

The following proposals, received on DAP between May 16-31, 2013, have been approved.
For more information on the DAP process, see the Academic Handbook at www.uwo.ca/univse/handbook.

FACULTY OF ARTS AND HUMANITIES

FILM STUDIES

Effective **September 1, 2013**, *Film Studies 2153A/B: American Television and Culture* and *Film Studies 3365F/G: Quality Television in the U.S.*, will be introduced as regular course offerings in the Faculty of Arts and Humanities.

Film Studies 2153A/B: American Television and Culture

This course examines the history, technology, and forms of television in the U.S. The course analyzes distinctive elements of televisual form (flow, liveness, seriality, advertising); TV's key genres (soap, sitcom, drama, news, reality); modes of reception (fandom, distraction, surfing); as well as television's construction of social difference in America.

Antirequisite(s): The former Film Studies 2194A/B if taken in 2009-10.

3 lecture hours, 0.5 course

Film Studies 3365 F/G: Quality Television in the U.S

This course investigates key periods, forms, and figures in American quality television. Topics include how television has been framed in relation to literature, theater, and cinema; how quality television engages with cultural hierarchies; the role of cable TV; and quality television's attention to social conflicts and debates in postwar American culture.

Antirequisite(s): The former Film Studies 3360 F/G if taken in 2010-11.

Prerequisite(s): Film Studies 1020E or permission of the Department

3 lecture hours, 0.5 course

MODERN LANGUAGES AND LITERATURES

Effective **September 1, 2013**, the following be introduced as part of the German course offerings in the Department of Modern Languages and Literatures on Main Campus. This proposal was withdrawn while new German Studies modules were sent to SCAPA. Following SCAPA approval, the courses have been re-added to DAP.

GER 2140 F/G –German-Jewish Literature

Explore the rich heritage of Jewish life in the German-speaking world, concentrating primarily on literary works by 20th-century Jewish writers such as Kafka, Seghers, Celan and Becker in connection to the key events and ideas of the times. Taught in English.

3 hours, 0.5 course.

GER 2215 F/G – Exploring German Cultures

In this first encounter with German literary, visual and performing arts, students investigate key persons, places, times and issues, such as Goethe, Berlin, WWII, and Turkish-German relations. This course offers a practical introduction to research in German studies. Team-taught in German by one core professor with different specialists.

Pre-or Corequisite(s): German 2200, 2200W/X or permission of the Department.

3 hours, 0.5 course.

GER 2220 A/B – German Conversation

Guided conversations in German dealing with the current issues in Austria, Germany and Switzerland. Students will develop their communicative skills in German through discussion of a variety of topics, ranging from social and political issues to TV and pop culture, fashion, food, sports.

Pre-or Corequisite(s): German 2200, 2200W/X or permission of the Department.

3 hours, 0.5 course. Taken in second or third year.

GER 2240 F/G – German Thought and Culture of Provocation

Engage critically with thinkers such as Kant, Marx, Nietzsche, Freud and Riefenstahl by discussing philosophical and political essays, manifestos, and other documents from the Enlightenment to the present. This course explores how ideas in the German-speaking world have contributed to the values and principles of modern societies. Taught in English.

3 hours, 0.5 course.

GER 2251 F/G – German Fairy Tales

Discover German folk tales collected by the brothers Grimm and literary fairy tales, such as those by Tieck, Fouqué, Hoffmann and Hauff, and investigate the relationship of these classic German fairy tales to modern children's literature and film. Taught in English and German.

Pre-or Corequisite(s): German 2200, 2200W/X or permission of the Department.

3 hours, 0.5 course.

GER 2252 F/G - Nature and Environment in German Literature, Thought and Culture

Examine a long "green" tradition reflected in arts, literature and public debate. Consider diverse attitudes to the natural environment from the Enlightenment, Romantic period, industrialization, urbanization to present day concerns and controversies. Taught in English and German.

Pre-or Corequisite(s): German 2200, 2200W/X or permission of the Department.

3 hours, 0.5 course.

GER 2270 A/B – 2273 A/B Special Topics in German Language and Culture

Special credit for German studies at authorized universities or institutions in approved programs. Not taught on campus.

Prerequisite(s): German 1030, 1030W/X or permission of the Department.

3 hours, 0.5 course.

GER 2500 F/G - Bridging Classroom and Community: Languages and Cultures in Action

Develop intercultural competence by examining individual experiences of learning and maintaining language and of integrating cultural heritage. Connect in-class learning about language acquisition, identity, memory and related issues with service-learning projects in London or the surrounding region. Taught in English and German.

Antirequisite(s): Italian 2500 F/G, Spanish 2500 F/G

Prerequisite(s): permission of the Department.

3 lecture hours, 0.5 course.

GER 3305 - Advanced German

Speak and write more fluently and express yourself more idiomatically and with greater precision. Materials and topics will be drawn from authentic sources such as articles, websites, film and literature. The course will also review the more challenging points of German grammar and provide an introduction to translation into German.

Prerequisite(s): German 2200, 2200 W/X or permission of the Department.

4 hours, 1.0 course.

GER 3320A/B – Business German

Acquire the linguistic skills and practical knowledge required to work in a German-speaking setting. You will practice the language of business and study inter-cultural differences by completing real-world tasks like resumes, correspondence or presentations. Taught in German.

Corequisite(s): German 3305 or permission of the Department.

3 hours, 0.5 course.

GER 3321A/B – German Cinema: Culture and Conversation

Develop familiarity with the history and culture of Germany through a selection of German films. Improve your speaking skills through pre- and post-viewing activities, class discussions, and short writing assignments.

Taught in German.

Prerequisite(s): German 2200 or permission of the Department.
3 hours, 0.5 course.

GER 3325F/G –German through Performance

This course uses experiential learning to improve writing and oral skills through the preparation and performance of a German (radio) play or theatre production. Develop a script based on a German literary text, learn about theoretical and technical aspects of (radio) theatre and create a workshop production. Taught in German.

Prerequisite(s): German 2200 or permission of the Department.
3 hours, 0.5 course.

GER 3330F/G - Modernity and Modernism in German Literature and Culture

Explore ideas and visions of modernity in late 19th-century and 20th-century German culture and literature (e.g. Rilke, Kafka, Hesse). This course will examine aesthetic responses to achievements and catastrophes of the new world that emerged during this crucial period in European history. Taught in German.

Prerequisite(s): German 2215F/G

Pre-or Corequisite(s): German 3305 or permission of the Department.
3 hours, 0.5 course.

GER 3331F/G - Uncanny German Stories: from the Extraordinary to the Supernatural

Delve into the mysterious worlds of the novella and short story in the 19th and 20th centuries. Unravel enigmas on the level of language, form and content in famous stories by authors such as Hoffmann, Storm, Droste-Hülshoff, Kafka, Mann, Dürrenmatt, Schlink. Taught in German.

Prerequisite(s): German 2215F/G

Pre-or Corequisite(s): German 3305 or permission of the Department.
3 hours, 0.5 course.

GER 3355F/G – Vienna 1900/2000

Contemplate continuities and discontinuities in Viennese life, literature, and culture during the Habsburg Empire and a century later as part of the European Union. Immerse yourself in the world of Freud, Schnitzler, Wittgenstein and Klimt, and their modern counterparts from Bernhard to Hundertwasser. Taught in English and German.

Antirequisite(s): the former German 3333 F/G

Prerequisite(s): German 2200, 2215F/G, or permission of the Department.
3 hours, 0.5 course.

GER 3356F/G – Berlin Snapshots

Examine “snapshots” of Berlin during its history of continuous transformation: as capital of Empire, Weimar Republic, Third Reich, and as a cosmopolitan centre in present-day Europe. We will study visual media including maps, photographs, film, video art, and texts including poems, essays, and short stories. Taught in English and German.

Antirequisite(s): German 3360F/G if taken in 2012, 2008

Prerequisite(s): German 2200, 2215F/G, or permission of the Department.
3 hours, 0.5 course.

GER 3357F/G – German Travel Literature

When you travel, how do you view the world? How does travel change you? Trace evolving perspectives on why, when, where and how travellers have experienced European locations and other destinations. Taught in English and German.

Prerequisite(s): German 2200, 2215F/G, or permission of the Department.
3 hours, 0.5 course.

GER 4400 A/B – Intensive Translation

Practice translating German to English and English to German. This course guides students through the recurring patterns and linguistic problems they need to master. The texts to be translated represent a variety of

contemporary styles and sources. Students will become familiar with some aspects of professional translating.
Pre-or Corequisite(s): German 3305 or permission of the Department.
3 hours, 0.5 course.

GER 4430 F/G- 4439 F/G - Research Seminar: German Masterpieces

This seminar offers the opportunity for focused, advanced study of canonical creative figures and their masterpieces from the German-speaking world. Topics may include performing and literary arts, text-image relationships, epochal questions. Taught in German.

Prerequisite(s): German 2215F/G

Pre-or Corequisite(s): German 3305 or permission of the Department.

3 hours, 0.5 course.

GER 4451F/G – Literature and Culture of the Middle Ages

Study the 12th century revitalized intellectual life in Europe, and the great medieval works of chivalry and romantic love in their cultural context. Gain indepth knowledge of castle and cathedral architecture, fashion, food, travel, sexuality, courtly love, and the hunt in text and image. Taught in English and German.

Antirequisite(s): the former German 3300F/G

Prerequisite(s): German 2215F/G

Pre-or Corequisite(s): German 3305 or permission of the Department

3 hours, 0.5 course.

GER 4452F/G – German Classicism and Romanticism

Classicists and Romantics create competing and complementary artistic visions to make sense of rapid changes in society around 1800. Examine everyday culture, consider conceptions of subjectivity and aesthetic ideals, discuss concepts of genre and reflect on the movements' affinities to media like sculpture and music. Taught in English and German.

Antirequisite(s): the former German 3311 F/G

Prerequisite(s): German 2215F/G

Pre-or Corequisite(s): German 3305 or permission of the Department

3 hours, 0.5 course.

GER 4453F/G – Contemporary Cultures of Unification and Integration in Germany

Study literary texts, films, and popular music informed by German unification, European integration, economic crises, and human migration. This course confronts contemporary questions about citizenship, cultural and religious diversity, nationalism, and German identity in the context of immigration and the intensifying European project. Taught in English and German.

Prerequisite(s): German 2215F/G

Pre-or Corequisite(s): German 3305 or permission of the Department

3 hours, 0.5 course.

GER 4500 F/G – Senior Research Project

In this capstone course, students develop their own research project with a specific historical or geographical perspective centred on a designated general theme. Students work in conjunction with peers and professors and choose their own medium of presentation ranging from the traditional to the experimental.

Antirequisite(s): CLC 4500F/G, Italian 4500F/G, Spanish 4500F/G

Prerequisite(s): 80% minimum average in the German-module courses taken the preceding year and permission of the Department.

0.5 course

*Effective **September 1, 2013**, Persian 1030 – Persian for Beginners be introduced as part of the course offerings in the Department of Modern Languages and Literatures on Main Campus. This proposal was withdrawn and sent to SCAPA to approve the new course subject. Following SCAPA approval, the course has been re-added to DAP.*

Persian 1030 – Persian (Farsi) for Beginners

Introduction of oral and written Persian for students with little or no previous knowledge of the language.

Develop your communicative skills while learning about the cultures of the Persian-speaking countries.

Antirequisite(s): Grade 12U Persian (Farsi)

4 hours, 1.0 course.

PHILOSOPHY

Effective **September 1, 2013**, the following new course will be introduced by the Faculty of Arts and Humanities.

Philosophy 2037F/G: Philosophy and Technology

Today's fast pace of technological change is changing how we interact and communicate with each other and how we think of ourselves. Technology challenges traditional conceptions of development, life, and death, the nature of thought, knowledge, and the human mind. What are the implications of technology in our lives?

3 hours, 0.5 course.

FACULTY OF ENGINEERING

CIVIL AND ENVIRONMENTAL ENGINEERING

Effective **September 1, 2013**, change the admission requirements and the technical electives list of the fourth year program for Option F: Environmental Engineering with International Development.

F. Environmental Engineering with International Development

Admission Requirements

Students entering the Civil and Environmental Engineering with International Development option must have completed the common first-year curriculum of Engineering second-year curriculum of Civil Engineering with a minimum year-weighted average (YWA) of 75%.

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Fourth Year Program

Business Administration 2299E, CEE 4441, CEE 3386A/B, CEE 4404A/B, CEE 4426A/B, CEE 4465A/B, CEE 4478A/B, ES 4498F/G, two 0.5 technical electives.

Technical Electives: Environmental Engineering with International Development Option:

CEE 4405A/B, CEE 4418A/B, CEE 4427A/B, CEE 4428A/B, CEE 4429A/B, CEE 4440, CEE 4458A/B, CEE 4461A/B, CEE 4479A/B, Earth Sciences 4440A/B, Geography 2020A/B, Geography 2030A/B, Geography 2040A/B, Geography 2220A/B, 2230A/B, Centre for Global Studies 2002F/G, Centre for Global Studies 3004A/B.

Effective **September 1, 2013**, change the admission requirements and the technical electives list of the fourth year program for Option G: Structural Engineering with International Development.

Option G: Structural Engineering with International Development

Admission Requirements

Students entering the Structural Engineering with International Development option must have completed the common first-year curriculum in the Faculty of Engineering second-year curriculum of Civil Engineering with a minimum year-weighted average (YWA) of 75%.

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Fourth Year Program

Business Administration 2299E, CEE 4441, 4404A/B, 4426A/B, 4478A/B, 4490, ES 4498F/G, 1.0 two 0.5 technical electives.

Technical Electives: Structural Engineering with International Development Option:

CEE 3355A/B, CEE 4405A/B, CEE 4418A/B, CEE 4427A/B, CEE 4428A/B, CEE 4429A/B, CEE 4440, CEE 4458A/B, CEE 4461A/B, CEE 4465A/B, CEE 4476A/B, CEE 4477A/B, Earth Sciences 3340A/B, 4440A/B, Geography 2020A/B, Geography 2030A/B, Geography 2040A/B, Centre for Global Studies 2002F/G, Centre for Global Studies 3004A/B.

FACULTY OF SCIENCE

COMPUTER SCIENCE

Effective **September 1, 2013**, Computer Science 4475A/B: Open Source Software Project will be introduced in the Department of Computer Science, Faculty of Science, with the following course description.

Computer Science 4475A/B: Open Source Software Project

An examination of large-scale software development in the context of a distributed, multi-university open source software project organized by the Undergraduate Capstone Open Source Projects (UCOSP) initiative (see <http://ucosp.ca> for details). Students will receive practical hands-on experience in working in software development, as well as valuable soft skills and team experience.

Antirequisite(s): Computer Science 4438A/B if taken during the 2012-2013 academic year.

Prerequisite(s): Computer Science 3307A/B or permission of the Department.

3 lecture hours, 0.5 course.

Note: Students must notify the Department of their interest in registration in the course prior to the preceding May 1st for Computer Science 4475A or September 1st for Computer Science 4475B. Registration in the course is conditional and competitive as course costs and coordination are provided by UCOSP. A committee will adjudicate students on the basis of grades in program courses and a statement of interest submitted as part of the application process. Students must be able to travel to an initial meeting at the beginning of the course; in the case that this meeting is outside of Canada, students will need valid travel documentation and must consult with the Department in advance if this is an issue. Costs related to this travel will be reimbursed by UCOSP; details will be provided prior to registration.

EARTH SCIENCES

Effective **September 1, 2013**, a note be added to the Major in Earth & Planetary Sciences alerting students to the 3000-level course requirement for a double major honors degree.

MAJOR IN EARTH & PLANETARY SCIENCES

Admission Requirements

Completion of 5.0 first-year courses.

Module

6.0 courses:

3.0 courses: Earth Sciences 2200A/B, 2201A/B, 2206A/B, 2250Y, 2260A/B, 2265A/B.

0.5 course from: Earth Sciences 3313A/B, 3314A/B, 3315A/B.

1.0 course from: Earth Sciences 2123A/B, 2130Y, 2220A/B, 2230A/B, 2240F/G or 2241A/B.

1.5 additional courses in Earth sciences at the 2000 level or above.

Note: If Earth Sciences 1023A/B has been taken, Earth Sciences 2123A/B cannot be taken. **Students registered in an honors double major degree must complete a minimum of 1.0 courses at the 3000 level for each module.**

Effective **September 1, 2013**, the courses for the Honors Geology Program – for Professional Registration be revised to include ES3341A/B in the Geoscience Course list.

HONORS GEOLOGY PROGRAM - For Professional Registration

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Lists of additional courses required in 3rd or 4th year:

Geoscience Course list: Earth Sciences 3310A/B, 3321A/B, 3340A/B, 3341A/B, 3370A/B, 3371A/B, 3372A/B, 4415A/B, 4431A/B, 4432A/B, 4440A/B, 4460A/B, 4472A/B; Geography 2220A/B.

Open Course list: At least 1.0 at a senior level; the following are recommended for additional geoscience background, but are not required: Earth Sciences 2266F/G, 3369A/B, 4470A/B; Geography 2230A/B, 2310A/B, 2330A/B.

Effective **September 1, 2013**, the course notes for Earth Sciences 2250Y be revised.

Earth Sciences 2250Y – Introductory Field Mapping Techniques

Eleven day field camp in the vicinity of Whitefish Falls, northern Lake Huron. Students will examine Precambrian metasedimentary and Early Paleozoic sedimentary rocks, make a geological map, measure a stratigraphic section and learn techniques of paleocurrent analysis.

Corequisite(s): Earth Sciences 2200A/B and registration in a module or program where Earth Sciences 2250Y is mandatory; or registration in an Earth Sciences Minor and a minimum mark of 60% in Earth Sciences 2200A/B. 11 day field course, 0.5 course

Note: Students must register prior to the September "Add" deadline for full courses (see Undergraduate Sessional Dates). Partial cost of the field expenses must be borne by the student, and is payable to the Department prior to ~~February 28th~~ the September "Add" deadline. The cost per student is ~~\$295 in 2010~~ \$355 in 2014, and will increase by \$15 every year thereafter. Fees are non-refundable in the event of a course drop, except in extenuating circumstances.

Effective **September 1, 2013**, the course notes for Earth Sciences 3350Y be revised.

Earth Sciences 3350Y - Advanced Field Mapping Techniques

Eleven day field school in a deformed metamorphic terrain. Observation and documentation of geological features at outcrops. Three-dimensional thinking and reconstruction of structural geometry. Establishing overprinting relationships among structures. Mapping from mesoscopic to macroscopic scales. Kinematic interpretation and tectonic synthesis of geological data at different scales.

Prerequisite(s): Earth Sciences 2201A/B and 2250Y.

Corequisite(s): Any two of Earth Sciences 3313A/B, 3314A/B, 3315A/B, and registration in the Major in Earth and Planetary Sciences, Specialization in Geology or Honors Specialization in Geology, or in the Honors Geology or Honors Environmental Geoscience Programs for Professional Registration.

11 day field course in May, 0.5 course.

Note: Students must register prior to the September "Add" deadline for full year courses (see Undergraduate Sessional Dates). Partial cost of the field expenses must be borne by the students, and is payable to the Department prior to ~~February 28th~~ the September "Add" deadline. The cost per student is ~~\$295 in 2010~~ \$355 in 2014, and will increase by \$15 every year thereafter. Fees are non-refundable in the event of a course drop, except in extenuating circumstances. Students will receive the maximum subsidy if the course is a requirement for their module. In the case that the course is not a requirement, partial subsidy may be provided depending on the module in which the student is currently enrolled (please contact the Departmental Undergraduate Chair).

Effective **September 1, 2013**, the prerequisite for the following courses be revised.

Earth Sciences 2220A/B - Environmental and Exploration Geophysics I

A brief introduction to applied seismology – the investigation of Earth structure using sound waves in rocks. Topics include: seismic reflection methods, a cornerstone of oil and gas exploration; seismic refraction methods; earthquake seismology. This lab-oriented course will provide hands-on experience with computers and analysis of large digital data sets.

Prerequisite(s): 0.5 course from Calculus 1000A/B, the former Calculus 1100A/B, or Calculus 1500A/B, Mathematics 1225A/B.

2 lecture hours, 3 laboratory hours, 0.5 course.

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

An introduction to data analysis techniques, including but not limited to, filtering, interpolation techniques, transforms, and correlation analyses. A variety of applications from various fields will be used to illustrate these techniques, including earth sciences (seismology), economics (financial data), atmospheric sciences (climate change), medicine (electrocardiograms), and engineering (circuit analysis).

Prerequisite(s): 0.5 course from Calculus 1000A/B, the former Calculus 1100A/B, Calculus 1500A/B or Mathematics 1225A/B; or Applied Mathematics 1413.

Pre-or Corequisite(s): 0.5 course from Calculus 1301A/B, 1501A/B, Applied Mathematics 1201A/B or the former Calculus 1201A/B, Mathematics 1228A/B, 1229A/B, 1600A/B or the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B.

2 lecture hours, 3 laboratory hours, 0.5 course.

Earth Sciences 2230A/B - Introduction to Geochemistry

Effects of temperature, pressure and bulk composition on stabilities of minerals in natural geological settings are evaluated using thermodynamic principles. Reaction rates among minerals and fluids, including the effects of natural catalysts and inhibitors, and biotic mediation are addressed. Introduction to the principles of radioisotope and stable isotope geochemistry.

Prerequisite(s): **Chemistry 1301A/B or the former** Chemistry 1100A/B, and Earth Sciences 2200A/B or permission of the Department.

2 lecture hours, 3 laboratory hours, 0.5 course

Earth Sciences 3341A/B – Waters and Geochemical Cycles

Acquisition of solutes by rain, surface and subsurface waters and their transportation and deposition in natural environments (e.g., formation of ore deposits). Natural sources of potential pollutants (e.g., heavy metals). Geochemical cycles of solutes and waters.

Prerequisite(s): Earth Sciences 2230A/B or **Chemistry 1301A/B or the former** Chemistry 1100A/B ~~or the former Chemistry 1050, 1020~~, or permission of the Department.

2 lecture hours, 1 tutorial hour, 0.5 course

MATHEMATICS

*Effective **September 1, 2013**, the Minor in Mathematics will be revised.*

MINOR IN MATHEMATICS**Admission Requirements**

Completion of first-year requirements, including:

0.5 course: A mark of at least 60% in Calculus 1000A/B, 1500A/B, or the former 1100A/B.

0.5 course: A mark of at least 60% in Calculus 1501A/B (recommended) or a mark of at least 85% in Calculus 1301A/B.

Mathematics 1600A/B or the former Linear Algebra 1600A/B, and Mathematics 1120A/B are recommended.

Students with a complete first year that does not meet the above requirements may be admitted after ~~Calculus 2303A/B~~ **a second-year half-course in Calculus** with a mark of at least 60%.

Module

4.0 courses:

0.5 course from: Mathematics 2120A/B or 2211A/B.

0.5 course from: Calculus 2302A/B, **2402A/B**, or 2502A/B.

0.5 course from: Calculus 2303A/B, ~~or 2503A/B~~, **Mathematics 2121A/B, 2122A/B, 2123A/B, 2124A/B, 2155A/B, 2156A/B, 3020A/B, 3150A/B, or 3157A/B.**

2.5 additional courses from: ~~Computer Science 3331A/B, 3340A/B~~, Earth Sciences 2222A/B, Economics 2122A/B, 2123A/B, 2141A/B, 2142A/B, 2210A/B, 2222A/B, 2223A/B, 3310A/B, Philosophy 2250, 2251F/G, 2252W/X, 2254A/B, 3201A/B, 3202B, 4201A/B, 4202A/B, any Actuarial Science, Applied Mathematics, Computer Science, Mathematics, or Statistical Sciences course at the 2000 level or above. Note that some of these courses have prerequisites that are not part of the module.

*Effective **September 1, 2013**, the Specialization in Mathematics will be revised.*

SPECIALIZATION IN MATHEMATICS

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Module

9.0 courses:

0.5 course from: Calculus 2502A/B recommended or Calculus 2302A/B.

0.5 course from: Calculus 2503A/B recommended or Calculus 2303A/B.

0.5 course from: Mathematics 2120A/B or 2211A/B.

1.5 courses: Mathematics 2122A/B, 2123A/B, 2124A/B.

0.5 course from: Mathematics 2121A/B or 2155A/B.

1.0 course from: Mathematics 3020A/B and 3120A/B or **the former** Mathematics 2290.

0.5 course from: Mathematics 3123A/B; or Applied Mathematics 2402A or the former Differential Equations

2402A.

0.5 course from: Mathematics 3124A/B, ~~or Mathematics 2212A/B~~ Applied Mathematics 3811A/B **or the former Mathematics 2212A/B.**

3.5 additional Mathematics courses at the 2000 level or above. (Up to 2.0 courses may be substituted with courses offered by the Departments of Applied Mathematics or Statistical and Actuarial Sciences with the approval of the Department of Mathematics).

It is strongly recommended that Mathematics 2122A/B be completed in the year of entry into the module.

*Effective **September 1, 2013**, the Honors Specialization in Mathematics in Society will be revised.*

HONORS SPECIALIZATION IN MATHEMATICS IN SOCIETY

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Module

9.0 courses:

4.0 courses: Calculus 2502A/B, 2503A/B, Mathematics 2120A/B, 2122A/B, 2155A/B, 3020A/B, 3150A/B, either Applied Mathematics 3811A/B or **the former** Mathematics 2212A/B.

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*Effective **September 1, 2013**, the Specialization in Mathematics in Society will be revised.*

SPECIALIZATION IN MATHEMATICS IN SOCIETY

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Module

9.0 courses:

2.0 courses: Calculus 2302A/B or 2502A/B, Calculus 2303A/B or 2503A/B, Mathematics 2120A/B, 2122A/B.

3.0 courses from: Actuarial Science 2553A/B, Applied Mathematics 2402A or the former Differential Equations 2402A, Applied Mathematics 2813B, 3815A/B, Computer Science 2209A/B, 2210A/B, 3331A/B, 3340A/B, Earth Sciences 2222A/B, Economics 2210A/B, Mathematics 2124A/B, 2155A/B, 2156A/B, 2251F/G, 3020A/B, 3150A/B, 3152A/B, 4158A/B/Y, either Applied Mathematics 3811A/B or **the former** Mathematics 2212A/B, Philosophy 2250, 2251F/G, 2252W/X, 2254A/B, 3201A/B, 3202B, 4201A/B, 4202A/B, Statistical Sciences 2857A/B, 2858A/B, the former Statistical Sciences 2657A. Note that some of these courses have prerequisites that are not part of the module.

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*Effective **September 1, 2013**, the following courses be revised.*

Mathematics 1225A/B - Methods of Calculus

Elementary techniques of integration; applications of Calculus such as area, volume, probability; functions of several variables, Lagrange multipliers. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some ~~Biological or Basic Medical Sciences~~ **Science** modules. It may not be used as a prerequisite for any Calculus course numbered 1300 or above.

Antirequisite(s): Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, Mathematics 0110A/B, Calculus 1000A/B, 1100A/B, 1500A/B.

3 lecture hours, 0.5 course.

Mathematics 1228A/B - Methods of Finite Mathematics

Permutations and combinations; probability theory. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some ~~Biological or Basic Medical Sciences~~ **Science** modules.

Antirequisite(s): Mathematics 2124A/B, 2155A/B, Statistical Sciences 2035, 2141A/B, 2857A/B, the former Statistical Sciences 2657A.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 0110A/B,

1225A/B, 1229A/B.

3 lecture hours, 0.5 course.

Mathematics 1229A/B - Methods of Matrix Algebra

Matrix algebra including vectors and matrices, linear equations, determinants. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some ~~Biological or Basic Medical Sciences~~ **Science** modules.

Antirequisite(s): Applied Mathematics 1411A/B, 2811B, Mathematics 1600A/B, 2120A/B, 2155A/B, 2211A/B, the former Linear Algebra 1600A/B.

Prerequisite(s): One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent.

3 lecture hours, 0.5 course.

PHYSICS AND ASTRONOMY

Effective **September 1, 2013**, the Faculty of Science modify the Honors Specialization in Medical Physics as listed below.

HONORS SPECIALIZATION IN MEDICAL PHYSICS

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with no mark in these principal courses below 60%:

Physics 1301A/B, 1401A/B, 1501A/B or 80% in Physics 1028A/B and Physics 1302A/B, 1402A/B, 1502A/B or 80% in Physics 1029A/B; or the former Physics 1020 or 1024 or 1026

Calculus 1000A/B, 1500A/B, or the former 1100A/B and Calculus 1501A/B (recommended) or Calculus 1301A/B (with a mark of at least 85%); or Applied Mathematics 1413

1.0 additional course, **at least 0.5 of which must be from the Faculty of Science.**

Students must complete Mathematics 1600A/B or the former Linear Algebra 1600A/B with a minimum mark of 55% by the end of term one in year 2.

Module

9.0 courses:

1.0 course: Calculus 2502A/B, 2503A/B.

1.0 course: Applied Mathematics 2402A (or the former Differential Equations 2402A), Applied Mathematics 3815A/B.

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

1.0 course: **Physics 2110A/B and 2910F/G (or the former 2900E)**

~~4.5~~ 4.0 courses: ~~Physics 2110A/B and 2910F/G (or the former 2900E)~~ Physics 2600A/B, 3200A/B, 3300A/B, 3400A/B, **3900F/G**, 3926F/G, 4999E.

0.5 course from: Physics 4662A/B or 4672A/B.

2.0 **0.5** courses from: ~~Chemistry 2213A/B, 2223B;~~ Medical Biophysics **4445A/B**, 4455A/B, 4467A/B; ~~any 3000 or 4000-level Physics or Astronomy course; any Applied Mathematics course at the 2100-level or above~~ **any Physics or Astronomy or Applied Mathematics course not already taken at the 3000 level or above.**

Students must also complete Physics 2950Y, 3950Y, 4950Y (non-credit seminar courses).

Note: The above courses may have prerequisites that are not included in the module.

~~*Note: Students can progress to Physics 2128A/B, 2129A/B or Medical Biophysics 2128A/B, 2129A/B only if they have taken Physics 1028A/B and 1029A/B.~~

Effective **September 1, 2013**, the Faculty of Science modify the Specialization in Medical Physics as listed below.

SPECIALIZATION IN MEDICAL PHYSICS

Admission Requirements

Completion of first-year requirements, including the following courses, each with a mark of at least 60%:

Physics 1301A/B, 1401A/B, 1501A/B or 80% in Physics 1028A/B and Physics 1302A/B, 1402A/B, 1502A/B or 80% in Physics 1029A/B; or the former Physics 1020 or 1024 or 1026

Calculus 1000A/B or 1500A/B or the former 1100A/B and Calculus 1501A/B (recommended) or Calculus

1301A/B (with a mark of at least 85%); or Applied Mathematics 1413

1.0 additional course, **at least 0.5 of which must be from the Faculty of Science.**

Students must complete Mathematics 1600A/B or the former Linear Algebra 1600A/B with a minimum mark of 55% by the end of term one in year 2.

Module

9.0 courses:

1.0 course: Calculus 2502A/B (preferred) or Calculus 2302A/B, Calculus 2503A/B (preferred) or Calculus 2303A/B.

1.0 course: Applied Mathematics 2402A (or the former Differential Equations 2402A), Applied Mathematics 3815A/B.

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

3.5 1.0 courses: Physics 2110A/B and 2910F/G (or the former 2900E), ~~Physics 2600A/B, 3200A/B, 3300A/B, 3400A/B, 3926F/G.~~

3.0 courses: Physics 2600A/B, 3200A/B, 3300A/B, 3400A/B, 3900F/G, 3926F/G.

0.5 course from: Physics 4662A/B or 4672A/B.

3.0 1.5 courses from: ~~Chemistry 2213A/B, 2223B~~ Medical Biophysics **4445A/B**, 4455A/B, 4467A/B; ~~any 3000 or 4000-level Physics or Astronomy course, any Applied Mathematics course at the 2100 level or above~~ **any Physics or Astronomy or Applied Mathematics course not already taken numbered 2100 or above.**

Students must also complete Physics 2950Y, 3950Y, 4950Y (non-credit seminar courses).

Note: The above courses may have prerequisites that are not included in the module.

~~*Note: Students can progress to Physics 2128A/B, 2129A/B or Medical Biophysics 2128A/B, 2129A/B only if they have taken Physics 1028A/B and 1029A/B.~~

FACULTY OF SCIENCE AND SCHULICH SCHOOL OF MEDICINE & DENTISTRY

MEDICAL SCIENCES

Effective **September 1, 2013**, Medical Sciences 4200F/G -- Inflammation in Diseases, will be introduced by Basic Medical Sciences Undergraduate Education in the Schulich School of Medicine & Dentistry.

Medical Sciences 4200F/G – Inflammation in Diseases

This course is an interdisciplinary study of inflammation. It will include the pathophysiological and biochemical origins of inflammation, the epidemiology of inflammatory diseases, various cancers, CNS inflammatory disorders, pain and therapeutic targets. Course content will be presented through online learning modules and in-class sessions will focus on knowledge application.

Prerequisite(s): Enrollment in Year 4 of an Honors Specialization module in either Medical Sciences or Interdisciplinary Medical Sciences (IMS).

2 lecture/tutorial hours per week, 0.5 course.

Effective **September 1, 2013**, the Honors Specialization in Medical Sciences, offered by the Faculty of Science and the Schulich School of Medicine & Dentistry, will be revised.

HONORS SPECIALIZATION IN MEDICAL SCIENCES

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Module

9.5 courses:

0.5 course: Biochemistry 2280A.

0.5 course from: Chemistry 2213A/B or 2273A.

0.5 course from: Chemistry 2223B or a Chemistry half course at the 2000- or 3000-level.

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

1.5 courses: Biology 2290F/G, 2382B, 2581B.

1.0 course: Medical Sciences 4900F/G and 4930F/G.

3.0 courses* from: Anatomy and Cell Biology 3309, 3319, Biochemistry 3380G or 3387G, 3381A, 3382B, 3385A, 3386B, Epidemiology and Biostatistics 2200A/B, Medical Biophysics 3330F/G, 3336F/G, 3501F, 3503G, 3505F, 3507G, 3970Z, Microbiology and Immunology 2100A, 2500A/B, 3300A, 3400B, 3600G, Pathology 3240A, 3245B, Pharmacology 2060A/B, 3580Y, 3620, Physiology 3120, 3130Y, 3140A, the former Epidemiology and Biostatistics 3330B, the former Medical Biophysics 3302E, 3303E, the former Pharmacology 3550A/B, 3560A/B.

2.0 courses* from: Anatomy and Cell Biology 4410A, 4411B, 4429A, 4451F/G, 4452A/B, 4461B, Biochemistry 4400G, 4410A, 4420A, 4430B, 4435B, 4445F, 4450A, 4463G, 4465A, Medical Biophysics 4445A/B, 4455A/B, 4467A/B, 4475A/B, 4535A/B, 4600A/B, Medical Sciences 4100F/G, 4200F/G, Microbiology and Immunology 4100A, 4200B, 4300A, ~~4700B~~, Pathology 4200A/B, 4400A/B, 4500B, Pharmacology 4320A/B, 4340A/B, 4350A/B, 4360A/B, 4370A/B, 4380A/B, 4430A/B, 4540A/B, 4620A, 4630A, 4660A/B, Physiology 4100A/B, 4200A/B, 4420A/B, 4520A/B, 4530A/B, 4600A/B, 4610A/B, 4620A/B, 4630A/B, 4640A/B, 4650A/B, 4660A/B, 4670A/B, 4680A/B, ~~4690A/B~~, 4700A/B, 4710A/B, 4730B, the former Anatomy and Cell Biology 4451A, the former Biochemistry 4400F, 4420B, 4440A, the former Physiology 4690A/B.

*The following 'discipline requirement' must be satisfied with these 5.0 courses:

A minimum of 2.0 courses must be taken from one of the Basic Medical Science disciplines (below), and A minimum of 2.0 courses must be taken from a different Basic Medical Science discipline or a combination of different Basic Medical Science disciplines. Medical Sciences 4100F/G and 4200F/G may be included in this group of 2.0 courses.

Basic Medical Science Disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Biophysics, Microbiology and Immunology, Pathology, Pharmacology, and Physiology.

The following 'laboratory requirement' must be satisfied within the module: in addition to Chemistry 2213A, at least one senior half course with a laboratory component from either Chemistry or a Basic Medical Science discipline must be completed prior to Year 4.

When selecting courses for Year 3, students are advised to consult both the Undergraduate Course Information in the Academic Calendar to ensure prerequisite requirements are met for anticipated 4000-level courses, plus the BMSc website (www.uwo.ca/bmsc) for information about constraints (priority and restricted access) for all Basic Medical Science courses.

FACULTY OF SOCIAL SCIENCE

ANTHROPOLOGY

Effective **September 1, 2013**, Anthropology 2245F/G will be deleted from the list of approved Sociocultural courses. Anthropology 2265F/G and 3340A/B will be added to the list of approved Bioarchaeological courses. Anthropology 2246F/G and 2250F/G will be added to the list of approved Linguistic Anthropology courses.

COURSES BY SUBFIELD

Sociocultural Anthropology:

Anthropology 1020E, 1025F/G, 2112, 2201F/G, 2202F/G, 2203F/G, 2211F/G, 2212F/G, 2214F/G, 2216F/G, 2217F/G, 2218F/G, 2219F/G, 2220E, 2222F/G, 2224F/G, ~~2245F/G~~, 2255E, 2260F/G, 2262F/G, 2269F/G, 2272F/G, 2280F/G, 2281F/G, 2282F/G, 2283F/G, 2289F/G, 2290F/G, 2532F/G, 3266F/G, 3301E, 3302F/G, 3305F/G, 3306F/G, 3317F/G, 3322, 3332F/G, 3333F/G, 3349F/G, 3369F/G, 3389F/G, 4400E, 4402F/G, the former 2266FG.

Bioarchaeological Anthropology:

Anthropology 1026F/G, 2100, 2226A/B, 2229F/G, 2230F/G, 2231F/G, 2232F/G, 2233F/G, 2234F/G, 2235A/B, 2236A/B, 2264F/G, 2265F/G, 2269F/G, 3307A, 3308F/G, 3309F/G, 3310A/B, 3311F/G, 3312F/G, 3320, 3322, 3334F/G, 3336F/G, 3338F/G, 3340A/B, 3341F/G, 3342A/B, 3369F/G, 4420A/B.

Linguistic Anthropology:

1027A/B, 2243F/G, 2245F/G, 2246F/G, 2247F/G, 2248AA/B, 2249F/G, 2250F/G, 3237A/B, 3335F/G, 3337F/G, 4412F/G

Effective **September 1, 2013**, the section of the Major in Bioarchaeological Anthropology that begins with 3.0 courses will be revised.

MAJOR IN BIOARCHAEOLOGICAL ANTHROPOLOGY

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Module

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3.0 courses from: Anthropology 2235A/B, 2236A/B, 2264F/G, **2265F/G**, 2269F/G, 3306F/G, 3307A, 3308F/G, 3309F/G, 3310A/B, 3311F/G, 3312F/G, 3320, 3322, 3334F/G, 3336F/G, 3338F/G (or the former 338a/b), **3340A/B**, 3341F/G (or the former 341a/b), 3342A/B, 3369F/G, 4400E, 4420A/B. Students may substitute a maximum of 0.5 course, not previously taken, from: Anthropology 2211F/G, 2212F/G, 2214F/G, 2216F/G, 2217F/G, 2218F/G, 2219F/G, 2230F/G, 2231F/G, 2232F/G, 2233F/G, 2234F/G, First Nations Studies 2910F/G.

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Effective **September 1, 2013**, Anthropology 2246F/G and Anthropology 2250A/B will be added to the section of the Major in Linguistic Anthropology that begins with 2.5 courses.

MAJOR IN LINGUISTIC ANTHROPOLOGY

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Module

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2.5 courses from: Anthropology 2243F/G, **2246F/G**, 2249F/G, **2250F/G**, 3237A/B, 3306F/G, 3335F/G, 3337F/G, 4400E, 4412F/G.

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ECONOMICS

Effective **September 1, 2013**, the course Economics 3362F/G, Empirical Industrial Organization, will no longer be a designated essay course and the antirequisites revised.

Economics 3362F/GA/B - Empirical Industrial Organization

This course introduces students to current research and methods used in the study of empirical questions in Industrial Organization. Answering these questions involves combining theory from microeconomics and tools from econometrics with real data. Topics covered include: demand estimation, methods for measuring market power, price discrimination, and production function analysis.

Antirequisite(s): **Economics 3362F/G**, Economics 4496F/G (if taken in 2010-2011 Academic Year).

Prerequisite(s): Economics 2221A/B, 2223A/B, and Economics 2261A/B.

3 lecture hours, 0.5 course.

FIRST NATIONS STUDIES

Effective **September 1, 2013**, the following courses be withdrawn.

First Nations Studies 3141F/G: First Nations Ritual and Symbolism

First Nations Studies 3911F/G: Métis Ethnohistory

First Nations Studies 3921F/G: Frontiers and Borderlands

HISTORY

Effective **September 1, 2013**, the calendar description for History 2705E be revised.

History 2705E - A Global History of International Relations Since 1648 - The Western Tradition in International Relations Theory and Practice

This survey course examines and compares the dynamics, evolution, and transformations of international communities and systems since 1648. It considers the main elements of international relations and key thinkers, such as Machiavelli, Kant, and Marx. **History 2705E is a 'great books' course. The purpose is to examine critical**

works of international relations theory in context. The focus is “the Western tradition”. Thinkers to be considered include: Cicero, Augustine, Aquinas, Machiavelli, Erasmus, Grotius, Hobbes, Frederick of Prussia, von Clausewitz, Angell, and Morgenthau.

3 hours, 1.0 course.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective **September 1, 2013**, Calculus 1100A/B will be removed from the DAN program modules.

DAN PROGRAM IN MANAGEMENT AND ORGANIZATIONAL STUDIES

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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.

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BACHELOR OF MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS DEGREE

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After first year, students may apply for admission upon completion of first-year requirements with no failures. Students must have an average of at least 73% 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, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B*

1.0 course: numbered 1000-1999 (Economics 1021A/B and 1022A/B will be counted towards the Admission Requirements in lieu of 1.0 course numbered 1000-1999 for the Honors Specialization in Finance for MOS.)

Note: *Students admitted without Calculus should be aware that to enroll in certain courses/modules they may 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.

After first year, students may apply for admission to the COMMERCIAL AVIATION MANAGEMENT HONORS SPECIALIZATION upon completion of first-year requirements with no failures. Students must have an average of at least 73% 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 course from: Calculus 1000A/B, ~~1100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B*

0.5 course: numbered 1000-1999

Note: *Students admitted without Calculus should be aware that to enroll in certain courses/modules they may 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 who fail to meet these admission requirements may be eligible to apply to a BMOS Specialization or to another program.

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HONORS DOUBLE MAJOR

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After first year, 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, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B*

1.0 course: numbered 1000-1999

Note: *Students admitted without Calculus should be aware that to enroll in certain courses/modules they may be required to take Mathematics 0110A/B or ~~Calculus 4100A/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.

After first year, students may apply for admission to the COMMERCIAL AVIATION MANAGEMENT HONORS DOUBLE 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 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B*

0.5 course: numbered 1000-1999

Note: *Students admitted without Calculus should be aware that to enroll in certain courses/modules they may be required to take Mathematics 0110A/B or ~~Calculus 4100A/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.

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HONORS SPECIALIZATION IN ACCOUNTING

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: 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: numbered 1000-1999

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HONORS SPECIALIZATION IN CONSUMER BEHAVIOR

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

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

1.0 course: numbered 1000-1999

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HONORS SPECIALIZATION IN FINANCE FOR MOS

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B*, ~~Calculus 4100A/B*~~, Calculus 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: 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: numbered 1000-1999

Note: *Students considering the Honors Specialization in Finance for MOS are required to complete either Calculus 1000A/B or ~~4100A/B~~ prior to taking Economics 2222A/B.

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Notes: *Students who have completed Economics 2150A/B, 2151A/B and 2152A/B with an average of 80% and no mark less than 75%, and who have taken Calculus 1000A/B or **the former** Calculus 1100A/B with a mark of at least 60%, may enter the Honors Specialization in Finance for MOS and be exempt from taking Economics 2220A/B, 2260A/B and 2261A/B. Students who have completed these requirements and have also completed Economics 2122A/B and 2123A/B with an average of 80% and no mark less than 75%, may also be exempt from taking Economics 2222A/B and 2223A/B

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HONORS 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, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: full-course or equivalent numbered 1000 – 1999 from: Psychology or Sociology

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

1.0 course: numbered 1000-1999

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HONORS SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

1.5 full-courses or equivalent: numbered 1000 -1999*

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

(Restricted to students registered in the BMOS Honors Degree. Must be combined with another Major module from a discipline other than Management and Organizational Studies)

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/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*

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

(Restricted to students registered in the BMOS Honors Degree. Must be combined with another Major module from a discipline other than Management and Organizational Studies)

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

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

1.0 course: numbered 1000-1999

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

(Restricted to students registered in the BMOS Honors Degree. Must be combined with another Major module from a discipline other than Management and Organizational Studies)

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B*, ~~Calculus 1100A/B*~~, Calculus 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B.

1.0 course: 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: numbered 1000-1999

Note: *Students must complete ~~either~~ Calculus 1000A/B ~~or 1100A/B~~ if interested in pursuing an Honors Specialization in Finance for MOS or an Honors Double Major with Economics.

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Students combining this Major with a Major in Economics must complete Economics 2260A/B and 2220A/B. In addition, 1.0 additional MOS 2000-level or above course must be completed in order to satisfy the MOS Module requirements. Students who have completed Economics 2150A/B, 2151A/B and 2152A/B with an average of 80% and no mark less than 75%, and who have taken Calculus 1000A/B or **the former Calculus 1100A/B with a mark of at least 60%, may enter the Honors Specialization in Finance for MOS and be exempt from taking Economics 2220A/B, 2260A/B and 2261A/B. Students who have completed these requirements and have also completed Economics 2122A/B and 2123A/B with an average of 80% and no mark less than 75% may also be exempt from taking Economics 2222A/B and 2223A/B.

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

(Restricted to students registered in the Honors Degree. Must be combined with another Major module from a discipline other than Management and Organizational Studies)

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4400A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: full-course or equivalent numbered 1000 – 1999 from: Psychology or Sociology

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

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

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MAJOR IN COMMERCIAL AVIATION MANAGEMENT (must be part of Honors Double Major)

(Restricted to students registered in the Honors Degree. Must be combined with another Major module from a discipline other than Management and Organizational Studies)

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4400A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

1.5 full-courses or equivalent: numbered 1000 -1999*

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SPECIALIZATION IN ACCOUNTING

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

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

1.0 course: numbered 1000-1999

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SPECIALIZATION IN CONSUMER BEHAVIOR

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

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

1.0 course: numbered 1000-1999

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SPECIALIZATION IN FINANCE FOR MOS

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: 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: numbered 1000-1999

Note: Students must complete either Calculus 1000A/B or ~~4100A/B~~ if interested in pursuing an Honors Specialization in Finance for MOS or an Honors Double Major with Economics.

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Notes: *Students who have completed Economics 2150A/B, 2151A/B and 2152A/B with an average of 80% and no mark less than 75%, and who have taken Calculus 1000A/B or **the former** Calculus 1100A/B with a mark of at least 60%, may enter the Honors Specialization in Finance for MOS and be exempt from taking Economics 2220A/B, 2260A/B and 2261A/B. Students who have completed these requirements and have also completed Economics 2122A/B and 2123A/B with an average of 80% and no mark less than 75% may also be exempt from taking Economics 2222A/B and 2223A/B

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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, ~~4100A/B~~, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

1.0 course: full-course or equivalent numbered 1000 – 1999 from: Psychology or Sociology

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

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

SPECIALIZATION IN COMMERCIAL AVIATION MANAGEMENT

5.0 first-year courses:

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

1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B

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

1.5 full-courses or equivalent: numbered 1000 -1999*

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Effective **September 1, 2013**, the prerequisites for MOS 2242A/B be revised.

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

Course description, antirequisites: No change.

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; **the former Calculus 1100A/B**, and enrollment in BMOS.

3 lecture hours, 0.5 course.

PSYCHOLOGY

Effective **September 1, 2013**, the title of Psychology 3840F/G will be revised.

Psychology 3840F/G - **Research in Test Construction**

No further changes.

Effective **September 1, 2013**, Psychology 3314F/G will be revised.

Psychology 3314F/G - Forensic Psychology

This course introduces students to central issues in the area of forensic psychology, including recent theoretical and research developments. Topics include detecting deception, eyewitness testimony, investigative interviewing, roles and responsibilities, offender profiling, correctional psychology, risk assessment, victims of crime, and fitness to stand trial.

Antirequisite(s): Psychology **2031A/B**, 3313A/B, 3390G if taken in 2008, 2011 and 2012, ~~468G if taken in 2006.~~

Prerequisite(s): Psychology 2820E or both Psychology 2800E and 2810.

3 lecture hours, 0.5 course.

Effective **September 1, 2013**, Psychology 2800E and 2820E will be revised.

Psychology 2800E - Research Methods in Psychology

Using selected examples, this course will introduce students to the variety of ways to conduct research in Psychology. Topics to be covered include: the scientific approach; ethical issues in human and animal research; designing, running, analyzing and writing up a research project; experimental, observational and correlational research strategies.

Antirequisite(s): Psychology **2855F and 2856G**, 2820E, 2840F/G

Prerequisite(s): At least 60% in a 1000 level Psychology course.

2 lecture hours, 2 laboratory hours, 1.0 course.

Psychology 2820E - Research Methods and Statistical Analysis in Psychology

An introduction to the design, conduct, and statistical analyses of psychological research. The intent is to provide students with knowledge of how to implement and evaluate research in both laboratory and applied settings. Design and statistical analysis will be taught in the context of specific studies and data sets from correlational, experimental, quasi-experimental and qualitative research. Written research projects will be required.

Antirequisite(s): Biology 2244A/B, Economics 2122A/B, 2222A/B, Geography 2210A/B, Health Sciences 3801A/B, MOS 2242A/B, Psychology **2855F, 2856G**, 2800E, 2810, 2830A/B, 2840F/G, 2850A/B, 2851A/B, the former 2885, Social Work 2207A/B, the former 2205, Sociology 2205A/B, Statistical Sciences 2035, 2141A/B, 2143A/B, 2244A/B, 2858A/B and the former 2122A/B (and Statistical Sciences 2037A/B if taken before Fall

2010).

No further changes.

FACULTY OF SOCIAL SCIENCE, HURON UNIVERSITY COLLEGE, KING'S UNIVERSITY COLLEGE

*Effective **September 1, 2013**, German 2140 F/G –German-Jewish Literature be added to the major and minor Jewish Studies modules at Main Campus, Huron University College, and King's University College.*

MAJOR IN JEWISH STUDIES

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Module

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2.0 courses from: Centre for Global Studies 2340F/G, 2341F/G; Film Studies 3316F/G; **German 2140F/G**; History 3427E, 3807E; MIT 3931F/G; Political Science 3329F/G, 4409F/G; Religious Studies 2114A/B, 2204F/G, 2213F/G, 2214F/G, 2260F/G, 2286F/G, 2320F/G, 2326F/G (if not taken above) or Religious Studies 2346F/G (if not taken above), Religious Studies 2327F/G (if not taken above) or Religious Studies 2347F/G (if not taken above), Religious Studies 3450F/G; Philosophy 2665F/G, 2667F/G; Women's Studies 2152A/B, or other courses from a list maintained by the History Department in the Faculty of Social Science.

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MINOR IN JEWISH STUDIES

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Module

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2.0 courses from:** Hebrew 1030, 1040A/B, 1041A/B, 2200, 2240A/B, 2241A/B; Centre for Global Studies 2340F/G, 2341F/G; **German 2140F/G**; Film Studies 3316F/G; History 3427E, 3807E; MIT 3931F/G; Political Science 3329F/G, 4409F/G; Religious Studies 2114A/B, 2204F/G, 2213F/G, 2214F/G, 2260F/G, 2286F/G, 2320F/G, 2326F/G (if not taken above) or Religious Studies 2346F/G (if not taken above), Religious Studies 2327F/G (if not taken above) or Religious Studies 2347F/G (if not taken above), Religious Studies 3450F/G; Philosophy 2665F/G, 2667F/G; Women's Studies 2152A/B, or other courses from a list maintained by the History Department in the Faculty of Social Science.

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BRESCIA UNIVERSITY COLLEGE

FOODS AND NUTRITION

*Effective **September 1, 2013**, the following courses be introduced by Brescia University College.*

Foods and Nutrition 4901Y Dietetic Simulation Practice

Provides an overview of processes involved in patient care, counseling, nutritional/community assessment, clinical activities for disease conditions, electronic patient records, data systems, clinical interface with foodservice operations. Simulation exercises engage students in critical thinking, clinical reasoning and evidence-based decision-making, raise awareness and allow the assessment of students' competencies to practice.

0.5 course

(Brescia)

Foods and Nutrition 4902Y Regulatory, Legal, and Ethical Issues of Dietetic Practice

An exploration of ethical issues, including ethics and critical incidents review boards, current national/international standards/guidelines, legal principles/issues related to informed consent, liability, and regulatory and legal issues related to dietetic practice. Ethical dilemmas and their resolution will provide

opportunities for developing competence and judgment skills, attitudes and confidence.

0.5 course

(Brescia)

Foods and Nutrition 4903Y Practice-Based Dietetic Research

Provides an overview of evidence-based practice, the grant-writing process, budgetary aspects of grants, budgeting and managing project costs/cash flow/audits and negotiating agreements. Information management and knowledge transfer will be emphasized as they report on their research projects at the end of their placements.

0.5 course

(Brescia)

Foods and Nutrition 4904Y Practicum

Students complete 1300 hours of practice in varied practice areas and locations. They work on-site or conduct site-related work on a predetermined schedule, typically 30 - 35 hours per week. Students must successfully complete the Practical training in all areas to satisfy the practicum requirements for the diploma.

4.0 course

(Brescia)

INTERDISCIPLINARY STUDIES

Effective **September 1, 2013**, *Interdisciplinary Studies 1015F/G: Interdisciplinary Perspectives*, be introduced at Brescia University College.

Interdisciplinary Studies 1015F/G – Interdisciplinary Perspectives

An interdisciplinary seminar focusing on a current-issue or specialized topic, as selected by the instructor.

Through focused class discussions and exercises, students will explore the topic from multiple perspectives while developing a core set of skills including information literacy, written and oral communication, and critical thinking.

3 hours, 0.5 course (Brescia)

HURON UNIVERSITY COLLEGE

BACHELOR OF THEOLOGY

Effective September 1, 2013, the Major and Minor in Biblical Studies be revised.

MAJOR IN BIBLICAL STUDIES

Admission Requirements:

Completion of first-year requirements including ~~Theological Studies 1020E~~ **Religious Studies 1010F/G** with a mark of at least 60%.

Module:

7.0 courses:

1.0 course ~~from~~ **Religious Studies 2130**, 2131E, **2700F/G, 2705F/G, 2715F/G, 2725F/G, 2730F/G.**

~~1.0 course Theological Studies 2200F/G, Theological Studies 3313F/G.~~

~~0.5 course: Theological Studies 2230F/G.~~

~~0.5 course: either Theological Studies 2203F/G or Theological Studies 2206F/G.~~

2.0 courses among: Religious Studies 1029, 2129, Hebrew 1040A/B, 1041A/B, 2240A/B, 2241A/B.

~~0.5 course: among Theological Studies 2201F/G, 2202F/G, 2205F/G.~~

~~0.5 course: among Theological Studies 2207F/G, 2208F/G, 2210F/G.~~

~~0.5 course Theological Studies course at the 3000 level or higher.~~

~~0.5 course: Theological Studies 4403F/G, 4400E, 4405F/G.~~

2.0 courses among: Religious Studies 2330F, 2124F/G, 2400F/G, 2410F/G

0.5 courses from: Religious Studies 3070F/G, 3080F/G, 3090F/G, 3168F/G

0.5 courses from: Religious Studies 2114A/B, 3020F/G, 3030F/G, 4040F/G.

1.0 course from Religious Studies 3500F/G and any other Religious Studies or Theological Studies courses at the 2000 level or higher.

MINOR IN BIBLICAL STUDIES

Admission Requirements:

Completion of first-year requirements including ~~Theological Studies 4020E~~ Religious Studies 1010F/G with a mark of at least 60%.

Module:

4.0 courses:

~~1.5~~ 1.0 courses from Religious Studies 2114A/B 2130, 2131E, 2700F/G, 2705F/G, 2715F/G, 2725F/G, 2730F/G.

~~1.5 courses: Theological Studies 2200F/G, 2203F/G, 2206F/G.~~

~~1.0 additional course in Theological Studies.~~

2.0 courses among: Religious Studies 2330F, 2124F/G, 2400F/G, 2410F/G

0.5 courses from: RS 3070F/G, 3080F/G, 3090F/G, 3168F/G.

0.5 courses from: RS 2114A/B, 3020F/G, 3030F/G, 4040F/G.

DAP UPDATE: MINOR CHANGES

FACULTY OF SCIENCE

Effective **September 1, 2013**, the contact hours for Biology 4200A/B be revised.

Biology 4200A/B - Selected Topics in Biology

Course description, anti/pre-requisites: No change.

2 lecture hours, 1 tutorial/lecture hour, 0.5 course