

The following proposals, received on DAP between February 16-28, 2010, have now been approved. For more information on the DAP process see the Academic Handbook at <http://www.uwo.ca/univsec/handbook>

FACULTY OF HEALTH SCIENCES

SCHOOL OF COMMUNICATION SCIENCES AND DISORDERS

Effective **September 1, 2010**, the course prerequisites for CSD 4411 (*Introduction to Speech and Language*) will be revised as outlined below.

Communication Sciences and Disorders 4411 F/G – Introduction to Speech and Language Disorders

A survey course focusing on the incidence, etiology, and symptomatology of speech and language disorders in children and adults. Designed to provide students with a general understanding of the types of speech, voice, and language disorders identified and treated by speech-language pathologists.

Antirequisite(s): The former Communication Disorders 211a/b and 411a/b.

Prerequisite(s): Completion of two years of an undergraduate degree.

3 lecture hours, 0.5 course.

Effective **September 1, 2010**, the course prerequisites for CSD 4417 (*Hearing Science*) will be revised as outlined below.

Communication Sciences and Disorders 4417A/B – Hearing Science

The study of the parameters of acoustics and their psychological correlates. Topics include acoustics, anatomy and physiology, physiology, thresholds, masking, loudness, pitch, binaural phenomena, and speech intelligibility.

Antirequisite(s): The former Communicative Disorders 217a/b.

Prerequisite(s): Completion of two years of an undergraduate degree.

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

Effective **September 1, 2010**, the course prerequisites for CSD 4497 (*Speech Science*) will be revised as outlined below.

Communication Sciences and Disorders 4497A/B – Speech Science

Physiologic, acoustic and perceptual characteristics of speech. Principles and methods for the laboratory study of speech.

Prerequisite(s): Completion of two years of an undergraduate degree. At least 80% in a 2000-level Health Sciences, Psychology, Kinesiology, or Biology course. In addition, completion of one of the following courses is strongly recommended: Health Sciences 2300 A/B, or Anatomy and Cell Biology 2221, or Kinesiology 2222A/B, or equivalent.

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

SCHOOL OF HEALTH STUDIES

FIRST AID AND CPR CERTIFICATION

Effective **September 1, 2010**, the requirement for First Aid and CPR certification will be removed from the curriculum leading to a Bachelor of Health Sciences.

FIRST AID AND CARDIOPULMONARY RESUSCITATION CERTIFICATION

All students must at their own expense, acquire current certification in basic First Aid and Cardio-Pulmonary Resuscitation prior to the completion of second year. Deadline for submission of current certification to the BHSc counseling office is April 30.

FACULTY OF SCIENCE**BIOLOGY**

*Effective **September 1, 2010**, a new course, **Biology 1001A: Biology for Science I** will be introduced by the Department of Biology in the Faculty of Science.*

Biology 1001A: Biology for Science I

The principles of biology taught using an integrative, question-based approach. Topics include inheritance, evolution and ecology. This course is intended for students registered in the Faculty of Science.

Antirequisite(s): Biology 1201A, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department. A minimum mark of 80% in Grade 12 U Biology (SB14U) is recommended for students registered in a faculty other than the Faculty of Science.

2 lecture hours, 3 laboratory/tutorial hours. 0.5 course. Note: The combination of Biology 1001A and 1002B (with appropriate marks) are the prerequisites for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science Departments.

*Effective **September 1, 2010**, a new course, **Biology 1002B: Biology for Science II** will be introduced by the Department of Biology in the Faculty of Science.*

Biology 1002B: Biology for Science II

The principles of biology taught using an integrative, question-based approach. This course is primarily intended for students enrolled in the Faculty of Science. Topics include enzyme structure/function, membrane structure/function, bioenergetics, photosynthesis, respiration, molecular genetics.

Antirequisite(s): Biology 1202B, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department. A minimum mark of 80% in Grade 12U Biology (SB14U) is recommended for students registered in a faculty other than the Faculty of Science.

2 lecture hours, 3 laboratory/tutorial hours. 0.5 course. Note: The combination of Biology 1001A and 1002B (with appropriate marks) are the prerequisites for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments.

*Effective **September 1, 2010**, a new course, **Biology 1201A: General Biology I** will be introduced by the Department of Biology in the Faculty of Science.*

Biology 1201A: General Biology I

This course provides an understanding of fundamental biological concepts with emphasis on function in and relevance to humans. Topics include inheritance, evolution, ecology, behaviour, ecosystem health. This course is not available to students enrolled in the Faculty of Science (students registered in the Faculty of Science should select Biology 1001A).

Antirequisite(s): Biology 1001A, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department.

3 lecture hours, 3 laboratory/tutorial hours. 0.5 course. Note: The combination of Biology 1201A and 1202B (with the appropriate marks) can be a prerequisite for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments.

*Effective **September 1, 2010**, a new course, **Biology 1202B: General Biology II** will be introduced by the Department of Biology in the Faculty of Science.*

Biology 1202B: General Biology II

This course provides an understanding of fundamental biological concepts with emphasis on function in and relevance to humans. Topics include molecular genetics, physiology, bioenergetics. This course is not available to students enrolled in the Faculty of Science (students registered in the Faculty of Science should select Biology 1002B).

Antirequisite(s): Biology 1002B, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department.

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

Note: The combination of Biology 1201A and 1202B (with appropriate marks) can be a prerequisite for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments.

*Effective **September 1, 2010**, Biology 1222: General Biology offered by the Department of Biology in the Faculty of Science will be withdrawn.*

*Effective **September 1, 2010**, Biology 1223 Introductory Biology offered by the Department of Biology in the Faculty of Science will be withdrawn.*

*Effective **September 1, 2010**, the antirequisites for Biology 1225: An Introduction to the Biology of Organisms offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.*

Biology 1225: An Introduction to the Biology of Organisms

A study of the whole organism with emphasis on organization, growth, development, integration, reproduction and heredity.

Antirequisite(s): Biology 1001A, 1002B, 1201A, 1202B, the former Biology 1222, 1223.

3 lecture hours, 1.0 course. Biology 1225 is not intended to serve as a prerequisite for other Biology courses and will not fulfill the requirements for entry into the Biology modules. Offered only by Distance Studies

*Effective **September 1, 2010**, the prerequisites for Biology 2217B: Plants as Human Resource offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.*

Biology 2217B: Plants as a Human Resource

An introduction to economically important plants and their products, especially as sources of food, fuel, drugs and industrial raw materials. National and international programs relating to food and other plant resources.

Prerequisite(s): either Biology 1001A or 1201A and either Biology 1002B or 1202B, or either of the former Biology 1222 or 1223; or registration in Foods and Nutrition modules.

2 lecture hours, 3 laboratory hours, 0.5 course.

*Effective **September 1, 2010**, the prerequisites for Biology 2240F/G Invertebrate Biology offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.*

Biology 2240F/G: Invertebrate Biology

An introduction to the morphology of the invertebrate phyla and discussion of theories explaining the evolution of invertebrate body forms.

Antirequisite(s): Biology 2241Z. Prerequisite(s): either Biology 1001A or 1201A and either Biology 1002B or 1202B, or either of the former Biology 1222 or 1223.

2 lecture hours, 3 laboratory hours, 0.5 course.

*Effective **September 1, 2010**, the prerequisites for Biology 2241Z: Biology of Invertebrates offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.*

Biology 2241Z: Biology of Invertebrates

An introduction to the invertebrate phyla, their relationships and evolution. Online material, linked to an evolutionary tree framework, introduces the morphology and major divisions of the invertebrate phyla. Examples of physiological and behavioural adaptations of selected animals link morphology and evolution to the endless variety and fascination of the living world.

Antirequisite(s): Biology 2240F/G.

Prerequisite(s): either Biology 1001A or 1201A and either Biology 1002B or 1202B, or either of the former Biology 1222 or 1223. 0.5 course.

3 hours online plus readings and assignments every 2 weeks. Only offered on-line (see Distance Studies) - requires high speed access to the internet.

Effective **September 1, 2010**, the prerequisites for Biology 2290F/G Scientific Method in Biology offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.

Biology 2290F/G: Scientific Method in Biology

A laboratory course designed to promote understanding of the scientific method by acquainting students with selected technical and conceptual tools that will enable them to generate, analyze and communicate data from experimental investigations of their own design in the areas of cell biology, population biology and genetics.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in either the former Biology 1222 or 1223.
5 laboratory hours, 0.5 course. Mandatory course in most modules offered by the Department of Biology.

Effective **September 1, 2010**, the prerequisites for Biology 2382B Cell Biology offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222, 1223 and Chemistry 1050, and the introduction of Biology 1001A, 1002B, 1201A, 1202B, and Chemistry 1100A/B and 1200B.

Biology 2382B: Cell Biology

Molecular and structural organization of cells in relation to function. Composition and dynamics of the plasma membrane and membrane-bound compartments in cells. Synthesis and trafficking of proteins. Cytoskeleton and cell motility. Membrane receptors in signal and energy transduction, cell-cell adhesion and recognition. Excitable membranes.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in either the former Biology 1222 or 1223; Chemistry 1100A/B and 1200A/B, or the former Chemistry 1020, 1050 or 023.
5 laboratory hours, 0.5 course. Mandatory course in most modules offered by the Department of Biology.
Note: It is strongly recommended that Biochemistry 2280A be taken prior to this half course.

Effective **September 1, 2010**, the prerequisites for Biology 2404A Changing Plant Communities of Ontario offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B. A note will also be added: 'offered in alternate years'.

Biology 2404A: Changing Plant Communities of Ontario

A study of the natural flora of Ontario, with emphasis on southwest Ontario. The course will deal with plants and their distribution pattern as affected by past and modern climates and technological change. Some field work included.

Prerequisite(s): either Biology 1001A or 1201A and either Biology 1002B or 1202B, or either of the former Biology 1222 or 1223.
5 lecture/laboratory hours, 0.5 course. Offered in alternate years.

Effective **September 1, 2010**, the prerequisites for Biology 2483A: Ecology offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.

Biology 2483A - Ecology

An introduction to ecology, the scientific study of the interactions that determine the distribution and abundance of plants, animals, and microorganisms. Ecological concepts at the organism, population and ecosystem levels will be considered, including tolerance limits, life history evolution, competition, predation, population growth and control, and ecosystem dynamics.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in either the former Biology 1222 or 1223.
2 lecture hours, 1 lecture/tutorial hours, 0.5 course. Mandatory course in most modules offered by the Department of Biology.

Effective **September 1, 2010**, the prerequisites for Biology 2484A: Patterns in Life's Diversity offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.

Biology 2484A: Patterns in Life's Diversity

This course considers the large-scale patterns in the Earth's biota: patterns in life's diversification and extinction, changing the biota through time; patterns in the form and functioning of the organisms, reflected in biological classification; patterns in the global distribution of life's lineages, and in their major responses to Earth's diverse climate.

Prerequisite(s): either Biology 1001A or 1201A and either Biology 1002B or 1202B, or either of the former Biology 1222 or 1223.

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

Effective September 1, 2010, the prerequisites and antirequisite for Biology 2485B Environmental Biology offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.

Biology 2485B: Environmental Biology

Basic principles of environmental biology, human ecology, ecosystem structure and function. Human population growth and its impact on soil, water, energy, agriculture and natural populations of plants and animals. Environmental problems created by resource exploitation and possible solutions.

Prerequisite(s): either Biology 1001A or 1201A and either Biology 1002B or 1202B, or either of the former Biology 1222 or 1223.

2 lecture hours, 2 tutorial hours, 0.5 course

Effective September 1, 2010, the prerequisites for Biology 2486A: Evolution offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B. 'Mandatory course in most modules offered by the Department of Biology' will be added as Extra Information.

Biology 2486A: Evolution

Fundamental issues in evolutionary science will be covered, focusing on evolution by natural selection. Evolutionary processes will be examined from the mutation of genes to the generation of species. Course topics will include evolution as science, adaptation, sex and sexual selection, species concepts, and human evolution.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in either the former Biology 1222 or 1223.

3 lecture hours, 0.5 course. Mandatory course in most modules offered by the Department of Biology.

Effective September 1, 2010, the prerequisites for Biology 2581B: Genetics offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 1222 and 1223, and the introduction of Biology 1001A, 1002B, 1201A and 1202B.

Biology 2581B - Genetics

The structure, transmission and expression of genetic elements in prokaryotic and eukaryotic organisms and populations.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in either the former Biology 1222 or 1223; Biochemistry 2280A.

2 lecture hours, 1 lecture/tutorial hour, 0.5 course. Mandatory course in most modules offered by the Department of Biology.

Effective September 1, 2010, Biology 2660A/B: Introduction to Plant Development and Physiology offered by the Department of Biology in the Faculty of Science will be withdrawn.

Effective September 1, 2010, a new course, Biology 2601A/B: Organismal Physiology will be introduced by the Department of Biology in the Faculty of Science.

Biology 2601A/B: Organismal Physiology

This course provides a general background in the mechanisms and consequences of physiological processes in plants and animals. It will take an integrated approach and include a comparative context, wherever possible. It will include hands-on laboratory work with both plants and animals.

Antirequisite(s): the former Biology 2660A/B, 2672A/B.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in the former Biology 1222 or 1223.
2 lecture hours, 3 laboratory hours. 0.5 course.

*Effective **September 1, 2010**, Biology 2672A/B Comparative Animal Physiology offered by the Department of Biology in the Faculty of Science be withdrawn.*

*Effective **September 1, 2010**, the prerequisites for Biology 3404F/G: Evolution of Plants offered by the Department of Biology in the Faculty of Science be revised by removing the current prerequisites (Biology 2483A and either Biology 2484A or 2485B) and introducing the new first-year half courses in Biology (or the former Biology 1222 or 1223), with a minimum mark of 60% as the prerequisites. A note will also be added: 'offered in alternate years'.*

Biology 3404F/G: Evolution of Plants

This course provides an introduction to the major groups of photosynthetic organisms - now classified in three Domains and numerous Kingdoms. These organisms feed the world, produce many of today's medicines, and provide numerous ecosystem functions. Lectures emphasize diversity, evolutionary relationships and importance, and labs emphasize morphology and recognition.

Prerequisite(s): A minimum mark of 60% in either Biology 1001A or 1201A and a minimum mark of 60% in either Biology 1002B or 1202B, or a minimum mark of 60% in either the former Biology 1222 or 1223.
2 lecture hours, 3 laboratory hours, 0.5 course Offered in alternate years.

*Effective **September 1, 2010**, the prerequisites for Biology 3625F/G: Techniques in Physiology and Biochemistry offered by the Department of Biology in the Faculty of Science be revised due to the withdrawal of Biology 2660A/B and 2672A/B, and the introduction of Biology 2601A/B.*

Biology 3625F/G: Techniques in Physiology & Biochemistry

Training in current techniques used in physiology and biochemistry. Emphasis is placed on the functional integration of systems from the molecules to the whole organism level and the assignment of function to genes. Techniques include chromatography, electrophoresis, protein and nucleic acid blotting, enzyme assays and whole organism or organelle measurements.

Antirequisite(s): The former Biology 325a/b.

Prerequisite(s): Biochemistry 2280A; Biology 2382B; one of Biology 2601A/B, Physiology 3120 or 3140A, or one of the former Biology 2660A/B or 2672A/B.

1 lecture/tutorial hour, 5 laboratory hours, 0.5 course.

*Effective **September 1, 2010**, the prerequisites for Biology 3651A/B: Environmental Animal Physiology offered by the Department of Biology in the Faculty of Science will be revised due to the withdrawal of Biology 2672A/B and the introduction of Biology 2601A/B.*

Biology 3651A/B: Environmental Animal Physiology

A comparative approach to the physiological regulatory mechanisms of animals and cells in relation to the environment (radiation, temperature, pressure, water and ions) in which the animal lives. The mechanisms by which information is received and processed by sensory, neural and endocrine systems are described.

Prerequisite(s): Biochemistry 2280A; Biology 2382B; and Biology 2601A/B or the former Biology 2672A/B.
3 lecture hours, 0.5 course.

*Effective **September 1, 2010**, the prerequisites for Biology 3660A/B: Advanced Plant Physiology offered by the Department of Biology in the Faculty of Science be revised due to the withdrawal of Biology 2660A/B and the introduction of Biology 2601A/B.*

Biology 3660A/B - Advanced Plant Physiology

Physiology and biochemistry of plants with emphasis on primary plant metabolism, including: photosynthesis, respiration, photorespiration, and nutrient assimilation. Other topics include plant-soil relationships, herbicides, phytoremediation, photomorphogenesis, medicinal plants, plant products and alternative fuels.

Prerequisite(s): Biology 2601A/B or the former Biology 2660A/B, or permission of the Department.
3 lecture hours, 0.5 course.

*Effective **September 1, 2010**, Biology 4259F: Research Hypothesis Testing offered by the Department of Biology in the Faculty of Science be revised to Biology 4259F/G.*

Biology 4259F/G - Research Hypothesis Testing

This course will equip students with some of the basics of experimental design and statistical analysis useful for understanding, conducting and presenting biological research. The emphasis is on practical application rather than theory, and on problems of particular concern in biological studies.

Prerequisite(s): Biology 2244A/B or one of Statistical Sciences 2035, 2122A/B, 2141A/B, or Psychology 2810; and completion of at least 1.5 Biology courses at the 3000-level or above.
2 lecture hours, 3 laboratory hours, 0.5 course.

Effective September 1, 2010, the prerequisites for Biology 4441F: Special Topics in Evolution offered by the Department of Biology in the Faculty of Science be revised to include Biology 2484A and the statement "or special permission from the Department of Biology".

Biology 4441F: Special Topics in Evolution

A critical examination of topics in evolutionary biology such as levels of selection, speciation, patterns of diversification, origin and radiation of selected groups, biogeography, and taxonomy and phylogeny.

Prerequisite(s): Biology 2484A; Biology 2486A; and either completion of at least 1.5 Biology courses from the 3000-level or above, or registration in Year 4 of the Honors Specialization in Animal Behaviour; or special permission from the Department of Biology.

2 lecture hours, 3 laboratory/discussion hours, 0.5 course.

Effective September 1, 2010, Biology 4607G, Plant Secondary Metabolism offered by the Department of Biology in the Faculty of Science be withdrawn.

Effective September 1, 2010, the prerequisites for Biology 4608G: Environmental Plant Physiology offered by the Department of Biology in the Faculty of Science be revised due to the withdrawal of Biology 2660A/B and the introduction of Biology 2601A/B.

Biology 4608G: Environmental Plant Physiology

The impact of environment on plant function and adaptation. Topics include the radiation environment, use of radiation to sense environmental change, carbon metabolism and productivity, inorganic nutrients and the rhizosphere, responses to environmental stress (water, temperature, radiation and aerial pollution).

Prerequisite(s): Biology 2601A/B or the former Biology 2660A/B; registration in a Biology module and completion of at least 1.5 Biology courses at the 3000-level or above. Biology 3660A/B is recommended.
3 lecture hours, 0.5 course.

Effective September 1, 2010, the prerequisites for Biology 4611F/G: Physiology of Animal Migration offered by the Department of Biology in the Faculty of Science be revised due to the withdrawal of Biology 2672A/B and the introduction of Biology 2601A/B.

Biology 4611F/G - Physiology of Animal Migration

The study of animal migration, focusing on migration as a life history trait, integrating physiology and biochemistry with ecological and evolutionary processes.

Prerequisite(s): either Biology 2601A/B or Physiology 3120, or the former Biology 2672A/B, or permission of the Department; and either completion of at least 1.5 Biology courses from the 3000-level or above, or registration in Year 4 of an Honors Specialization in Animal Behaviour.

3 lecture hours, 0.5 course.

Effective September 1, 2010, the antirequisites for Biology 4931F/G: Seminar in Physiology offered by the Department of Biology in the Faculty of Science will be revised by adding Biology 4944F/G.

Biology 4931F/G: Seminar in Physiology

Current topics in physiology critically reviewed through faculty and student seminars.

Antirequisite(s): Biology 4932F/G, 4941E, 4943E, 4944F/G, 4946E.

Prerequisite(s): one of Biology 3651A/B, 3660A/B or Physiology 3120; and completion of at least 1.0 additional Biology courses at the 3000-level or above; and registration in Year 4 or an Honors Specialization module offered by the Department of Biology.

3 lecture/tutorial hours, 0.5 course.

Effective **September 1, 2010**, the antirequisites for Biology 4941E: Seminar in Biology offered by the Department of Biology in the Faculty of Science will be revised by adding Biology 4944F/G.

Biology 4941E: Seminar in Biology

A critical review and evaluation of scientific papers and laboratory data in a series of seminars, involving guest speakers and student participation, to give training in the technique of presentation of scientific reports.
Antirequisite(s): Biology 4931F/G, 4932F/G, 4943E, 4944F/G, 4946E.
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 through the Department of Biology.
3 lecture/tutorial hours, 1.0 course.

Effective **September 1, 2010**, the antirequisites for Biology 4943E: Seminar in Genetics offered by the Department of Biology in the Faculty of Science will be revised by adding Biology 4944F/G.

Biology 4943E: Seminar in Genetics

Topics to be chosen each year to integrate and augment the study of genetics as presented in other genetics courses.
Antirequisite(s): Biology 4931F/G, 4932F/G, 4941E, 4944F/G, 4946E.
Prerequisite(s): A minimum mark of 70% in Biology 3596A/B and enrolment in Year 4 of an Honors Specialization in Genetics, or permission of the Genetics Undergraduate Coordinator.
3 seminar/tutorial hours, 1.0 course.

Effective **September 1, 2010**, a new course, Biology 4944F/G: Seminar in Ecology and Evolution will be introduced by the Department of Biology in the Faculty of Science.

Biology 4944F/G: Seminar in Ecology and Evolution

Current topics in ecology and evolution will be critically reviewed through faculty and student seminars.
Antirequisite(s): Biology 4931F/G, 4941E, 4943E, 4946E, the former Biology 4932F/G.
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 in Biology.
3 lecture/tutorial hours, 0.5 course.

Effective **September 1, 2010**, the statement "Required course in the Honors Specialization in Cell and Developmental Biology" will be removed from the course description of Biology 4946E: Seminar in Cell Biology. The prerequisite for this course, offered by the Department of Biology in the Faculty of Science, will be revised by removing "Registration in Year 4 of the Honors Specialization in Cell and Developmental Biology module" and replacing with "Registration in Year 4 of an Honors Specialization module offered by the Department of Biology". Biology 4944F/G will also be added to the list of antirequisite courses.

Biology 4946E: Seminar in Cell Biology

Current topics in cell biology, critically reviewed through faculty and student seminars.
Antirequisite(s): Biology 4931F/G, 4932F/G, 4941E, 4943E, 4944F/G.
Prerequisite(s): Biology 3316A/B and 3326F/G; an additional 0.5 course in Biology at the 3000-level or above; and registration in Year 4 of an Honors Specialization module offered by the Department of Biology.
3 seminar/tutorial hours, 1.0 course

FACULTY OF SOCIAL SCIENCE

PSYCHOLOGY

Effective **September 1, 2010**, a new course Psychology 4851E Thesis (Science) will be introduced by the Psychology Department in the Faculty of Social Science.

Psychology 4851E Honors Thesis (Science)

Independent research under the direction of a faculty member. Topics focus on fundamental psychological processes, their underlying neural mechanisms, their development within individuals, and their evolutionary and ecological contexts.
Antirequisite(s): Psychology 4850E.

Prerequisite(s): Psychology 3800F/G and 0.5 from Psychology 3184F/G, 3185F/G, 3285F/G, 3485F/G, and registration in fourth year Honors Specialization in Psychology or Developmental Cognitive Neuroscience. Students in fourth year Honors Specialization in Animal Behaviour also may enrol in this course.
4 seminar hours, 1.0 course.

Effective **September 1, 2010**, a new course *Psychology 4851E Honors Thesis (Science)* will be included on the list of courses that fulfill the science requirement of the Honors Specialization in Psychology—BSc module.

Psychology 4851E Honors Thesis (Science)

Note: To fulfill the BSc requirements within the Honors Specialization in Psychology - BSc module, 6.0 of the Psychology courses must be selected from the following list: Psychology 2115A/B, 2134A/B, 2135A/B, 2210A/B, 2220A/B, 2221A/B, 2800E, 2810, 3130A/B, 3138A/B, 3139A/B, 3140F/G, 3141F/G, 3184F/G, 3185F/G, 3209F/G, 3220A/B, 3221F/G, 3224A/B, 3225A/B, 3226A/B, 3229A/B, 3285F/G, 3440F/G, 3441F/G, 3442F/G, 3443F/G, 3485F/G, 3800F/G, 4222F/G, 4851E.

BRESCIA UNIVERSITY COLLEGE

PSYCHOLOGY

Effective **September 1, 2010**, *Psychology 2814 F/G: Ethics in Psychology* will be withdrawn from course offerings at Brescia University College. (As the course is withdrawn, no calendar copy would be included with this proposal.)

Effective **September 1, 2010**, *Psychology 3814 F/G: Ethics in Psychology* will be introduced to replace it at Brescia University College.

Psychology 3814 F/G : Ethics in Psychology

This course will introduce concepts of ethics and cover different professional and research ethics guidelines, with more in-depth study of particular and current controversies. Topics may include research in human genetics, animal research and concept of animal rights, professional relationships, particularly ethical issues in working with children, and psychological testing and reporting of test results.

Antirequisite(s): Psychology 2814 F/G.

Prerequisite(s): At least 60% in Psychology 1000 and registration in third or fourth year of a Major, Specialization, or Honors Specialization in Psychology, or permission of instructor.(Brescia)
3 lecture hours, 0.5 course.

KINGS UNIVERSITY COLLEGE

SOCIAL JUSTICE AND PEACE STUDIES

Effective **September 1, 2010**, the *Social Justice and Peace Studies Approved List of Courses* will be revised at King's University College. (Calendar copy, <http://www.westerncalendar.uwo.ca/2010/pg1203.html> of the UWO 2010 Calendar, Affiliates' section.) [Admission requirements and notes remain unchanged.]

SJPS Approved List of Courses

Level One Courses:

Economics 2111F/G, 2112F/G, 2124A/B, 2125A/B, 2161F/G, 2171F/G; Geography 2020A/B, 2030A/B, 2142A/B, 2411F/G; History 2213F/G, 2217F/G, 2606E; Philosophy 2053, 2067E, 2072F/G, 2074F/G, 2080, 2081E; Psychology 2012F/G, 2031A/B, 2075; Religious Studies 2110, 2111A/B, 2132, 2166A/B, 2167F/G, 2175A/B; Social Justice and Peace Studies 2190, 2195A/B-2199A/B; Sociology 2140, 2143E, 2169, 2172A/B.

Level Two Courses:

Canadian Studies 2200E; CGS 2001F/G, 2002F/G, 3508F/G, 3512F/G; English 2017, 2730F/G, 2735F/G; First Nations 2203F/G, 2218F/G, 2601F/G; History 2201E, 2301E, 2501E, 2803E, 2703F/G; MIT 2901F/G,

2935F/G, 3215F/G, Philosophy 2700F/G, 2812F/G, 2820F/G; Political Science 2102A/B, 2219E, 2222E, 2230E, 2231E, 2235E, 2243E, 2244E, 2245E, 2257, 2265F/G, 2266F/G, 2270E; Religious Studies 2203F/G, 2204F/G, 2213F/G, 2224F/G, 2230E, 2234F/G, 2235F/G, 2243F/G, 2251F/G, 2252F/G, 2281F/G; Social Justice and Peace Studies 2270A/B-2279A/B; Social Work 2280E, 2284; Sociology 2212A/B, 2220A/B, 2221A/B, 2233, 2239, 2240E, 2241E, 2245, 2256A/B, 2260A/B, 2264F/G, 2266A/B, 2267A/B.

Level Three Courses:

Geography 3441F/G, 3442F/G, 3445F/G; History 3205E, 4805E; Political Science 3300E, 3309E, 3325E, 3345E, 3362E, 3365F/G, 4423F/G, 4424F/G, 4444E; Psychology 3771F/G; Religious Studies 3451F/G; Social Justice and Peace Studies 3370A/B-3376A/B, 3377F/G-3378F/G, 3396F/G-3399F/G, 4496F/G-4499F/G; Sociology 3304F/G, 3305F/G, 3339F/G, 3340F/G, 3341F/G, 3347F/G, 3353F/G, 3354F/G, 3360F/G.

REGISTRAR'S UPDATE

The following minor changes were approved:

BRESCIA UNIVERSITY COLLEGE

FAMILY STUDIES

*Effective **September 1, 2010**, the list of requirements for the Minor in Family Studies (pp. 363-364) should be changed in the first course category line. It presently reads "1.0 to 2.0 courses", and this should be changed to "1.0 to 1.5 courses".*

*Effective **September 1, 2010**, Family Studies 3225A/B "The Diversity and the Canadian Family" should be changed to "Diversity and the Canadian Family".*

*Effective **September 1, 2010**, six Family Studies modules will be revised to reflect the upgrading and renumbering of FS 3220A/B (Theoretical Perspectives in Family Studies Research) and 3230A/B (Qualitative Research in Family Studies) to FS 4220A/B and 4230A/B. As well, there will be a change in prerequisites of a course, Family Studies 4450A/B-4452A/B, to reflect the renumbering.*

In the Family Studies module section (p. 363-364) the renumbered course labels will remain in the same categories and place as their predecessors in the first five Family Studies module descriptions.

Honors Specialization in Family Studies – BSc (Human Ecology). In the first category line of courses in that module, "2.0 courses:" add "Family Studies 4220A/B, 4230A/B" in place of FS 3220A/B and 3230A/B.

Specialization in Family Studies – BSc (Human Ecology). In the first category line of courses in that module, "2.0 courses:" add "Family Studies 4220A/B, 4230A/B" in place of FS 3220A/B and 3230A/B.

Honors Specialization in Family Studies – BA (Human Ecology). In the fourth category line of courses in that module, "1.0 course:" add "Family Studies 4220A/B, 4230A/B" in place of FS 3220A/B and 3230A/B.

Specialization in Family Studies – BA (Human Ecology). In the fourth category line of courses in that module, "1.0 course:" add "Family Studies 4220A/B, 4230A/B" in place of FS 3220A/B and 3230A/B.

Major in Family Studies – BA (Human Ecology). In the fourth category line of courses in that module, "1.0 to 2.0 courses:" add "Family Studies 4220A/B, 4230A/B" in place of FS 3220A/B and 3230A/B.

Course (p. 410): In the course description of **FS4450A/B-4452A/B** (Special Topics in Family Studies), the "Prerequisite(s)" line should read, "Family Studies 4220A/B and 4230A/B or permission of the instructor."

Honors Specialization in Families and Communities

1.5 courses: Sociology 2205A/B; Family Studies 4220A/B; Family Studies 4230A/B or Sociology 3322A/B or Sociology 3307F/G. (it's the first category that had 3220A/b and 3230A/B listed)