

The following proposals, received on DAP between January 1-15, 2013, 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

PHILOSOPHY

Effective **September 1, 2013**, the following new half-year course will be introduced by the Faculty of Arts and Humanities.

Philosophy 2061F/G - Science vs. Religion: The Epistemological Conflict

This course studies the epistemological clash between religion and science, looking especially at evolutionary theory, cosmology, the physics of time, and miracles. It also studies attempts to reconcile these two systems of knowledge. Finally, it examines the science of religion: anthropological theories of religion and the cognitive science of religion.

3 hours, 0.5 course.

RICHARD IVEY SCHOOL OF BUSINESS

Effective **January 1, 2013** the following courses to be added to the HBA2 Curriculum.

Business 4568A/B - Advanced End User Modelling

Through the use of UDF modeling, two goals will be achieved: first, students will find it easier to understand and use complex mathematical concepts, such as those required in some finance and “big data” applications, and second, they will adopt practical skills for real-world applications.

3.0 hours, 0.5 course

Business 4570A/B - Design Thinking for Sustainable Innovation

This course is intended for business and engineering students who are interested in leading multi-disciplinary teams in a holistic approach to creating sustainable innovations.

3.0 hours, 0.5 course

FACULTY OF ENGINEERING

Effective **September 1, 2013**, the following changes will be made to the Engineering and Medicine Options.

E. Biochemical Engineering and Medicine Option

Admission

Before entering the concurrent BESC/MD degree program, students must have completed the first three years of the Chemical Engineering program at Western, Option E: Biochemical Engineering and Medicine. In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must also make a separate application for admission into the MD program. In addition, the applicant must satisfy all current admissions requirements for the MD program **at The Schulich School of Medicine and Dentistry**. As a part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESC/MD program.

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering with a minimum year weighted average (YWA) of 80%, and the second and third year program of Option E (Biochemical Engineering and Medicine) in the Department of Chemical and Biochemical Engineering with a minimum year weighted average (YWA) of 80% in each year. In

addition, the applicant must **satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** ~~meet the minimum performance standards in the MCAT and GPA, determined by the Schulich School of Medicine & Dentistry, and must be invited and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English and Basic Life Support Training is also required.~~

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures

A student interested in the concurrent BSc/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Chemical Engineering program, Option E (Biochemical Engineering and Medicine). The student must write the MCAT ~~in April or August~~ before the third year of the Biochemical Engineering and Medicine program, for the following year's admission into the MD program. Students must apply to the MD program **in accordance with** ~~by the deadline established (usually October)~~ by the Ontario Medical School Application Service (OMSAS) during the third year of the Biochemical Engineering and Medicine program.

Admission to the BSc program does not guarantee admission to the MD program.

Note: This program is only open to Canadian citizens or permanent residents.

Progression Requirements

A student enrolled in the concurrent BSc/MD degree program must satisfy the following progression requirements:

Year 2: a minimum YWA of 80% in courses taken as a part of Option E (Biochemical Engineering and Medicine).

Year 3: a minimum YWA of 80% in courses taken as a part of Option E (Biochemical Engineering and Medicine).

Year 4: progression requirements of the MD program and successful completion of Engineering courses.

Year 5: progression requirements of the MD program.

Year 6: progression requirements of the MD program.

Year 7: progression requirements of the MD program ~~and successful completion of Engineering courses.~~

If the student fails to satisfy the above conditions, he or she will be required to withdraw from the concurrent program and will be required to transfer out of Option E into ~~one of Options A or B~~ in the Chemical Engineering program.

Concurrent Degree Program

First Year Program

Common first year of Engineering.

Second Year Program

Applied Mathematics 2411, Chemistry 2213A/B and 2223B or CBE 2206A/B and 2207A/B, CBE 2214A/B, CBE 2220A/B, CBE 2221A/B, CBE 2224A/B, CBE 2290A/B, CBE 2291A/B, ES 2211F/G, Statistical Sciences 2143A/B, Business Administration 2299E.

Third Year Program

CBE 3301A/B, CBE 3310A/B, CBE 3315A/B, CBE 3317Y, CBE 3320A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3325A/B, ECE 2208A/B, ES 4498F/G.

Fourth Year Program

Regular Year 1 of the MD program, **CBE 4499**.

Fifth Year Program

Regular Year 2 of the MD program.

Sixth Year Program

Regular Year 3 of the MD program.

Seventh Year Program

Regular Year 4 of the MD program ~~less the Advanced Communication Skills course.~~

~~CBE 4499, Chemical Engineering Design for Medical Students, (will count as an "elective" credit in the fourth year of the MD Program).~~

E. Civil Engineering and Medicine Option

Admission

Before entering the concurrent BSc/MD degree program, students must have completed the first three years of

the Civil Engineering program at Western, Option E; (Civil Engineering and Medicine). In addition to applying for the concurrent degree program through the Office of the Associate Dean – Academic, of the Faculty of Engineering, students must also make a separate application for admission into the MD program. **In addition, the applicant must satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** As a part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESC/MD program.

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering with a minimum year weighted average (YWA) of 80%, and the second and third year programs of Option E (Civil Engineering and Medicine) in the Department of Civil and Environmental Engineering with a minimum year weighted average (YWA) of 80% in each year. In addition, the applicant must **satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** meet the minimum performance standards in the MCAT and GPA, determined by the Schulich School of Medicine & Dentistry, and must be invited and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English, and Basic Life Support Training are required.

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures

A student interested in the concurrent BESC/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Civil Engineering program, Option E (Civil Engineering and Medicine). The student must write the MCAT before the third year of the Civil Engineering and Medicine program, for the following year's admission into the MD program. Students must apply to the MD program **in accordance with** by the deadline established (usually October) by the Ontario Medical School Application Service (OMSAS) during the third year of the Civil Engineering and Medicine program.

Admission to the BESC portion of the program does not guarantee admission to the MD program.

Note: This program is only open to Canadian citizens or permanent residents.

Progression Requirements

A student enrolled in the concurrent BESC/MD degree program must satisfy the following progression requirements:

Year 2: a minimum YWA of 80% in courses taken as a part of Option E (Civil Engineering and Medicine).

Year 3: a minimum YWA of 80% in courses taken as a part of Option E (Civil Engineering and Medicine).

Year 4: progression requirements of the MD program **and successful completion of Engineering courses.**

Year 5: progression requirements of the MD program.

Year 6: progression requirements of the MD program.

Year 7: progression requirements of the MD program ~~and successful completion of Engineering courses.~~

If the student fails to satisfy the conditions above, he or she will be required to withdraw from the concurrent program and will be required to transfer out of Option E into one of Options A, B or F in the Civil Engineering program.

Concurrent Degree Program

First Year

Common first year of Engineering.

Second Year Program

Applied Mathematics 2411, Business Administration 2299E, CEE 2202A/B, CEE 2217A/B, CEE 2219A/B, CEE 2220A/B, CEE 2221A/B, CEE 2224, Earth Sciences 2281A/B, ES 2211F/G, Statistical Sciences 2141A/B.

Note: CEE 3324A/B (Surveying). This course is available each summer (15 days) and must be completed before a student may graduate from the Civil Engineering program.

Third Year Program

Regular Year 3 of Option A, B or F in the Civil Engineering program, ES 4498F/G.

Fourth Year Program

Regular Year 1 of the MD program, **CEE 4441.**

Fifth Year Program

Regular Year 2 of the MD program.

Sixth Year Program

Regular Year 3 of the MD program.

Seventh Year Program

Regular Year 4 of the MD program ~~less the Advanced Communication Skills course. CEE 4441 (will count as an elective credit in the fourth year of the MD program).~~

F. Electrical Engineering and Medicine

Admission

Before entering the concurrent BESC/MD degree program, students must have completed the first three years of the Electrical Engineering program at Western, Option F; ~~{Electrical Engineering and Medicine}~~. In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must also make a separate application for admission into the MD program. **In addition, the applicant must satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** ~~As a part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESC/MD program.~~

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the requirements of the first-year curriculum in the Faculty of Engineering with a minimum year weighted average (YWA) of 80%, and the second and third year program of Option F (Electrical Engineering and Medicine) in the Department of Electrical and Computer Engineering with a minimum year weighted average (YWA) of 80% in each year. In addition, the applicant must **satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** ~~meet the minimum performance standards in the MCAT and GPA, determined by the Schulich School of Medicine & Dentistry, and must be invited and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English, and Basic Life Support Training are required.~~

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures

A student interested in the concurrent BESC/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Electrical Engineering program, Option F (Electrical Engineering and Medicine). The student must write the MCAT ~~in April or August~~ before the third year of the Electrical Engineering and Medicine program, for the following year's admission into the MD program. Students must apply to the MD program **in accordance with** ~~by the deadline established (usually October)~~ by the Ontario Medical School Application Service (OMSAS) during the third year of the Electrical Engineering and Medicine program.

Admission to the BESC portion of the program does not guarantee admission to the MD program.

Note: This program is only open to Canadian citizens or permanent residents.

Progression Requirements

A student enrolled in the concurrent BESC/MD degree program must satisfy the following progression requirements:

Year 2: a minimum YWA of 80% in courses taken as a part of Option F (Electrical Engineering and Medicine).

Year 3: a minimum YWA of 80% in courses taken as a part of Option F (Electrical Engineering and Medicine).

Year 4: progression requirements of the MD program and successful completion of Engineering courses.

Year 5: progression requirements of the MD program.

Year 6: progression requirements of the MD program.

Year 7: progression requirements of the MD program ~~and successful completion of Engineering courses.~~

If the student fails to satisfy the conditions above, he or she will be required to withdraw from the concurrent program and will be required to transfer out of Option F into one of Options A, B, ~~or C,~~ **or E** in the Electrical Engineering program.

Concurrent Degree Program

First Year Program

Common first year of Engineering.

Second Year Program

Applied Mathematics 2415; Business Administration 2299E; Computer Science 1037A/B; ECE 2205A/B, ECE 2277A/B, ECE 2231A/B, ECE 2233A/B, ECE 2236A/B, ECE 2240A/B, ECE 2241A/B; MME 2234A/B.

Third Year Program

Applied Mathematics 3415A/B; ECE 3330A/B, ECE 3331A/B, ECE 3332A/B, ECE 3333A/B, ECE 3336A/B, ECE 3337A/B, ECE 3370A/B, ECE 3375A/B; ES 2211F/G, ES 4498F/G; Statistical Sciences 2141A/B.

Fourth Year Program

Regular Year 1 of the MD program.

ECE 4416, ECE 4437A/B, 0.5 Electrical Engineering technical elective.

Fifth Year Program

Regular Year 2 of the MD program.

Sixth Year Program

Regular Year 3 of the MD program.

Seventh Year Program

Regular Year 4 of the MD program ~~less the Advanced Communication Skills course.~~

ECE 4416.

F. Software Engineering and Medicine Option

Admission

Before entering the concurrent BESC/MD degree program, students must have completed the first three years of the Software Engineering program at Western, Option F: Software Engineering and Medicine. In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must also make a separate application for admission into the MD program. **In addition, the applicant must satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** ~~As a part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESC/MD program.~~

...

Progression Requirements

A student enrolled in the concurrent BESC/MD degree program must satisfy the following progression requirements:

Year 2: a minimum YWA of 80% in courses taken as a part of Option F (Software Engineering and Medicine).

Year 3: a minimum YWA of 80% in courses taken as a part of Option F (Software Engineering and Medicine).

~~Admission to the MD program at The Schulich School of Medicine and Dentistry.~~

Year 4: progression requirements of the MD program and successful completion of Engineering courses.

Year 5: progression requirements of the MD program.

Year 6: progression requirements of the MD program.

Year 7: progression requirements of the MD program.

If the student fails to satisfy the above conditions, he or she will be required to withdraw from the concurrent program and will be required to transfer out of Option F into one of Options A or D in the Software Engineering program.

...

C. Mechanical Engineering and Medicine Option

Admission

Before entering the concurrent BESC/MD degree program, students must have completed the first three years of the Mechanical Engineering program at Western, Option C: ~~(Mechanical Engineering and Medicine)~~. In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must also make a separate application for admission into the MD program. **In addition, the applicant must satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** ~~As a part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESC/MD program.~~

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the requirements of the first

year curriculum in the Faculty of Engineering with a minimum year weighted average (YWA) of 80%, and the second and third year program of Option C (Mechanical Engineering and Medicine) in the Department of Mechanical and Materials Engineering with a minimum year weighted average (YWA) of 80% in each year. In addition, the applicant must **satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** meet the minimum performance standards in the MCAT and GPA, determined by the Schulich School of Medicine & Dentistry, and must be invited and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English, and Basic Life Support Training are required.

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures

A student interested in the concurrent BESC/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Mechanical Engineering program, Option C (Mechanical Engineering and Medicine). The student must write the MCAT before the third year of the Mechanical Engineering and Medicine program, for the following year's admission into the MD program. Students must apply to the MD program **in accordance with** by the deadline established (usually October) by the Ontario Medical School Application Service (OMSAS) during the third year of the Mechanical Engineering and Medicine program.

Admission to the BESC program does not guarantee admission to the MD program.

Note: This program is only open to Canadian citizens or permanent residents.

Progression Requirements

A student enrolled in the concurrent BESC/MD degree program must satisfy the following progression requirements:

Year 2: a minimum YWA of 80% in courses taken as a part of Option C (Mechanical Engineering and Medicine)

Year 3: a minimum YWA of 80% in courses taken as a part of Option C (Mechanical Engineering and Medicine)

Year 4: progression requirements of the MD program and successful completion of Engineering courses.

Year 5: progression requirements of the MD program.

Year 6: progression requirements of the MD program.

Year 7: progression requirements of the MD program and successful completion of Engineering courses.

If the student fails to satisfy the conditions above, he or she will be required to withdraw from the concurrent program and will be required to transfer out of Option C into Option A of the Mechanical Engineering program.

...

C. Integrated Engineering and Medicine Option

Admission

Before entering the concurrent BESC/MD degree program, students must have completed the first three years of the Integrated Engineering program at Western, Option C: {Integrated Engineering and Medicine}. In addition to applying for the concurrent degree program through the Office of the Associate Dean – Academic, of the Faculty of Engineering, students must **also** make a separate application for admission into the MD program. **In addition, the applicant must satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** As a part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESC/MD program.

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering with a minimum year weighted average (YWA) of 80%, and the second and third year programs of Option C (Integrated Engineering and Medicine) in the Integrated Engineering program with a minimum year weighted average (YWA) of 80% in each year. In addition, the applicant must **satisfy all current admissions requirements for the MD program at The Schulich School of Medicine and Dentistry** meet the minimum performance standards in the MCAT and GPA, determined by the Schulich School of Medicine & Dentistry, and must be invited and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English, and Basic Life Support Training are required.

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures

A student interested in the concurrent BESC/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Integrated Engineering program, Option C (Integrated Engineering and Medicine). The student must write the MCAT before the third year of the Integrated Engineering and Medicine program, for the following year's admission into the MD program. Students must apply to the MD program **in accordance with** ~~by the deadline established (usually October)~~ by the Ontario Medical School Application Service (OMSAS) during the third year of the Integrated Engineering and Medicine program.

Admission to the BESC program does not guarantee admission to the MD program.

Note: This program is only open to Canadian citizens or permanent residents.

Progression Requirements

A student enrolled in the concurrent BESC/MD degree program must satisfy the following progression requirements:

Year 2: a minimum YWA of 80% in courses taken as a part of Option C (Integrated Engineering and Medicine)

Year 3: a minimum YWA of 80% in courses taken as a part of Option C (Integrated Engineering and Medicine)

Year 4: progression requirements of the MD program **and successful completion of Engineering courses.**

Year 5: progression requirements of the MD program.

Year 6: progression requirements of the MD program.

Year 7: progression requirements of the MD program ~~and successful completion of Engineering courses.~~

If the student fails to satisfy the conditions above, he or she will be required to withdraw from the concurrent program and will be required to transfer out of Option C into Option A of the Integrated Engineering program.

Concurrent Degree Program

First Year Program

Common first year of Engineering.

Second Year Program

Business Administration 2299E, Applied Mathematics 2415, CBE 2221A/B, CBE 2291A/B, CEE 2202A/B, ECE 2238A/B, ECE 2277A/B, MME 2204A/B, MME 2259A/B, ES 2211F/G, ES 2299A/B.

Third Year Program

ES 3399, CBE 2220A/B, CBE 3322A/B, CEE 2217A/B, CEE 2220A/B, ECE 3374A/B, MME 2213A/B, MME 2285A/B, MME 3379A/B, Statistical Sciences 2143A/B, ES 4498F/G.

Fourth Year Program

Regular Year 1 of the MD program, **ES 4499**

Fifth Year Program

Regular Year 2 of the MD program.

Sixth Year Program

Regular Year 3 of the MD program.

Seventh Year Program

Regular Year 4 of the MD program ~~less the Advanced Communication Skills course.~~

~~ES 4499 (will count as an elective credit in the fourth year of the MD program).~~

BRESCIA UNIVERSITY COLLEGE

FAMILY STUDIES

Effective **September 1, 2013**, the title of Family Studies 3310A/B be changed and the catalogue description be updated to more accurately reflect the course content.

Family Studies 3310A/B ~~Women, Education and Life Choices~~ **Work/Life Balance: Choices and Challenges**

This course examines the social forces that shape life choices for women ~~in Canada~~. Particular attention is given to the ~~influence of the~~ increased opportunity for formal education and ~~the emerging choices each~~ generation of North American women encounter with regard to career, marriage, motherhood, and family life **paid employment that Canadian women now have and how that impacts their lives. How women balance work, family, and other life domains is considered.**

Prerequisite(s): ~~1.0 Family Studies course (or equivalent) at the 2000-level~~ **1.0 units of 2000-level Family Studies courses** or permission of the instructor.
3 lecture hours, 0.5 course.
(Brescia)

KING'S UNIVERSITY COLLEGE

PSYCHOLOGY

Effective **September 1, 2013**, the following Psychology course antirequisites will be revised at Brescia University College, Huron University College, and King's University College to add Neuroscience 2000.

Psychology 2221A/B - Introduction to Biological Basis of Behavior

An introduction to the principles of evolutionary biology, genetics, and physiology in relation to behavior. This course is intended as an introduction to the biological basis of behavior for students who do not have a background in biology.

Antirequisite(s): **Neuroscience 2000**, Psychology 2220A/B.

Prerequisite(s): At least 60% in a 1000-level Psychology course.

3 lecture hours, 0.5 course.

Note: Effective 1991, Psychology 2221A/B at Brescia or Main Campus no longer serves as a prerequisite for Psychology 3285F/G on Main Campus. Students wishing to take Psychology 3285F/G are advised to take Psychology 2220A/B on Main Campus.

(Brescia, Huron, King's)

DAP UPDATE: MINOR CHANGES

SCHOOL OF NURSING

Effective **March 1, 2013**, the contact hours be changed for the following courses.

Nursing 2204A/B – Professional Nursing Issues I

Course description, pre-/anti-requisite(s): No change.

~~6 lecture hours/seminar per week for 6 weeks~~ **3 lecture hours**, 0.5 course

Nursing 2231A/B – Professional Practice: Supporting Health

Course description, pre-/anti-requisite(s): No change.

An average of 8 hours/week simulated professional practice, 0.5 course

Nursing 2205Y – Introduction to Adult Health Professional Nursing Practice

Course description, pre-/anti-requisite(s): No change.

~~4 8~~ weeks seminar/laboratory – ~~6 4~~ hrs/week, 0.5 course

Nursing 3324A/B – Community Health Promotion

Course description, pre-/anti-requisite(s): No change.

~~4 3~~ theory hours ~~per week for 6 weeks~~, 1.0 course

Nursing 3325W/X – Professional Practice III: Community Health

Course description, pre-/anti-requisite(s): No change.

~~16 clinical hours per week for 6 weeks~~, 1.0 course

Effective **September 1, 2014**, the titles be changed for the following courses.

Nursing 3310A/B – ~~Global Health~~ Health in Global Context

No further changes.

Nursing 3311A/B – ~~Global Health Practicum~~ Professional Practice in Global Context

No further changes.

Nursing 3380F/G – ~~Rural Health Nursing~~ Health Promotion and Caring in Rural Contexts

No further changes.

*Effective **September 1, 2013**, the antirequisite be corrected for Sociology 2180A/B.*

Sociology 2180A/B – Development and Health Inequalities

Course description: No change.

Antirequisite(s): The former SOC ~~2280~~2279A/B