The following proposals, received on DAP between June 16-30, 2013, have been approved. For more information on the DAP process, see the Academic Handbook at <a href="https://www.uwo.ca/univse/handbook">www.uwo.ca/univse/handbook</a>.

# **FACULTY OF ARTS AND HUMANITIES**

#### **FRENCH STUDIES**

Effective **September 1, 2013**, the calendar entry for French 4600E Research Methods and Independent Paper will be modified to list French 4100F/G Research Paper as an antirequisite.

# French 4600E - Research Methods and Independent Paper

In this capstone course, students will solidify the skills and knowledge acquired during their studies in French. Bi-monthly group meetings will focus on research methods and professional writing and each student, under the supervision of a faculty member, will develop a research project oriented towards his or her professional interests.

Antirequisite(s): French 4100F/G

Prerequisite(s): 4th-year Honors Specialization in the Department of French Studies and at least 1.0 course in French literature or French linguistics at the 3000 level (3500-3899), or permission of the Department.

1.0 course (0.5 in-class component + 0.5 independent research paper)

Effective **September 1, 2013**, French 4900A/B and French 4901A/B will be listed as antirequisite to each other.

# French 4900A/B - Language (Advanced Level IV, Special Topic)

Study of specific problems in French language.

Antirequisite(s): French 4901A/B

Prerequisite(s): French 3900 or French 3300 or (both French 3306A/B and 3307A/B) or permission of the Department of French Studies, based on Placement Test.

3 lecture hours, 0.5 course.

# French 4901A/B - Language (Advanced Level IV, Special Topic)

Study of specific problems in French language.

Antirequisite(s): French 4900A/B

Prerequisite(s): French 3900 or French 3300 or (both French 3305A/B and 3306A/B) or permission of the Department of French Studies based on Placement Test.

3 lecture hours, 0.5 course.

Effective **September 1, 2013**, the Department of French Studies will introduce a new (0.5) 2000-level course in intensive writing practice: French 2907A/B "Writing Workshop in French".

# French 2907A/B - Writing Workshop in French

This course introduces students to effective writing practices. The emphasis will be placed on writing through analysis of texts of various genres, in-class exercises, peer workshops, journaling and short compositions. Students will learn effective strategies of composition, including revising, editing and proofreading written texts. Prerequisite(s): French 1900E or French 1910 or permission of the Department of French Studies 3 lecture/tutorial hours, 0.5 course.

Effective September 1, 2013, the Department of French Studies will offer 4 new 3000-level language courses.

# French 3905A/B - Reading Texts

This course will improve skills in the close reading and understanding of written and oral texts in French in a variety of different genres. Emphasis will be placed on grammatical, stylistic and rhetorical analysis and acquiring interpretive skills for understanding effects such as irony, presuppositions, connotations, and on vocabulary enhancement.

Antirequisite(s): French 3900

Prerequisite(s): two 0.5 credits from French 2905 A/B, French 2906 A/B, French 2907A/B (or French 2900) 3 lecture/tutorial hours, 0.5 course

# French 3906A/B - Speaking Texts

This course focuses on improving pronunciation and enunciation of oral French. Through the study of oral and written texts from different genres and historical and geographic origins, students will acquire the ability to understand and interpret written language, and to use appropriate techniques (rhythm, intonation) to convey meaning orally.

Prerequisite(s): Two 0.5 credits from French 2905A/B, French 2906A/B, French 2907A/B (or French 2900) 3 lecture/tutorial hours, 0.5 course

# French 3907A/B - Writing Texts

This course will enable students to improve their written communication skills in French. The emphasis will be placed on the practical development of writing abilities through in-class exercises, and a review of the principles of composition, of various rhetorical styles (description, narration, argumentation, etc.) and of writing mechanics. Antirequisite(s): French 3900

Prerequisite(s): two 0.5 credits from French 2905A/B, French 2906A/B, French 2907A/B (or French 2900) 3 lecture/tutorial hours, 0.5 course

#### French 3908A/B - Intensive Grammar Review

This course reviews the essential elements of French grammar and aims to consolidate the grammatical knowledge acquired in previous courses.

Antirequisite(s): French 3900

Prerequisite(s): two 0.5 credits from French 2905A/B, French 2906A/B, French 2907A/B (or French 2900) 3 lecture/tutorial hours, 0.5 course

Effective September 1, 2013, the French Major modules be modified as follows.

#### MAJOR IN FRENCH LANGUAGE AND LITERATURE

# **Admission Requirements**

Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60%.

#### Module

6.0 courses:

- 1.0 course from: French 2905A/B, and 2906A/B, 2907A/B (or French 2900), taken in Second Year.
- 1.0 course: French 2605F/G and 2606F/G (or French 2600E), taken in Second Year.
- 1.0 course from: French 3900, French 3905A/B 3908A/B.
- 4.5 2.0 courses in French at the level above 3500 and below 3799.
- 0.5 course from: French 4900A/B, 4901A/B, French 4902A/B (Huron students only).
- 1.0 additional course in French at the 3000 level or above.

1.0 course from either French 3870A/B and 0.5 French 4000-level, or 1.0 French 4000-level with a maximum of 0.5 from French 4900A/B, 4901A/B, 4902A/B (Huron Students only)

Note: Both of French 2605F/G and 2606F/G (or French 2600E) are prerequisites for further studies in French Literature. French 2805A/B and 2806A/B are prerequisites for further studies in French Linguistics.

# MAJOR IN FRENCH LANGUAGE AND LINGUISTICS

#### **Admission Requirements**

Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60%.

# Module

6.0 courses:

- 1.0 course from: French 2905A/B, and 2906A/B, 2907A/B (or French 2900), taken in Second Year.
- 1.0 course: French 2805A/B and 2806A/B (or the former French 2800), taken in Second Year.
- 1.0 course from: French 3900, French 3905A/B 3908A/B.
- 4.0 1.5 courses in French at the level above 3800 and below 3899. French 3810A/B, 3830A/B, 3870A/B.
- 0.5 course from: French 4811F/G (or former 4810A/B), French 4821F/G (or former 4820A/B), French 4830F/G, 4841F/G (or former 4840A/B), French 4850F/G, French 4881F/G (or former 4880A/B).

0.5 course from: French 4040A/B, French 4900A/B, 4901A/B, or French 4902A/B (Huron students only).

4.0 0.5 additional course in French at the 3000 level or above.

Note: Both of French 2605F/G and 2606F/G (or French 2600E) are prerequisites for further studies in French Literature. French 2805A/B and 2806A/B are prerequisites for further studies in French Linguistics.

#### **MAJOR IN FRENCH STUDIES**

# **Admission Requirements**

Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60%.

#### Module

6.0 courses:

1.0 course in second year: French 2905A/B and 2906A/B (or French 2900).

1.0 course: French 2605F/G and 2606F/G (or French 2600E), or French 2805A/B and 2806A/B (or former French 2800).

0.5 course from: French 2403A/B - 2408A/B or French 2907A/B

4.0 1.5 courses in French at the level above 3500 and below 3899.

1.0 course from: French 3900, French 3905A/B -3908A/B.

0.5 course from: French 4900A/B, 4901A/B, French 4902A/B (Huron students only).

4.5 1.0 additional course in French at the 3000 level or above.

Note: Both of French 2605F/G and French 2606F/G (or French 2600E) are prerequisites for further studies in French Literature and French 2805A/B and French 2806A/B are prerequisites for further studies in French Linguistics.

#### **FACULTY OF ENGINEERING**

Effective **September 1, 2013**, withdraw MME 4452A/B, Robotics and Manufacturing Automation from the list of approved technical electives in the fourth year of the Mechatronic Systems Engineering program.

# **MECHATRONIC SYSTEMS ENGINEERING**

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# \*\* Mechatronic Systems Engineering technical electives

Technical electives not chosen from this list require special permission:

ECE 4429A/B, ECE 4434A/B, ECE 4438A/B, ECE 4445A/B, ECE 4455A/B, ECE 4468A/B, ECE 4470A/B, MME 4424A/B, MME 4425A/B, MME 4452A/B, MME 4459A/B, MME 4464A/B, MME 4469A/B, MME 4473A/B, MME 4480A/B, MME 4482A/B, MME 4492A/B, SE 3351A/B, SE 3353A/B

# CHEMICAL AND BIOCHEMICAL ENGINEERING

Effective **September 1, 2013**, remove Business Administration 4430 from fourth year program requirements for CBE and GPE with Business options.

#### C. CHEMICAL ENGINEERING AND BUSINESS OPTION

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# **Fourth Year Program**

CBE 3310A/B, CBE 3315A/B, CBE 3318A/B, 3319A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3325A/B, ECE 2208A/B, Statistical Sciences 2143A/B, Business Administration 4430.

Applied Project Requirement: Business Administration 4569.

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#### **B. GREEN PROCESS ENGINEERING AND BUSINESS OPTION**

# **Fourth Year Program**

CBE 3318A/B, CBE 3323A/B, GPE 3310A/B, GPE 3315A/B, GPE 3322A/B, GPE 3325A/B, GPE 3324A/B, GPE 3382A/B, GPE 3395Y, ECE 2238A/B, Statistical Sciences 2143A/B, Business Administration 4430.

Applied Project Requirement: Business Administration 4569.

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#### **FACULTY OF SCIENCE**

#### **BIOLOGY**

Effective **September 1, 2013**, Biology 3467A/B Evolution and Reproduction will be introduced by the Department of Biology in the Faculty of Science.

# Biology 3467A/B Evolution and Reproduction

Evolutionary concepts taught using the framework of reproduction. Topics include evolution of various forms of reproduction, sex, the cost and consequences of different mating systems, sexual antagonism, egg-sperm coevolution, reproductive isolation between species. Current understanding of the genetic basis of evolutionary aspects of reproduction will also be discussed.

Prerequisite(s): A minimum of 60% in Biology 2581B

2 lecture hours, 1 tutorial/lecture, 0.5 course

#### PHYSICS AND ASTRONOMY

Effective September 1, 2013, the Faculty of Science modify the Minor in Advanced Physics as listed below.

# MINOR IN ADVANCED PHYSICS

# **Admission Requirements**

Available only to those students who will complete an Honors Specialization or Specialization in Physics, Astrophysics, or Medical Physics.

#### Module

4.0 courses:

3.0 courses from: Physics 3151A/B, 3380A/B, 3809A/B, 4251A/B, 4351A/B, 4551A/B, 4810A/B, 4850A/B, Astronomy 4101A/B, 4602A/B, Applied Mathematics 3129A/B, 4129A/B, 4151A/B, 4253B, 4353B.

1.0 course from: Applied Mathematics 2811B, 2813B, 3811A/B, 3813A/B, 3815A/B, 4613A/B, 4615F/G, 4617A/B, 4815A/B, 4817A/B, 4819A/B.

1.0 course: Physics 4999E.

1.0 course from: Group A: Courses Involving Applied and Theoretical Physics

Any Physics or Astronomy course numbered 3000 or higher.

Applied Mathematics 3129A/B, 4129A/B, 4151A/B, 4253B, 4353B.

1.0 course from: Group B: Courses Involving Applied Mathematics and Computer Science

Applied Mathematics 2811B, 2813B, 3811A/B, 3813A/B, 4613A/B, 4615F/G, 4617A/B, 4815A/B, 4817A/B, 4819A/B.

Computer Science 2101A/B, 3101A/B, 3320A/B.

1.0 course from: Group A or Group B

If any of these courses are taken as part of an Honors Specialization or Specialization in Physics, Astrophysics, or Medical Physics, alternative courses must be selected from those listed in the Minor in Advanced Physics Group A.

Note: This module, together with an Honors Specialization or Specialization in Physics, Astrophysics, or Medical Physics provides a solid preparation for graduate studies in Physics is recommended for students considering graduate studies in one of these fields.

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

Effective **September 1, 2013**, the Honors Specialization in Medical Biophysics (Clinical Physics Concentration), offered by the Department of Medical Biophysics in the Schulich School of Medicine & Dentistry, will be revised.

# HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (CLINICAL PHYSICS CONCENTRATION)

This module leads to an Honors Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Students entering Years 2, 3 and 4 in September 2013 should see the Admission Requirements in the 2012/13 Academic Calendar.

Students will not be admitted to Year 2 of the Honors Specialization module beginning in September, 2014.

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#### Module

#### 11.5 courses:

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

0.5 course from: Calculus 2303A/B, 2503A/B.

1.5 courses: Physics 2101A/B, 2102A/B, 2110A/B.

1.0 course from: Physiology 2130 or 3120.

3.0 courses: Medical Biophysics 3330F/G, 3501F, 3503G, 3505F, 3507G, 3970Z.

2.0 courses: Physics 3200A/B, 3300A/B, 3380A/B, 3400A/B.

1.0 course from: Physics at the 3000- or 4000- level.

0.5 course from: Medical Biophysics 4445A/B, 4455A/B, 4535A/B.

1.5 courses: Medical Biophysics 4971E.

#### MEDICAL SCIENCES/INTERDISCIPLINARY MEDICAL SCIENCES

Effective **September 1, 2013**, the Group A and B requirements for Medical Sciences and Interdisciplinary Medical Sciences (IMS) modules, offered by the Schulich School of Medicine & Dentistry, will be revised.

# MAJOR IN MEDICAL SCIENCES MINOR IN MEDICAL SCIENCES HONORS SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS) SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS) MAJOR IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

**Group A**: Anatomy and Cell Biology 3309, Biochemistry 3381A, 3382B, \*\*Biostatistics 3100A, 3110B, \*\*Epidemiology 2200A/B, 3200A, Medical Biophysics 3330F/G, 3336F/G, 3501F, 3503G, 3505F, 3507G, Microbiology and Immunology 2100A, 2500A/B, 3300A, 3400B, Pathology 3240A, 3245B, Pharmacology 3620, Physiology 3120, 3140A, or the former Epidemiology and Biostatistics 2200A/B.

**Group B**: Anatomy and Cell Biology 3319, Biochemistry 3385A, 3386B, 3390A, \*\*Epidemiology 3210B, 3315B, 3500A, Microbiology and Immunology 2500A/B, Pharmacology 2060A/B

\*\*Pending approval.

#### MICROBIOLOGY AND IMMUNOLOGY

Effective **September 1, 2014**, the following courses will be introduced by the Department of Microbiology and Immunology, Schulich School of Medicine & Dentistry.

# Microbiology and Immunology 3100A - Microbiology

This course will cover fundamental aspects of the ecology, structure, physiology, replication and genetics of bacteria and viruses. Topics include the pathogenesis of microorganisms, their role in disease, antibiotics, gene therapy vectors and vaccines.

Antirequisite(s): the former Microbiology and Immunology 2100A, 3400B

Prerequisite(s): Biochemistry 2280A; Biology 2581B; Microbiology and Immunology 2500A/B.

Pre- or Corequisite(s): It is recommended that Biochemistry 3381A be taken concurrently or previously.

3 lecture hours, 0.5 course

# Microbiology and Immunology 3610F - Microbiology Laboratory

Laboratory techniques used in the broad discipline of microbiology, including bacteriology and virology. Laboratory exercises include the staining, biochemical characteristics and identification of live bacteria, plus genetic techniques used to study microorganisms. This course runs parallel to, and applies basic principles acquired in, Microbiology and Immunology 3100A.

Antirequisite(s): the former Microbiology and Immunology 3600G, 2100A

Prerequisite(s): Biology 2581B; Microbiology and Immunology 2500A/B.

Pre- or Corequisite(s): Biochemistry 3381A; Microbiology and Immunology 3100A

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

# Microbiology and Immunology 3620G – Immunology Laboratory

This course will familiarize students with a variety of practical techniques used in immunology research and diagnostic laboratories. Basic principles acquired from Microbiology and Immunology 3300B will be applied in this laboratory course.

Antirequisite(s): the former Microbiology and Immunology 3600G

Prerequisite(s): Microbiology and Immunology 3100A; Biochemistry 3381A

Pre-or Corequisite(s): Microbiology and Immunology 3300B

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

Effective **September 1, 2014**, the following courses will be withdrawn by the Department of Microbiology and Immunology, Schulich School of Medicine & Dentistry.

Microbiology and Immunology 2100A - Biology of Prokaryotes

Microbiology and Immunology 3400B - Diversity of Prokaryotes and Viruses

Microbiology and Immunology 3600G – Laboratory Techniques in Microbiology and Immunology

Effective **September 1, 2013**, Microbiology and Immunology 4700B – Molecular Genetics of Gene Expression, will be withdrawn by the Department of Microbiology and Immunology, Schulich School of Medicine & Dentistry.

Effective **September 1, 2014,** the prerequisites and course description for Microbiology and Immunology 3300A – Immunology will be revised.

# Microbiology and Immunology 3300A-B - Immunology

Elementary concepts of innate and adaptive immunity, structure and function of the immune system, antigens and antibodies, genetic basis of the immune response, humoral and cellular immunity, immunological tolerance, organ and tissue transplantation, allergy, and autoimmunity autoimmune disease.

Prerequisite(s): Biochemistry 2280A; and Biology 2581B, Microbiology and Immunology 2500A/B. 2 lecture hours, 1 lecture/tutorial hour, 0.5 course.

Effective September 1, 2015, the following courses will be revised.

# Microbiology and Immunology 4100A - Bacterial Pathogenesis

A course offering an integrated view of the genetics and biochemistry of bacteria and their role in pathogenesis. Lectures and student presentations cover topics in bacterial pathogenesis focusing on medically important organisms bacterial pathogenesis mechanisms. Topics focus mainly on medically important bacterial pathogens, with an emphasis on how they cause disease and the host's immune defense mechanisms to these infectious microbes.

Prerequisite(s): Biochemistry 2280A; Biology 2581B; Microbiology and Immunology 2100A; Microbiology and Immunology 3100A or the former Microbiology and Immunology 3400B, with a mark of at least 70%, 3 lecture hours, 0.5 course

# Microbiology and Immunology 4200B - Molecular Virology

Cellular and molecular mechanisms of virus reproduction including approaches to the analysis of virus structure, virus-cell interaction, virus infection, oncogenes and viral transformation of cells to cancer cells. Various examples will be used from bacterial, plant and animal viruses. This course focuses on animal and human viruses and their host-pathogen relationships including immune evasion strategies, mechanisms of host

restriction, evolutionary relationships, disease pathogenesis and therapeutic applications of viral vectors. Prerequisite(s): Biochemistry 2280A; Biology 2581B; Microbiology and Immunology 3100A or the former Microbiology and Immunology 3400B, with a mark of at least 70%. 2 lecture hours, 2 tutorial hours, 0.5 course.

# Microbiology and Immunology 4300A – Advanced Clinical Immunology

This course covers advanced concepts in organization and regulation of the immune system. Includes structure and function of immunoglobulins and other immune cell receptors, B and T lymphocyte interactions and signal transduction, cellular regulation by cytokines, immunological effector mechanisms, and diseases of the immune system on cellular and molecular regulation of the immune system and their application to clinical conditions including autoimmune diseases, transplantation, and cancer. Recent advances and challenges in immunotherapeutics, immunology research, and immune mechanisms are highlighted.

Prerequisite(s): Biochemistry 2280A; Biology 2581B; Microbiology and Immunology 3300AB with a mark of at least 70%.

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

# Microbiology and Immunology 4970E - Research Project and Seminar

The major laboratory course for students in Honors Microbiology and Immunology. The course consists of lectures on laboratory safety, biosafety, use of animals in research, scientific integrity; an independent research project (topic and advisor chosen by consultation between student and faculty); scientific communication (two seminars and a written report).

Antirequisite(s): Biochemistry 4483E.

Prerequisite(s): Microbiology and Immunology 3600G 3610F and 3620G, with a mark in each of at least 70%, or the former Microbiology and Immunology 3600G with a minimum mark of 70%. Enrollment is limited, and is available only to students in Year 4 of the Honors Specializations in Microbiology and Immunology and Biochemistry of Infection and Immunity. Students in the Honors Specialization in Biochemistry of Infection and Immunity may substitute Biochemistry 3380G with a mark of at least 70% in place of Microbiology and Immunology 3610F and 3620G, or the former 3600G, as a prerequisite.

15 hours per week, 1.5 course.

Effective **September 1, 2013**, the Honors Specialization in Microbiology and Immunology will be revised. The Weighted Averages Chart will be revised for the Honors Specialization in Microbiology and Immunology to reflect these changes to the module.

#### HONORS SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY

This module leads to an Honors Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Students entering Year 2 in September 2013: should see (i) the Admission Requirements in the 2012/13 Academic Calendar and (ii) the Module requirements below. Note: Microbiology and Immunology 2100A must not be taken in 2013/14 by students entering Year 2 in September 2013.

Students entering Year 3 and 4 in September 2013: see the Admission Requirements and the Module requirements in the 2012/13 Academic Calendar. These students must take a 0.5 course in Biology, Chemistry or any of the basic medical sciences at the 3000-level or above as a replacement for Microbiology and Immunology 4700B.

Students will not be admitted to Year 2 of the Honors Specialization module beginning in September, 2014.

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#### Module

9.5 courses:

0.5 course: Biochemistry 2280A.

1.0 course: Chemistry 2213A/B, 2223B.

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

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

0.5 course: Biochemistry 3381A with a mark of at least 70%

2.0 2.5 courses: Microbiology and Immunology 2100A 2500A/B, 3100A, 3300AB, 3400B and 3600G 3610F,

3620G with marks of at least 70% in each.

2.0 1.5 courses: Microbiology and Immunology 4100A, 4200B, 4300A, 4700B.

1.5 course: Microbiology and Immunology 4970E (Research Project = 1.5 courses).

# **Weighted Average Chart**

Microbiology and Immunology – for students registering in Year 4 in 2013/14 and 2014/15	3.5 courses: Biochemistry 2280A; Biology 2581B, 2382B and 2290F/G; Chemistry 2213A/B and 2223B; Biology 2244A/B or Statistical Sciences 2244A/B.	2.5 courses: Biochemistry 3381A; Microbiology and Immunology 2100A, 3300A, 3400B and 3600G.
Microbiology and Immunology – for students registering in Year 4 in 2015/16 and onward	3.5 courses: Biochemistry 2280A; Biology 2581B, 2382B and 2290F/G; Chemistry 2213A/B and 2223B; Biology 2244A/B or Statistical Sciences 2244A/B.	3.0 courses: Biochemistry 3381A; Microbiology and Immunology 2500A/B, 3100A, 3300B, 3610F and 3620G.

Effective September 1, 2013, the Specialization in Microbiology and Immunology will be revised.

# SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY

This module leads to a Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Students entering Year 2 in September 2013: should see (i) the Admission Requirements in the 2012/13 Academic Calendar and (ii) the Module requirements below. Note: Microbiology and Immunology 2100A must not be taken in 2013/14 by students entering Year 2 in September 2013.

Students entering Year 3 and 4 in September 2013: see the Admission Requirements and the Module requirements in the 2012/13 Academic Calendar. These students must take a 0.5 course in Biology, Chemistry or any of the basic medical sciences at the 3000-level or above as a replacement for Microbiology and Immunology 4700B.

Students will not be admitted to Year 2 of the Specialization module beginning in September, 2014.

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#### Module

9.0 courses:

0.5 course: Biochemistry 2280A.

1.0 course: Chemistry 2213A/B, 2223B.

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

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

0.5 course: Biochemistry 3381A

1.5 courses: Microbiology and Immunology <del>2100A</del> 2500A/B, 3100A, 3300AB, and 3400B-with marks of at least 70% in each

0.5 1.0 course: Microbiology and Immunology 3600G-3610F, 3620G

2.0 1.5 courses: Microbiology and Immunology 4100A, 4200B, 4300A, 4700B.

1.0 course from Anatomy and Cell Biology, Biochemistry, Biology, Epidemiology and Biostatistics, Medical Biophysics, Pathology, Pharmacology or Physiology at the 2000- or 3000-level.

Effective September 1, 2013, the Major in Microbiology and Immunology will be revised.

# MAJOR IN MICROBIOLOGY AND IMMUNOLOGY

A degree containing this module normally requires 4 years for completion. When combined with one of the following Majors, this module leads to a Bachelor of Medical Sciences (BMSc) degree: Biochemistry, Interdisciplinary Medical Sciences (IMS) or Medical Sciences (see note below), Medical Biophysics, Medical Cell Biology, Pharmacology or Physiology. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for

more information.

Note: Students registered in Year 3 or 4 of a BMSc degree in 2013/14 will register in a Major in Medical Sciences, whereas students registered in Year 2 of a BMSc degree in 2013/14 will register in a Major in IMS. Students entering Year 2 in September 2013: should see (i) the Admission Requirements in the 2012/13 Academic Calendar and (ii) the Module requirements below. Note: Microbiology and Immunology 2100A must not be taken in 2013/14 by students entering Year 2 in September 2013.

Students entering Year 3 and 4 in September 2013: see the Admission Requirements and the Module requirements in the 2012/13 Academic Calendar.

Students pursuing a Bachelor of Medical Sciences (BMSc) degree will not be admitted to Year 2 of the Major beginning in September, 2014. Students in other degrees will continue to be admitted to the Major in Year 2.

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# Module

6.0 courses:

0.5 course: Biochemistry 2280A.

1.0 course: Chemistry 2213A/B, 2223B.1.0 course: Biology 2382B, 2581B.

0.5 course: Microbiology and Immunology 2100A 2500A/B.

0.5 course: Biochemistry 3381A.

4.5 1.0 course: Microbiology and Immunology 3100A, 3300AB, 3400B, 3600G.

0.5 course from: Microbiology and Immunology 3610F, 3620G.

1.0 course from: Microbiology and Immunology 4100A, 4200B, 4300A, the former Microbiology and Immunology 4700B.

Note: Some modular courses include a mark requirement in their prerequisite(s). See UNDERGRADUATE COURSE INFORMATION.

Effective September 1, 2013, the Minor in Microbiology and Immunology will be revised.

#### MINOR IN MICROBIOLOGY AND IMMUNOLOGY

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# Module

4.0 courses:

0.5 course: Chemistry 2213A/B.0.5 course: Biochemistry 2280A.1.0 course: Biology 2382B, 2581B.

2.0 1.5 courses: Microbiology and Immunology 2100A, 2500A/B, 3100A, 3300-AB, 3400B.

0.5 course from: Biochemistry 3381A, 3385A, Biology 2290F/G, 3218F/G, 3332A, 3355A/B, 3592A, 3595B, Chemistry 2223B, Epidemiology 2200A/B, Health Sciences 2000A/B, Microbiology and Immunology 3610F, 3620G, Pathology 3240A, Pharmacology 2060A/B, the former Epidemiology and Biostatistics 2200A/B, 3330B

Effective **September 1, 2013**, the Honors Specialization in Biochemistry of Infection and Immunity will be revised. The Weighted Averages Chart will be revised for the Honors Specialization in Biochemistry of Infection and Immunity to reflect these changes to the module.

#### HONORS SPECIALIZATION IN BIOCHEMISTRY OF INFECTION AND IMMUNITY

This module leads to an Honors Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Students entering Year 2 in September 2013: should see (i) the Admission Requirements in the 2012/13 Academic Calendar and (ii) the Module requirements below. Note: Microbiology and Immunology 2100A must not be taken in 2013/14 by students entering Year 2 in September 2013.

Students entering Year 3 and 4 in September 2013: see the Admission Requirements and the Module requirements in the 2012/13 Academic Calendar.

Students will not be admitted to Year 2 of the Honors Specialization module beginning in September, 2014.

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#### Module

- 10.0 courses:
- 0.5 course: Biochemistry 2280A.
- 0.5 course from: Chemistry 2213A/B or 2273A.0.5 course from: Chemistry 2223B or 2283G.1.5 courses: Biology 2290F/G, 2382B, 2581B.
- 0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B, or the former Statistical Sciences 2122A/B.
- 1.5 courses: Microbiology and Immunology 2100A 2500A/B, 3100A, and 3300AB and Microbiology and Immunology 3400B with marks of at least 70% in each.
- 1.0 course: Biochemistry 3381A and 3382B with marks of at least 70% in each.
- 0.5 course from: Biochemistry 3380G, or Microbiology and Immunology 3600G 3610F, 3620G.
- 1.0 course from: Microbiology and Immunology 4100A, 4200B, 4300A, the former 4700B.
- 1.0 course: Biochemistry 4410A, 4420A or the former 4420B.
- 1.5 courses from: Biochemistry 4483E (Research Project = 1.5 courses) or Microbiology and Immunology 4970E (Research Project = 1.5 courses)

# Weighted Average Chart

Biochemistry of Infection and Immunity—for students registering in Year 4 in 2013/14 and 2014/15	3.5 courses: Biochemistry 2280A; Biology 2581B, 2382B and 2290F/G; Biology 2244A/B or Statistical Sciences 2244A/B; Chemistry 2213A/B or 2273A; Chemistry 2223B or 2283G.	3.0 courses: Biochemistry 3380G or Microbiology and Immunology 3600G; Biochemistry 3381A and 3382B; Microbiology and Immunology 2100A, 3300A and 3400B
Biochemistry of Infection and Immunity – for students registering in Year 4 in 2015/16 and onward	3.5 courses: Biochemistry 2280A; Biology 2581B, 2382B and 2290F/G; Biology 2244A/B or Statistical Sciences 2244A/B; Chemistry 2213A/B or 2273A; Chemistry 2223B or 2283G.	3.0 courses: One of Biochemistry 3380G, Microbiology and Immunology 3610F or 3620G; Biochemistry 3381A and 3382B; Microbiology and Immunology 2500A/B, 3100A, 3300B

# **FACULTY OF SOCIAL SCIENCE**

# **AMERICAN STUDIES**

Effective September 1, 2013, the following changes will be made to the Minor in American Studies Module.

# **MINOR IN AMERICAN STUDIES**

# **Admission Requirements**

Completion of first-year requirements, including American Studies 1020, and 1.0 course from the following with a mark of at least 60% in each: History 1701E, Political Science 1020, English 1020E, 1022E, or 1024E. (Additional course is strongly recommended.) Political Science 1020E, a first-year History, or a first-year English with a minimum mark of 60%.

#### Module:

- 4.0 courses
- 1.0 course: American Studies 2200E
- 1.0 courses from: English 2308E-3664E, 3665E, Film Studies 2253E, History 2301E, Political Science 2244E 2.0 courses from: American Studies 2230F/G, 2231F/G, 3330F/G, 3340F/G, Anthropology 2211F/G, 2216F/G, 2231F/G, First Nations Studies 2211F/G, 2216F/G, 2231F/G, English 2017, the former 2261F/G, 3667F/G,

Film Studies 2152F/G, 2253E, First Nations Studies 2132F/G, Geography 2142A/B, History 2131A/B, 2132A/B,

2303F/G, 2703F/G, 3305E, <del>3315E</del>, <mark>3307E</mark>, <mark>3321E, 3326F/G</mark>, 3396F/G-3399F/G, Political Science 2102A/B, 2104, 3317F/G, 3326E

Effective September 1, 2013, the following changes will be made to the Major in American Studies Module.

#### **MAJOR IN AMERICAN STUDIES**

# **Admission Requirements**

Completion of first-year requirements, including American Studies 1020, and 1.0 course from the following with a mark of at least 60% in each: History 1701E, Political Science 1020, English 1020E, 1022E, or 1024E. (Additional course is strongly recommended.) Political Science 1020E, a first-year History, or a first-year English with a minimum mark of 60%.

#### Module:

6.0 courses

1.0 course: American Studies 2200E

2.0 courses from: English 2308E-3664E, 3665E, History 2301E, Political Science 2244E

3.0 courses (with no more than 1.0 from any one department) from: American Studies 2230F/G, 2231F/G,

3330F/G, 3340F/G, Anthropology 2211F/G, 2216F/G, 2231F/G, First Nations Studies 2211F/G, 2216F/G,

2231F/G, English 2017, the former 2261F/G, 3667F/G, Film Studies 2152F/G, 2253E, First Nations Studies

2132F/G, Geography 2142A/B, History 2131A/B, 2132A/B, 2303F/G, 2703F/G, 3305E, 3315E, 3307E, 3321E,

3326F/G, 3396F/G-3399F/G, Political Science 3317F/G, 3326E

Effective **September 1, 2013**, the following changes will be made to the American Cultural Studies Honors Specialization Module.

# HONORS SPECIALIZATION IN AMERICAN CULTURAL STUDIES Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including American Studies 1020, History 1701E, Political Science 1020, and/or one of English 1020E, 2022E, or 1024E, plus 2.0 additional courses from Political Science 1020E, a first-year History, or a first-year English with no mark in these principal courses below 60%.

#### Module

9.0 courses:

1.0 course: American Studies 2200E

1.0 course from English 3664E, 3665E, 2017, 2308E

1.0 course: History 2301E

1.0 course: Political Science 2244E

2.0 courses from: American Studies 2230F/G, 2231F/G, 3330F/G, 3340F/G, English 2210F/G, 2250F/G, 2460F/G 3666F/G, 3667F/G, 4620F/G, Film Studies 2253E, 2255E, History 2303F/G, 3807E (formerly History 291E)

1.0 course from: History 3301E, 3315E, 3305E, 3307E, 3309E, 3311F/G, 3313F/G, 3321E, 3326F/G, 3391E-3395E, 3396F/G-3399F/G, 4707E, 4803E, 4301E, or relevant Special Topics courses in History with the permission of the Centre for American Studies.

1.0 course from: Anthropology/First Nations Studies 2211F/G, 2216F/G, 2231F/G, First Nations Studies 2132F/G

1.0 course from: American Studies 4400E, 4420E, 4430F/G

Effective **September 1, 2013** the following changes will be made to the Canadian-American Relations Honors Specialization Module.

# HONORS SPECIALIZATION IN CANADIAN-AMERICAN RELATIONS

Admission Requirements

Completion of first-year require

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including American Studies 1020, History 1701E, and Political Science 1020E, and/or one of English 1020E, 2022E, or 1024E, plus 1.0 additional course from a first-year History or first-year English, with no mark in these principal courses below 60%.

#### Module:

9.0 courses

1.0 course: American Studies 2200E1.0 course: Political Science 2244E

1.0 course: History 2301E

1.0 course from: English 3664E, 3665E, 2308E, 3667F/G, Anthropology/First Nations Studies 2211F/G,

2216F/G, <del>2230F/G,</del> 2231F/G, First Nations Studies <del>2211F/G, 2216F/G, 2231F/G,</del> 2132F/G

4.0 courses (with no more than 2.0 from any one dept.) from: History 2201E, 2303F/G, 3319E, 3320E, 4301E, 4303E, 4701E, 4707E, the former History 455E, Political Science 2211E, 2230E, 3317F/G, 3326E, 4401F/G,

4444E, or an independent studies course with the approval of the Director.

1.0 course from: American Studies 4400E, 4420E, 4430F/G

# **GEOGRAPHY**

Effective **September 1, 2013**, History 2814F/G will replace 2215F/G in the Geography/Commercial Aviation Management modules offered in the Faculty of Social Science

#### HONORS SPECIALIZATION GEOGRAPHY/COMMERCIAL AVIATION MANAGEMENT

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1.0 course from: Geography 2000-2999, History 2814F/G or the former 2215F/G, or MOS 2199Y

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#### SPECIALIZATION IN GEOGRAPHY/COMMERCIAL AVIATION MANAGEMENT

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1.0 course from: Geography 2000-2999, History 2814F/G or the former 2215F/G, or MOS 2199Y

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#### **PSYCHOLOGY**

Effective **September 1, 2013**, Calculus 1500A/B be added to the admission requirements for the Honors Specialization in Psychology (BSc).

#### HONORS SPECIALIZATION IN PSYCHOLOGY - BSc

# **Admission Requirements**

Students who wish to enter the Honors Specialization in Psychology - BSc module after Year 1 must have completed the following first-year requirements with no failures, and have a minimum average of 75% in 3.0 principal courses, with no mark in these principal courses below 60%:

1.0 course from: Psychology 1000, or the former Psychology 1200.

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

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#### SOCIOLOGY

Effective **September 1, 2013**, the Major in Criminology will be revised.

# **MAJOR IN CRIMINOLOGY**

# **Admission Requirements**

Completion of first-year requirements, including 1.0 from: Sociology 1020, 1021E, 1025A/B, 1026F/G, 1027A/B with a mark in each Sociology course of at least 60%.

# Module

6.0 courses:

2.0 courses: Sociology 2205A/B, and 2206A/B (or the former Sociology 231); either Sociology 2240E or both 2270A/B and 2271A/B.

3.0 courses from: Sociology 2140, 2253A/B, 2256A/B, 2259, 2260A/B, 2266A/B, 2267A/B, or the former

# 2257A/B.

1.0 course: Sociology 2253A/B 2266A/B

1.0 course: Sociology 2256A/B, 2260A/B, 2267A/B 1.0 course: in Sociology numbered 3300-3399.

1.0 course: Sociology 2253A/B, Sociology 2260A/B (if not taken above), Sociology 2140, 2259, Law 2101, Philosophy 2080, 2821F/G, 2822F/G, Political Science 3332F/G, the former Political Science 214F/G,

Psychology 2031A/B.

Note: Students enrolled in a Major Module in Criminology as part of an Honors Double Major will be required to complete Sociology 3404F/G and either Sociology 3306A/B or 3307F/G. These 3000 level half courses will replace any 1.0 from the module excluding Sociology 2205A/B, 2206A/B, 2240E, 2270A/B, 2271A/B.

Note: It is strongly recommended that students who may be interested in pursuing graduate work take Sociology 3404F/G and either Sociology 3306A/B or 3307F/G

Effective September 1, 2013, the Major in Sociology will be revised.

#### **MAJOR IN SOCIOLOGY**

# **Admission Requirements**

Completion of first-year requirements, including 1.0 from: Sociology 1020, 1021E, 1025A/B, 1026F/G, 1027A/B with a mark in each Sociology course of at least 60%.

#### Module

6.0 courses:

- 1.0 course: Sociology 2205A/B and 2206A/B (or the former Sociology 231).
- 1.0 course from: Sociology 2240E or 2270A/B and 2271A/B.
- 2.0 1.0 courses in Sociology numbered 2200-2999.
- 2.0 courses in Sociology numbered 2100-2999.

# 1.0 course in Sociology numbered 3300-3399.

Note: Students enrolled in a Major Module in Sociology as part of an Honors Double Major will be required to complete Sociology 3404F/G and either Sociology 3306A/B or 3307F/G. These 3000 level half courses will replace any 1.0 from the module excluding Sociology 2205A/B, 2206A/B, 2240E, 2270A/B, 2271A/B.

Note: It is strongly recommended that students who may be interested in pursuing graduate work take Sociology 3404F/G and either Sociology 3306A/B or 3307F/G

Effective September 1, 2013, the Major in the Sociology of Health and Aging will be revised.

#### MAJOR IN SOCIOLOGY OF HEALTH AND AGING

#### **Admission Requirements**

Completion of first-year requirements, including 1.0 from: Sociology 1020, 1021E, 1025A/B, 1026F/G, 1027A/B with a mark in each Sociology course of at least 60%.

#### Module

6.0 courses:

- 2.5 courses: Sociology 2202, 2205A/B, and 2206A/B, (or the former Sociology 231), 2246A/B.
- 1.0 course from: Sociology 2240E or both 2270A/B and 2271A/B.

2.0 1.5 courses-from: Sociology 2179A/B, 2180A/B, 2232 (or the former Sociology 232E), Sociology 2233 (or Sociology 2234E), Sociology 2235, 2236A/B, 2247A/B, 2263A/B, 2285A/B, the former Sociology 2280A/B, Anthropology 2290F/G, History of Science 2220, Philosophy 2071E, 2073F/G, 2720F/G, Psychology 2036A/B. 1.0 course in Sociology number 3300-3399

Note: Students enrolled in a Major Module in Sociology of Health and Aging to form part of an Honors Double Major will be required to complete Sociology 3404F/G and either Sociology 3306A/B or 3307F/G. These 3000 level half courses will replace any 1.0 from the module excluding Sociology 2202, 2205A/B, 2206A/B, 2246A/B, 2240E, 2270A/B, 2271A/B.

Note: It is strongly recommended that students who may be interested in pursuing graduate work take Sociology 3404F/G and either Sociology 3306A/B or 3307F/G

Effective **September 1, 2013**, the antirequisites for the following courses be revised. The antirequisites are the only revisions.

# Sociology 1020 – Introduction to Sociology

Antirequisite(s): Sociology 1021E, 1025A/B, 1026F/G or 1027A/B.

# Sociology 1021E - Introduction to Sociology

Antirequisite(s): Sociology 1020, 1025A/B, 1026F/G or 1027A/B.

# Sociology 1025A/B – Society and You

Antirequisite(s): Sociology 1020 or 1021E

# Sociology 1026F/G - Controversies in Sociology

Antirequisite(s): Sociology 1020 or 1021E

# Sociology 1027A/B - Life is not Always Fair

Antirequisite(s): Sociology 1020 or 1021E

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

Sociology 2103F/G - Population and Development in Africa

Sociology 2104F/G - Population and Development in Asia

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

Sociology 2132A/B - Theories of Mass Communication

Sociology 2139A/B - Social Inequality and Financial Security

Sociology 2148A/B - Sociology of Religion

Sociology 2263A/B - Experiencing Work

Sociology 3303F/G - Special Topics in Demography

Sociology 3314F/G - Family and Work

Sociology 3316F/G - Demographic Change and Human Resources

Sociology 3350F/G - Complex Organizations

Sociology 4484F/G - Canadians and Americans

#### **BRESCIA UNIVERSITY COLLEGE**

# **FAMILY STUDIES**

Effective September 1, 2013, Family Studies 3305F/G be revised to 3305A/B.

# Family Studies 3305F/GA/B – Family Needs and Resources

This course focuses on managing family resources and family decision making processes using multidisciplinary perspectives. Current real world examples, family diversity, and future challenges are discussed.

Prerequisite(s): 1.0 units of Family Studies 2000-level courses, or permission of instructor.

3 lecture hours, 0.5 course.

(Brescia)

Effective September 1, 2013, the description of Family Studies 3325A/B be revised.

# Family Studies 3325A/B - Diversity and the Canadian Family

This course examines contemporary diversity as it impacts individuals and families. Its psychosocial approach enables students to think through their own perspectives on race, ethnicity, religion, sexual identity, and more in preparation for working with people from diverse backgrounds. This course focuses upon understanding families' strengths and challenges in contemporary society, and efforts to support families and children. Prerequisite(s): 1.0 Family Studies course (or equivalent) at the 2000-level or permission of the instructor.

3 lecture hours, 0.5 course.

(Brescia)

Effective **September 1, 2013**, the following antirrequisite and prerequisite changes be made to Family Studies courses. No changes were made to course descriptions.

# Family Studies 2226A/B- Parenting

Antirequisite(s): Family Studies 2200E if taken in 2010-11 or 2011-12.

Prerequisite(s): Any Family Studies 1000-level course, or permission of instructor.

3 lecture hours, 0.5 course.

(Brescia)

# Family Studies 2235 - Introduction to Counselling

Prerequisite(s): Family Studies 1020 or permission of instructor.

3 hours, 1.0 course.

(Brescia)

# Family Studies 3350A/B-3352A/B - Special Topics in Family Studies

Prerequisite(s): Family Studies 2200E or 2225 1.0 Family Studies 2000-level course or permission of the instructor. 0.5 course.

(Brescia)

# Family Studies 4450A/B-4452A/B - Special Topics in Family Studies

Prerequisite(s): Family Studies 4220A/B and 4230A/B 1.0 Family Studies 3000-level course or permission of the instructor.

0.5 course.

(Brescia)

#### **PSYCHOLOGY**

Effective **September 1, 2013**, the prerequisites for the following courses be revised. No changes were made to course descriptions.

# Psychology 3721F/G - The Psychology of Persuasion

Antirequisite(s): Psychology 3710F/G, 3723F/G.

Prerequisite(s): Psychology 2820E or both Psychology 2800E and 2810 (or Psychology 2780E or permission of the Department at Huron). At least 0.5 Psychology course in Research Methods at the 2000 level or above, and registration in the third or fourth year of Honors Specialization or Honors Double Major in Psychology, or permission of the Department.

3 lecture/discussion hours, 0.5 course.

(Brescia, Huron)

#### Psychology 3800F/G - Psychological Statistics Using Computers

Antirequisite(s): Psychology 3830F/G

Prerequisite(s): Psychology 2810, plus registration in third or fourth year Honors Specialization in Psychology or Honors Specialization in Developmental Cognitive Neuroscience. Psychology Majors students and Special Students who earn 70% or higher in Psychology 2820E or other prerequisite courses also may enroll in this course. Psychology 2850 A/B or Psychology 2851 A/B and Psychology 2855 F/G or Psychology 2856F/G or Psychology 2800E and 2810

2 lecture hours, 1 laboratory hour, 0.5 course.

Psychology 3800F/G is a mandatory course for students taking an Honors Specialization in Psychology at Brescia. Priority in enrollment will thus be given to Brescia University College Honors Specialization students. (Brescia)

# Psychology 3990F/G - Special Topics in Psychology

Prerequisite(s): Psychology 2820E or both Psychology 2800E and 2810. At least 0.5 Psychology course in

Research Methods at the 2000 level or above, and registration in the third or fourth year of Honors Specialization or Honors Double Major in Psychology, or permission of the Department.

3 seminar hours, 0.5 course (Brescia)

#### SOCIOLOGY

Effective September 1, 2013, Sociology 3307F/G be included in Community Development modules.

# MINOR IN COMMUNITY DEVELOPMENT

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2.0 courses: Sociology 2215A/B, 3322A/B or 3307F/G, 3330F/G, 3333F/G

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# HONORS SPECIALIZATION IN COMMUNITY RURAL HEALTH DEVELOPMENT

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For Brescia Registrants:

0.5 course from: Human Ecology 2255A/B, Management and Organizational Studies 2205F/G.

0.5 course: Political Science 2276F/G.

0.5 course: Foods and Nutrition 3364A/B.

1.5 courses: Sociology 2205A/B, 3306A/B, 3322A/B or 3307F/G.

Effective **September 1, 2013**, the prerequisites to Sociology 3332A/B be revised.

# Sociology 3332A/B - Beyond our Borders: Community Development in a Global Context

This course introduces students to the theory and practice of global development. Students will examine how underdevelopment is created and perpetuated in some regions of the world. Global issues such as poverty, hunger, discrimination, natural disasters and environmental degradation will be considered, as well as international responses to them.

Prerequisite(s): Sociology 2215A/B, Enrolment in 3rd or 4th year at Brescia University College, or permission of the instructor.

3 lecture hours, 0.5 course.

(Brescia)

Effective **September 1, 2013**, the prerequisites for Sociology 2235 be revised.

# Sociology 2235 - The Family

Sociological, psychological, and other research perspectives on family structure and functioning. Prerequisite(s): 1.0 from Sociology courses at the 1000 level, or enrolment in a Family Studies module, the Honors Specialization, Major or Minor module in Family Studies, or the Honors Specialization or Major module in Childhood and Social Institutions or year 2 of the "old" Childhood and Family Relations program.

3 lecture hours, 1.0 course.

(Brescia, King's)

# DAP UPDATE: MINOR CHANGES

# **FACULTY OF ARTS AND HUMANITIES**

Effective September 1, 2013, errors in German modules be corrected from the SCAPA approval.

#### HONORS SPECIALIZATION IN GERMAN LANGUAGE AND CULTURE

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0.5 course from: German 2220A/B, 3321A/B, 3322F/G 3325F/G, 4400A/B.

1.0 course: German 3300 3305.

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# **MAJOR IN GERMAN LANGUAGE AND CULTURE**

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0.5 course from: German 2220A/B, 3320A/B, 3321A/B, <del>3322F/G</del> 3325F/G, 4400A/B.

1.0 course from: German 2240F/G and above.

1.0 course: German 3300 3305.

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# SPECIALIZATION IN GERMAN LANGUAGE AND CULTURE

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0.5 course from: German 2220A/B, 3320A/B, 3321A/B, <del>3322F/G</del> 3325F/G, 4400A/B.

1.0 course: German 3300 3305.

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#### MINOR IN GERMAN LANGUAGE AND CULTURE

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1.0 course: German 3300 3305.

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# **CERTIFICATE IN PRACTICAL GERMAN**

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1.0 course from: German 3300 3305.

1.0 course from: German 2220A/B, 3320A/B, 3321A/B, <del>3322F/G</del> 3325F/G, 4400A/B.

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