

The following proposals, received on DAP between June 1-15, 2012, 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

ARTS AND HUMANITIES

*Effective **September 1, 2013**, Arts and Humanities 1020E: Introduction to the Arts and Humanities will be introduced in the course offerings for the Faculty of Arts and Humanities.*

Arts and Humanities 1020E Introduction to the Arts and Humanities

A combined historical and thematic survey of select fields that comprise the Humanities and the various approaches and methods they employ in furthering our understanding of the human experience. The various forms of communication used in the arts will also be examined.

Prerequisite(s): Admission to the School for Advanced Studies in Arts and Humanities
3 lecture hours, 1.0 course

*Effective **September 1, 2013**, Arts and Humanities 2210E: Research Means & Methods in the Arts and Humanities will be introduced in the course offerings for the Faculty of Arts and Humanities.*

Arts and Humanities 2210E Research Means & Methods in the Arts and Humanities

A study of various practical issues and theoretical approaches to research in the Arts & Humanities, ranging from basic uses of library resources to choosing the best methodological approach. Ultimately, the course aims to provide a foundation for critical thought, as well as an introduction to the digital humanities.

Prerequisite: 75% or higher in AH 1020E
3 lecture hours, 1.0 course

*Effective **September 1, 2013**, Arts and Humanities courses be introduced in the course offerings for the Faculty of Arts and Humanities.*

Arts and Humanities 2220F/G: Writing in the Arts and Humanities

Examines the various forms and strategies of critical writing and reading in the Arts and Humanities. Studying the principles and practices of argumentation, stylistic clarity, editing/re-writing, and writing as a creative process creates a skill-set applicable both inside and outside the university.

Prerequisite: 75% or higher in AH 1020E
3 lecture hours, 0.5 course

Arts and Humanities 2290F/G-2293F/G: Research Topics in the Arts and Humanities

An examination of scholarly methods applied to a specific research topic or area.

Prerequisite: 75% or higher AH 1020E
3 lecture hours, 0.5 course

Arts and Humanities 3350E: Critical Theories in the Arts and Humanities

This course addresses the most recent contemporary theories and historical approaches currently used in the Arts & Humanities. It looks at how these theories can open up complementary ways of understanding and interpreting texts, objects, and historical contexts, while examining the potential of theoretical intersections amongst the disciplines.

Prerequisite: AH 2210E & AH 2220F/G
3 lecture hours, 0.5 course

Arts and Humanities 3390F/G-3393F/G: Special Topics in Interdisciplinary Studies

Please consult the Faculty for current offerings.

Prerequisite: AH 2210E and AH 2220F/G

3 lecture hours, 0.5 course

Arts and Humanities 4410E Integrated Seminar

A special topics course that centres on a specific theme that is examined from the various disciplinary perspectives in the Arts and Humanities.

Prerequisite: AH 3380E

3 lecture hours, 1.0 course

Arts and Humanities 4490F/G-4493F/G Experiential Learning in the Arts and Humanities

Students can elect to undertake a research, teaching, or unpaid internship in a professional field. A detailed proposal of the internship must be submitted to the Faculty for approval prior to registering in the course.

Prerequisite: AH 3380E

0.5 course

DIGITAL HUMANITIES

*Effective **September 1, 2012**, the following courses be introduced as part of the Digital Humanities course offerings in the Department of Modern Languages and Literatures on Main Campus.*

Digital Humanities 1011A/B – Programming my Digital Life

Digital Humanities 2121F/G-2125F/G – Special Topics in Digital Humanities

Digital Humanities 2220A/B – Computing and Informatics for the Humanities I

Digital Humanities 2221A/B – Computing and Informatics for the Humanities II

Digital Humanities 2301F/G – Digital Fashion

Digital Humanities 2302F/G – Connecting Cultures

Digital Humanities 2303F/G – Culture, Identity and Community in Virtual Worlds

Digital Humanities 2921F/G-2925F/G – Special Topics in Digital Humanities

Digital Humanities 3220A/B – Databases for the Humanities

Digital Humanities 3304F/G – Electronic Textuality and Digital Archives

Digital Humanities 3401F/G – Experimental History

Digital Humanities 3402F/G – Visualizing Cultural Objects

Digital Humanities 3501F/G – Advanced Social Networking

Digital Humanities 3902F/G-3905F/G – Special Topics in Digital Humanities

Digital Humanities 1011A/B – Programming my Digital Life

This is a first course in programming for students of all backgrounds. Topics include images, video, sound, and text; user interface; interaction design; web services and APIs; and microcontroller platforms like Arduino and Phidgets. Students complete a series of projects on animation, installation art, electronic music, theatre, visualization, and/or robotics.

Pre-or Corequisite(s): Computer Science 1033A/B

3 hours, 0.5 course.

Digital Humanities 2121F/G-2125F/G – Special Topics in Digital Humanities

Please consult with the Department for current course offerings.

Prerequisite(s): Computer Science 1033A/B and Digital Humanities 1011A/B

3 hours, 0.5 course.

Digital Humanities 2220A/B – Computing and Informatics for the Humanities I

Essential information processing skills for humanities students. Includes an introduction to programming, using Python; creating programs and scripts to address problems that arise in applied research; examples of data sets and projects drawn from different areas of the humanities and social science. No previous formal programming background required.

Antirequisite(s): Computer Science 1025A/B or 1026A/B, Engineering Science 1036A/B, Computer Science 2120A/B

Prerequisite(s): Computer Science 1033A/B and Digital Humanities 1011A/B

3 lecture hours, 1 laboratory/tutorial hours, 0.5 course.

Digital Humanities 2221A/B – Computing and Informatics for the Humanities II.

A continuation of DH 2220A/B with a deeper exploration of organizing and manipulating large data sets. Project-based course.

Antirequisite(s): Computer Science 2210A/B, Software Engineering 2205A/B, Computer Science 2121A/B

Prerequisite(s): Digital Humanities 2220A/B

3 lecture hours, 1 laboratory/tutorial hours, 0.5 course

Digital Humanities 2301F/G – Digital Fashion

How is the digital world changing fashion? Learn how the web changes how we shop, how designers change the way they create and showcase products, how trending sites move opinions about what is cool, and how new technologies let us play with digital design.

Prerequisite(s): Computer Science 1033A/B and Digital Humanities 1011A/B

3 hours, 0.5 course.

Digital Humanities 2302F/G – Connecting Cultures

How is Shakespeare connected to Cervantes, New York to Tokyo, Baroque painting to videogames? Cultural networks grow in time and space through the creation of links among their elements. Through a set of digital tools, this course focuses on the discovery of connections that make culture possible.

Antirequisite: Spanish 3801F/G

Prerequisite(s): Computer Science 1033A/B and Digital Humanities 1011A/B

3 hours, 0.5 course.

Digital Humanities 2303F/G – Culture, Identity, and Community in Virtual Worlds

This course explores virtual worlds with a focus upon their articulations of new digital forms of identity, community, art, and communication. How does the extension of the “human” into virtual space impact our understanding of ourselves? How can virtual worlds help us reappraise who we are and what we do?

Prerequisite(s): Computer Science 1033A/B and Digital Humanities 1011A/B

3 hours, 0.5 course.

Digital Humanities 2921F/G-2925F/G – Special Topics in Digital Humanities

Please consult with the Department for current course offerings.

Prerequisite(s): Computer Science 1033A/B and Digital Humanities 1011A/B

3 hours, 0.5 course.

Digital Humanities 3220A/B – Databases for the Humanities

A study of modern database systems and their applications to and use in humanities and social science projects. Topics include database design, querying, administration, security, and privacy.

Antirequisite(s): Computer Science 3319A/B, Software Engineering 3352A/B, Computer Science 3120A/B

Prerequisite(s): Digital Humanities 2221A/B

2 lecture hours, 2 laboratory/tutorial hours, 0.5 course.

Digital Humanities 3304F/G – Electronic Textuality and Digital Archives

A combination of hands-on instruction in Text Encoding Guidelines for electronic texts and digital archive and a theoretical exploration of issues involved in editing, marking up, and structuring of texts and archival materials. Students will create their own digital edition or archive using XML and HTML5.

Prerequisite(s): 1.0 course of Digital Humanities at the 2000 level
3 hours, 0.5 course.

Digital Humanities 3401F/G – Visualizing Cultural Objects

Focus on visualizing and capturing cultural objects in order to preserve them, to permit consultation or to allow detailed analysis. Students will use instrumentation ranging from a simple camera to laser scanners and microCT scanners. Captured objects range from simple projections on a screen to fully immersive 3D environments.

Prerequisite(s): 1.0 course of Digital Humanities at the 2000 level
Corequisite(s):
3 hours, 0.5 course.

Digital Humanities 3402F/G – Experimental History

A hands-on workshop supplementing traditional historical and ethnographic methods with new modes of inquiry and expression. Students study experimental works, while working in a variety of new media including code; electronics and physical computing; 3D printing; alternate, augmented and mixed reality games; graphic novels; 3D photography; machinima and digital puppetry.

Prerequisite(s): 1.0 course of Digital Humanities at the 2000 level
3 hours, 0.5 course.

Digital Humanities 3501F/G – Advanced Social Networking

This course examines in depth the theories and methods of social network analysis. People, cultural artifacts, and historical events are all interconnected in complex ways. Students learn how to apply social network analysis to examine the interconnectedness of nodes and thereby better understand the resulting social, economic, and cultural consequences.

Prerequisite(s): 1.0 course of Digital Humanities at the 2000 level
3 hours, 0.5 course.

Digital Humanities 3902F/G-3905F/G – Special Topics in Digital Humanities

Please consult with the Department for current course offerings.

Prerequisite(s): 1.0 course of Digital Humanities at the 2000 level
3 hours, 0.5 course.

VISUAL ARTS

Effective **September 1, 2012**, the following courses will be introduced in the Department of Visual Arts on Main Campus and added to Visual Arts modules: VAH2235F/G-2236F/G: *What (Not) to Wear: Special Topics in Fashion, Textiles and Art* and VAH2230F/G: *History of the Moving Image*.

Visual Arts History 2235F/G-2236F/G – What (Not) to Wear: Special Topics in Fashion, Textiles and Art

These special topics courses examine the relationship between art and fashion since the 19th century. Examples of subjects dealt with include haute couture and the art world, body sculpting, activism and DIY fashion.

Prerequisite: VAH1040 or permission of the Department.
3 lecture hours, 0.5 course.

Visual Arts History 2230F/G – History of the Moving Image

An introduction to the history of the moving image in Western visual culture from the 19th century to the present with emphasis on avant-garde and experimental practices, video art, installation and the links between film and various art movements.

Antirequisite: VAH2284E

Prerequisite: VAH1040 or permission of the Department.

3 lecture hours, 0.5 course.

Honors Specialization in Visual Arts

Module:

9.0 courses

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1.0 course from: VAH 2230F/G, 2235F/G, 2236F/G, 2242F/G, 2272F/G, 2276E, 2277E, 2278E, 2279F/G, 2280F/G, 2281F/G, 2282E, 2283E, 2284E, 2287F/G

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Honors Specialization in Art History and Criticism

Module:

9.0 courses

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1.0 course from: VAH 2230F/G, 2242F/G, 2278E, 2281F/G, 2282E, 2283E, 2284E.

1.0 course from: VAH 2235F/G, 2236F/G, 2240E, 2241F/G, the former 3340E

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Bachelor of Fine Arts, Honors Specialization in Studio Arts

Module

11.0 courses:

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1.0 course from: VAH 2230F/G, 2235F/G, 2236F/G, 2242F/G, 2272F/G, 2276E, 2277E, 2278E, 2279F/G, 2280F/G, 2281F/G, 2282E, 2283E, 2284E, 2287F/G.

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Major in Art History

Module

6.0 courses:

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1.0 course from VAH 2230F/G, 2235F/G, 2236F/G, 2242F/G, 2277E, 2278E, 2279F/G, 2280F/G, 2281F/G, 2282E, 2283E, 2284E, 2287F/G.

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Major in Museum and Curatorial Studies

Module

6.0 courses:

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1.0 course from: VAH 2230F/G, 2235F/G, 2236F/G, 2242F/G, 2247E, 2249E, 2251E, 2253E, 2254F/G, 2255F/G, 2256E, 2257F/G, 2258E, 2259F/G, 2261E, 2262F/G, 2265E, 2266F/G, 2270E, 2272F/G, 2276E, 2277E, 2278E, 2279F/G, 2280F/G, 2281F/G, 2282E, 2283E, 2284E, 2286F/G, 2287F/G.

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Minor in Museum and Curatorial Studies

Module

4.0 courses:

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1.0 course from: Classical Studies 3550E, VAH 2235F/G, 2236F/G, 2242F/G, 2247E, 2249E, 2251E, 2253E, 2254F/G, 2255F/G, 2256E, 2257F/G, 2258E, 2259F/G, 2261E, 2262F/G, 2265E, 2266F/G, 2270E, 2272F/G, 2276E, 2277E, 2278E, 2279F/G, 2280F/G, 2281F/G, 2282E, 2283E, 2284E, 2286F/G, 2287F/G.

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FACULTY OF ENGINEERING

*Effective **September 1, 2012**, the Biomedical Signals and Systems Option should be updated to reflect changes to course content.*

G: Electrical Engineering - Biomedical Signals and Systems Option

Students entering Electrical Engineering - Biomedical Signals and Systems Option follow the same curriculum for the first two years as other students in the Electrical Engineering Program. A student who wishes to enroll in the Biomedical Signals and Systems Option must have completed the second year of the Electrical Engineering curriculum.

Third Year Program:

Applied Mathematics 3415A/B, ECE 3330A/B, ECE 3331A/B, ECE 3332A/B, ECE 3336A/B, ~~ECE 3374A/B~~, ECE 3337A/B, ECE 3375A/B, Medical Biophysics 3330F/G, Medical Biophysics ~~3504F~~ 3507F/G, Statistical Sciences 2141A/B, 0.5 technical elective, 0.5 non-technical elective.

Approved technical electives are: Biochemistry 2280A, Medical Biophysics 3503G or CBE 4421A/B. Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering Web site.

Notes: 1) ~~With permission of the department, students may opt to take ECE 3332A/B in place of ECE 3374A/B.~~ 2) For those students interested in the MD program, Biochemistry 2280A is recommended as one of the technical electives.

Fourth Year Program:

Business Administration 2299E, ECE 4416, ECE 4429A/B, ECE 4437A/B, ECE 4438A/B, ECE 4445A/B, ECE 4455A/B, ES 4498F/G, Physiology 2130.

*Effective **September 1, 2012**, the calendar description for ECE3337A/B should be updated to reflect changes in course content.*

Electrical and Computer Engineering 3337A/B - Electronic Circuits

Frequency response in electronic circuits, zener diode and power supply (voltage regulator) circuits, power amplifiers, differential amplifiers, feedback circuits, miscellaneous topics (Miller effect, current mirrors, cascade and cascode circuits, etc.)

Antirequisite(s): The former ECE 2235A/B.

Prerequisite(s): ECE 2205A/B, ECE 2231A/B, ECE 2233A/B, ECE 2241A/B.

3 lecture hours, 1.5 laboratory hours, 1 tutorial hour, 0.5 course.

*Effective **September 1, 2012**, the calendar description for ECE4445A/B should be updated to reflect changes in anti-requisites.*

Electrical and Computer Engineering 4445A/B - Introduction to Digital Image Processing

This course covers the fundamentals of digital image processing, including image representation, histograms, contrast enhancement, geometric operations, registration, digital filtering and segmentation. Emphasis is placed on implementation of algorithms and on practical applications in industry, science and medicine.

Antirequisite(s): Medical Biophysics 4445A/B

Prerequisite(s): ECE 3331A/B and completion of the third year of the Electrical, Computer or Software Engineering program.

3 lecture hours, 0.5 course.

*Effective **September 1, 2012**, the calendar description for ECE4455A/B should be updated to reflect changes in pre- and anti-requisites.*

Electrical and Computer Engineering 4455A/B - Engineering Analysis of Physiological Systems

An introduction to biomedical engineering organized around applications of linear and control system models to organ system regulation and adaptation. Emphasis will be placed on respiratory and cardiovascular physiology and interactions of those systems with medical devices.

Antirequisite(s): Medical Biophysics 4455A/B

Prerequisite(s): Chemistry 1024A/B, ECE 2233A/B and ECE 3330A/B or equivalent, completion of third year of the Electrical or Computer Engineering programs.

3 lecture hours, 0.5 course.

Effective **September 1, 2012**, increase tutorial hours for Engineering Science 1021A/B to 2 hours per week.

Engineering Science 1021A/B – Properties of Materials in Engineering

An introduction to the relationship between the microstructure and engineering properties of metals, ceramics, polymers, semi-conductors and composites.

3 lecture hours, 2 tutorial hours, 0.5 course.

Effective **September 1, 2012**, the current version of the calendar copy for the course Engineering Science ES1022Y - Engineering Statics shall have the course contact hours updated to be consistent with the actual contact hours associated with this course as contained in the course outline.

Engineering Science 1022A/B/Y - Engineering Statics

Analysis of forces on structures and machines, including addition and resolution of forces and moments in two and three-dimensions. The application of the principles of equilibrium. Topics: trusses; frames; friction; and centroids.

3 lecture hours, 2 tutorial hours, 2 lecture hours/week; 1 tutorial hour/week for ten weeks each term - this is equivalent to 3 lecture hours/week and 2 tutorial hours/week over one term (0.5 course).

Effective **September 1, 2012**, the name of MSE 3301A/B be changed to Materials Selection and Manufacturing Processes.

Mechatronic Systems Engineering 3301A/B - Materials Selection and Smart Materials Manufacturing Processes

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.

Antirequisite(s): MME 3379A/B.

Prerequisite(s): MSE 2202A/B.

3 lecture hours, 2 laboratory hours, 0.5 course.

Restricted to students enrolled in the Mechatronic Systems Engineering program.

Effective **September 1, 2012**, introduce a new technical elective course - CBE 4485 Energy and Society - for the Chemical Engineering Option.

Chemical and Biochemical Engineering 4485A/B – Energy and Society

Energy is the greatest challenge facing humanity in the 21st century. This course will cover the historical aspects of energy conversion and use by humans, the types of energy available (including both renewable and non-renewable), their conversion to useful forms of energy, conversion efficiency, and cost of conversion. A very important aspect of the course is the environmental effect of energy conversion. The atmospheric pollution by greenhouse gases as well as conventional pollutants during energy conversion will be discussed. The main methods of pollution reduction by power industries will be presented.

Prerequisite(s): CBE 2224A/B ; Registration in the Chemical Engineering Option

3 lecture hours, 1 tutorial hour; 0.5 course.

FACULTY OF SCIENCE

BIOLOGY

Effective **September 1, 2012**, Biology 3355A/B Molecular Cell Biology of Stress will be introduced by the Department of Biology in the Faculty of Science.

Biology 3355A/B - Molecular Cell Biology of Stress

This course will cover a range of environmental, physiological, and pathological stresses common to animal systems. The focus will be on evolutionary conserved cell stress responses, individual signaling pathways and the molecules controlling the action of specific stress stimuli.

Prerequisite(s): Biology 2382B

2 lecture hours, 1 tutorial hour, 0.5 course.

Effective **September 1, 2012**, Biology 4200A/B: Selected Topics in Biology be introduced in the Department of Biology in the Faculty of Science.

Biology 4200A/B - Selected Topics in Biology

Taught at an advanced undergraduate level. The specific topics taught may vary each year. Consult the Department of Biology for information about the current offering.

Prerequisite(s): Completion of at least 1.5 Biology courses at the 3000 level or above and registration in Year 4 of an Honors Specialization module offered by the Department of Biology.
2 lecture hours, 0.5 course.

CHEMISTRY

Effective **September 1, 2013** the pre-requisites for Chemistry 1100A/B – Discovering Chemistry I, offered by the Department of Chemistry in the Faculty of Science, will be revised to require Grade 12U Chemistry (SCH4U). Grade 11U Chemistry (SCH3U) and permission of the department will no longer be listed as an acceptable pre-requisite.

Chemistry 1100A/B Discovering Chemistry I

An introduction and survey of the foundational principles and reactions in chemistry, highlighting their broader relevance and applicability in modern science. Topics may include: properties of the elements, chemical bonding, thermochemistry and thermodynamics and aspects of inorganic chemistry.

Antirequisite(s): Chemistry 1024A/B or the former Chemistry 1050, 1020, 023.

Prerequisite(s): Grade 12U (SCH4U) chemistry.

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

COMPUTER SCIENCE

Effective **September 1, 2012**, Computer Science 2124A/B: Introduction to Medical Computing will be introduced in the Department of Computer Science, Faculty of Science, with the following course description.

Computer Science 2124A/B: Introduction to Medical Computing

This course introduces computing fundamentals as they relate to medical computing. A series of topics is covered, including topics selected from: health information systems and standards, data privacy, medical imaging, modeling, simulation and data analysis, computer-aided diagnosis, embedded software in instruments, computer-aided procedures and telemedicine.

Antirequisite(s): Computer Science 2125F/G

Prerequisite(s): 1.0 course from Calculus 1000A/B, 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, or the former Mathematics 030.

3 lecture hours, 0.5 course.3

Effective **September 1, 2012**, the Department of Computer Science, Faculty of Science, modifies Computer Science 2125F/G in response to the introduction of the twinned course Computer Science 2124A/B.

Computer Science 2125F/G - Introduction to Medical Computing

This course will cover the same material as Computer Science 2124A/B, but will also provide students with the opportunity to enhance their essay-writing skills while pursuing assignments and/or projects involving medical computing.

Antirequisite(s): Computer Science 2124A/B

3 lecture hours, 0.5 course.

Effective **September 1, 2012**, Computer Science 3326F/G: Law in Computer Science will be introduced in the Department of Computer Science, Faculty of Science, with the following course description.

Computer Science 3326F/G: Law in Computer Science

This course will cover the same material as Computer Science 3325A/B, but will also provide students with the opportunity to enhance their essay-writing skills while pursuing assignments and/or projects involving law in computer science.

Antirequisite(s): Computer Science 3325A/B

Prerequisite(s): 1.5 courses from Computer Science 2208A/B, 2209A/B, 2210A/B, 2211A/B, 2212A/B/Y.
3 lecture hours, 0.5 course.

Note: Cannot be taken for credit by students in the concurrent degree program in Law and Computer Science.

*Effective **September 1, 2012**, the Department of Computer Science, Faculty of Science, modifies Computer Science 3325A/B in response to the introduction of the twinned course Computer Science 3326F/G.*

Computer Science 3325A/B - Law in Computer Science

An examination of aspects of law and policy that relate to the creation, protection and implementation of software and hardware; attention is directed towards issues of current importance of which every computer scientist should be aware.

Antirequisite(s): **Computer Science 3326F/G**

Prerequisite(s): 1.5 courses from Computer Science 2208A/B, 2209A/B, 2210A/B, 2211A/B, 2212A/B/Y.
3 lecture hours, 0.5 course.

Note: Cannot be taken for credit by students in the concurrent degree program in Law and Computer Science.

EARTH SCIENCES

*Effective **September 1, 2012**, the course Earth Sciences 4452Z: International Geoscience Field Experience, be introduced in the Department of Earth Sciences.*

Earth Sciences 4452Z: International Geoscience Field Experience

A research-level field course to globally significant international or Canadian geological type localities. Students will gain practical field experience through the collection, analysis, and presentation of primary geological and geophysical field data. Lectures/ seminars/ practical exercises will emphasize the interaction between the physical, chemical, and biological aspects of the Earth system.

Prerequisite(s): Earth Sciences 2250Y and registration in year 4 of a Specialization, Honors Specialization or Professional Program offered by the Department of Earth Sciences with a minimum cumulative average of 70%.

A 10 to 14 day field course typically held in April/May although it may be offered at other times of the year given the weather in international locations, 0.5 course.

Note: Students must register prior to the September "Add" deadline for full year courses (see Undergraduate Sessional Dates). Registration in the course is conditional and competitive as course costs are largely covered by external funds raised by the department just prior to departure. A committee will adjudicate students on the basis of grades in program courses, a vision statement submitted as part of the application process, and demonstrated interest in field studies. Course may not be used towards minimum graduation requirements. Students who are not successful will have the course dropped from their record; normal drop dates do not apply to this course. Students are expected to contribute toward the cost of accommodation, food, and miscellaneous expenses.

*Effective **September 1, 2012**, the course prerequisites for Earth Sciences 2266F/G be revised.*

Earth Sciences 2266F/G - Dinosaur and other Vertebrate Evolution

Introduction to the fossil record that documents the major steps in vertebrate evolution, including the origin and radiation of fishes, amphibians, mammal-like reptiles, dinosaurs, birds, and mammals.

Prerequisite(s): Completion of first-year requirements, and registration in an Earth Sciences, Biology, or Anthropology **or Kinesiology** module.

Extra Information: 3 lecture hours, 0.5 course.

*Effective **September 1, 2012**, the course description for Earth Sciences 4421A/B be revised.*

Earth Sciences 4421A/B - Physics of the Earth II

Advanced topics in the physics of the Earth **and planets including: magnetism; paleomagnetism and the geomagnetic timescale; radioactivity, radioactive dating and Earth's age; elasticity and flexure of plates; principles of continuum mechanics; elastic properties of the Earth's lithosphere; principles of isostasy; rheology of rocks; shape and rotation of the Earth.**

Prerequisite(s): Earth Sciences 3321A/B.

3 lecture hours, 0.5 course.

SCHULICH SCHOOL OF MEDICINE AND DENTISTRY

MEDICAL HEALTH INFORMATICS

Effective **September 1, 2012**, Medical Health Informatics 4100F: Health Informatics, Medical Health Informatics 4110G: Health Information Management, and Medical Health Informatics 4980E: Seminar and Research Project, will be introduced by the Department of Pathology in the Schulich School of Medicine & Dentistry.

Medical Health Informatics 4100F: Health Informatics

Fundamentals of Health Informatics including an overview of the health care system; computer systems; communications/ information theory; data types, standards, quality, uses and users; and HI applications. Uses of computers in health care with emphasis on various clinical support and clinical information systems and the electronic health record and its achievability.

Antirequisite(s): the former Pathology 4100F

Prerequisite(s): Enrollment in Year 4 of either an Honors Specialization in Pathology and Toxicology or an Honors Specialization in Medical Health Informatics, or enrollment in Year 4 of Software Engineering (Health Informatics option) offered through the Department of Electrical and Computer Engineering, or permission of the course director.

2 lecture hours, 2 laboratory/tutorial hours, 0.5 course.

Medical Health Informatics 4110G: Health Information Management

The flow, management and use of health data across integrated health facilities, clinical information systems and the care continuum will be examined. Implementation of complex health information systems will be explored, including security and privacy of health information, adoption of new technologies, team and project management.

Antirequisite(s): the former Pathology 4110G

Prerequisite(s): Medical Health Informatics 4100F or the former Pathology 4100F; and enrollment in Year 4 of either an Honors Specialization in Pathology and Toxicology or an Honors Specialization in Medical Health Informatics, or enrollment in Year 4 of Software Engineering (Health Informatics option) offered through the Department of Electrical and Computer Engineering, or permission of the course director.

2 lecture hours, 0.5 course.

Medical Health Informatics 4980E: Seminar and Research Project

Major research project and weekly seminar course for the Honors Specialization in Medical Health Informatics. Includes: i) theory and practice of research methodology and critical appraisal of research literature, ii) an independent research project supervised by faculty, and iii) preparation of a research proposal and final written research project report.

Prerequisite(s): Registration in Year 4 of an Honors Specialization in Medical Health Informatics.

Minimum 12 laboratory hours per week plus 3 seminar hours per week. 1.5 course.

MEDICAL SCIENCES

Effective **September 1, 2012**, Medical Sciences 3999A/B/Y: Experiential Learning, be introduced for students in the Bachelor of Medical Sciences (BMSc) program and the BSc (Neuroscience) program in the Schulich School of Medicine & Dentistry.

Medical Sciences 3999A/B/Y: Experiential Learning

Experiential or service learning (learning through practical experience) opportunities such as Western Heads East, which result in tangible and quantifiable academic value, may be recognized for course credit. Students must seek conditional approval. Detailed criteria for course credit will be determined by the Dean or designate, in consultation with appropriate department(s).

Antirequisite: Experiential Learning courses offered by any Faculty/School

Prerequisite: Registration in the Schulich School of Medicine & Dentistry (BSc or BMSc Program) and permission of the Dean

0.5 course, Pass/Fail

Note: Students must receive approval of the Dean (or designate) and reach mutual agreement on a detailed study/research/work plan, prior to the experiential or service learning opportunity. The Dean, in consultation with appropriate departmental advisors (if necessary) will provide the student with detailed criteria which must be fulfilled in order to gain credit for the course. No credit will be given without prior approval of the Dean and a failing grade will be assigned if students do not fulfill the pre-approved reporting arrangement.

Effective **September 1, 2012**, the Honors Specialization in Medical Sciences, offered by the Basic Medical Science departments in the Schulich School of Medicine & Dentistry, will be revised by (i) splitting the list of 5.0 Basic Medical Science courses at the 2000-, 3000- and 4000-level into two lists, (ii) adding the Basic Medical Science courses that have been introduced since the last revision to the module, and (iii) clarifying the "discipline" and laboratory requirements for the module.

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, or the former Medical Sciences 400E.

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, 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, Microbiology and Immunology 4100A, 4200B, 4300A, 4700B, Pathology 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 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.

* ~~With these 5.0 courses,~~ 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
- ~~1.0 course from: any of the Basic Medical Science disciplines, including disciplines already selected (e.g. 1.0 additional course in Physiology, or 0.5 course in Biochemistry and 0.5 course in Pharmacology).~~

Basic Medical Science disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Biophysics, Microbiology and Immunology, Pathology, Pharmacology, and Physiology. ~~History of Science courses may not be used to satisfy the 'discipline requirement'.~~

Notes for the Module

1. ~~In addition to Biology 2290F/G and Chemistry 2213A/B, one half course with a laboratory component chosen from those courses available in the module (e.g. Chemistry 2223B or Microbiology and Immunology 2100A) must be completed prior to entering the final year of the module.~~

2. ~~When selecting courses for Years 3 and 4, students are advised to check the Undergraduate Course Information in the Academic Calendar for prerequisite information, and the Constraint charts under "Courses" on the BMSc website (www.uwo.bmsc) for information about priority/restricted access to courses.~~

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.

Effective September 1, 2012, the Specialization in Medical Sciences, offered by the Basic Medical Science departments in the Schulich School of Medicine & Dentistry, will be revised by (i) splitting off the list of 4000-level courses, (ii) adding Basic Medical Science courses that have been introduced since the last revision to the module, and (iii) clarifying the "discipline" and "laboratory" requirements for the module.

Module

9.0 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.

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.

1.0 course* from: Anatomy and Cell Biology 4410A, 4411B, 4429A, 4451F/G, 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, Microbiology and Immunology 4100A, 4200B, 4300A, 4700B, Pathology 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 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.

1.5 additional courses from the lists above*

* ~~With these 5.5 courses,~~ The following 'discipline requirement' must be satisfied **with these 5.5 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
- ~~1.5 courses from: any of the Basic Medical Science disciplines, including disciplines already selected (e.g. 1.0 additional course in Physiology, or 0.5 course in Biochemistry and 0.5 course in Pharmacology).~~

Basic Medical Science disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Biophysics, Microbiology and Immunology, Pathology, Pharmacology, and Physiology. ~~History of Science courses may not be used to satisfy the 'discipline requirement'.~~

Notes for the Module:

1. ~~In addition to Biology 2290F/G and Chemistry 2213A/B, one half course with a laboratory component chosen from those courses available in the module (e.g. Chemistry 2223B or Microbiology and Immunology~~

2100A) must be completed prior to entering the final year of the module.

2. When selecting courses for Years 3 and 4, students are advised to check the Undergraduate Course Information in the Academic Calendar for prerequisite information, and the Constraint charts under "Courses" on the BMSc website (<http://www.uwo.bmsc/>) for information about priority/restricted access to courses.

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.

Effective **September 1, 2012**, the Major in Medical Sciences, offered by the Basic Medical Science departments in the Schulich School of Medicine & Dentistry, will be revised by adding Basic Medical Science courses that have been introduced since the last revision to the module, and re-wording the discipline requirement.

Module

6.0 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.

1.0 course from: Biology 2290F/G, 2382B, 2581B.

3.0 courses* from: Anatomy and Cell Biology 3309, 3319, Biochemistry 3380G or 3387G, 3381A, 3382B, 3385A, 3386B, Epidemiology and Biostatistics 3330B, **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.

* ~~With these 3.0 courses~~ The following 'discipline requirement' must be satisfied **with these 3.0 courses**:

- A minimum of 1.0 course must be taken from one of the Basic Medical Science disciplines (below), and
- A minimum of 1.0 course must be taken from a different Basic Medical Science discipline.
- ~~1.0 course from: any of the Basic Medical Science disciplines, including disciplines already selected (e.g. 1.0 additional course in Anatomy and Cell Biology, or 0.5 course in Biochemistry and 0.5 course in Pharmacology).~~

Basic Medical Science disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Biophysics, Microbiology and Immunology, Pathology, Pharmacology, and Physiology. ~~History of Science courses may not be used to satisfy the 'discipline requirement'.~~

Notes for the Module:

Students are advised to consult the BMSc website (www.uwo.ca/bmsc) for information about constraints (priority and restricted access) for all Basic Medical Science courses.

~~1.~~ Basic Medical Science courses at the 4000-level may be included in the Major only with permission of the Medical Sciences counselor.

~~2.~~ For information about constraints and accessing courses, please see "Courses" on the BMSc website (www.uwo.bmsc/).

Effective **September 1, 2012**, the Combined BMSc/HBA Program, offered by the Basic Medical Science departments in the Schulich School of Medicine & Dentistry and the Richard Ivey School of Business, will be revised by (i) separating the requirements for Years 4 and 5 of the BMSc portion of the combined program, and (ii) adding Basic Medical Science courses that have been introduced since the last revision to the module.

Year 1

...

Years 4 and 5: BMSc requirements for the Honors Specialization in Medical Sciences

Because 4000-level courses offered by the Basic Medical Sciences Departments require certain prerequisites, students should consult with the Medical Sciences counsellor or the BMSUE Coordinator prior to selecting courses for Years 4 and 5.

Year 4:

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.

0.5 course from any faculty (see Notes above – may be delayed until Year 5)

* ~~With these 4.5 courses~~ The following 'discipline requirement' must be satisfied **with these 3.0 courses**:

- A minimum of 1.0 course must be taken from one of the Basic Medical Science disciplines (below), and
- A minimum of 1.0 course must be taken from a different Basic Medical Science discipline

Basic Medical Science disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Biophysics, Microbiology and Immunology, Pathology, Pharmacology, and Physiology. ~~History of Science courses may not be used to satisfy the 'discipline requirement'.~~

When selecting courses for Year 4, 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

Year 5:

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

1.5 courses from: Anatomy and Cell Biology 4410A, 4411B, 4429A, 4451F/G, 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, Microbiology and Immunology 4100A, 4200B, 4300A, 4700B, Pathology 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 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.

Notes for the BMSc component:

1. ~~The breadth requirement of a BMSc degree must be satisfied (1.0 course from Category B must be completed prior to graduation).~~ See the "Graduation Requirements for Honors Bachelor degrees" in the Academic Information section
2. To satisfy the essay requirement of a BMSc degree, one half course that is designated as an essay course (F or G) must be included in addition to Biology 2290F/G, Medical Sciences 4900F/G, 4930F/G.

Note: Both the breadth and essay requirements of a BMSc degree must be satisfied. See "Graduation Requirements for Honors Bachelor degrees".

PATHOLOGY AND TOXICOLOGY

Effective **September 1, 2012**, Pathology 4100F: Health Informatics and Pathology 4110G: Health Information Management will be withdrawn from the course offerings of the Department of Pathology in the Schulich School of Medicine & Dentistry.

Effective **September 1, 2012**, the Honors Specialization in Pathology and Toxicology, offered by the Department of Pathology in the Schulich School of Medicine & Dentistry, be revised by replacing Pathology 4100F and Pathology 4110G with Medical Health Informatics 4100F and 4110G (or the former Pathology 4100F and 4110G).

Honors Specialization in Pathology and Toxicology**Module**

11.0 courses:

0.5 course: Biochemistry 2280A.

0.5 course from: Biology 2382B.

0.5 course from: Biology 2290F/G, 2581B.

0.5 course: Chemistry 2213A/B.

0.5 course from: Chemistry 2211A/B, 2214A/B, 2223B.

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

0.5 course from: Biology 3316A/B, Chemistry 2272F, Epidemiology and Biostatistics 2200A/B or the former 3330B, Physiology 3140A, **Medical Health Informatics 4100F or the former** Pathology 4100F, **Medical Health Informatics 4110G or the former** Pathology 4110G.

1.0 course: Pharmacology 3620, or the former Pharmacology 3550A/B and 3560A/B.

1.0 course from: Anatomy and Cell Biology 3309, 3319.

1.0 course: Physiology 3120.

2.0 courses: Pathology 3240A, 3245B, 4400A/B, 4500B.

1.5 courses: Pathology and Toxicology 4980E (Research Project = 1.5 courses).

1.0 course from: Medical Sciences 4100F/G, Pharmacology 4320A/B, 4340A/B, 4360A/B, 4380A/B, 4430A/B, 4540A/B, 4620A, 4630A, 4660A/B, the former Pathology 3900F/G.

Note: A minimum average of 70% in all Pharmacology courses, and a minimum mark of 75% in each of Pathology 3240A and 3245B, are required to progress in this module.

FACULTY OF SOCIAL SCIENCE**FIRST NATIONS STUDIES**

Effective **September 1, 2012**, First Nations Studies 4903F/G (cross listed as History 4815F/G) be introduced.

First Nations Studies 4903F/G: Indigenous Historical Research and Methodologies

This course examines Indigenous constructions of history as well as issues and tensions between Indigenous peoples and the contemporary discipline of history. Themes will include Indigenous historical methodologies (including but not limited to oral histories), re-examining the colonial historic record, and contemporary Tribal Nation history projects.

Prerequisite(s): History 2209E or FNS 2901; and one other History course at the 2200 level or above, or one FNS 2000-level course or above

Antirequisite(s): History 4815F/G, History 4298F taken in 2011
2 seminar hours, 0.5 course.

HISTORY

Effective **September 1, 2012**, History 4815F/G: *Indigenous Historical Research and Methodologies* be introduced.

History 4815F/G: Indigenous Historical Research and Methodologies

This course examines Indigenous constructions of history as well as issues and tensions between Indigenous peoples and the contemporary discipline of history. Themes will include Indigenous historical methodologies (including but not limited to oral histories), re-examining the colonial historic record, and contemporary Tribal Nation history projects.

Prerequisite(s): History 2209E or FNS 2901E, and one other History course at the 2200 level or above.

Antirequisite(s): FNS 4903F/G, History 4298F taken in 2011

2 seminar hours, 0.5 course.

Effective **September 1, 2012**, History 3513F/G: *"The Cuban Revolution: Origins and Legacy"* be introduced.

History 3513F/G: The Cuban Revolution: Origins and Legacy

The Cuban Revolution was a seminal event that affected Cuba and all Latin American countries, and shaped their relations with the United States during the second half of the twentieth century. This course analyzes the causes of the Cuban Revolution and consequences for Cuba and the rest of Latin America.

Prerequisite(s): 1.0 course in History at the 2200 level or above

Antirequisite(s): History 3596G taken in 2010, summer 2011

2 lecture/seminar hours 0.5 course

BRESCIA UNIVERSITY COLLEGE**DIMENSIONS OF LEADERSHIP**

Effective **September 1, 2012**, *Dimensions of Leadership 3340A/B Special Topics in Dimensions of Leadership* will be introduced at Brescia University College.

Dimensions of Leadership 3340A/B Special Topics in Dimensions of Leadership

Prerequisite (s): Dimensions of Leadership 2231 or 2232A/B or permission of the Coordinator of Leadership Studies

3 hours, 0.5 course (Brescia)

KING'S UNIVERSITY COLLEGE**SOCIAL JUSTICE AND PEACE STUDIES**

Effective **September 1, 2012**, *Social Justice and Peace Studies 2201F/G* be revised.

Social Justice and Peace Studies 2201F/G/Z– Service Learning Project

Current social justice theories and concepts will be applied to an actual justice-oriented service learning project which students will co-design with a partner non-profit organization. Students will develop a better understanding of the interrelationship between theory and practice and critically reflect upon their roles in furthering social justice goals **through bi-weekly placements and discussion.**

Antirequisite(s): Social Justice and Peace Studies 2200E if taken prior to 2008.

Prerequisite(s): **Interdisciplinary Studies 2240F/G**

Corequisite(s): Social Justice and Peace Studies 2200E, **Interdisciplinary Studies 2240F/G.**

3 ~~lecture~~ hours, 0.5 course.

(King's)

WRITING

Effective **September 1, 2012**, *antirequisites for Writing 1020F/G* will be revised to include *Writing 0002F/G* and *1022F/G* at King's University College.

Writing 1020F/G - Writing: Introduction to University Essay Writing

A practical introduction to the basics of successful academic writing, designed for first-year students in all disciplines. Topics will range from grammar, sentence structure, and paragraphing to the principles of scholarly argument and research.

Antirequisite(s): Writing 0002F/G, Writing 1022F/G, Writing 1021F/G, Writing 2101F/G

3 lecture/tutorial hours, 0.5 course.

[This course will not serve as a prerequisite for any area of concentration]

(Brescia, King's)

DAP UPDATE: MINOR CHANGES

HEALTH SCIENCES

The title of **PEDS 6001: Practical Foot Mechanics** was changed to **PEDS 6001: Functional Lower Limb Anatomy and Gait Biomechanics**.

The title of **PEDS 6014: Orthotic Theory** was changed to **PEDS 6014: Foot Orthoses Theory**.

SCHULICH SCHOOL OF MEDICINE AND DENTISTRY and FACULTY OF SCIENCE

The title of **Pharmacology 4540A/B: Molecular Mechanisms of Disease and Therapy: Cell Proliferation, Tissue Repair and Regenerative Medicine** was changed to **Pharmacology 4540A/B: From Genes to Therapies: Targeted Strategies in Medicine**.

The title of **Physiology 4620A/B: Reproductive and Endocrine Physiology** was changed to **Physiology 4620A/B: Reproductive Endocrinology**.

SOCIAL SCIENCE

The **Specialization in Accounting** in the DAN Program Management and Organizational Studies was revised to clarify a module requirement, from "1.0 course normally taken...and 0.5 2000-level" to "1.0 course normally taken...and 0.5 **MOS** 2000-level".