 1050, 1020 or 023":

HONORS SPECIALIZATION IN COMMUNITY RURAL HEALTH DEVELOPMENT

Admission Requirements

Completion of Health Sciences 1001A/B, Health Sciences 1002A/B, Sociology 1020 or 1021E, and Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223, with an average of at least 70% in each of the 3.0 courses, no principal course below 60%, and no failures.

HONORS SPECIALIZATION IN HEALTH SCIENCES

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 2.0 principal courses with no mark in these principal courses below 60% including:

Health Sciences 1001A/B;

Health Sciences 1002A/B;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223

Students are advised to consult with an academic counsellor prior to selecting their first-year courses to ensure that the appropriate prerequisite courses have been selected to allow registration in courses at the 2000 level or above.

HONORS SPECIALIZATION IN HEALTH SCIENCES - HEALTH PROMOTION

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 2.0 principal courses with no mark in these principal courses below 60% including:

Health Sciences 1001A/B;

Health Sciences 1002A/B;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223.

HONORS SPECIALIZATION IN HEALTH SCIENCES WITH BIOLOGY

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 5.0 principal courses, with no mark in these principal courses below 60%, including:

Health Sciences 1001A/B;

Health Sciences 1002A/B;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223 or 026;

Chemistry 1100A/B and 1200B, or the former Chemistry 1050, 1020 or 023;

1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Calculus 1000A/B, 1301A/B, 1501A/B, Mathematics 1228A/B, the former Mathematics 030. Mathematics 1600A/B or the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B. If not completed in first year, the mathematics requirement must be completed by the end of second year.

HONORS SPECIALIZATION IN REHABILITATION SCIENCES

Admission Requirements

Health Sciences 1001A/B with a minimum grade of 70%;

Health Sciences 1002A/B with a minimum grade of 70%;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223 or 026;

1.0 course from: Psychology 1000, the former Psychology 1200, Sociology 1020, 1021E, Anthropology 1025F/G, 1026F/G, 1027A/B.

1.0 course from Physiology 1021, 2130, or equivalent; If not completed in first year, the Physiology requirement must be completed by the end of second year.

Enrollment in Bachelor of Health Sciences Program.

Enrollment is limited. Meeting the minimum requirements does not guarantee admission.

MAJOR IN HEALTH SCIENCES

Admission Requirements

Completion of first-year requirements including:

Health Sciences 1001A/B with a mark of at least 60%;

Health Sciences 1002A/B with a mark of at least 60%;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223.

MAJOR IN REHABILITATION SCIENCES

Admission Requirements

Health Sciences 1001A/B and 1002A/B, or Kinesiology 1080A/B and 1088A/B, with a mark of at least 70%;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223;

1.0 course from Psychology 1000, the former Psychology 1200, Sociology 1020, 1021E, Anthropology 1025F/G, 1026F/G, 1027A/B.

1.0 course from Physiology 1021, 2130, or equivalent. If not completed in first year, the Physiology requirement must be completed by the end of second year.

Enrollment in Bachelor of Health Sciences or Kinesiology program.

Enrollment is limited. Meeting the minimum requirement does not guarantee admission.

SPECIALIZATION IN HEALTH SCIENCES

Admission Requirements

Completion of first-year requirements including:

Health Sciences 1001A/B with a mark of at least 60%;

Health Sciences 1002A/B with a mark of at least 60%;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223.

SCHOOL OF KINESIOLOGY

Update the Admission Requirements to reflect the changes to first year Biology and Chemistry courses by changing "Biology 1222 or 1223" to "Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223" and "Chemistry 1050 or the former 1020 or 023" to "Chemistry 1100A/B and 1200B, or the former Chemistry 1050, 1020 or 023":

HONORS SPECIALIZATION IN KINESIOLOGY - BSc

Admission Requirements

Completion of first year requirements with no course grade less than 60% on a full course load. Students must have an average of at least 70% in 5.0 course load and 70% in 4.0 principal courses, with no mark in these principal courses below 60%, including: Kinesiology 1080A/B and 1088A/B; Physiology 1021; and 2.0 courses from: Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223; Chemistry 1100A/B and 1200B, or the former Chemistry 1050, 1020 or 023; the former Mathematics 030 or 031 or 1.0 course from Applied Mathematics 1201A/B or the former Calculus 1201A/B, Calculus 1000A/B, 1301A/B, 1501A/B, the former Linear Algebra 1600A/B, or Mathematics 1120A/B, 1228A/B, 1600A/B; Statistical Sciences 1024A/B; Physics 1028A/B and 1029A/B, the former 1020, 1024; Computer Science 1025A/B or 1026A/B and 1027A/B.

MAJOR IN REHABILITATION SCIENCES

Admission Requirements

Health Sciences 1001A/B and 1002A/B, or Kinesiology 1080A/B and 1088A/B, with a mark of at least 70%;

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223;

1.0 course from Psychology 1000, the former Psychology 1200, Sociology 1020, 1021E, Anthropology 1025F/G, 1026F/G, 1027A/B.

1.0 course from Physiology 1021, 2130, or equivalent. If not completed in first year, the Physiology requirement must be completed by the end of second year.

Enrollment in Bachelor of Health Sciences or Kinesiology program.

Enrollment is limited. Meeting the minimum requirement does not guarantee admission.

FACULTY OF SCIENCE

BIOINFORMATICS

Replace "or the former Statistical Sciences 2122A/B" with "or Statistical Sciences 2244A/B, or the former Statistical Sciences 2122A/B" in the Honors Specialization in Bioinformatics (Biochemistry Concentration):

HONORS SPECIALIZATION IN BIOINFORMATICS (BIOCHEMISTRY CONCENTRATION)

0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B or the former Statistical Sciences 2122A/B.

Replace "the former 2122A/B, 2657A" with "2244A/B or 2857A/B, or the former Statistical Sciences 2122A/B, 2657A" in the Honors Specialization in Bioinformatics (Computer Science Concentration):

HONORS SPECIALIZATION IN BIOINFORMATICS (COMPUTER SCIENCE CONCENTRATION)

0.5 course from: Statistical Sciences 2141A/B, 2244A/B or 2857A/B, or the former Statistical Sciences 2122A/B, 2657A, Biology 2244A/B.

CHEMISTRY

In the Antirequisites section of the following course descriptions, replace "the former Chemistry 1050, 1020 or 021, 023, 025" with "Chemistry 1100A/B and Chemistry 1200B or the former Chemistry 1050, 1020 or 021, 023, 025":

Chemistry 1024A/B: Chemistry for Engineers

Antirequisite(s): Chemistry 1100A/B and Chemistry 1200B or the former Chemistry 1050, 1020 or 021, 023, 025.

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

Chemistry 1027A/B: Chemistry in the News

Antirequisite(s): Chemistry 1100A/B and Chemistry 1200B, or Chemistry 1024A/B, or the former Chemistry 1050, 1020 or 021, 023, 025.

2 lecture hours, 1 laboratory/tutorial/demonstration hour, 0.5 course.

In the Prerequisites section of the following course descriptions, replace "Chemistry 1024A/B or the former 1050 or 1020 or 023" with "Chemistry 1100A/B and Chemistry 1200B, or Chemistry 1024A/B or the former Chemistry 1050 or 1020 or 023":

Chemistry 2210A/B: Chemistry of the Environment

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B, or Chemistry 1024A/B or the former Chemistry 1050 or 1020 or 023.

3 lecture hours, 0.5 course.

Chemistry 2213A/B: Organic Chemistry for Life Sciences

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B, or Chemistry 1024A/B or the former 1050 or 1020 or 023.

3 lecture hours, 1.5 laboratory hours (3 hours every other week) 0.5 course.

In the Prerequisites section of the following course descriptions, replace "the former Chemistry 1050" with "Chemistry 1100A/B and Chemistry 1200B, or the former Chemistry 1050 or 1020 or 023":

Chemistry 2211A/B: Inorganic Elements in Life

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B, or the former Chemistry 1050 or 1020 or 023. (Grade 12U Biology or a Year 1 University Biology course is highly recommended as preparation for this course.)

3 lecture hours, 0.5 course.

Chemistry 2214A/B: Physical Chemistry for Life Sciences

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B, or the former Chemistry 1050 or 1020 or 023; 1.0 course from Calculus 1000A/B or Calculus 1100A/B plus 0.5 course from Calculus 1201A/B, 1301A/B, 1501A/B or Mathematics 1600A/B, the former Linear Algebra 1600A/B; or Applied Mathematics 1413; or Mathematics 1225A/B plus 1229A/B; or Mathematics 1225A/B plus Calculus 1201A/B; or the former Mathematics 030.

3 lecture hours, 1.5 laboratory hours (3 hours every other week) 0.5 course.

Chemistry 2272F: Introductory Analytical Chemistry

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B, or the former Chemistry 1050 or 1020 or 023.
3 lecture hours, 3 laboratory hours, 0.5 course.

In the Prerequisites section of the following course description, replace "Chemistry 1050 with a minimum mark of 60%" with "Chemistry 1100A/B and Chemistry 1200B with a minimum average of 60% or the former Chemistry 1050 with a minimum mark of 60% or..."[leave the rest unchanged]:

Chemistry 2271A: Structure and Bonding in Inorganic Chemistry

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B with a minimum average of 60% or the former Chemistry 1050 with a minimum mark of 60% or the former Chemistry 1020 with a minimum mark of 60% or the former Chemistry 023 with a minimum mark of 70%.
3 lecture hours per week, 1.5 laboratory hours (3 hours every other week), 0.5 course.

At the beginning of the Prerequisites section of the following course description, insert "Chemistry 1100A/B and Chemistry 1200B with a minimum average of 60% or". [leave the rest as it is]:

Chemistry 2273A: Organic Chemistry I: Structure and Spectroscopy

Prerequisite(s): Chemistry 1100A/B and Chemistry 1200B with a minimum average of 60% or the former Chemistry 1050 with a minimum mark of 60% or the former Chemistry 1020 with a minimum mark of 60% or the former Chemistry 023 with a minimum mark of 70%.
3 lecture hours, 1.5 laboratory hours/week (3 hours every other week), 0.5 course.

COMPUTER SCIENCE

Replace "Statistical Sciences 2122A/B, 2141A/B, the former 2657A" with "Statistical Sciences 2141A/B, 2244A/B, 2857A/B, or the former Statistical Sciences 2122A/B, 2657A" in the following modules (Honors Specialization in Computer Science, Honors Specialization in Information Systems, and Specialization in Computer Science):

HONORS SPECIALIZATION IN COMPUTER SCIENCE

0.5 course from: Statistical Sciences 2141A/B, 2244A/B, 2857A/B, or the former Statistical Sciences 2122A/B, 2657A, Biology 2244A/B.

HONORS SPECIALIZATION IN INFORMATION SYSTEMS

0.5 course from**: Biology 2244A/B, Statistical Sciences 2141A/B, 2244A/B, 2857A/B, or the former Statistical Sciences 2122A/B, 2657A.

SPECIALIZATION IN COMPUTER SCIENCE

0.5 course from: Statistical Sciences 2141A/B, 2244A/B, 2857A/B, or the former Statistical Sciences 2122A/B, 2657A, Biology 2244A/B.

Replace "Statistical Sciences 2122A/B or 2141A/B" with "Statistical Sciences 2141A/B or 2244A/B" in the Prerequisites section of the course description for Computer Science 4412A/B:

Computer Science 4412A/B: Data Mining and its Applications

Prerequisite(s): Computer Science 3319A/B and 3346A/B; Statistical Sciences 2141A/B or 2244A/B, or Biology 2244A/B.
3 lecture hours, 0.5 course.

EARTH SCIENCES

Replace "or the former Statistical Sciences 2122A/B" with "Statistical Sciences 2244A/B or the former Statistical Sciences 2122A/B" in the following modules:

HONORS SPECIALIZATION IN ENVIRONMENTAL GEOSCIENCE

0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B or the former Statistical Sciences 2122A/B.

SPECIALIZATION IN ENVIRONMENTAL GEOSCIENCE

0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B or the former Statistical Sciences 2122A/B.

Replace "or the former Statistical Sciences 2122A/B" with "2244A/B or the former Statistical Sciences 2122A/B" in the Required Courses 1st Year section of the Honors Earth Sciences Programs:

HONORS EARTH SCIENCE PROGRAMS

Required Courses 1st Year (common to all programs)

1.0 course from: Biology 1001A, 1002B, 1201A, 1202B or the former Biology 1222, 1223, Computer Science 1025A/B, 1026A/B, 1027A/B, 1032A/B, Calculus 1301A/B, 1501A/B, Mathematics 1225A/B, 1229A/B, Statistical Sciences 1023A/B, 1024A/B, 2244A/B or the former Statistical Sciences 2122A/B, Earth Sciences 2222A/B, Geography 2210A/B.

Replace "Linear Algebra 1600A/B" with "Mathematics 1600A/B or the former Linear Algebra 1600A/B" in the Prerequisites section of the following courses:

Earth Sciences 2222A/B: Data Analysis and Signal Processing in the Sciences

Prerequisite(s): 1.0 course from Mathematics 1225A/B, 1228A/B, 1229A/B, Applied Mathematics 1411A/B, 1413, Calculus 1000A/B or 1100A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.
2 lecture hours, 3 laboratory hours, 0.5 course.

Earth Sciences 3320A/B: Environmental and Exploration Geophysics II

Prerequisite(s): At least 0.5 course from Mathematics 1225A/B, Applied Mathematics 1411A/B or 1413, Calculus 1000A/B or 1100A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.
2 lecture hours, 3 laboratory hours, 0.5 course.

Earth Sciences 3340A/B: Watershed Hydrology

Prerequisite(s): 1.0 course from Mathematics 1225A/B, 1228A/B, 1229A/B or the former Mathematics 030, Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1411A/B, 1413, Calculus 1000A/B or 1100A/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, or Statistical Sciences 1023A/B, 1024A/B; or permission of the Department.
2 lecture hours, 2 laboratory hours, 0.5 course.

ENVIRONMENTAL SCIENCE

Replace "the former 2122A/B" with "2244A/B or the former Statistical Sciences 2122A/B" in the following modules:

HONORS SPECIALIZATION IN ENVIRONMENTAL SCIENCE

0.5 course from: Biology 2244A/B, Statistical Sciences 2141A/B, 2143A/B, 2244A/B or the former 2122A/B, Psychology 2810 (Module will be 9.5 courses if Psychology 2810 is taken).

MAJOR IN ENVIRONMENTAL SCIENCE

0.5 course from: Biology 2244A/B, Statistical Sciences 2141A/B, 2143A/B, 2244A/B or the former 2122A/B, Psychology 2810 (Module will be 6.5 courses if Psychology 2810 is taken).

SPECIALIZATION IN ENVIRONMENTAL SCIENCE

0.5 course from: Biology 2244A/B, Statistical Sciences 2141A/B, 2143A/B, 2244A/B or the former 2122A/B, Psychology 2810 (Module will be 9.5 courses if Psychology 2810 is taken).

MINOR IN ENVIRONMENTAL SCIENCE

0.5 course from: Biology 2244A/B, Statistical Sciences 2141A/B, 2143A/B, 2244A/B or the former 2122A/B, Psychology 2810 (Module will be 4.5 courses if Psychology 2810 is taken).

FACULTY OF SOCIAL SCIENCE

GEOGRAPHY

Effective **September 1, 2011**, the Major in Physical Geography module will be updated to reflect the withdrawal of Biology 1222 and 1223 and the introduction of Biology 1001A, 1002B, 1201A and 1202B, as follows:

MAJOR IN PHYSICAL GEOGRAPHY

Admission Requirements

Completion of first-year requirements, including 1.0 course from the following with a minimum mark of 60% in the course(s) taken: Geography 1100, 1300A/B, 1400F/G, 1500F/G, the former Geography 020E, Earth Sciences 1022A/B, 1023A/B, Environmental Science 1021F/G, Biology 1001A, 1002B, 1201A, 1202B, the former Biology 1222, 1223.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Update all modules for Management in Organizational Studies to specify under Admission Requirements that the 1.0 course from: Anthropology, Geography, History, Political Science, Psychology, Sociology and Women's Studies should be numbered 1000-1999 to read:

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

BRESCIA UNIVERSITY COLLEGE

FOOD AND NUTRITION

Update the Admission Requirements to reflect the changes to first year Chemistry courses by changing "Chemistry 1050 or the former 1020 or 023" to "Chemistry 1100A/B and 1200B, or the former Chemistry 1050, 1020 or 023":

HONORS SPECIALIZATION IN NUTRITION AND DIETETICS

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 4.0 courses with no mark below 60%:

Chemistry 1100A/B and 1200B or the former 1050, 1020 or 023.
 Biology 1290B
 Foods and Nutrition 1030E or the former 025a/b and Human Ecology 022F/G
 Business Administration 1220
 Computer Science 1032A/B or 1033A/B

HONORS SPECIALIZATION IN FOOD SCIENCE AND TECHNOLOGY

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 5.0 courses with no mark below 60%:

Chemistry 1100A/B and 1200B or the former 1050, 1020 or 023
 Biology 1290B
 Foods and Nutrition 1030E
 Business Administration 1220
 Computer Science 1032A/B
 Calculus 1000A/B or 1100A/B or Mathematics 1225A/B
 Physics 1028A/B

SPECIALIZATION IN FOODS AND NUTRITION

Admission Requirements

Completion of first year requirements with no failures. Students must have an average of at least 68% in the following 4.0 courses:

Chemistry 1100A/B and 1200B or the former 1050, 1020 or 023
 Biology 1290B
 Foods and Nutrition 1030E or the former 025a/b and Human Ecology 022F/G
 Business Administration 1220
 Computer Science 1032A/B or 1033A/B

MINOR IN FOODS AND NUTRITION

Admission Requirements

Completion of first-year requirements in the Health Sciences or Kinesiology program with an average of 70% and no failures. Students must have an average of at least 70% in 3.0 courses including Foods and Nutrition 1021 with a mark of at least 70%, and Chemistry 1100A/B and 1200B or the former 1050, 1020 or 023 with a mark of at least 60%. Enrolment is limited and meeting the minimum requirements does not guarantee acceptance into the module.