

The following proposals, received on DAP between December 1-15, 2014, have been approved. For more information on the DAP process, [see the Academic Handbook here](#).

FACULTY OF ARTS AND HUMANITIES

ENGLISH AND WRITING STUDIES

Effective **September 1, 2015**, the following modules be revised.

HONORS SPECIALIZATION IN ENGLISH LANGUAGE AND LITERATURE

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Module

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1.0 course from: **Classical Studies 3100E**, English 3226E, 3227E, 3556E, 3666F/G, 3776F/G

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SPECIALIZATION IN ENGLISH LANGUAGE AND LITERATURE

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Module

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1.0 course from: **Classical Studies 3100E**, English 3226E, 3227E, 3556E, 3666F/G, 3776F/G.

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MAJOR IN ENGLISH LANGUAGE AND LITERATURE

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Module

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1.0 course from: **Classical Studies 3100E**, English 3001, 3012, 3115E, 3116E, 3224E, 3226E, 3227E, 3228F/G, 3334E, 3336F/G.

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Effective **September 1, 2015**, Theatre Studies 3209F/G will be introduced and added to Theatre Studies modules.

Theatre Studies 3209F/G: Indigenous Theatre and Performance

This course examines Indigenous drama and performance practices, combining an attention to aesthetic traditions, Indigenous storytelling and innovation with an awareness of the cultural and political contexts shaping dramatic texts and performances.

Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.

3 hours, 0.5 course.

MAJOR IN THEATRE STUDIES

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Module

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4.0 courses taken in Years 3 and Year 4 from Theatre Studies 3201F/G, 3202F/G, 3203F/G, 3204F/G, 3205F/G, 3206F/G, 3207F/G, 3208F/G, **3209F/G**, 4211F/G, 4212F/G, 4213F/G, 4214F/G, 4215F/G. At least 1.0 course must be at the 4000 level. Up to 1.0 relevant course other than Theatre Studies may be substituted with permission of the Chair of Undergraduate Studies.

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MINOR IN THEATRE STUDIES

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Module

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2.0 courses taken in Years 3 and Year 4 from Theatre Studies 3201F/G, 3202F/G, 3203F/G, 3204F/G, 3205F/G, 3208F/G, 3209F/G, 4211F/G, 4212F/G, 4213F/G, 4214F/G, 4215F/G. Up to 1.0 relevant course other than Theatre Studies may be substituted with permission of the Chair of Undergraduate Studies.

FRENCH STUDIES

Effective **March 1, 2015**, the following course be introduced.

French 2170A/B - The Neurolinguistic Approach to Second-Language Acquisition

This intensive 2-week course provides a theoretical overview of the neurolinguistic approach to second language acquisition. Students will examine the various strategies for oral production, reading and writing that have been conceptualized in order to operationalize this approach.

Prerequisite(s): Permission of the Trois-Pistoles French Immersion School

45 hours in total, 0.5 course. Only offered in Trois-Pistoles French Immersion School.

Note: This course cannot count towards a Department of French Studies module.

INTERFACULTY

WOMEN'S STUDIES AND FEMINIST RESEARCH

Effective **March 1, 2015**, the following course be introduced.

Women's Studies 1023F/G: Gay Life and Culture in the 21st Century: Beyond Adam and Steve

Judging by the media, you would think the only issue in gay life today is same-sex marriage. This course will examine many of the other issues affecting gay men, such as sexual politics and practices, body image, health, consumer culture, social media, television and film, and intersections with race and class.

3.0 hours, 0.5 course

Effective **September 1, 2015**, the following courses be introduced.

Women's Studies 2163A/B: Sex, How To: Sex Education, Its History and Controversies

Sex education is a controversial topic; should we even be teaching people how to have sex or how not to have sex? This course traces the history of sex education and its many controversies as well as looking at contemporary sex education practices both locally and in an international context.

3.0 hours, 0.5 course

Women's Studies 2211F/G: Special Topics in Women's Writing

Selected topics on issues connected to women's writing. Consult the Department of Women's Studies and Feminist Research for current offerings.

Prerequisite(s): Women's Studies 1020E or Women's Studies 1021F/G plus Women's Studies 1022F/G, or permission of the Department.

3.0 hours, 0.5 course

Women's Studies 3173F/G: Queer Theory

What is queer theory, where did it come from, how is it changing? Examining key foundational texts in queer theory, the contexts for its emergence, and debates over its contemporary usefulness and direction, students in this course will trace the development of queer theory from Foucault to the present day.

Prerequisite(s): Women's Studies 2273E

3.0 hours, 0.5 course

Women's Studies 3311F/G: Special Topics in Women's Writing

Selected topics on issues connected to women's writing. Consult the Department of Women's Studies and Feminist Research for current offerings.

Prerequisite(s): Women's Studies 2220E, or permission of the Department.
3.0 hours, 0.5 course

Women's Studies 3315F/G: Special Topics in Women's Studies

Topics of current interest in Women's Studies. Consult the Department of Women's Studies and Feminist Research for current offerings.

Prerequisite(s): Women's Studies 2220E, or permission of the Department.
3.0 hours, 0.5 course

Women's Studies 3316F/G: Special Topics in Women's Studies

Topics of current interest in Women's Studies. Consult the Department of Women's Studies and Feminist Research for current offerings.

Prerequisite(s): Women's Studies 2220E, or permission of the Department.
3.0 hours, 0.5 course

Women's Studies 3333F/G: Feminist Topics in Sexuality Studies

Sexuality Studies is an interdisciplinary field focusing on the history and construction of human sexualities and gender identities. Areas of investigation may include anthropology, art, health care, law, literature, popular culture, psychology, sociology, and theatre. While specific topics will vary, the course will present various feminist perspectives on human sexualities.

Prerequisite(s): Women's Studies 2220E or Women's Studies 2273E, or permission of the Department.
3.0 hours, 0.5 course

Women's Studies 3343F/G: Feminist Topics in Sexuality Studies

Sexuality Studies is an interdisciplinary field focusing on the history and construction of human sexualities and gender identities. Areas of investigation may include anthropology, art, health care, law, literature, popular culture, psychology, sociology, and theatre. While specific topics will vary, the course will present various feminist perspectives on human sexualities.

Prerequisite(s): Women's Studies 2220E or Women's Studies 2273E, or permission of the Department.
3.0 hours, 0.5 course

Effective September 1, 2015, the following modules be revised.

MAJOR IN SEXUALITY STUDIES

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Module

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2.0 courses from the area of "History, Culture, Practice": Anthropology 2202F/G, 2255E Classical Studies 3300F/G, 3310F/G, 3350F/G Geography 3412F/G, History 2185, 4803E, Psychology 2075, Women's Studies 2160A/B, 2163A/B, 2205F/G, 2223F/G, 2283F/G, 3305F/G, 3333F/G, 3345F/G, 3356F/G, 4463F/G

1.5 course from the area of "Representation and Cultural Production": CLC 2241F/G, 3333F/G, 3334F/G, 3335F/G, 3336F/G, 3395F/G-3397F/G, English 3886F/G, Film 2255E, 3355F/G, Women's Studies 2161A/B, 2162A/B, 2203F/G, 2223F/G, 2243F/G, 3153F/G, 3343F/G, 3363F/G, Visual Arts History 2286F/G, 2287F/G

0.5 course from the area of "Theory": Philosophy 2077F/G, 4750F/G, Women's Studies 2233F/G, 2253E, 2263F/G, 3173F/G

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MINOR IN GENDER, SEXUALITY AND CULTURE

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Module

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1.0 course from: Women's Studies 2160A/B, 2161A/B, 2162A/B, 2163A/B, 2203F/G, 2205F/G, 2223F/G, 2233F/G, 2243F/G, 2253E, 2263F/G, 2273E, 2283F/G, 3305F/G, 3153F/G, 3173F/G, 3333F/G, 3343F/G, 3345F/G, 3355E, 3356F/G, 3363F/G, 3373F/G.

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FACULTY OF ENGINEERING**CIVIL AND ENVIRONMENTAL**

Effective **September 1, 2015**, the following course be revised.

Civil and Environmental Engineering 2221A/B - Structural Theory and Design

Course description: No change.

Prerequisite(s): CEE 2202A/B, CEE 2220A/B.

Corequisite(s): Applied Mathematics 2411 or Applied Mathematics 2415.

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

FACULTY OF HEALTH SCIENCES**KINESIOLOGY**

Effective **September 1, 2015**, the following revisions be made to the Physical Activity Skills and Coaching Courses and Dance Courses sections of the Calendar.

PHYSICAL ACTIVITY SKILLS AND COACHING COURSES

Quarter (0.25) courses are designated with the suffix Q, R, S or T which refers to the 6-week term in which the course is offered. A minimum/maximum of four Physical Activity quarter courses (or equivalent) must be selected in each of second and third years. One quarter course per six-week term may be taken during any academic year. No more than twelve 0.25 (or equivalent) activity courses are allowed in any Kinesiology degree.

Prior to graduation, a student must complete a minimum of ~~eight~~ **four** 0.25 credit courses (or equivalent) in all Kinesiology degree programs, unless designated otherwise. **Normally these courses will be taken in year 2.**

For details go to: www.uwo.ca/fhs/kin/undergrad/modules/courses.html

Some of these activity courses may require additional expense by the student.

Dance 2275A/B, 2276A/B, 2375A/B, **2474A/B**, **2475A/B**, 2476A/B may be combined with or replace Physical Activity Skill or Coaching courses.

DANCE COURSES

Dance courses are considered principal Kinesiology courses. Dance 2274A/B, 2275A/B, 2276A/B, 2375A/B, **2474A/B** may be combined with or replace Physical Activity Skill or Coaching courses to complete physical activity course requirements.

A maximum of 1.0 courses from: Dance 2270A/B, **2474A/B**, **2475A/B**, 2476A/B and Dance courses at the 3000-4000 level can be used to complete non activity Kinesiology module(s) course requirements.

Effective **September 1, 2015**, the following modules be revised.

HONORS SPECIALIZATION IN KINESIOLOGY - BSc

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Module

9.5 courses:

2.0 courses: Anatomy and Cell Biology 2221, Kinesiology 2230A/B, 2241A/B (must be taken in second year).

~~2.0~~ **1.0** course from: Kinesiology 2900 - 2999, Kinesiology 3900 - 3999, Dance 2274A/B, 2275A/B, 2276A/B, 2375A/B, **2474A/B**, **2476A/B**. A minimum /maximum of four activity quarter courses (or equivalent) must be selected in each of second and third year.

0.5 course in Kinesiology at the 2000 level (non-activity based).

0.5 course from: Kinesiology 3343A/B, 3353A/B.

1.5 courses: Kinesiology 3330A/B, 3337A/B, 2032A/B or the former 332a/b.

1.0 course from: Kinesiology 3343A/B, 3353A/B, 4430F/G, 4432A/B, 4433A/B, 4440Y, 4443.
~~2-0~~ **3.0** additional Kinesiology courses at the 2000 level or above (non-activity based), of which 1.0 must be from: Kinesiology 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former Kinesiology 2290F/G, 2293F/G], Kinesiology 3362F/G, 3363A/B, 3378F/G, 3388A/B, 3390F/G, 3476F/G, 4459A/B, 4460F/G, 4468A/B, 4493F/G, 4498A/B.

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HONORS SPECIALIZATION IN KINESIOLOGY – BA

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Module

9.5 courses:

1.5 courses: Kinesiology 2222A/B*, Kinesiology 2230A/B, 2241A/B (must be taken in second year).

~~2-0~~ **1.0** course from: Kinesiology 2900 - 2999, Kinesiology 3900- 3999, Dance 2274A/B, 2275A/B, 2276A/B, 2375A/B, **2474A/B, 2476A/B**. A minimum /maximum of four activity quarter courses (or equivalent) must be selected in each of second and third year.

1.0 course from: Kinesiology 2236A/B, 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G].

0.5 course: Kinesiology 2032A/B or the former Kinesiology 332a/b.

~~4-5~~ **5.5** additional Kinesiology courses at the 2000 level or above (non-activity based), of which at least 1.0 course must be selected from: Kinesiology 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G], Kinesiology 3362F/G, 3363A/B, 3378F/G, 3388A/B, 3390F/G, 3476F/G, 4459A/B, 4460F/G, 4468A/B, 4493F/G, 4498A/B.

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HONORS SPECIALIZATION IN KINESIOLOGY - SPORT MANAGEMENT

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Module

10.5 courses:

2.5 courses: Kinesiology 2222A/B, 2230A/B, 2241A/B, 2250A/B, 2298A/B (must be taken in second year).

~~2-0~~ **1.0** courses from: Kinesiology 2900-2999, Kinesiology 3900-3999, Dance 2274A/B, 2275A/B, 2276A/B, 2375A/B, **2474A/B, 2476A/B**. A minimum/maximum of four activity quarter courses [or equivalent] must be selected in each of second and third year.

0.5 courses: Writing 2111F/G

1.5 courses: Kinesiology 2032A/B, 3398F/G, 3399A/B.

1.0 course: Kinesiology 4489A/B, 4498A/B.

~~3-0~~ **4.0** additional Kinesiology courses at the 2000 level or above (non-activity based), of which at least 1.0 course must be selected from: Kinesiology 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G], Kinesiology 3490F/G, 3510F/G, 4459A/B, 4460F/G.

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HONORS SPECIALIZATION IN KINESIOLOGY - FITNESS AND EXERCISE PRESCRIPTION

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Module

9.5 courses:

6.0 courses: Kinesiology 2222A/B, 2230A/B, 2236A/B, 2241A/B, 2276F/G, 2292F/G, 3337A/B, 3339A/B, 3347A/B, 3476F/G, 4433A/B, 4477A/B.

0.5 course from: Kinesiology 3410A/B, 4474A/B.

~~4-0~~ **2.0** course from: Kinesiology 3356A/B, 3360A/B, 3363A/B, 3410A/B or 4474A/B (if not previously selected), Kinesiology 3474A/B, 4430F/G, 4432A/B.

~~2-0~~ **1.0** *activity/Dance based courses of which ~~4-5~~ **0.5** must be selected from: Dance 2274A/B, Kinesiology 2926Q/R/S/T, 2907Q/R/S/T, 3925Q/R/S/T, 2961A/B, 2962A/B, 3961A/B. A minimum/maximum of four Physical Activity quarter courses (or equivalent) must be selected in ~~each of second and third year.~~

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FACULTY OF SCIENCE

Effective **January 1, 2015**, the following course be introduced.

Science 3377A/B: Project Management for the Sciences

Fundamental techniques, theories, and tools for managing successful projects in the Sciences. Project management standards and life cycles; resourcing, scheduling and estimating techniques for project management; project management organizational concerns, including project economic analysis, human resources, proposal development, risk management, funding models, procurement, and strategic alignments.

Antirequisite(s): Computer Science 3377A/B, Software Engineering 3351A/B.

Prerequisite(s): Registration in third or fourth year of any module in the Faculty of Science or Schulich School of Medicine & Dentistry.

3 lecture hours, 0.5 course.

BIOLOGY

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

Biology 2382B – Cell Biology

Course description: No change.

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

2 lecture hours, 1 lecture/tutorial hour, 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.~~

Biology 3435F/G - Animal Ecology

Course description: No change.

Prerequisite(s): ~~Either~~ Biology 2483A ~~or~~ 2486A.

2 lecture hours, 3 laboratory hours, 0.5 course.

Biology 3436F/G - Animal Behaviour

Course description: No change.

Antirequisite(s): Psychology 3221F/G

Prerequisite(s): ~~A half or full course equivalent statistics course chosen from:~~ **One of the following:** 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.

Biology 3442F/G - Conservation Biology

Course description: No change.

Prerequisite(s): Biology 2483A. ~~Biology 2486A is recommended~~

2 lecture hours, 3 tutorial hours, 0.5 course.

Biology 3466B - Evolutionary Genetics

Course description: No change.

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

Biology 3475A/B - Chemical Ecology

Course description: No change.

Prerequisite(s): Biology 2483A, **Chemistry 1301A/B and 1302A/B or the former** ~~Chemistry 1100A/B and 1200B or the former Chemistry 1050.~~

3 lecture hours, 0.5 course.

Biology 4441F/G - Special Topics in Evolution

Course description: No change.

Prerequisite(s): ~~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.

COMPUTER SCIENCE

Effective **September 1, 2014**, the following course be introduced.

Computer Science 1046A/B: Approachable Apps: An Introduction to Programming using JavaScript

Short Title: Approachable Apps in JavaScript

Foundations of app development for the web and mobile devices. An introduction to basic programming and scripting concepts, and technologies such as JavaScript, HTML, and CSS, which will be used to create a variety of apps and games. This course is intended for students with no prior programming or computing background.

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

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

Effective **January 1, 2015**, the following courses be revised.

Computer Science 3377A/B: Software Project Management

Course description: No change.

Antirequisite(s): **Science 3377A/B**, SE 3351A/B.

Prerequisite(s): Computer Science 2212A/B/Y.

3 lecture hours, 0.5 course.

Effective **March 1, 2015**, the following courses be introduced.

Computer Science 4476A/B/Y: Summer of Code

An examination of open source software development through Google's annual Summer of Code program. Students are exposed to real-world software development scenarios in mentored projects from a number of open source projects, gaining valuable and practical skills and experience in open source software development and maintenance.

Antirequisite(s): Computer Science 4437A/B/Y if taken during the Summer 2013 or 2014 academic terms.

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

3 lecture hours, 0.5 course.

Note: Students must notify the Department of their interest in registration in the course prior to the preceding May 1st for Computer Science 4476A/B/Y. Registration in the course is conditional upon acceptance into the Google Summer of Code program. Students are advised that the timeline for this program varies from year to year and it is their responsibility to ensure that they can participate in the program according to their schedule and needs.

Computer Science 4491: Practicum in Computer Science

Upon completion of required Diploma-credit courses, students will have the opportunity to participate in an optional practicum placement in a Computer Science position in industry or academia. Successful completion of this course will involve participation in pre-practicum workshops, application and interview processes, development of practicum learning goals, and evaluation by the practicum supervisor.

Prerequisite(s): Registration in the Diploma in Computer Science and completion of all Diploma-credit courses.

2.5 course, 560 hours

Computer Science 4492: Practicum in Game Development

Upon completion of required Diploma-credit courses, students will have the opportunity to participate in an optional practicum placement in a Game Development position in industry or academia. Successful completion of this course will involve participation in pre-practicum workshops, application and interview processes, development of practicum learning goals, and evaluation by the practicum supervisor.

Prerequisite(s): Registration in the Diploma in Game Development and completion of all Diploma-credit courses. 2.5 course, 560 hours

Effective **September 1, 2015**, the following course be introduced.

Computer Science 4478A/B: Master the Mainframe

The mainframe remains a critical piece of infrastructure for enterprise computing, with experts highly sought after by industry. This course studies the mainframe through IBM's annual Master the Mainframe program. Students are exposed to real-world development through hands-on projects, gaining valuable experience and skills for working with modern mainframe systems.

Antirequisite(s): Computer Science 4434A/B/Y if taken during Fall/Winter 2014.

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

3 lecture hours, 0.5 course.

Note: Registration in the course is conditional upon acceptance into the IBM Master the Mainframe program. Students are advised that the timeline for this program varies from year to year and it is their responsibility to ensure that they can participate in the program according to their schedule and needs; consultation with the Department prior to registration is highly recommended.

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

Computer Science 2101A/B: Foundations of Programming for High Performance Computing

Course description: No change.

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

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

Computer Science 2208A/B: Fundamentals of Introduction to Computer Organization and Architecture

~~Computer architecture; data representations; hardware; memory management; instruction sets; exposure to an assembly language for a RISC machine; assembly and linking.~~

This course gives an understanding of what a modern computer can do. It covers the internal representation of various data types and focuses on the architectural components of computers (how these components are interconnected and the nature of the information flow between them). Assembly language is used to reinforce these issues.

Prerequisite(s): Computer Science 1027A/B, 1037A/B, or Computer Science 2101A/B, in each case with at least 65%.

3 lecture hours, 1 laboratory hour, 0.5 course.

Computer Science 3305A/B: Operating Systems

Course description: No change.

Prerequisite(s): Either (Computer Science 2208A/B and ~~2212A/B/Y~~ 2211A/B) or (Computer Science 2101A/B and 2208A/B) or (Computer Science 2210A/B, 2211A/B, ECE 3375A/B, and registration in the fourth year of the a BSc program in Computer Engineering or Mechatronic Systems Engineering.)

3 lecture hours, 0.5 course.

Computer Science 3307A/B/Y: Object-Oriented Design and Analysis

Course description: No change.

Antirequisite(s): SE 2203A/B, 3352A/B

Prerequisite(s): Either (Computer Science 2212A/B/Y) or (Computer Science 2210A/B, 2211A/B, Electrical and Computer Engineering 3375A/B, and registration in the fourth year of the a BSc program in Computer Engineering or Mechatronic Systems Engineering.)

3 lecture hours, 0.5 course.

Computer Science 3340A/B: Analysis of Algorithms I

Course description: No change.

Prerequisite(s): Computer Science 2210A/B and 2211A/B; Computer Science 2214A/B or Mathematics 2155A/B or Computer Science 2101A/B or registration in the fourth year of the a BESC program in Computer Engineering or Mechatronic Systems Engineering.

3 lecture hours, 0.5 course.

Computer Science 3342A/B: Organization of Programming Languages

Course description: No change.

Antirequisite(s): SE 3352A/B.

Prerequisite(s): Computer Science 2211A/B Either (Computer Science 2208A/B and 2212A/B/Y) or (Computer Science 2210A/B, 2211A/B, Electrical and Computer Engineering 3375A/B and registration in the fourth year of the BESC program in Computer Engineering).

3 lecture hours, 0.5 course.

Computer Science 3346A/B: Artificial Intelligence I

Course description: No change.

Prerequisite(s): Either (Computer Science 2210A/B and 2211A/B) or (Software Engineering 2203A/B, 2205A/B and 2250A/B); Computer Science 2209A/B, or registration in the a BESC program in Computer Engineering, Mechatronic Systems Engineering, or Software Engineering.

3 lecture hours, 0.5 course.

Computer Science 3357A/B: Computer Networks I

Course description: No change.

Antirequisite(s): ECE 4436A/B.

Prerequisite(s): Computer Science 2208A/B, 2210A/B and 2211A/B

3 lecture hours, 0.5 course.

Computer Science 3375A/B: Interacting with Digital Information Data Visualization

Course description: No change.

Prerequisite(s): Computer Science 2121A/B, Computer Science 2210A/B, Digital Humanities 2221A/B, or permission of the Department.

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

Computer Science 3388A/B: Computer Graphics I

~~Graphic primitives.~~ The viewing pipeline; clipping and visibility problems. The graphical kernel system; picture generation and user interfaces.

Prerequisite(s): Either Computer Science 2212A/B/Y 2211A/B or 2101A/B or (Software Engineering 2203A/B, 2205A/B and 2250A/B); Mathematics 1600A/B or the former Linear Algebra 1600A/B or Applied Mathematics 1411A/B, or permission of the department.

3 lecture hours, 0.5 course.

Computer Science 4411A/B: Databases II

~~A selection from the following topics: dependency theory; object-oriented databases; distributed databases and related algorithms; database hardware; information retrieval.~~

Advanced database topics such as: query optimization and execution; advanced concurrency control and recovery concepts; distributed databases; XML databases; database security and privacy; databases in the cloud; information retrieval.

Prerequisite(s): Computer Science 3307A/B/Y, Computer Science 3319A/B.

3 lecture hours, 0.5 course.

Computer Science 4475A/B – Open Source Software Project

Course description: No change.

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

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

3 lecture hours, 0.5 course.

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Computer Science 4481A/B: Image Compression

Dealing with digital pictures (images) requires far more computer memory and transmission time than is needed for plain text. This course provides students with a solid understanding of the fundamentals and the principles of various digital still-image compression schemes.

Prerequisite(s): 0.5 course from: Computer Science 3305A/B, 3307A/B/Y, or 3342A/B, or permission of the Department.

3 lecture hours, 0.5 course.

FACULTY OF SOCIAL SCIENCE

GEOGRAPHY

Effective **September 1, 2015**, the following modules be revised.

HONORS SPECIALIZATION IN GEOGRAPHY AND COMMERCIAL AVIATION MANAGEMENT - BA

Enrolment in the Honors Specialization in Geography and Commercial Aviation Management module is limited. Meeting of minimal requirements does not guarantee admission.

Admission Requirements

The Honors Specialization in Geography and Commercial Aviation Management module allows students to select a Flight Training option which provides them the opportunity to obtain a Commercial Pilot's License. Students interested in pursuing the Flight Option must obtain a valid Transport Canada Category 1 Medical Certificate. ~~In addition, they must have completed Grade 12U Physics (or equivalent), or 1.0 first-year university level physics course.~~

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Year 1

5.0 courses:

1.0 course* from: Geography 1100, 1300A/B, 1400F/G, 1500F/G, the former 020E

0.5 course from: Computer Science 1025A/B, 1026A/B, 1032A/B

0.5 course from: Category B or C

3.0 courses numbered 1000-1999**

Completion of first-year requirements with no failures. Students must have an average of at least 73% in 3.0 principal courses, including 1.0 course from Geography 1100, 1300A/B, 1400F/G, 1500F/G, 2131A/B, 2153A/B (taken after September 2012), the former 020E, 0.5 course from Computer Science 1025A/B, 1026A/B, 1032A/B, plus 1.5 additional courses, with no mark less than 60% in these principal courses.

Notes:

* Senior students may substitute Geography 2131A/B and 2153A/B as entry requirements, if these were taken after September 2012 and completed with at least 60%. If Geography 2131A/B or 2153A/B is used as the basis of admission, these courses cannot be used as part of the module.

~~**Students completing the Flight Training option must have completed Grade 12U Physics or 1.0 course from: Physics 1021, or Physics 1301A/B and 1302A/B, or Physics 1501A/B and 1502A/B, prior to their second year of study.~~

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SPECIALIZATION IN GEOGRAPHY AND COMMERCIAL AVIATION MANAGEMENT – BA

Admission Requirements

The Specialization in Geography and Commercial Aviation Management module allows students to select a Flight Training option which provides them the opportunity to obtain a Commercial Pilot's License. Students interested in pursuing the Flight Option must obtain a valid Transport Canada Category 1 Medical Certificate. ~~In addition, they must have completed Grade 12U Physics, or equivalent, or 1.0 first-year university level physics course.~~

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Year 1

5.0 courses:

1.0 course* from: Geography 1100, 1300A/B, 1400F/G, 1500F/G, the former 020E

0.5 course from: Computer Science 1025A/B, 1026A/B, 1032A/B

0.5 course from: Category B or C

3.0 courses numbered 1000-1999*

Notes:

*Senior students may substitute Geography 2131A/B and 2153A/B as entry requirements, if these were taken after September 2012 and completed with at least 60%. If Geography 2131A/B or 2153A/B is used as the basis of admission, these courses cannot be used as part of the module.

~~**Students completing the Flight Training option must have completed Grade 12U Physics or 1.0 course from: Physics 1021, or 1301A/B and 1302A/B, or Physics 1501A/B and 1502A/B prior to their second year of study.~~

BRESCIA UNIVERSITY COLLEGE

INTERDISCIPLINARY STUDIES

Effective **September 1, 2014**, the following course be introduced.

Interdisciplinary Studies 2115F/G – Interdisciplinary Perspectives II

An interdisciplinary seminar focusing on a specialized topic selected by the instructor. The topic will be considered from multiple disciplinary perspectives and will provide the theme to be explored while core academic skills are developed.

Antirequisite(s): Interdisciplinary Studies 1015F/G

3 lecture/seminar hours, 0.5 course

(Brescia)

Effective **September 1, 2014**, the following course be revised.

Interdisciplinary Studies 1015F/G – Interdisciplinary Perspectives

Course description: No change.

Antirequisite(s): **Interdisciplinary Studies 2115F/G**

3 lecture/seminar hours, 0.5 course

(Brescia)

KING'S UNIVERSITY COLLEGE

PHILOSOPHY

Effective **September 1, 2015**, the following course be introduced.

Philosophy 2130A/B – Introduction to Existentialism

An introduction to 19th and 20th century existentialism through a reading of philosophy and literature, with an emphasis on the concrete existence of the individual searching for a meaning to his or her life.

3 hours; 0.5 course

(King's)

POLITICAL SCIENCE

Effective **September 1, 2014**, the following course be introduced.

Political Science 3399F/G – Independent Study

Reading and discussion of selected topics in Political Science

Prerequisite(s): Third or fourth year standing in an Honors Specialization or Honors Double Major in Political Science, or permission of the instructor.

0.5 course.

(King's)

Effective **September 1, 2015**, *Political Science 3350E - Canada and the United States: Politics and the Mass Media* will be withdrawn.

Effective **September 1, 2015**, the following course be introduced.

Political Science 3360F/G: 21st Century Media and Politics

This course looks critically at the role of media as a contributor to and conduit of the political process. It examines the impact of media type and journalistic practices on the distribution of information and political behaviour. Both traditional and new media will be examined in depth.

Antirequisite: The former Political Science 3350E.

Prerequisite: Political Science 1020E and 3rd or 4th year standing in any module/program.

2 hours, 0.5 course.

(King's)

SOCIOLOGY

Effective **September 1, 2015**, the following course be introduced.

Sociology 3319F/G: Sociology of Pilgrimage

An examination of contemporary sacred and secular pilgrimages, such as the Camino de Santiago, from a sociological perspective.

Antirequisite(s): Sociology 3328G if taken in 2013-14.

Prerequisite(s): Sociology 1020 or 1021E.

3 hours, 0.5 course.

(King's)

DAP UPDATE: MINOR CHANGES

FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY

Effective **September 1, 2015**, the following modules be revised to combine requirements into single lines. Outdated options are also removed from Calendar copy.

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (MEDICAL SCIENCE CONCENTRATION)

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Module

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~~1.5 courses: Medical Biophysics 3501F, 3503G, 3970Z, or the former Medical Biophysics 3302E.~~

~~1.0 course: Medical Biophysics 3505F and 3507G, or the former Medical Biophysics 3303E.~~

~~1.0 course: Medical Biophysics 3330F/G and 3645A/B.~~

3.5 courses: Medical Biophysics 3330F/G, 3501F, 3503G, 3505F, 3507G, 3645A/B, 3970Z

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HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (PHYSICAL SCIENCE CONCENTRATION)

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Module

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~~1.0 course: Medical Biophysics 3330F/G, 3645A/B~~

~~1.5 courses: Medical Biophysics 3501F, 3503G, and 3970Z, , or the former Medical Biophysics 3302E*.~~

~~1.0 course: Medical Biophysics 3505F and 3507G, or the former Medical Biophysics 3303E.~~

3.5 courses: Medical Biophysics 3330F/G, 3501F, 3503G, 3505F, 3507G, 3645A/B, 3970Z

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~~*Students having completed the former Medical Biophysics 3302E require only 9.5 courses to complete the module. The former Medical Biophysics 3302E (1.0 course) will be used toward the module as opposed to Medical Biophysics 3501F, 3503G and 3970Z (1.5 courses). These students may take Medical Biophysics 3336F/G in place of Medical Biophysics 3330F/G toward the module.~~