

The following proposals, received on DAP between November 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

FRENCH STUDIES

Effective **September 1, 2013**, the Department of French Studies will offer a new course, French 2209A/B: French for the Media and add it to the Certificate and Diploma in Business French.

French 2209A/B: French for the Media

This online course is designed for students with a good basic knowledge of French who wish to improve their French skills in the field of media studies. Focus is on Canadian media outlets and the role of media in society. Format is interactive and website includes self-assessment tools in order to monitor acquisition of new vocabulary and material.

Prerequisite(s): A minimum of grade 12U French or its equivalent French 1010, or permission of the Department of French Studies based on the Placement Test.

Distance Studies, online, 0.5 course.

CERTIFICAT DE FRANÇAIS DES AFFAIRES (CERTIFICATE IN BUSINESS FRENCH)

Admission

Completion of French 1900E or 1910 with a mark of at least 60%.

Progression and Graduation Requirements

The core language courses must be taken in sequence. Students must achieve an average of at least 70% in the 5.0 courses in order to progress in and complete this program. Students must receive counselling from the Department on their choice of courses and should seek regular advice on the availability of courses.

Program

5.0 courses:

1.0 course from: French 2905A/B and 2906A/B or French 2900.

1.0 course from: French 2205A/B, 2206A/B, 2207A/B, 2208A/B, **2209A/B**, or the former French 2200.

1.0 course: French 3900.

1.0 course from: French 3200, 3201E.

1.0 course from: French 3300, 3306A/B, 3307A/B, 3308A/B, or French 3202.

Note: Students may pursue the Certificate in Business French concurrently with other programs in French. All of the French courses in the Certificate program can count towards other undergraduate programs. Students who have successfully completed the majority of the courses for this Certificate prior to graduation may finish the Certificate post-degree.

The Department of French Studies is also an examination centre for the Paris Chamber of Commerce and Industry Business French exams. Consult the French Studies Department for further details.

DIPLÔME DE FRANÇAIS DES AFFAIRES (DIPLOMA IN BUSINESS FRENCH)

Program

5.0 courses:

1.0 course from: French 2905A/B and 2906A/B or French 2900.

1.0 course from: French 2205A/B, 2206A/B, 2207A/B, 2208A/B, **2209A/B**, or the former French 2200.

1.0 course: French 3900.

1.0 course from: French 3200, 3201E.

1.0 course from: French 3300, 3306A/B, 3307A/B, 3308A/B, or French 3202.

Note: Students may pursue the Certificate in Business French concurrently with other programs in French. All of the French courses in the Certificate program can count towards other undergraduate programs. Students who have successfully completed the majority of the courses for this Certificate prior to graduation may finish the Certificate post-degree.

The Department of French Studies is also an examination centre for the Paris Chamber of Commerce and Industry Business French exams. Consult the French Studies Department for further details.

*Effective **September 1, 2013**, the requirements for French 2207A/B and 2208A/B are to be revised to allow students with higher level of French to take the two courses.*

French 2207A/B - French for Public Administration

This online course is designed for students with a good basic knowledge of French who wish to improve their French skills in their specific field of interest. Focus on current Canadian and international topics in Public Administration. Format is interactive and website includes self-assessment tools in order to monitor acquisition of new vocabulary and material.

Prerequisite(s): **A minimum of** grade 12U French **or its equivalent** French 1010, or permission of the Department of French Studies **based on the Placement Test.**

Distance Studies, online, 0.5 course.

French 2208A/B - French for Healthcare Professionals

This online course is designed for students with a good basic knowledge of French who wish to improve their French skills in their specific field of interest. Focus on current Canadian and international topics in Healthcare. Format is interactive and website includes self-assessment tools in order to monitor acquisition of new vocabulary and material.

Prerequisite(s): **A minimum of** grade 12U French **or its equivalent** French 1010, or permission of the Department of French Studies **based on the Placement Test.**

Distance Studies, online, 0.5 course.

MODERN LANGUAGES AND LITERATURES

*Effective **March 1, 2013**, the following courses be removed as part of the Italian course offerings in the Department of Modern Languages and Literatures on Main Campus.*

Italian 2100 – The Capitals of Italian Culture

Italian 2250 – Intermediate Italian

Italian 2250W/X – Intensive Intermediate Italian

Italian 2230F/G – The Italian Literary Tradition I: Medieval, Renaissance, Baroque

Italian 2231F/G – The Italian Literary Tradition II: from Romanticism to Postmodernism

Italian 2270A/B – 2273A/B - Special Topics in Italian Language and Linguistics

Italian 3301F/G – Special Topics in Italian Studies

Italian 3330F/G – 3337F/G – Special Topics in Italian Literature and Culture

Italian 3370A/B – 3373A/B – Special Topics in Italian Language and Linguistics

Italian 3511F/G – Books on the Big Screen

Italian 4420 – Fourth-Year Italian: Language and Culture

Italian 4470A/B – 4473A/B – Special Topics in Italian Language and Linguistics

*Effective **March 1, 2013**, the following be introduced as part of the Italian course offerings in the Department of Modern Languages and Literatures on Main Campus.*

Italian 2200 – Intermediate Italian

This course further develops students' communicative skills using authentic materials including songs, films, websites. Students will familiarize themselves with the richness of Italian contemporary culture and will expand their knowledge of grammar.

Antirequisite(s): Italian 2200 W/X.

Prerequisite(s): Italian 1030, 1030 W/X, Grade 12U Italian or permission of the Department.

4 hours, 1.0 course.

Italian 2200W/X – Intensive Intermediate Italian

This course further develops students' communicative skills using authentic materials including songs, films, websites. Students will familiarize themselves with the richness of Italian contemporary culture and will expand

their knowledge of grammar. This accelerated course requires a very high level of commitment.

Antirequisite(s): Italian 2200.

Prerequisite(s): Italian 1030 or 1030W/X or Grade 12U Italian with a minimum grade of 60% or permission of the Department.

8 hours, one semester, 1.0 course.

Italian 2240F/G – Italian Journeys

Discover Tuscany, Sicily, Venice and much more. Join illustrious travelers like Goethe, Dickens and Stendhal to explore fundamentals of Italian culture from the Middle-Ages to modernity with reference to architecture, literature, film, and visual arts. Taught in English.

Antirequisite(s): CLC 2100, Italian 2100

3 hours, 0.5 course.

Italian 2241F/G – Italian Popular Films

Study Italian Cinema and its popular genres. Explore topics such as the Italian economic boom, the evolution of the Italian family, sexuality and gender relations. Spaghetti Western, crime movies, Italian-style horror and comedy will be among the genres considered. Taught in English.

4 hours, 0.5 course

Italian 2280A/B – 2284A/B – Special Topics in Italian

Special credit for Italian language or culture studies at authorized universities and institutions in approved programs. Not taught on campus.

Pre-or Corequisite(s): Italian 1030 or 1030W/X or permission of the Department.

3 hours, 0.5 course.

Italian 3325A/B – Italian Opera: Words and Music

Focusing on an art form closely associated with Italy and its culture, this course will guide the students into understanding the linguistic and literary specificity of Italian librettos, while exploring the major themes of classic Italian operas like love and death, desire, honour, betrayal. Taught in Italian.

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

3 hours, 0.5 course.

Italian 3329F/G – Women in Italian Literature and Culture

Explore the representations of women in Italian media and literature. Map a plurality of images of femininity onto their historical and cultural backgrounds. Assess the value of cultural constructs ranging from the angel to the prostitute to the diva. Taught in Italian.

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

3 hours, 0.5 course.

Italian 3340F/G – Rome: the Eternal City

Discover Rome and its prominent role in the global political and religious context. Understand its unique contribution to Western arts and culture. Identify and map traces of the past in the city's contemporary urban landscape and daily life. Taught in English.

3 hours, 0.5 course. Enrollment in year 3 or 4.

Italian 3350F/G– Masterpieces of Italian Literature: From the Middle Ages to Romanticism

[Short title: Masterpieces of Italian Literature]

Journey through Italian literature from the Middle Ages to the early twentieth century. Focus on masters such as Dante, Boccaccio, Petrarch, Leopardi. Topics may include love, nature and power. Particular attention will be paid to the cultural connections with other disciplines and literary traditions. Taught in English and Italian.

Pre-or Corequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 3351F/G – Renaissance Epic

Mad love, witchcraft and chivalry are some of the topics found in the Italian epic tradition, including in Orlando

Innamorato, Orlando Furioso and Gerusalemme liberata. The course will examine the epic tradition in the context of Renaissance culture and in relation to other art forms. Taught in English and Italian.

Pre-or Corequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 3360F/G – 3367F/G – Special Topics in Italian Literature and Culture

Consult the Department for current offerings. Taught in English and Italian.

Pre-or Corequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 3380A/B - 3384A/B - Special Topics in Italian

Special credit for Italian language or culture studies at authorized universities and institutions in approved programs. Not taught on campus.

Pre-or Corequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 4400A/B –Fourth-Year Italian: Language, History and Culture

Further refinement of oral and written skills through exposure to complex material, including journal articles, sociology essays, literature and translations, as well as to varieties of formal and informal Italian. Discussion of various historical and cultural topics will deepen the students' understanding of Italian civilization.

Prerequisite(s): Italian 3300 with a minimum standing of 60% or permission of the Department.

4 lecture/tutorial hours, 0.5 course.

Italian 4410F/G – Masterpieces of Contemporary Italian Literature

Explore contemporary Italian literature and its masters such as Calvino, Ginzburg, Sciascia, Tabucchi, with a focus on particular aspects of Italian culture, and connections to other disciplines and literary traditions. Topics may include the relationship between literature and society, city versus country, nostalgia, desire, identity. Taught in Italian.

Prerequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 4411F/G - Books on the Big Screen

Explore the interplay between cinema and literature in Italian culture, focusing on the adaptation of great literary works into classic films. Students will be introduced to elements of semiotics that will allow them to appreciate and discuss the distinctive features of verbal and filmic narrative. Taught in Italian.

Prerequisite(s): Italian 3300 or permission of the Department.

4 hours, 0.5 course.

Italian 4412F/G – From Commedia Dell'Arte to Modern Theatre

Explore the Italian theatrical tradition, from Commedia Dell'Arte to modern and contemporary performances. Engage with a number of theatrical techniques and consider the style, characters and themes of Italian performance art. Taught in Italian.

Prerequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 4460F/G – 4467F/G – Special Topics in Italian Literature and Culture

Consult the Department for current offerings. Taught in English and Italian.

Prerequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Italian 4480A/B - 4484A/B - Special Topics in Italian

Special credit for Italian language or culture studies at authorized universities and institutions in approved programs. Not taught on campus.

Prerequisite(s): Italian 3300 or permission of the Department.

3 hours, 0.5 course.

Effective **January 1, 2013**, the following courses be adjusted in their course description as part of the Italian course offerings in the Department of Modern Languages and Literatures on Main Campus.

Italian 1030W/X – Intensive Italian for Beginners (Accelerated)

An introduction to oral and written Italian with emphasis on the development of communicative skills. No previous knowledge of Italian is required. This accelerated course requires a very high level of commitment.

Antirequisite(s): **Grade 12U Italian, Italian 1030.**

8 hours, one semester, 1.0 course.

Italian 2215F/G – Exploring Italian Culture

Introduction to reading, writing and researching in various aspects of Italian culture, with a focus on its contribution to other cultures. Students develop foundations in such fields as the performing and literary arts, politics and popular culture, film about Italian culture and its contribution to the global context. Students will acquire foundations through case studies concerning arts, literature, language, history and identity. Taught in Italian by one a core professor in conjunction with different specialists.

Pre-or Corequisite(s): ~~Italian 2250 or 2250W/X~~ **Italian 2200 or 2200W/X** or permission of the Department.
3 hours, 0.5 course. **Taken in second year.**

Italian 2220A/B – Italian Conversation

~~Twelve~~ Guided conversations in Italian, dealing with the hottest issues in contemporary Italy. Students will develop their communicative skills in Italian through discussion of a number of topics, ranging from social and political issues to TV and pop culture, fashion, food, sports.

Pre-or Corequisite(s): ~~Italian 2250 or 2250W/X~~ **Italian 2200 or 2200W/X** or permission of the Department.
3 hours, 0.5 course. **Taken in second or third year.**

Italian 2260F/G-2267F/G- Special Topics in Italian Literature and Culture

~~Please~~ Consult the Department for current offerings. Taught in English **and Italian.**

Prerequisite(s): ~~Italian 2250 or 2250W/X or permission of the Department.~~

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

3 hours, 0.5 course.

Note: The separate ranges of 2260F/G-2261F/G and 2262F/G-2267F/G were combined.

Italian 4490F/G - 4494F/G - Independent Study

Individual reading and research at an advanced level under faculty supervision. Students are responsible for arranging independent study credit with an individual faculty member. **Taught in Italian.**

Pre-or Corequisite(s): **Italian 3300 or permission of the Department.**

0.5 course.

Effective **March 1, 2013**, Italian 3300 be revised as part of the Italian course offerings in the Department of Modern Languages and Literatures on Main Campus.

Italian 3300 - Advanced Italian

~~A thorough review of Italian grammar. Formal grammar instruction will be supplemented with readings from Italian literature. Emphasis will be placed on reading comprehension and the development of written and oral skills.~~ **This course expands students' communicative skills, introduces idiomatic expressions and increases control of grammatical structures. Material will be drawn from authentic articles, websites and films. Discussion will be focused on cultural aspects of Italy's past and contemporary society.**

Prerequisite(s): ~~Italian 2250 or 2250W/X or the former Italian 020 or 020w/x~~ **Italian 2200 or 2200W/X** with a minimum standing of 60%, or permission of the Department.

4 hours, 1.0 course.

FACULTY OF SCIENCE

BIOLOGY

Effective **September 1, 2013**, Biology 3218F/G Biology of the Fungi offered by the Department of Biology in the Faculty of Science will be revised.

Biology 3218F/G Biology of the Fungi

This course provides an introduction to the fungi with emphasis on their biology, ecology, genetics and interactions with other organisms, including humans and their crops. The fungi studied include those with motile cells in the Kingdom Chromista and the much more numerous species in the Eumycota—Zygomycetes, Ascomycetes and Basidiomycetes—including those with yeast-like forms. Emphasis is on the true fungi, including yeasts, with brief treatment of other fungus-like microbes of the Kingdoms Chromalveolata and Amoebozoa.

Antirequisite(s): The former Biology 318b.

Prerequisite(s): One of Biochemistry 2280A, Biology 2484A or 2581B. At least 1.0 course in Biology at the 2200-level or higher.

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

Effective **September 1, 2013**, Biology 1229F/G Biology: The Secrets of Life offered in the Department of Biology in the Faculty of Science will be revised.

Biology 1229F/GA/B Biology: The Secrets of Life

This course will provide a broad background of the history and main areas of biology, before embarking on a series of case studies and guest lectures including life in extreme environments, Antarctica, invasive species and extinctions.

Antirequisite(s): Biology 1001A, 1002B, 1201A, 1202B

3 lecture hours, 0.5 course.

For non-Science students. May not be taken for credit by students registered in either the Faculty of Science or the Schulich School of Medicine and Dentistry.

Effective **September 1, 2013**, Biology 3601A/B Animal Physiology I in the Department of Biology in the Faculty of Science will revise its prerequisites.

Biology 3601A/B - Animal Physiology I

This course will examine the form and function of physiological and biochemical systems in the vast diversity of non-human animals. It will emphasize the importance of phylogeny and environmental selective pressures on the evolution of these systems.

Antirequisite(s): The former Biology 3651A/B.

Prerequisite(s): A minimum mark of 60% in Biology 2601A/B or the former Biology 2672A/B.

3 lectures hours, 2 tutorial hours, 0.5 course.

Effective **September 1, 2013**, Biology 3466B: Evolutionary Genetics in the Department of Biology in the Faculty of Science will change its prerequisites by adding Statistical Sciences 2244A/B: Statistics for Science.

Biology 3466B - Evolutionary Genetics

The study of evolution in large and small random and non-random mating populations, showing discrete and quantitative inheritance. The roles and importance of mutation, inbreeding, drift, selection and linkage.

Prerequisite(s): One of Biology 2244A/B, Statistical Sciences 2035, 2141A/B, 2244A/B, the former 2122A/B, Psychology 2810; Biology 2581B; or permission of the Department. Biology 2486A is recommended.

2 lecture hours, 3 laboratory hours, 0.5 course.

Effective **September 1, 2013**, *Biology 3436F/G: Animal Behaviour in the Department of Biology in the Faculty of Science will change its prerequisites by adding Statistical Sciences 2244A/B: Statistics for Science.*

Biology 3436F/G - Animal Behaviour

Introduction to the science of animal behavior with emphasis on the evolution and adaptive nature of behavior. A comparative experimental approach is used to illustrate topics such as the development, control, and organization of behavior, foraging, predation, mate choice, mating systems, parental care, communication, and social behavior.

Antirequisite(s): Psychology 3221F/G; the former Biology 336a.

Prerequisite(s): A half or full course equivalent statistics course chosen from: Biology 2244A/B (or equivalent courses: Statistical Sciences 2035, 2141A/B, **2244A/B**, the former 2122A/B, Psychology 2810). Note: Statistical Sciences 2037A/B is not acceptable.

Pre-or Corequisite(s): Biology 2483A, 2486A is recommended.

2 lecture hours, 3 laboratory hours, 0.5 course.

Effective **September 1, 2013**, *Biology 3440A/B: Ecology of Populations in the Department of Biology in the Faculty of Science will add Statistical Sciences 2244A/B: Statistics for Science to its prerequisites and update the course description.*

Biology 3440A/B - Ecology of Populations

~~Empirical and theoretical approaches to examine population dynamics and causes of population changes in space and time. Population processes are critical components of conservation biology and management of endangered species.~~ **Knowing how many individuals of a given species there are and identifying the factors that cause population numbers to change is fundamental for conservation, fisheries, forestry, and managing everything from pest insects to pandas. This course combines the central tenets of population ecology with hands-on techniques for its practical application.**

Prerequisite(s): Biology 2483A; **One of** Biology 2244A/B, ~~or~~ Psychology 2810, **Statistical Sciences 2244A/B**, or the former Statistical Sciences 2122A/B.

2 lecture hours, 3.0 laboratory hours, 0.5 course

Effective **September 1, 2013**, *Biology 4259F/G: Research Hypothesis Testing in the Department of Biology in the Faculty of Science will add Statistical Sciences 2244A/B: Statistics for Science to its prerequisites.*

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.

Antirequisite(s): The former Biology 444a.

Prerequisite(s): Biology 2244A/B or one of Statistical Sciences 2035, 2141A/B, **2244A/B**, the former 2122A/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, 2013**, *Biology 4441F: Special Topics in Evolution in the Department of Biology in the Faculty of Science will revise the prerequisites and change the designation of the course to 'F/G'.*

Biology 4441F/G - 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.

Antirequisite(s): The former Biology 441a.

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, 2013**, *revise the Admission Requirements in the following modules.*

Honors Specialization in Biology

Admission Requirements

...

Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223; ~~Chemistry 1100A/B and 1200B, or the former Chemistry 1020, 1050 or 023~~ **Chemistry 1301A/B and 1302A/B, or the former Chemistry 1100A/B and 1200B, or 1050**; plus 1.0 additional course, with no mark in any of these principal courses below 60%.

...

Honors Specialization in Animal Behaviour

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 Biology 1001A or 1201A and Biology 1002B or 1202B or the former Biology 1222, 1223; ~~Chemistry 1100A/B and 1200B or the former Chemistry 1050, 1020 or 023~~ **Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050**; Psychology 1000 or the former 1200; plus 1.0 additional course, with no mark in these principal courses below 60%.

...

Honors Specialization in Genetics

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: Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223; ~~Chemistry 1100A/B and 1200B or the former Chemistry 1050, 1020 or 023~~ **Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050**; plus 1.0 additional course, with no mark in any of these principal courses below 60%.

...

Honors Specialization in Genetics and Biochemistry

Admission Requirements

...

1.0 course from: ~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ **Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050.**

...

Major in Biology

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ **Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050.**

...

Major in Ecosystem Health

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ **Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050.**

...

Minor in Biology

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ **Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050.**

...

Specialization in Biology

Admission Requirements

Completion of first year requirements including a minimum mark of 60% in each of Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223. ~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050.

...

Major in Genetics

Admission Requirements

Completion of first year requirements including a minimum mark of 60% in each of Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223. ~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050.

...

CHEMISTRY

Effective **September 1, 2013**, Chemistry 1301A/B: Discovering Chemical Structure be introduced by the Department of Chemistry, Faculty of Science.

Chemistry 1301A/B: Discovering Chemical Structure

An introduction to the foundational principles of chemical structure and properties, emphasizing their relevance to modern science. Topics include: atomic structure, theories of chemical bonding, structure and stereochemistry of organic molecules, and structure of coordination complexes.

Prerequisites: Grade 12U Chemistry (SCH4U) or equivalent.

Antirequisites: Chemistry 1024A/B or the former Chemistry 1100A/B, 1050.

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

Effective **September 1, 2013**, Chemistry 1302A/B: Discovering Chemical Energetics be introduced in the Department of Chemistry, Faculty of Science.

Chemistry 1302A/B: Discovering Chemical Energetics

An examination of how the fundamentals of energetics influence chemical processes. Topics include: gases, thermodynamics and thermochemistry, chemical equilibria, solubility, weak acids and bases, electrochemistry, and chemical kinetics.

Prerequisites: Chemistry 1301A/B (or the former 1100A/B). Grade 12U Advanced Functions (MHF4U) or Calculus & Vectors (MCV4U), or Mathematics 0110A/B or 0105A, is strongly recommended.

Antirequisites: Chemistry 1024A/B, or the former Chemistry 1200B, 1050.

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

Effective **September 1, 2013**, Chemistry 1100A/B: Discovering Chemistry I and Chemistry 1200B: Discovering Chemistry II be withdrawn from the course offerings of the Department of Chemistry, Faculty of Science.

Effective **September 1, 2013**, revise the Admission Requirements in the following modules.

Honors Specialization in Chemistry

Admission Requirements

...

1.0 course from: ~~Chemistry 1100A/B and 1200B~~ 1301A/B and 1032A/B (with an average of at least 60%), or the former ~~Chemistry 1050, 1020 with a minimum mark of 60%, or the former Chemistry 023 with a minimum mark of 70%~~ Chemistry 1100A/B and 1200B (with an average of at least 60%) or Chemistry 1050, with a minimum mark of 60%.

...

Honors Specialization in Biochemistry and Chemistry

Admission Requirements

...

1.0 course from: Chemistry ~~4100A/B and 1200B~~ 1301A/B and 1032A/B (with an average of at least 60%), or the former Chemistry 1050, 1020 with a minimum mark of 60%, or the former Chemistry 023 with a minimum mark of 70% ~~Chemistry 1100A/B and 1200B (with an average of at least 60%) or Chemistry 1050, with a minimum mark of 60%.~~

...

Major in Chemistry

Admission Requirements

...

1.0 course from: Chemistry ~~4100A/B and 1200B~~ 1301A/B and 1032A/B (with an average of at least 60%), or the former Chemistry 1050, 1020 with a minimum mark of 60%, or the former Chemistry 023 with a minimum mark of 70% ~~Chemistry 1100A/B and 1200B (with an average of at least 60%) or Chemistry 1050, with a minimum mark of 60%.~~

...

Specialization in Chemistry

Admission Requirements

...

1.0 course from: Chemistry ~~4100A/B and 1200B~~ 1301A/B and 1032A/B (with an average of at least 60%), or the former Chemistry 1050, 1020 with a minimum mark of 60%, or the former Chemistry 023 with a minimum mark of 70% ~~Chemistry 1100A/B and 1200B (with an average of at least 60%) or Chemistry 1050, with a minimum mark of 60%.~~

...

Minor in Chemistry

Admission Requirements

...

1.0 course from: Chemistry ~~4100A/B and 1200B~~ 1301A/B and 1032A/B (with an average of at least 60%), or the former Chemistry 1050, 1020 with a minimum mark of 60%, or the former Chemistry 023 with a minimum mark of 70% ~~Chemistry 1100A/B and 1200B (with an average of at least 60%) or Chemistry 1050, with a minimum mark of 60%.~~

...

COMPUTER SCIENCE

Effective **September 1, 2013**, Computer Science 4490Z: Thesis will be revised through modifications to course prerequisites.

Computer Science 4490Z: Thesis

A project or research paper completed with minimal faculty supervision. An oral presentation plus a written submission will be required.

Antirequisite(s): Computer Science 3380F/G/Z, 4460Z, 4470Y, 4480Y, the former Computer Science 380a/b/y, 490y.

Prerequisite(s): (2.0 courses from: Computer Science 3305A/B, 3307A/B/Y, 3331A/B, 3340A/B, 3342A/B, 3350A/B; plus registration in the Honors Specialization in Computer Science or the Combined Honors BSc Computer Science/Juris Doctor (JD) Program) or (2.0 courses from: Computer Science 3305A/B, 3307A/B/Y, 3319A/B, 3331A/B, 3340A/B, 3357A/B; plus registration in the Honors Specialization in Information Systems).

3 lecture hours, 0.5 course.

Effective **September 1, 2013**, revise the Admission Requirements in the Honors Specialization in Bioinformatics (Computer Science Concentration).

Honors Specialization in Bioinformatics (Computer Science Concentration)

Admission Requirements

...

Biology 1001A and 1002B, or the former Biology 1222 or 1223; ~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050; Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B, in either case with a mark of at least 65%; 1.0 course from: Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B, the former Linear Algebra 1600A/B, or the former Calculus 1201A/B.

...

MEDICAL SCIENCES

Effective **September 1, 2013**, the prerequisites for Medical Sciences 4100F/G – Introduction to Medical Science, Experimental Models and Animal Pathology will be revised.

Medical Sciences 4100F/G – Introduction to Medical Science, Experimental Models and Animal Pathology

An introduction to the field of laboratory animal science and comparative human and animal pathology. Major topics include regulatory oversight of animal-based research, animal biology and disease, animals as models of human diseases, genetic manipulation of research animals, and major intrinsic and extrinsic factors affecting biomedical research.

Antirequisite(s): The former Pathology 3900F/G.

Prerequisite(s): Enrollment in Year 4 of an Honors Specialization module offered by any of the Basic Medical Science departments, a BSc degree or an Honors BSc degree, or permission of the course director.

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

PHYSICS AND ASTRONOMY

Effective **September 1, 2013**, revise the Admission Requirements in the following modules.

Honors Specialization in Materials Science

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050

...

Major in Materials Science

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050

...

Specialization in Materials Science

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050

...

Minor in Materials Science

Admission Requirements

...

~~Chemistry 1100A/B and 1200B, or the former 1050, 1020 or 023~~ Chemistry 1301A/B and 1302A/B or the former Chemistry 1100A/B and 1200B, or 1050

...

PHYSIOLOGY AND PHARMACOLOGY

Effective **January 1, 2013**, *Physiology 4100A/B: Digestion and Related Metabolism*, will be introduced by the Department of Physiology and Pharmacology, in the Schulich School of Medicine & Dentistry.

Physiology 4100A/B - Digestion and Related Metabolism

This course will cover gastrointestinal secretion, motility, digestion, absorption, hepatic and pancreatic physiology. Specific areas will include: gut-brain-liver axis and nutrient metabolism, exocrine and endocrine pancreas, liver and lipid metabolism. Relevant pathologies and disease states, including obesity, diabetes, and metabolic syndrome along with current therapeutic strategies will be covered.

Prerequisite(s): Physiology 3120

2 lecture hours, 0.5 course.

BRESCIA UNIVERSITY COLLEGE**FAMILY STUDIES**

Effective **March 1, 2013** the prerequisites for Family Studies 4220A/B, 4230A/B, 4403 be revised.

Family Studies 4220A/B - Theoretical Perspectives in Family Studies Research

Students will be introduced to the major theoretical frameworks used by social scientists to explain variation in family life including life span, life course, developmental, social learning, social exchange, social conflict, symbolic interactionist, ecological, family systems and feminist theory perspectives.

Antirequisite(s): The former Family Studies 3220A/B.

Prerequisite(s): Family Studies 1020 **A 3000-level Family Studies course** or permission of the instructor.

3 lecture hours, 0.5 course.

(Brescia)

Family Studies 4230A/B - Qualitative Research in Family Studies

An introduction to qualitative research and its application to the study of the family. Topics to be considered include participant observation, interview skills, life histories and methods of analysis.

Antirequisite(s): The former Family Studies 3230A/B.

Prerequisite(s): Family Studies 1020 **A 3000-level Family Studies course** or permission of the instructor.

3 lecture hours, 0.5 course.

(Brescia)

Family Studies 4403 - Practicum in Family Studies

Supervised field placement in family-focused community organizations. Enrollment limited to third and fourth year Brescia Family Studies students who meet volunteer/service background guidelines.

Antirequisite(s): The former Family Studies 4401A/B.

Prerequisite(s): Family Studies 2200E or 2225 and **A 3000-level Family Studies course** or permission of the instructor. **Restricted to students in their 3rd or 4th year.**

3 seminar/practicum hours, 1.0 course.

Note: Enrollment by permission of instructor only. Please contact the instructor to submit an application and a transcript. Enrollment is limited. Meeting the minimum requirements does not guarantee admission.

(Brescia)

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

Effective **September 1, 2013**, *Social and Peace Studies 2200E* to be revised to add co-requisites at King's University College.

Social Justice and Peace Studies 2200E - Perspectives on Social Justice and Peace

A comprehensive survey of the theoretical perspectives on social justice and peace chiefly examining the Judeo-Christian tradition, as well as liberal and Marxist positions.

Prerequisite(s): Social Justice and Peace Studies 1020E or registration in a module in Media and the Public Interest.

Corequisite(s): Social Justice and Peace Studies 2201F/G/Z and Interdisciplinary Studies 2240F/G

3 hours, 1.0 course.

(King's)

Effective **September 1, 2013**, Social Justice and Peace Studies 3311F/G be revised at King's University College.

Social Justice and Peace Studies 3311F/G - Advanced Qualitative Research

This research theory and methods course teaches students how to design their own qualitative research project bearing in mind how power plays into social justice research. Students use processual and critical theory to create inclusive research designs, ethics, analysis and methods (narrative, ethnography, literature review, survey).

Antirequisite(s): Social Justice and Peace Studies 4400E.

Prerequisite(s): Interdisciplinary Studies 3310F/G 2252F/G, and registration in an SJPS a Social Justice and Peace Studies module.

3 hours, 0.5 course

(King's)

DAP UPDATE: MINOR CHANGES

FACULTY OF ARTS AND HUMANITIES

Effective **September 1, 2013**, the tutorial/laboratory hours be decreased in French 1002.

French 1002 - Intensive French

Course description: No change.

Antirequisite(s): The former French 1101, Ontario Grade 11 French (Core, Extended or Immersion) or equivalent.

Prerequisite(s): Permission of Department of French Studies based on French Placement Test.

54 tutorial/laboratory hours, 1.0 course.

Effective **September 1, 2013**, Italian 1030W/X was made antirequisite to Italian 1030.

Italian 1030 – Italian for Beginners

Course description: No change.

Antirequisite(s): Grade 12 U Italian, Italian 1030W/X.

4 hours, 1.0 course.