REPORT OF THE SENATE COMMITTEE ON ACADEMIC POLICY AND AWARDS

(SCAPA)

Schulich School of Medicine & Dentistry: Introduction of an Honors Specialization in Neuroscience

Schulich School of Medicine & Dentistry: Revisions to the Progression Requirements of the MD Program and Introduction of Professional Portfolio Course

Faculty of Science: Revisions to Admission Requirements for Chemistry Modules

Faculty of Science: Revisions to Admission Requirements for Earth Sciences Modules

Schulich School of Medicine & Dentistry and Faculty of Science: Revisions to Admission Requirements for the Biological and Medical Sciences First-Entry Program and the First-Year Science Program

School of Graduate and Postdoctoral Studies: Modifications to the MSc in Management - International Business

School of Graduate and Postdoctoral Studies: Introduction of a Master of Clinical Science, Pathology Assistant (MClSc) Course-Based Masters Option in the Pathology Graduate Program

School of Graduate and Postdoctoral Studies: Revisions to Undergraduate Course Policy for Graduate Students

School of Graduate and Postdoctoral Studies: Dual-Doctoral Degree Program in Mathematics between the University of Milano – Bicocca, Milano, Italy and The University of Western Ontario

King's University College: Revision to Records Check and Vulnerable Sector Screening Policy for the Social Work Practicum

Undergraduate Sessional Dates

New Scholarships and Awards

SUPR-G Reports on Reviews of Graduate Programs

School of Graduate and Postdoctoral Studies: Revision to Regulation 8.5 – Master's Candidate – Completion of the Thesis Degree Requirements: Introduction of an Electronic Thesis Depository (ETD) System for Master's Candidates

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FOR APPROVAL

1. **Schulich School of Medicine & Dentistry: Introduction of an Honors Specialization in Neuroscience; Revisions to the Progression Requirements of the MD Program and Introduction of Professional Portfolio Course**

1a Introduction of an Honors Specialization in Neuroscience

Recommended: That an Honors Specialization in Neuroscience leading to an Honors Bachelor of Science degree be introduced in the Schulich School of Medicine & Dentistry, effective September 1, 2012.

NEW CALENDAR COPY

HONORS SPECIALIZATION IN NEUROSCIENCE
This module is intended for students who wish to pursue postgraduate training in Neuroscience or related disciplines and want to include research-intensive preparation in their undergraduate program. Enrolment in this module is limited. Meeting the minimum requirements does not guarantee that students wishing to enter-in this module will be offered enrolment.

Admission Requirements
Completion of first-year requirements with no failures. Students must have a minimum average of 75% in the following 4.0 principal courses, with no mark below 60% in any of these (full or half) courses:

1.0 course from: Biology 1001A or 1201A and Biology 1002B or 1202B
1.0 course: Psychology 1000
1.0 course: Chemistry 1100A/B and 1200B
1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B, 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, Applied Mathematics 1413

1.0 course in physics must be completed prior to Year 3. Whether taken in first or second year, a minimum mark of 60% must be achieved in each of two courses in physics, as follows:
0.5 course from: Physics 1028A/B, 1301A/B or 1501A/B
0.5 course from: Physics 1029A/B, 1302A/B or 1502A/B

Progression Requirements
Students who are enrolled in the Honors Specialization in Neuroscience must complete a minimum of 3.5 modular courses in each of Years 2 and 3, maintain a minimum cumulative modular average of 75%, achieve a mark of at least 75% in both Neuroscience 2000 and 3000F/G, and achieve a mark of at least 60% in all other modular courses.

Module
11.0 courses:
6.0 courses: Biochemistry 2280A, Biology 2382B, Neuroscience 2000, 3000F/G, Pharmacology 3620 (or the former Pharmacology 3550A/B and 3560A/B), Physiology 3140A, Psychology 2220A/B, 2800E, 3224A/B
1.0 course from: Psychology 2810 or the combination of Biology or Statistical Sciences 2244A/B and Computer Science 2120A/B
0.5 course from: Psychology 3209F/G, 3221F/G, 3225A/B, 3226A/B, 3229A/B, 3285F/G
0.5 course from: Psychology 3440F/G, 3441F/G, 3442F/G, 3443F/G, 3485F/G
0.5 course from: Anatomy and Cell Biology 4451A, Pharmacology 4380A/B
0.5 course from: Physiology 4680A/B, 4630A/B, 4710A/B
0.5 course from: Psychology 4190F/G, 4195F/G, 4222F/G, 4223F/G, 4290F/G, 4295F/G
1.5 courses: Neuroscience 4000E (Research Project = 1.5 courses)

Note: Physiology 3120 is recommended to be taken concurrently with Pharmacology 3620

Background:

The rationale for the module is to provide students with an opportunity to study neuroscience at the undergraduate level. The module draws on expertise from the Schulich School of Medicine & Dentistry and the Faculties of Social Science and Science, to provide students with courses addressing the breadth of contemporary neuroscience from cellular and molecular processes to behaviour and cognition. The projected enrolment in the Honors Specialization in Neuroscience will be 30 students in each of Years 2, 3 and 4.

Students who are admitted to the Honors Specialization in Year 2 will progress to Years 3 and 4, provided they satisfy the minimum Progression Requirements. If not all 30 students in Year 2 of the Honors Specialization progress to Year 3, the remaining spaces in Year 3 may be filled by other students who satisfy the Progression Requirements.

Registration in Year 1 will normally be in the Faculty of Science. Registration in Years 2 – 4 will be in the Schulich School of Medicine & Dentistry. The Academic Counselling Office that will be responsible for the students registered in the Honors Specialization in Neuroscience will be the Dean's Office, Faculty of Science.

1b Revisions to the Progression Requirements of the MD Program and Introduction of Professional Portfolio Course

Recommended: That effective September 1, 2012, a new course "Medicine 5140 - Professional Portfolio" be introduced in the MD program and that the Progression Requirements in the MD program be revised as highlighted below.

New Course Proposal:

To be inserted at: http://www.schulich.uwo.ca/medicine/undergraduate/curriculumoverview#Course_Descriptions

Medicine 5140 - Professional Portfolio: An introduction to the concept of a professional portfolio. Through practical application of curriculum competencies students will develop the skills required to assemble and utilize a professional portfolio. The portfolio will be further developed during years three and four. This course spans years one and two of the medical curriculum.
Course weight 1.0

REVISED CALENDAR COPY
2011-12 Academic Calendar p.155
http://www.westerncalendar.uwo.ca/2011/pg542.html

PROGRESSION REQUIREMENTS AND ELIGIBILITY FOR FURTHER REGISTRATION

Assessment
Unchanged

During Years 1 and 2
Unchanged

During Years 3 and 4
During Clerkship and Clinical Science Electives, assessment for feedback and progression occurs daily as the clerk interacts with house staff and clinical faculty. Frequent observation during patient care activities forms the basis for such feedback. A variety of evaluation tools are used for progression during each rotation which include but are not limited to written, oral and clinical examinations. ***Students will also continue to develop their professional portfolio.***

Assessment of Integration, Consolidation & Enrichment is based on student participation, assignments, ***professional portfolio***, and written evaluations. Successful performance on the ***Observed Structured Clinical Exam*** (OSCE) is required to fulfill the requirements of Year 4.

The comprehensive examination (OSCE) will test students' mastery of the overall objectives of the clerkship. This evaluation will assess students' knowledge, clinical skills, professional conduct and clinical reasoning using simulated clinical settings.

Satisfactory Progression

To satisfactorily complete each year, and to progress to the next year or to graduation, a student must meet the following requirements:

- For Year 1, students must pass all course work, assignments, examinations of each course in the year, as defined by the Course Chairs.
- For Year 2, students must pass all course work, assignments, examinations of each course in the year, as defined by the Course Chairs.
- For Year 3 (Integrated Clinical Clerkship), students must pass all Clinical Rotations ***in addition to the requirements of Year 3 of the professional portfolio.***
- For Year 4, students must pass the Observed Structured Clinical Exam (OSCE), all Clinical Science Electives and must meet the requirements of the Integration, Consolidation & Enrichment (final 12 weeks of the program) to pass Year 4.

Course Weights
Unchanged

Course Length
Unchanged

Conditional Progression
A student who has failed may be eligible to be considered for a period of remediation (either a study period or specific remedial program) followed by supplemental examination (reassessment which may be written, oral, and/or clinical in nature). Such supplemental privilege is in no way the right of the student, but rather is a permission granted by decision of the Undergraduate Medical Education Progression & Awards Committee. The period and scheduling of remediation is a decision of the Undergraduate Medical Education Progression & Awards Committee. The supplemental examination(s) will immediately follow the remediation. In years 1 & 2 the supplemental examination(s) must be passed on the first attempt and prior to the start of the next academic year in order for the student to remain in the program.

A student who has failed a single six-week clinical rotation in Year 3 and who has been granted permission to remediate, will be permitted to remediate during the scheduled time for Clinical Science Electives in Year 4.

A student who fails the Observed Structured Clinical Exam and has been granted permission to remediate will be permitted to remediate at the conclusion of the Integration, Consolidation & Enrichment.

Permission for remediation and supplemental examination will be considered only when the following conditions both exist:

1. The total of all failures (FAI) during the Doctor of Medicine program, including failures for which supplemental examination was previously granted, does not exceed three course weights.
2. One of (a)-(d) is true regarding performance in the current Year:
   a. at the end of the first semester in Year 1 and/or the end of Year 1, the student has received grades of PAS in all but one or two course weights;
   b. at the end of the first semester in Year 2 and/or the end of Year 2, the student has received grades of PAS in all but one or two course weights;
   c. at the end of Year 3 (Integrated Clinical Clerkship), the student has received grades of PAS in all but one Clinical Rotation; and,
   d. during Year 4 Clinical Science Electives and Year 4 Integration, Consolidation & Enrichment, the student has met all course requirements and has received a grade of PAS in the Observed Structured Clinical Exam.

The maximum period of remediation will be:

- Years 1, 2: Supplemental examination(s) (when granted) must be completed successfully by the student within six weeks of the end of the academic year.
- Year 3: Integrated Clinical Clerkship: Supplemental examination(s) (when granted) must be completed successfully within eight weeks of the commencement of Clinical Science Electives. ***Remedial work granted for the Professional Portfolio must also be completed in this time frame.***
- Year 4 Clinical Science Electives: Supplemental examination(s) (when granted) must be successfully completed by the student within four weeks, to be completed after the end of Year 4.
- Year 4 Integration, Consolidation & Enrichment: Supplemental examination(s) (when granted) must be successfully completed by the student within two weeks, to be completed after the end of Year 4
- Year 4 OSCE: Supplemental examinations(s) when granted must be successfully completed by the student within four weeks, to be completed after the end of Year 4.
- Students who are required to do remedial work at the end of Year 4 may be required to graduate in October.

Achievement of pass in a supplemental examination does not delete the original grade of FAIL from the student record. A grade of SRP (Supplemental Examination/Remedial Work passed) will be separately recorded on the student record.

The remainder of the policy is unchanged.

Background:

A professional portfolio which spans all four years of the MD program will be introduced effective September 2012.

The portfolio is designed to enhance the synthesis of theoretical and clinical work. The portfolio will develop reflective learning skills, as well as the expectations of presenting oneself as a professional to colleagues. The portfolio targets educational milestones in the student's learning - the end of Years 1 and 2, the end of clerkship, and the end of the program.

- The two-year Professional Portfolio course will be introduced in September 2012 as Medicine 5140. Only Year 1 students will be enrolled in September 2012.
- At the end of Year 1 students will be given a grade of IPR with a final grade given at the end of Year 2.
- Satisfactory progression will be defined in the Medicine 5140 Professional Portfolio course syllabus.
- Should a student fail Medicine 5140 Professional Portfolio it will contribute to the number of course weights allowable for remedial work, similar to other courses.

2. **Faculty of Science: Revisions to Admission Requirements for Chemistry and Earth Sciences Modules**

2a Revisions to the Admission Requirements of Chemistry Modules

Recommended: That effective September 1, 2012 the admission requirements for the following modules in the Faculty of Science be revised as highlighted below to simplify the mathematics requirements and include Calculus 1500A/B:

- Honors Specialization in Chemistry
- Honors Specialization in Biochemistry and Chemistry
- Specialization in Chemistry
- Major in Chemistry
- Minor in Chemistry

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2011/pg642.html

HONORS SPECIALIZATION IN CHEMISTRY

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:

1.0 course ***from***: Chemistry 1100A/B and 1200B with an average of at least 60%; or the former Chemistry 1050, 1020 ***or 020*** with a minimum mark of 60%; or the former Chemistry 023 with a minimum mark of 70%.

1.0 course ***from***: Physics (1028A/B or 1301A/B or 1501A/B) and (1029A/B or 1302A/B or 1502A/B) with an average of at least 60%; or the former Physics 1020 ***or*** 1024 with a minimum mark of 60%.

1.0 course from: Calculus 1000A/B, 1100A/B ***or 1500A/B; and one of*** Applied Mathematics 1201A/B or the former Calculus 1201A/B, ***Applied Mathematics 1413,*** Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, ***Mathematics 1225A/B or 1229A/B or the former 030. (An average in the two courses of at least 60% is required.)***

HONORS SPECIALIZATION IN BIOCHEMISTRY AND CHEMISTRY

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:

1.0 course ***from***: Chemistry 1100A/B and 1200B with an average of at least 60%; or the former Chemistry 1050, 1020 ***or 020*** with a minimum mark of 60%; or the former Chemistry 023 with a minimum mark of 70%.

1.0 course ***from***: Biology 1001A and 1002B with an average of at least 60%; or the former Biology 1222 or 1223 with a minimum mark of 60%.

1.0 course from: Calculus 1000A/B or 1100A/B ***or 1500A/B; and one of*** Applied Mathematics 1201A/B or the former Calculus 1201A/B, ***Applied Mathematics 1413,*** Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, ***Mathematics 1225A/B or 1229A/B or the former 030. (An average in the two courses of at least 60% is required.)***

1.0 course ***from***: Physics (1028A/B or 1301A/B or 1501A/B) and Physics (1029A/B or 1302A/B or 1502A/B) with an average of at least 60%; or the former Physics 1020 or 1024 with a minimum mark of 60%. ***(This 1.0 course*** is required but is not considered to be a principal course.)

SPECIALIZATION IN CHEMISTRY

Admission Requirements
Completion of first-year requirements, including the following 3.0 courses:

1.0 course ***from***: Chemistry 1100A/B and 1200B with an average of at least 60%; or the former Chemistry 1050, 1020 ***or 020*** with a minimum mark of 60%; or the former Chemistry 023 with a minimum mark of 70%.

1.0 course ***from***: Physics (1028A/B or 1301A/B or 1501A/B) and (1029A/B or 1302A/B or 1502A/B) with an average of at least 60%; or the former Physics 1020 or 1024 with a minimum mark of 60%.

1.0 course from: Calculus 1000A/B or 1100A/B ***or 1500A/B; and one of*** Applied Mathematics 1201A/B or the former Calculus 1201A/B, ***Applied Mathematics 1413,*** Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, ***Mathematics 1225A/B or 1229A/B, or the former 030. (An average in the two courses of at least 60% is required.)***

MAJOR IN CHEMISTRY

Admission Requirements
Completion of first-year requirements, including the following 3.0 courses:

1.0 course ***from***: Chemistry 1100A/B and 1200B with an average of at least 60%; or the former Chemistry 1050, 1020 ***or 020*** with a minimum mark of 60%, or the former Chemistry 023 with a minimum mark of 70%.

1.0 course ***from***: Physics (1028A/B or 1301A/B or 1501A/B) and (1029A/B or 1302A/B or 1502A/B) with an average of at least 60%; or the former Physics 1020 or 1024 with a minimum mark of 60%.

1.0 course from: Calculus 1000A/B or 1100A/B ***or 1500A/B; and one of*** Applied Mathematics 1201A/B or the former Calculus 1201A/B, ***Applied Mathematics 1413,*** Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, ***Mathematics 1225A/B or 1229A/B or the former 030. (An average in the two courses of at least 60% is required.)***

MINOR IN CHEMISTRY

Admission Requirements
Completion of first-year requirements, including the following 2.0 courses:

1.0 course ***from***: Chemistry 1100A/B and 1200B with an average of at least 60%; or the former Chemistry 1050, 1020 ***or 020*** with a minimum mark of 60%; or the former Chemistry 023 with a minimum mark of 70%.

1.0 course from: Calculus 1000A/B or 1100A/B ***or 1500A/B; and one of*** Applied Mathematics 1201A/B or the former Calculus 1201A/B, ***Applied Mathematics 1413,*** Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, ***Mathematics 1225A/B or 1229A/B or the former 030***.

Background:

The Admission Requirements for all Chemistry modules are being revised to simplify the mathematics requirements and to include the new course, Calculus 1500A/B. No changes are being made to the module requirements.

2b <u>Revisions to the Admission Requirements of Earth Sciences Modules</u>

Recommended: That effective January 1, 2012 the admission requirements for the following modules in the Faculty of Science be revised as highlighted below:

- Specialization in Geology
- Honors Specialization in Geology
- Specialization in Geophysics
- Honors Specialization in Geophysics
- Earth Sciences for Professional registration

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http://www.westerncalendar.uwo.ca/2011/pg666.html

SPECIALIZATION IN GEOLOGY

Admission Requirements
Completion of first-year requirements, ***including the following 3.0 courses:***

0.5 course: Chemistry 1100A/B ***with a minimum mark of 60%.***

1.5 courses from: ***Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G,*** Chemistry 1200B or the former 1020, 1050, Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1501A/B, 1502A/B or the former 1020 or 1024, Biology 1001A, 1002B, 1201A, 1202B or the former 1222, 1223. ***A minimum mark of 60% in each course is required.***

1.0 additional course from: Calculus 1000A/B, 1100A/B, ***1500A/B or Mathematics 1225A/B***; and one of Applied Mathematics 1201A/B or the former Calculus 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics ***1228A/B, 1229A/B,*** 1600A/B or the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B. ***An average in the two courses of at least 60% is required.*** This requirement must be completed by the end of second year.

HONORS SPECIALIZATION IN GEOLOGY

Admission Requirements
Completion of first-year requirements with no failures. Students must have an average of at least 70% in the 3.0 principal courses taken, including:

0.5 course: Chemistry 1100A/B ***with a minimum mark of 60%.***

1.5 courses from: ***Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G,*** Biology 1001A, 1002B, 1201A, 1202B or the former 1222, 1223, Chemistry 1200B or the former 1020, 1050, Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1501A/B, 1502A/B or the former 1020 or 1024. ***A minimum mark of 60% in each course is required.***
1.0 additional course from: Calculus 1000A/B, 1100A/B, ***1500A/B or Mathematics 1225A/B;*** and one of Applied Mathematics 1201A/B or the former Calculus 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics ***1228A/B, 1229A/B***, 1600A/B or the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B. ***An average in the two courses of at least 60% is required.*** This requirement must be completed by the end of second year.

SPECIALIZATION IN GEOPHYSICS

Admission Requirements
Completion of first-year requirements. Students must have a minimum of 60% in each of the 3.0 principal courses taken, including:

1.0 course: Calculus 1000A/B, 1100A/B, or 1500A/B; and one of Calculus 1301A/B, 1501A/B, Applied Mathematics 1413.

1.0 course from: Physics (1301A/B or 1501A/B) and (1302A/B or 1502A/B); or the former Physics 1020, 1024, ***or 1028A/B and 1029A/B with an average of at least 80%.***
1.0 course from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, ***1083F/G,*** Chemistry 1024A/B, 1100A/B, 1200B or the former 1020, 1050, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

Notes: At least 0.5 course in Earth Sciences is recommended in first year. If not taken in first year, Mathematics 1600A/B or the former Linear Algebra 1600A/B must be completed before the beginning of third year.

HONORS SPECIALIZATION IN GEOPHYSICS

Admission Requirements
Completion of first-year requirements with no failures. Students must have an average of at least 70% and no mark less than 60% in the 3.0 principal courses taken, including:

1.0 course: Calculus 1000A/B, 1100A/B, ***or 1500A/B;*** and one of Calculus 1301A/B, 1501A/B, Applied Mathematics 1413.
1.0 course from: Physics (1301A/B or 1501A/B) and (1302A/B or 1502A/B); or the former Physics 1020, 1024, ***or 1028A/B and 1029A/B with an average of at least 80%.***

1.0 course from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G, Chemistry 1024A/B, 1100A/B, 1200B or the former 1020, 1050, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

Note: At least 0.5 course in Earth Sciences is recommended in first year. If not taken in first year, Mathematics 1600A/B or the former Linear Algebra 1600A/B must be completed before the beginning of third year.

HONORS EARTH SCIENCE PROGRAMS for Professional Registration

Admission Requirements

Adherence to these programs will fulfill all ***course*** requirements for professional registration as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG). Programs require 4.5 Foundation Science courses. Students are responsible for ensuring course selections result in: fulfillment of current breadth requirements with at least 1.0 from each of category A and category B; and essay requirements, 2.0 courses, one of which may be the senior Earth Sciences 4490E thesis.

Required Courses 1st Year (common to all programs)

The completion of first-year requirements with ***no failures.***

Students must have an average of at least 70% ***in the following 3.0 courses:***

1.0 course from: Chemistry 1100A/B and 1200A/B ***with an average of at least 60%;*** or the former Chemistry 1020 or 1050 ***with a minimum mark of 60%.***

1.0 course from: Physics (***1028A,*** 1301A/B, 1401A/B or 1501A/B) and (1029B, 1302A/B, 1402A/B or 1502A/B) ***with an average of at least 60%;*** or the former Physics 1020, 1024, 1026 ***with a minimum mark of 60%.***

0.5 course ***from:*** Calculus 1000A/B, 1100A/B **or *1500A/B, Mathematics 1225A/B. (A minimum mark of 60% in the course is required.)***

0.5 course ***from:*** Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G. ***A minimum mark of 60% in the course is required.***

1.0 course from: ***Applied Mathematics 1201A/B or the former Calculus 1201A/B,*** Biology 1001A, 1002B, 1201A, 1202B or the former 1222, 1223, Calculus 1301A/B, 1501A/B, Computer Science 1025A/B, 1026A/B, 1027A/B, Mathematics ***1600A/B or the former Linear Algebra 1600A/B, Mathematics 1228A/B,*** 1229A/B, Statistical Sciences 1023A/B, 1024A/B, ***or*** the former 2122A/B. ***This requirement must be completed by the end of second year.***
1.0 additional course from category A or category B

Note: The Professional Geophysics Program requires Calculus 1000A/B, 1100A/B or 1500A/B and, if taken, a minimum average of 80% in Physics 1028A/B and Physics 1029A/B.

Background:

The main intention of these changes is to allow for an averaging in certain math and chemistry courses on the request of the Science EPC. It will make the 60% requirements clear to students as the current wording requires constant input from the Academic Counsellors.

3. **Schulich School of Medicine & Dentistry and Faculty of Science: Revisions to Admission Requirements for the Biological and Medical Sciences First-Entry Program and the First-Year Science Program**

Recommended: That effective September 1, 2013, Grade 12 U Calculus and Vectors (MCV4U) replace Grade 12 U Advanced Functions (MHF4U) as a prerequisite for admission to the Faculty of Science (including Biological and Medical Sciences), and that Grade 12 U Biology (SBI4U) and Chemistry (SCH4U) be required as prerequisites for admission to the Biological and Medical Sciences first-entry program.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2011/pg48.html

Science
Grade 12 U and M Courses Required

- English ENG4U
- ***Calculus and Vectors MCV4U***
  and two of:
- ***Advanced Functions MHF4U***
- Biology SBI4U
- Chemistry SCH4U
- Computer and Information Science ICS4U
- Earth and Space Science SES4U
- Math of Data Management MDM4U
- Physics SPH4U

Note: First-year ***Biology and*** Chemistry require ***Grade 12U Biology (SBI 4U) and*** Grade 12U Chemistry (SCH4U) ***respectively. First-year Biology and Chemistry courses are required for all modules offered by the Department of Biology and for some modules offered by the Department of Chemistry and other Science departments.***

Biological and Medical Sciences
Grade 12 U and M Courses Required

- ***English ENG4U***
- ***Calculus and Vectors MCV4U***
- ***Biology SBI4U***
- ***Chemistry SCH4U***

Note: Although Western offers first-year physics courses that do not require high-school physics as a prerequisite, it is strongly recommended that students complete Grade 12 U Physics (SPH4U).

Background:

For students who wish to enrol in the Biological and Medical Sciences first-entry program, Grade 12 U Biology and Grade 12 U Chemistry provide essential background for the university-level Biology and Chemistry courses taken in first year. Performance in Chemistry 1050 was evaluated for the 2009/10 class. Students who had not completed Grade 12 U Chemistry performed significantly poorer than those who had completed Grade 12 U Chemistry. Of the students without Grade 12 U Chemistry, even those at the 95th percentile achieved a final mark in Chemistry 1050 below the average of those students who had completed Grade 12 U Chemistry. Students intending to apply for the competitive Bachelor of Medical Sciences (BMSc) program would not have been competitive, even those students in the top 95th percentile of students without Grade 12 U Chemistry. The addition of Grade 12 U Chemistry (and Biology) as an admission requirement for the Biological and Medical Sciences first-entry program has received unanimous approval of the Biological and Medical Educational Policy Committee, as well as the Basic Medical Sciences Undergraduate Education Program Committee.

Grade 12 U Calculus and Vectors (MCV4U) provides a considerably superior and more appropriate background in mathematical training than Advanced Functions (MHF4U) for students pursuing science and the biological/medical sciences. Registration in Calculus and Vectors (MCV4U) requires Advanced Functions (MHF4U) as a co- or pre-requisite. Thus, students will be much better prepared for university-level sciences as they will have completed two grade 12 mathematics courses prior to registration in first year in the Faculty of Science. The replacement of Advanced Functions with Calculus and Vectors brings Western in line with Western's competitor universities in Ontario. Unanimous approval of all science and basic medical science departments has been achieved.

4. **School of Graduate and Postdoctoral Studies: Modifications to the MSc in Management - International Business; Introduction of a Master of Clinical Science, Pathology Assistant (MClSc) Course-Based Masters Option in the Pathology Graduate Program; Revisions to Undergraduate Course Policy for Graduate Students**

4a Modifications to the MSc in Management - International Business

Recommended: That the MSc in Management – International Business program be modified to extend the length of the program and to incorporate a practicum in an international setting, effective January 1, 2013.

Background:

In May 2009, Senate approved the new MSc in Management program at the Richard Ivey School of Business. It was intended to provide students with a research-based academic program that was focused on international business. Also, through partnership with CEMS (The Global Alliance for Management Education), some students would be eligible to complete the CEMS Master of International Management program, which requires additional language testing, practicum and exchange terms above and beyond those of the Ivey MSc program. The original goal was to have approximately half the class completing the CEMS option.

Over the past two years it became obvious that the program's length - 9 months - creates a challenge for those who wish to complete the CEMS program, and that modifications to the original MSc in Management program are needed. The proposed modifications to the MSc in Management – International Business program will address these issues and will provide students with a clearly defined set of international business leadership essentials, increased time to develop international business skills and will incorporate an international practicum.

The proposed modifications to the existing program will:

- extend the program from nine months to 16 months (from three terms to four terms), and
- incorporate a required practicum in an international setting.

A detailed description of changes is described in **Appendix 1**.

4b Introduction of a Master of Clinical Science, Pathology Assistant (MClSc) Course-Based Masters Option in the Pathology Graduate Program

Recommended: That effective September 1, 2012, a new professional masters program, the Master of Clinical Science, Pathology Assistant (MClSc), be introduced as a course-based masters option in the Pathology Graduate Program, contingent upon receipt of final approval from the Quality Council.

MASTER OF CLINICAL SCIENCE, PATHOLOGY ASSISTANT (MClSc)

Admission Requirements
For admission, students must have a minimum of an Honors undergraduate degree in science or biomedical science.

Program Overview
The program is a two-year program. During the first two terms (Fall and Winter), students complete the following graduate courses:

Year 1 Courses:

- Human Anatomy and Embryology
- Functional Histology for Clinical Practice
- General Systemic Pathology
- Environmental Pathology
- Introduction to Forensic Sciences
- Infectious Diseases & Pathology

During the third term (Summer), students obtain practical training in safety, hospital information system access, Laboratory management, computerization, Information systems and Electronic Records, Safety regulations, Medical Ethics, and are oriented to the laboratories of LHSC in which they will undertake their clinical training.

During the second year, students will complete courses in combination with rotations in autopsy and gross surgical pathology.

Year 2 Courses/Rotations:

- Gross Surgical Pathology Techniques
- Autopsy Techniques
- Pathology Research Project

During the last two months of the program, students complete a community hospital rotation.

Progression Requirements
Progression from Year 1 to Year 2 is dependent upon successful completion of all requirements with no grade below 70%.

Background:

The Graduate Program in Pathology recently underwent its periodic review. The recommendations resulting from the review included a recommendation that the course-based master's option be separated from the thesis-based master's option and introduced as a new professional master's program. The course-based option was introduced several years ago and has evolved to align with the accreditation requirements of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), an American accrediting agency (as no such accrediting standards currently exist in Canada).
The course-based option received NAACLS accreditation in 2010 and is currently the only program in Canada to hold this accreditation. Presently, the course-based option is entirely distinct from the thesis-based option, having completely distinct course requirements and including practical experiences. In addition, the course-based option has learning outcomes that are distinct from those of the thesis-based option.

In meeting the requirements of the NAACLS accreditation, graduates of the course-based option are qualified to practice as Pathology Assistants. At present, there is only one other program in Canada, at the University of Manitoba, that educates and trains Pathologist Assistants; the Manitoba program does not hold NAACLS accreditation; there are currently eight Pathologist Assistant programs in the USA. Introducing the course-based option as a separate program will significantly enhance recruitment and will better serve the graduates of the program. Students currently enrolled in the MSc-PA program will not be allowed to transfer over to the new program.

4c Revisions to Undergraduate Course Policy for Graduate Students

Recommended: That the undergraduate course policy for graduate students be revised as highlighted below.

The current policy is posted here:
http://grad.uwo.ca/current_students/graduate_regulations/section_6.htm#6.07

6.07 ADDING, AUDITING, OR WITHDRAWING FROM UNDERGRADUATE COURSES

Graduate Students may take undergraduate courses with the approval of ***the course instructor, the student's supervisor (if applicable),*** the Graduate Chair, and the School of Graduate and Postdoctoral Studies. ***If the course is required for the graduate degree, there will be no additional charge. If it is not required for the degree, the graduate student will be charged, per undergraduate course.*** Graduate students taking undergraduate courses must follow the undergraduate regulations, as stipulated in the undergraduate calendar under "add/drop deadlines." To take such courses, they must use the "Add/Drop/Audit Undergraduate Course" form. Undergraduate courses, or combined courses in which undergraduate students predominate must be less than one-third of the student's total course requirement for the graduate degree.

Background:

The revisions clarify when an additional per-course charge will apply for graduate students taking undergraduate courses that are not required for their program of study.

4d Dual-Doctoral Degree Program in Mathematics between the University of Milano – Bicocca, Milano, Italy and The University of Western Ontario

Recommended: That effective January 1, 2012, a Dual-Doctoral Degree Program that leads to a PhD in Mathematics from each of The University of Western Ontario and the University of Milano – Bicocca, Italy, be introduced in the School of Graduate and Postdoctoral Studies.

Background:

The proposal is to allow students to enroll simultaneously in the Mathematics PhD programs at The University of Western Ontario and The University of Milano-Bicocca in Milan, Italy, to complete the requirements of both programs, and to obtain a PhD degree from both institutions.

In the European Union, such double PhD arrangements are becoming more common, and they have decided to standardize the funding model so that the students pay tuition to and are funded by their home institution. It is expected that this agreement will be used mainly by students from Milan and only one or two students will be involved in the program at a time.

The University of Milano-Bicocca is a recently-founded Italian university. The Mathematics Department has a large number of faculty with expertise in algebra, analytical mechanics and dynamical systems, calculus of variations and differential equations, geometry, harmonic and functional analysis, numerical analysis and algorithms. There are strong research connections to Western; several Western faculty members have research collaborations with faculty members at the University of Milano-Bicocca.

The Mathematics Department at The University of Milano-Bicocca offers the following degrees:

- a Bachelor degree (laurea triennale),
- a Master's degree (laurea magistrale), and
- a PhD degree (dottore di ricerca)

Their PhD program is offered with the Universita Cattolica di Brescia in the nearby city of Brescia, Italy. The Mathematics Department at Milano-Bicocca is larger, so this arrangement provides an opportunity for the Universita Cattolica di Brescia to offer a PhD program. Milano-Bicocca currently has about 14 PhD students in mathematics, while Brescia has approximately two, and the students are all located at Milano-Bicocca.

The University of Milano-Bicocca has collaborations with a number of universities. The University of Milano-Bicocca and the Universita Cattolica di Brescia, along with three other universities (Universita' degli Studi di Milano, Politecnico di Milano, and Universita' degli Studi di Pavia) have an arrangement through which graduate students at any one of these institutions can take courses at any other. In addition, Milano-Bicocca is pursuing Double PhD agreements with other non-Italian universities.

The proposed program's details (attached as **Appendix 2**) were developed by the Office of the Vice-Provost (School of Graduate and Postdoctoral Studies) with involvement from the Provost's office.

5. **King's University College: Revision to Records Check and Vulnerable Sector Screening Policy for the Social Work Practicum**

Recommended: That effective September 1, 2012, the Records Check and Vulnerable Sector Screening Policy at King's University College be revised for the Social Work Practicum as highlighted below.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2011/pg1185.html

RECORDS CHECK AND VULNERABLE SECTOR SCREENING POLICY AT KING'S UNIVERSITY COLLEGE

Social Work Practicum
Assignments to Practica will be determined by the Coordinator of Field Instruction following consultation with students. Students should be aware that there may be financial costs (such as parking, transportation, manual and insurance) and special agency requirements (such as police checks and health requirements) associated with the Practicum. A car may be needed for some community-based placements.

Neither The University of Western Ontario nor King's University College requires a Criminal Records Check or other screening procedure (e.g., Vulnerable Sector Screen [VSS]) as a condition of admission into the Bachelor of Social Work (Honors) program. However, prospective students should be aware that a criminal records check or VSS is required by the majority of facilities used for field placements or experiences related to an academic course assignment. In such cases, it is the student's responsibility to have the necessary procedure completed. Students may not be permitted access to such courses without having completed this requirement.

Students will submit a copy of their VSS or other record check information directly to the School of Social Work for retention in their confidential Student Practicum File. Students may be required to share their VSS or other record check directly with the facility or agency to which they have been assigned depending on the facility or agency policy and requirements. Students unable to complete a Practicum because they are unable to meet a facility's requirement for such a screening, or because a facility refuses to accept them on the basis of the information contained in the record check or other screening procedure, may not be eligible for progression or graduation. Students enrolled in a Practicum may not be able to pass the course if they have not met an agency's requirement, or if the agency refuses to accept them on the basis of the information contained in the record check or other screening procedure. Students should check with the School of Social Work for details regarding course access and the time frame within which a screening must be completed.

Background:

This change is required to reflect current agency requirements and consistency with Letters of Agreement that outline responsibilities of agencies and the School of Social Work with regard to verification and retention of prerequisite placement information.

6. **Undergraduate Sessional Dates**

Recommended: That Senate approve the undergraduate sessional dates for 2013, and the sessional dates in Dentistry, Education, Law and Medicine for 2012-2013, as outlined in **Appendix 4**.

Background:

The undergraduate sessional dates for 2013, and for Education, Dentistry, Law and Medicine, are submitted for approval. Undergraduate sessional dates for 2012 have been approved and are included in **Appendix 4** for information.

FOR INFORMATION

7. **New Scholarships and Awards**

SCAPA has approved on behalf of the Senate, the Terms of Reference for the following new scholarships, for recommendation to the Board of Governors through the President & Vice-Chancellor:

John Nash Football Athletic Scholarship (Any Undergraduate, Graduate or Affiliated University College Student - Athletic Award [Football])
Awarded annually to a full-time undergraduate or graduate student in any year of any degree program at Western, including the Affiliated University Colleges, based on academic achievement. The student must demonstrate leadership qualities as a member of the intercollegiate football team. Candidates must be in compliance with current OUA and CIS regulations. As per current OUA and CIS regulations, an entering student athlete must have a minimum admission average of 80% and a non-entering student must have an in-course average of 70%. The Western Athletic Financial Awards Committee will select the recipients based on its evaluation of academic performance/ potential (20%) and the written recommendations from the Head Coach assessing athletic performance/ potential and team/campus leadership (weighted as 60% and 20% respectively). This scholarship was established by the Board of Foundation Western, with contributions from Western alumni, in recognition of John Nash for his service as President of Foundation Western from 2008 to 2010.

Value: 1 at $1,000
Effective: 2011-2012 to 2021-2022 academic years inclusive

Doris Jackson Memorial OSOTF II Award in Music (Don Wright Faculty of Music)
Awarded annually to a student in the Don Wright Faculty of Music who has made a significant contribution to the UWO Jazz Ensemble and demonstrates financial need. Applications can be obtained through the Office of the Registrar's Web site and must be submitted by September 30. Financial need will be determined by the Office of the Registrar. The Scholarship Review Subcommittee in the Don Wright Faculty of Music will select the recipient. This award was established by the London Jazz Society as a memorial to its founding president.

This award is offered through the Ontario Student Opportunity Trust Fund (OSOTF II) program, and recipients must meet Ontario residency requirements.

Value: 1 at $1,000
Effective: 2011-2012 academic year

Doris Jackson Memorial OTSS Awards in Music (Don Wright Faculty of Music)
Awarded annually to students in the Don Wright Faculty of Music who have made a significant contribution to the UWO Jazz Ensemble and demonstrate financial need. Applications can be obtained through the Office of the Registrar's Web site and must be submitted by September 30. Financial need will be determined by the Office of the Registrar. The Scholarship Review Subcommittee in the Don Wright Faculty of Music will select the recipients. These awards were established by the London Jazz Society as a memorial to its founding president.

These awards are offered through the Ontario Trust for Student Support (OTSS) program, and recipients must meet Ontario residency requirements.

Value: 2 at $1,000
Effective: 2011-2012 academic year

Serge Gouin and Denyse Chicoyne MBA Leadership Award
Awarded to a full-time student entering the Master of Business Administration program at the Richard Ivey School of Business whose first language is French and who resides in Quebec, based on academic achievement and demonstrated community leadership. The MBA Scholarship Committee at Ivey will make the final selection of the recipient. This award was established by Serge Gouin (HBA'65, MBA'66) and Denyse Chicoyne.

Value: 1 at $35,000
Effective: May 2012 - May 2016

8. **SUPR-G Reports on Reviews of Graduate Programs**

SCAPA has approved on behalf of Senate the recommendations of SUPR-G as set out in **Appendix 4**.

Background:

In September 2010, the SCAPA Subcommittee on Program Review (SUPR-G) was officially established and it commenced its work in February 2011. For graduate programs, the long-established processes of OCGS were replaced with internal university mechanisms, and reviews of graduate programs commenced in the summer of 2011. For the transitional year (2010-2011), recommendations from SUPR-G will be forwarded to SCAPA for approval as they are completed. It is expected that starting in 2011-2012, recommendations will be forwarded to SCAPA as part of SUPR-G's annual report. Once approved by SCAPA, the reports and recommendations will be forwarded to Senate and to the Quality Council for information.

9. **School of Graduate and Postdoctoral Studies: Revision to Regulation 8.5 – Master's Candidate – Completion of the Thesis Degree Requirements: Introduction of an Electronic Thesis Depository (ETD) System for Master's Candidates**

Effective January 1, 2012 the graduate regulation section 8.5 (Master's Candidate – Completion of the Thesis Degree Requirement) will be revised to allow for an Electronic Thesis Despository (ETD) option for Master's students.

The School of Graduate and Postdoctoral Studies, in collaboration with Western Libraries, wishes to expand the Scholarship@Western Electronic Thesis and Dissertation repository to permit the pilot level processing of Master's level theses.

Released in August 2010, the Scholarship@Western ETD repository offers PhD candidates the opportunity to submit their thesis for preliminary examination in a digital environment. Theses published within the repository are available in an open-source web-based setting. Currently, 270 published PhD theses are listed in the repository and 95% of PhD candidates have elected to submit their thesis via the ETD repository.

Following is a summary of the proposed policy changes:

- Thesis-based Master's candidates will be given the option to submit their thesis via the ETD repository.
- For those theses submitted via the ETD repository, SGPS will now be responsible for:
  - distribution of the thesis to examiners for preliminary review;
  - collection of preliminary reports from examiners;
  - confirmation of the examination upon successful preliminary examination.
- Details will be added concerning the option of a publication embargo/delay of publication.

- Detail will be added concerning the requirements pertaining to final submission and archiving within the ETD repository.

For a complete listing of the current regulations pertaining to Master's thesis examinations, visit: grad.uwo.ca/current_students/thesis_regulations/section_5.htm.

School of Graduate and Postdoctoral Studies, Richard Ivey School of Business – Modifications to the MSc in Management – International Business

This proposal addresses the Master of Science in Management program in International Business. Some students completing this degree are also registered in the CEMS Master of International Management program. CEMS is a global consortium of business schools in which Ivey and Western participate. The MIM is the designation provided by CEMS.

As Ivey has now admitted two classes and graduated one, various conclusions can be drawn about the program in its current format:

- the nine-month format is very intensive for students and it can be difficult for them to develop fully an appreciation of the academic content of the program
- the program length also creates a challenge in ensuring that all students have a common set of experiences and curricula that address the goal of creating business leaders with an international business perspective and the research skills expected of a Masters student
- employers expect Masters-level management students to have at least some practical experience before considering them for full-time positions
- most graduates from a pre-experience Masters program must gain some work experience before gaining admission to highly competitive doctoral programs
- students presenting themselves to academics and practitioners as international business people need to have at least some practical exposure to multiple cultures, through language and life experience
- the number of students in Canada who have an appropriate business undergraduate background, an appropriate language background for CEMS and are seeking a pre-experience Masters in business are relatively rare

The main goals at this time for the program therefore are:

- to reorient the curriculum to provide students with a clearly defined set of international business leadership essentials
- to lengthen the program to increase the time for development of international business and research skills
- to incorporate the opportunity for an international practicum in the program to increase the potential applicant pool by allowing students time to increase their business or language skills after completion of their undergraduate program

The Ivey MSc Program was approved by Senate in May 2009. The updated MSc in Management – International Business program is a major modification of the originally-approved degree.

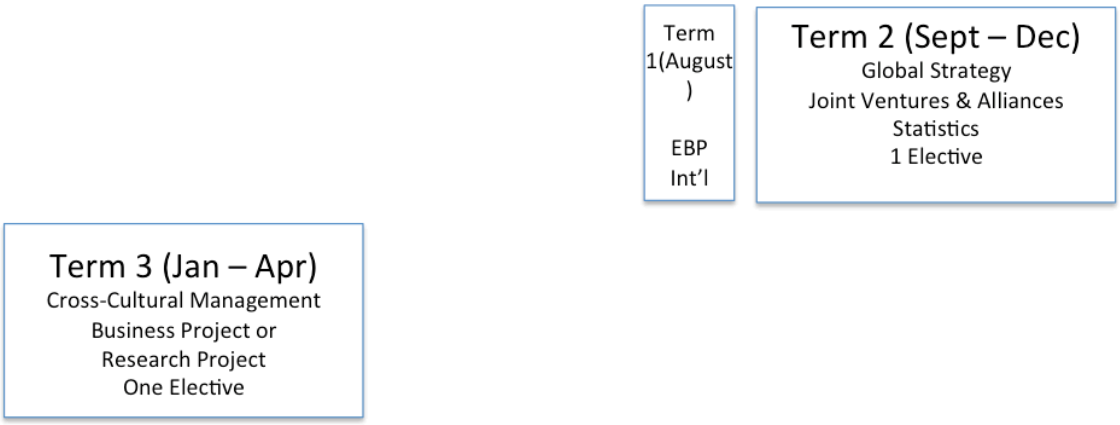
A brief description of the proposed modification

The major changes of the program can be summarized as follows:

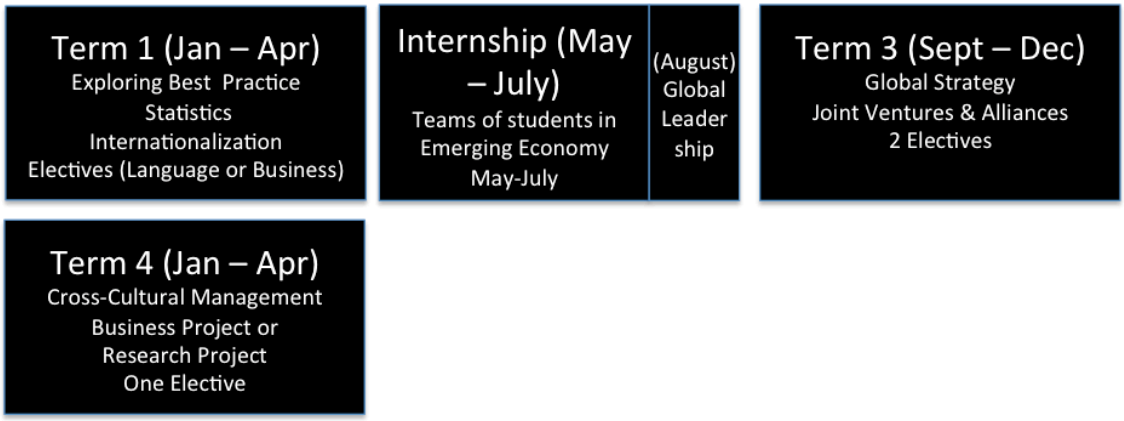
	Existing Program	Proposed Program
Program Length	3 Terms (9 months)	4 Terms (16 months)
Required Courses	Exploring Best Practice Statistics The Internationalization Process Global Strategy	Existing + International Project Leadership Course + Practicum
Elective Courses	4 courses depending on CEMS or non-CEMS registration	No Change
Research project	Applied research project either individual or group	No Change
Practicum	None available	Required; international placement arranged by program

These changes are shown in the following diagrams:

<u>The existing program:</u>



<u>The revised program:</u>



<u>Current Program Structure</u>

All courses are 0.5 credits unless otherwise noted.
Term 1 (August)
Required: Exploring Best Practice, The Internationalization Process
Term 2 (September – December)
Required: Statistics, Global Strategy, International Joint Ventures and Alliances
Electives: 1 elective course
Term 3 (January – April)
Required: Cross-Cultural Management, Research Project (1.0 credit)
Electives: 1 elective course

<u>Goals of Proposed Changes</u>

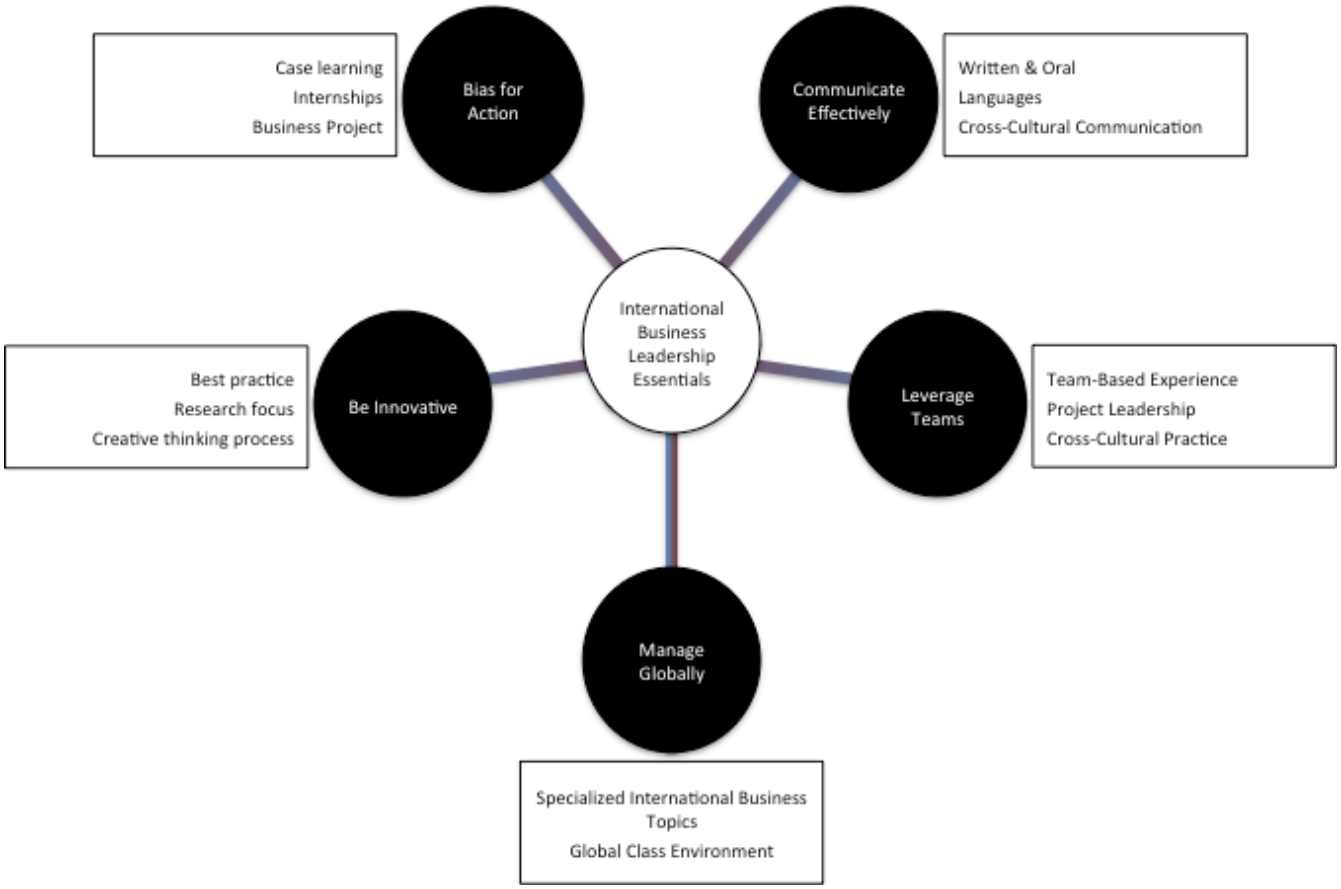
- To reorient the curriculum to provide students with a clearly defined set of international business leadership essentials

While the program is research-based, it is expected that most students will apply those skills within an international context in an organizational environment outside the university system. Further, even for students wishing to pursue a doctoral program, the reality is that a graduate of a pre-experience management program will usually be expected to gain some full-time work experience before joining a top-flight doctoral program. Therefore, with few exceptions, students' first career stop after this program will be a job in industry.

After reviewing the literature on successful international careers, the following five “International Business Essentials” were developed. Further, key elements of each area are articulated. As can be seen from this list, the ability to understand, communicate and conduct research as an element of “Be Innovative” is a critical factor, and an important distinguishing characteristic between an undergraduate international business program and this one.

Leadership Essential	Program Element	Current Status and Proposal
Bias for Action	Case learning	At this time, students apply research readings to cases in most classes. Proposed Change: None
	Practicum	No opportunity in current program. Proposed Change: Include in program
	Business project	Students may participate in either an individual or group research project. Proposed Change: None.
Communicate Effectively	Written & Oral Languages	For CEMS partnership: Language fluency in at least two languages required. For non-CEMS: No language requirements. Proposed Change: All students have the opportunity for language study.
	Cross-Cultural Communication	Existing course for all students. Proposed change: None
Leverage Teams	Team-Based Experience	Most courses have team projects. Proposed change: None
	Project Leadership	No course material in project leadership. Proposed change: Some content added
	Cross-cultural practice	Global class environment plus teams gives the students broad exposure to different ways of working Proposed change: None
Manage globally	Specialized international topics	Good range of electives Proposed change: None; more if the program grows
	Global Class Environment	Experience in functioning with students from around the world. With incoming CEMS students, the classes are majority non-Canadian students with more than 15 nationalities. Proposed change: Increase number of CEMS students

Be Innovative	Best practice	Up-to-date research provides students with knowledge of cutting edge practice. Proposed Change: None
	Research focus	Research methods courses and readings that are from academic, not just practitioner, literature Proposed Change: None
	Creative thinking process	Applied projects provide opportunities as well as courses focused on innovation and entrepreneurship Proposed Change: None



- to lengthen the program to increase the time for development of international business and research skills

At this time the program is effectively a 9-month program as the first academic term is highly compressed. This does not leave much “settle time” for new concepts that for pre-experience students seems to be more critical than perhaps for more experienced students. Therefore, in this proposed redesign, the compressed first academic term has been replaced by a standard length academic term.

- to incorporate the opportunity for an international practicum in the program

As mentioned earlier, it seems that nearly all program graduates – even those who might eventually enter doctoral programs – will leave this program to join a non-academic employer. These employers highly value practical experience, particularly experience related to career goals. For this program therefore the experience should ideally be international.

At this time, we have been working with Global Business Brigades to provide the practicum in Panama during the Second term. We are not permanently tied to GBB but the HBA program has worked with them previously and they are willing to tailor a program to our needs. To reflect the time commitment in this exercise, it is proposed that students earn 1.5 credits in a Pass/Fail practicum course.

- to increase the potential applicant pool by allowing students time to increase their business or language skills after completion of their undergraduate program.

As most students complete their undergraduate programs at the end of April, students who are potentially interested in this Masters program but do not have enough business credits or are not fluent enough in languages other than English to qualify for CEMS currently only have 3 months to address any deficiencies. Therefore, it is proposed to increase this amount of time and to start the program in January.

PROPOSED AGREEMENT FOR DUAL PhD PROGRAM IN MATHEMATICS

The purpose of this Agreement is to set out the rules, rights, and obligations of the parties with respect to the conduct of the coordinated doctoral studies program.

PROPOSED MANNER OF IMPLEMENTATION

Admission
The admission to each doctoral program is by separate and independent selection processes, in accordance with the respective regulations of each Institution. Each Institution will inform the other about the admission.

Language requirements
Applicants to the program must demonstrate proficiency in English to the satisfaction of both Institutions. For the University of Western Ontario, this means meeting the usual admission requirements involving standard tests such as the TOEFL, IELTS, etc. It is recommended that applicants also have a good knowledge of Italian. Applicants who do not have a good knowledge of Italian will ordinarily be required to take courses in that language during the course of the program, as determined by the student's thesis supervisors. The two Institutions agree to assist students in finding appropriate language courses in either English or Italian, but such assistance shall not include financial assistance for the courses.

Duration of studies
The duration of the doctorate will be a maximum of four years from the starting date of the doctorate which has the earliest starting date, unless extraordinary and exceptional situations justify an extension. Extensions, if granted, shall be subject to the regulations of the two Institutions.

Residency
The research and study activities will be carried out at the two Institutions. The total duration of the periods spent at each of the two Institutions is expected to be approximately equal and to be coordinated by the supervisors.

Enrolment and fees
Throughout the double Ph.D. program, the student will be enrolled at both institutions. However, students will pay fees and tuition only to their home institution, even while resident at the host institution. No additional fees will be required by the hosting university with the exception of health insurance fees as described in section 14 of this Agreement. In addition, financial support will only be provided by the home institution. For students whose home institution is The University of Milano-Bicocca, the maximum period of funding is normally three years. For students from The University of Western Ontario, the maximum period of funding is normally four years.

Supervision of the student
Each Institution will appoint a professor as thesis supervisor. The student will turn to the supervisor for advice or assistance during her/his residence at that Institution. The two supervisors will jointly exercise the function of scientific guide of the student and are responsible for the student doctorate education and research training.

Scholarly activities
The main activities that the student must carry out during the doctoral program include taking advanced level courses, doing research work and writing and defending the doctoral thesis. The student may take courses at each of the two Institutions, in accordance with the program of study arranged through consultation with the supervisors.

The student shall fulfil all requirements and regulations ruling the Ph.D. programs of both Institutions with the following alterations. (1) For students in this program, Italian is an acceptable language for meeting the language requirement at The University of Western Ontario. (2) Students whose home institution is The University of Milano-Bicocca do not need to complete Part I of the comprehensive exam at The University of Western Ontario. (3) Students who are defending their thesis at The University of Milano-Bicocca do not need to complete the Departmental Oral Exam requirement at The University of Western Ontario.

The doctoral thesis is expected to contain research material superior to that attainable by work performed within a single Ph.D. program. It will be written in English, with two extended summaries (typically 1 to 3 pages) in English and Italian.

Intermediate evaluations
Each Institution will separately examine and evaluate the progress of the student at least annually or more frequently as may be prescribed by each Institution, and transmit the result of the evaluation to the other Institution.

Final evaluation and award of the title
After completing the double doctoral program and satisfying all the associated requirements (in particular the committee's positive evaluation of the thesis work) each student will be awarded the "Dottore di ricerca" by the University of Milano-Bicocca and the title "Doctor of Philosophy" by the University of Western Ontario.

Composition of final evaluation committee
The defence of the thesis will be held at one Institution, upon agreement between the committee and the Ph.D. candidate. It will be conducted in English.

The examining committee for the thesis defence will be composed of four professors: one from each of the Mathematics departments, one from either of the Institutions, but not from the Mathematics departments, and one from an Institution different from the two engaged in this Agreement (the "external" examiner). One or both of the supervisors will be present at the defense, but neither of the supervisors will be an examiner. Examiners may participate by video-conferencing. In certain circumstances, if an examiner cannot participate then they can send their questions (and expectations for answers) separately. In this case at least 3 of the 4 examiners must participate. The examining committee and chair will be nominated by the student's home University and sent to the hosting Institution for the necessary approval.

Financial matters
The student will assume expenses for travel, accommodation and all living expenses. For the student's activities each Institution will make available its own resources, including library access and computer accounts. Each thesis supervisor, and/or his/her Department, is responsible for his/her own travel expenses.

The travel expenses for the external member of the thesis defense committee will be covered by the student's home Institution. There are no other financial charges for the Institutions.

Research results protection
The protection of the thesis content and the publication, exploitation and protection of the results of research carried out under the terms of this Agreement will be subject to the regulations of both Institutions. If required, specific agreements will be arranged for the protection of the intellectual property.

Health insurance and protection measures
The student will be required to show proof of health insurance before assuming his/her residency at the hosting Institutions. While at the University of Western Ontario, visiting students and any accompanying dependents must purchase coverage under the University Health Insurance Program, unless they can demonstrate to the satisfaction of both administrators that they already possess equivalent or greater coverage from another insurance program. While they are at each Institution, students are required to comply with each Institution's health and workplace safety requirements.

Controversies
The parties agree to solve in a friendly manner any controversy arising from the interpretation of the present Agreement. The partner universities shall make every effort to reach an out-of-court settlement for any disputes that arise on signing or performing this Agreement.

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	**Education**	
Degrees Offered:	MEd Counselling Psychology MEd Educational Studies PhD Educational Studies	
Approved Fields:	*Masters (Counselling Psychology)* No fields *Masters (Educational Studies):* Curriculum Studies Education Policy Studies Educational Psychology/Special Education	*Doctoral:* Curriculum Studies Educational Policy Studies Educational Psychology / Special Education Equity and Social Justice
Date of Site Visit:	May 3 and 4, 2011	
Evaluation:	Conditional approval, with report in 1 year	

Summary:

The MEd in Counselling and the MEd and PhD in Education Studies were found currently to be of high quality. However the review was timely as the Faculty is facing significant challenges, both economic and academic, and must address several key issues. The Faculty has experienced some instability due to changes in leadership, having had 3 different Deans over the past 5 years and a new Dean beginning July 2011. The graduate programs have good quality resources in terms of space, library and IT resources, student funding levels are competitive, graduate student publication records are good, the career paths of the graduates have demonstrated success, and students' perspectives of the programs are overall positive. However, serious concerns have been raised about the level of supervisory support available for students, given the breadth of subject matter in the current programs, the number of faculty members who are actively involved in research, and pending retirements.

Recommendation	**Responsibility**	**Resources**	**Timeline**
Create staffing plan to address faculty renewal in a way that supports areas of excellence/potential excellence	Dean	Budgetary	1 year
Examine faculty supervision loads in order to more equitably distribute supervision	Dean, Associate Dean for Graduate Programs		1 year
Using state of the art information technology, expand professional graduate offerings	Associate Dean for Graduate Programs	Budgetary (if equipment or software is required)	2 years
Re-align the research and professional programs to achieve clarity in differentiation	Dean, Associate Dean for Graduate Programs		2 years
Examine opportunities to introduce new professional programs	Dean, Associate Dean for Graduate Programs	Appropriate staffing	1 year
Examine opportunities to expand the psychology area	Dean, Associate Dean for Graduate Programs	Appropriate staffing	2 years
Examine the sustainability of the fields in light of the faculty demographics and workloads, and future faculty complement	Associate Dean for Graduate Programs	Contingent upon staffing plan	2 years
Develop an enrolment management plan to ensure that students admitted to the research program are assured of appropriate supervision	Associate Dean for Graduate Programs		1 year

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	**Physiology and Pharmacology (previously the Program in Physiology and the Program in Pharmacology and Toxicology)**
Degrees Offered:	MSc, PhD
Approved Fields:	Cardiovascular Sciences Cell, Development and Cancer Biology Clinical and Basic Pharmacology Neurosciences Reproductive Biology and Endocrinology
Date of Site Visit:	June 22-23, 2011
Evaluation:	Good quality

Summary:

The graduate programs in the Department of Physiology and Pharmacology are very strong, especially in terms of the programs' breadth of expertise as well as research and training. Moreover, the external consultants commended the quantity and quality of the work produced by their graduate students. Although faculty members have been located in diverse areas, the department has successfully managed to keep these members included in its activities. The available laboratory spaces and ongoing renovations also provided positive impressions about the department. Finally, the external consultants evaluated the proposal for the consolidation of the two current graduate programs (Physiology; Pharmacology and Toxicology) into one program (Physiology and Pharmacology).

Recommendation:	**Responsibility**	**Resources**	**Timeline**
Move forward with the consolidation of the 2 programs into a single graduate program in Physiology and Pharmacology	Department Chair, Associate Dean		September 2012
Make use of the Communications and Critical Thinking (CCT) course, or other components of the program, to guarantee that students gain competence in the basic principles of physiology and pharmacology.	Graduate Chair and Program Committee	Support from the CCT course instructors.	September 2012
Identify additional office space for graduate students, especially in labs with a large number of students	Department Chair, Space Committee	Support from the Dean and Associate Dean	September 2012
Consider participating in the non-thesis MSc degree if it becomes available	Associate Dean, Graduate Chair and Program Committee	Decision from SSMD	
Consider ways to develop resources and a process for funding (including , but not limited to emergency bridge funding) so that students are protected when supervisor's research funding is interrupted	Dean, Department Chair	Support from central UWO administration and SGPS	September 2012
Consider outreach and recruiting strategies focused on increasing the number of PhD students	Graduate Chair	Department Chair, Associate Dean	September 2013
Consider indicating a core area of specialization (i.e., field) on the graduate degrees to alleviate concerns about the breadth of expertise of graduates of this program	Graduate Chair and Program Committee	Support from Associate Dean, Department Chair	September 2014

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	**Anatomy and Cell Biology**		
Degrees Offered:	MSc, PhD		
Approved Fields:	Prior to Review: **Master's Fields:** Cell Biology Neurobiology Clinical Anatomy	**Doctoral Fields:** Cell Biology Neurobiology	Recommended by Review: **Master's and Doctoral Fields:** Cell Biology Neurobiology Clinical Anatomy
Date of Site Visit:	May 30-31, 2011		
Evaluation:	Good Quality with report by January 2013		

Summary:

The graduate program in Anatomy and Cell Biology (ACB) is currently strong. The program is attracting good quality students into all fields. A large proportion of students hold external awards. The students in the traditional research fields of Cell Biology and Neurobiology are well-supported by external research grants. Research supervisors are well-qualified and energetic. Space resources are adequate for the foreseeable future. Entry into the program is competitive. The program is committed to ensuring that students remain on track and on time. There is an excellent set of introductory courses given to all students and a highly structured approach to the supervisory and advisory committees is appreciated by the students.

The Master's Clinical Anatomy (CA) field is strong and universally appreciated. There is strong support to extend the Clinical Anatomy field to the doctoral level; however, it is essential that the program have sufficient funding and that CA faculty secure external research funding to appropriately support the doctoral students. Opportunities for the CA field to collaborate with other programs on campus focusing on educational scholarship is strongly encouraged. Although the program has several excellent young researchers, recent retirements and resignations, particularly the resignation of the Department Chair, makes faculty recruitment essential to maintaining a vibrant graduate program.

Recommendation:	Responsibility	Resources	Timeline
Extend the Clinical Anatomy field to the Doctoral Program	Graduate Chair and faculty members	Appropriate funding for doctoral students, including increased external research funding	Introduce new field effective immediately
Develop faculty recruitment/hiring plan to address gaps due to retirements and resignations	Department Chair in consultation with Graduate Chair and Dean	Budgetary support as aligned with Department and Faculty priorities	Fall 2013
Develop a student funding model that provides appropriate funding for students in all fields in the program	Graduate Chair and program committee, in consultation with Department Chair, Dean	Appropriate student funding and external research funding	Fall 2012
Identify a program leader for the Clinical Anatomy Field to support growth, particularly of new doctoral field	Graduate Chair and program committee		Fall 2012
Liase with other programs in the area of educational scholarship to strengthen collaborations with Clinical Anatomy field	Graduate Chair and program committee		Fall 2013

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	**Pathology**
Degrees Offered:	MSc, PhD
Approved Fields:	Oncology and Environmental Pathology Molecular Pathology and Transplant Pathology Neuropathology
Date of Site Visit:	May 30-31, 2011
Evaluation:	Good quality with report in 2 years

Summary:

The Graduate program in Pathology is strong with high quality research and clinical contributions and enthusiastic leadership from faculty and administrative staff. Considerable progress has been made since the last review in re-building the Department. The Department has a good balance of senior and junior researchers. A significant proportion of faculty is fully engaged with the graduate programs despite the need for many to fulfill important clinical roles – a unique feature of this department. While the department enjoys considerable support from adjunct faculty across the campus and identifies these individuals as core faculty, the number of tenured or tenure-track faculty remains relatively small (7 at present) considering the demand for programs offered. The new Chair is already leading efforts to address the issues in the following recommendations.

Recommendation:	Responsibility	Resources	Timeline
Pathologist Assistant option (course-based master's) should be separated as a stand-alone professional program	Pathology Graduate Chair, Department Chair, Dean (Schulich School of Medicine & Dentistry)	Administrative support for new program; support for coordination of practical experience opportunities for students	Begin process immediately for start date of September 2012
Increase teaching opportunities for grad students (e.g., TAs)	Pathology Graduate Chair, Department Chair, Dean (SSMD)	Focus on courses within Pathology but pursue opportunities outside the department as well; may require increased funding for TA positions	Beginning September 2012
Increase PhD enrolments (particularly full-time)	Pathology Graduate Affairs Committee and Graduate Chair	Requires a student funding model that supports increased enrolment; may require resources to support improved web promotion and recruitment materials	Within 2 years
Focus efforts to attract external scholarship holding/eligible students	Pathology Graduate Affairs Committee and Graduate Chair	May require entrance scholarships and flexible funding options; enhanced recruitment materials	Within 2 years
Increase opportunities for interaction between clinical and thesis students			
Hire new research-oriented faculty	Pathology/ Faculty	Qualified grad applicants are being turned away due to lack of capacity to supervise.	Within 5 years (underway)

The University of Western Ontario
Academic Calendar Sessional Dates 2012

	January	3	Dentistry classes resume.
	January	9	Classes resume.
	January	13	Last day to add a second-term first quarter ('S) course (Kinesiology).
*	January	15	Last day to receive admission applications for the Diploma in Accounting, and the Diploma in Public Relations offered through The Western Centre for Continuing Studies.
	January	17	Last day to add a second-term half course, or a second-term full course.
	January	20	Last day to drop a second-term first quarter ('S') course without academic penalty (Kinesiology).
	January	22	Last day to receive applications for graduation: In Absentia February Convocation.
	January	27	Last day to receive admission applications: Business Administration.
*	January	31	Deadline to apply for relief against a final grade in a first-term course.
*	February	1	Last day to receive admission applications: Social Work (King's University College).
*	February	15	Last day to receive admission applications: Collaborative Nursing Program.
	February	15	Last day to drop a second-term half course, or a second-term full course without academic penalty.
	February	20	Family Day.
	February	20 - 24	Reading Week.
	February	24	In Absentia February Convocation.
	February	27	First day of second-term second quarter ('T') course (Kinesiology).

The University of Western Ontario
Academic Calendar Sessional Dates 2012

* March	1	Last day to receive admission applications from CEGEP applicants. Last day to receive admission applications: Compressed Time Frame BScN Program. Last day to receive admission applications for Spring/Summer Distance Studies, Summer Evening and Intersession from students applying for the first time. All supporting documentation must be submitted within seven days of this date. Last day to receive admission applications: Certificate & Diploma Programs offered through The Western Centre for Continuing Studies.
March	2	Last day to add a second-term second quarter ('T') course (Kinesiology).
March	6	First day for web registration for Summer Evening and Spring/Summer Distance Studies.
March	8	First day for web registration for Intersession.
March	9	Last day to drop a second-term second quarter ('T') course without academic penalty (Kinesiology).
March	13	First day for web registration for Summer Day.
March	15	Last day to receive applications for graduation: Spring Convocation.
April	4	Master of Business Administration Convocation.
April	6	Good Friday
April	7 - 8	Passover
April	8	Easter Sunday
April	11	Fall/Winter Session classes end.
April	12 - 13	Study Days.
April	14 - 30	Final examination period.
April	30	Second term ends for all Faculties except Dentistry, Education, Law, and Medicine.

The University of Western Ontario
Academic Calendar Sessional Dates 2012

*	May	1	Last day to receive admission applications for Summer Day courses from students applying for the first time. All supporting documentation must be submitted within seven days of this date.
			Last day to withdraw an application for graduation: Spring Convocation.
	May	3	Huron University College Theology Convocation.
	May	5	Last day for web registration for Summer Evening and Spring/Summer Distance Studies courses.
	May	7	Summer Evening and Spring/Summer Distances Studies courses begin.
	May	11	Last day to add a full course, a first-term half course, a first-term first quarter ('Q') course, and a full year half-course in Summer Evening.
			Last day to add a Spring/Summer Distance Studies course.
	May	12	Last day for web registration for Intersession courses.
	May	14	Intersession courses begin.
			Trois-Pistoles courses begin.
*	May	15	Last day for students on exchange or a letter of permission to submit transcripts for graduation at Spring Convocation.
			Last day to receive admission applications for full-time general studies for 2012-13 Fall/Winter Term from candidates outside Canada.
	May	15	Last day to add a full course, or a 6-week half course, a first-term first quarter ('Q') course, or a full-year half course in Intersession.
	May	16	Last day to add or drop a course at Trois-Pistoles Intersession.
	May	17	Last day to drop a 3-week first-term half course in Intersession without academic penalty.
	May	18	Last day to drop a first-term half course, or a first-term first quarter ('Q') course in Summer Evening and Spring/Summer Distance Studies without academic penalty - REVISED.
			Doctor of Medicine Convocation.

The University of Western Ontario
Academic Calendar Sessional Dates 2012

	May	21	Victoria Day.
	May	24	Last day to drop a full course, or a 6-week half course, a first-term, first quarter ('Q') course, or a full-year half course in Intersession without academic penalty.
	May	27	Hong Kong Convocation.
*	June	1	Last day to receive admission applications from new students for Fall/Winter Term 2012-13 for full-time studies, provided that the program requested is open. All supporting documentation must be submitted within seven days of this date.
	June	1	Last day to drop a full course or full-year half course in Summer Evening and Spring/Summer Distance Studies course without academic penalty.
	June	4	Second-term half courses in Intersession begin.
	June	5	Last day to add a second-term half course in Intersession.
	June	7	Last day to drop a second-term half course in Intersession without academic penalty.
	June	12 - 15 18 - 20	Spring Convocation
	June	15	Trois-Pistoles Intersession Ends.
	June	18	Second term half courses in Summer Evening and Spring/Summer Distance Studies begin - REVISED Proposed start date for course registration for 2012-2013 Fall/Winter Term.
	June	22	Last day to add a second-term half course in Summer Evening and Spring/Summer Distance Studies - REVISED Intersession courses end.
	June	25-26	Examinations: Intersession.
	June	29	Last day to drop a second term half course, or a second-term, first quarter ('S') course, in Summer Evening and Spring/Summer Distance Studies without academic penalty - REVISED.

The University of Western Ontario
Academic Calendar Sessional Dates 2012

* June	30	Deadline to apply for relief against a final grade in a second-term or a full-year course.
		Deadline to apply for relief against a program eligibility decision.
		Deadline requesting a waiver of the progression requirements.
* July	1	Canada Day.
		Last day to receive admission applications from new students for Fall/Winter Term 2012-13 for courses taught by Distance Studies and for part-time studies in courses taught on campus during the day and evening provided that the program requested is open. All supporting documentation must be submitted within seven days of this date. New students wishing to pursue part-time studies after July 1, should contact the Admissions Office to arrange for an appointment.
July	7	Last day for web registration for Summer Day courses.
July	9	Summer Day Term begins.
		Trois-Pistoles Summer Day Term begin.
July	10	Last day to add a full course, a first-term half course (3-week or 6-week), or a full-year half course in Summer Day.
July	11	Last day to add or drop a course at Trois-Pistoles Summer Day.
July	12	Last day to drop a 3-week first-term half course in Summer Day without academic penalty.
July	18	Last day to drop a full course, or a 6-week half course, or a full-year half course in Summer Day without academic penalty.
July	27	Summer Evening and Spring/Summer Distance Studies Terms end.
July	30	Second-term half courses in Summer Day begin.
July	30 - 31	Examinations: Summer Evening Term.
July	30 - Aug 2	Examinations: Spring/Summer Distance Studies courses.
* July	31	Deadline to apply for relief against a final grade in an Intersession course.
July	31	Last day to add a second-term half course in Summer Day.

The University of Western Ontario
Academic Calendar Sessional Dates 2012

	August	TBA	Last day for web registration for 2012-13 Fall/Winter Term.
			Extended WEB Registration begins.
	August	2	Last day to drop a second-term half course in Summer Day without academic penalty.
	August	6	Civic Holiday
	August	10	Trois-Pistoles Summer Day courses end.
	August	17	Summer Day courses end.
	August	20 - 21	Examinations: Summer Day courses.
*	August	31	Deadline to apply for relief against a final grade in a Summer Evening course.
	September	3	Labour Day.
	September	6	Fall/Winter Term classes begin.
	September	8	Last day to receive applications for graduation: Autumn Convocation.
	September	10	First day of first-term, first-quarter ('Q') courses. (Kinesiology)
	September	12	WEB Registration for Fall/Winter term ends.
	September	14	Last day to add a first-term first quarter ('Q') course (Kinesiology).
			Last day for late registration.
			Last day to add a full course, a first-term half course, a first-term full course, or a full-year half course on campus and Distance Studies.
*	September	15	Deadline to apply for relief against a final grade in a Summer Day course.
	September	21	Last day to drop a first-term first quarter ('Q') course without academic penalty (Kinesiology).

The University of Western Ontario
Academic Calendar Sessional Dates 2012

	October	1	Last day for students on exchange or a letter of permission to submit transcripts for graduation at Autumn Convocation. Last day to withdraw application for graduation: Autumn Convocation. *(Note: If this date falls on a Saturday or Sunday, the deadline will be the Friday before)*
	October	8	Thanksgiving Holiday.
*	October	15	Deadline to apply for relief against a final grade in a Spring/Summer Distance Studies course. Last day to drop a first-term half course or a first-term full course (2012-13 Fall/Winter Term) without academic penalty. Last day to receive admission applications: Medicine for 2013.
	October	22	First day of first-term second quarter ('R') courses (Kin).
	October	25 - 26	Autumn Convocation.
	October	26	Last day to add a first-term second quarter ('R') course (Kin).
*	November	1	Last day that students registered in 'W' accelerated language courses may transfer to the equivalent full-year course with the permission of their Faculty. Last day to receive official transcripts for courses taken on Letters of Permission during the academic year 2011-12 and the Spring/Summer Terms of 2012. Last day to receive admission applications: Law for 2013.
	November	2	Last day to drop a first-term second quarter ('R') course without academic penalty (Kin).
*	November	30	Last day to drop a full course and full-year half course [on campus day and evening and Distance Studies] without academic penalty.
*	December	1	Last day to receive admission applications: Dentistry for 2013. Last day to receive admission applications, transcripts, and supporting documentation: Education for 2013. (If December 1st falls on a week-end or holiday, then the deadline date will be decided by the Association of Education Registrar's of Ontario)
	December	5	Fall/Winter Term classes end.

The University of Western Ontario
Academic Calendar Sessional Dates 2012

December	6 - 7	Study Days.
December	8 - 19	Mid-year examination period.
December	20	First term ends for all Faculties except Dentistry, Education, Law and Medicine.

The University of Western Ontario
Academic Calendar Sessional Dates 2013

	January	7	Classes resume.
	January	11	Last day to add a second-term first quarter ('S) course (Kinesiology).
*	January	15	Last day to receive admission applications for the Diploma in Accounting, and the Diploma in Public Relations offered through The Western Centre for Continuing Studies.
	January	15	Last day to add a second-term half course, or a second-term full course.
	January	18	Last day to drop a second-term first quarter ('S') course without academic penalty (Kinesiology).
	January	22	Last day to receive applications for graduation at In Absentia February Convocation.
	January	25	Last day to receive admission applications: Business Administration.
*	January	31	Deadline to apply for relief against a final grade in a first-term course.
*	February	1	Last day to receive admission applications: Social Work (King's University College).
*	February	15	Last day to receive admission applications: Collaborative Nursing
	February	15	Last day to drop a second-term half course, or a second-term full course without academic penalty.
	February	18	Family Day.
	February	18 - 22	Reading Week.
	February	22	In Absentia February Convocation.
	February	25	First day of second-term second quarter ('T') course (Kinesiology).

The University of Western Ontario
Academic Calendar Sessional Dates 2013

* March	1	Last day to receive admission applications from CEGEP applicants. Last day to receive admission applications: Compressed Time Frame BScN Program. Last day to receive admission applications for Spring/Summer Distance Studies, Summer Evening and Intersession from students applying for the first time. All supporting documentation must be submitted within seven days of this date. Last day to receive admission applications: Certificate & Diploma Programs offered through The Western Centre for Continuing Studies.
March	1	Last day to add a second-term second quarter ('T') course (Kinesiology).
March	5	First day for web registration for Summer Evening and Spring/Summer Distance Studies.
March	7	First day for web registration for Intersession.
March	8	Last day to drop a second-term second quarter ('T') course without academic penalty (Kinesiology).
March	12	First day for web registration for Summer Day.
March	15	Last day to receive applications for graduation: Spring Convocation.
March	29	Good Friday
March	31	Easter Sunday
April	11	Fall/Winter Session classes end.
April	12 - 13	Study Days.
April	14 - 30	Final examination period.
April	30	Second term ends for all Faculties except Dentistry, Education, Law, and Medicine.

The University of Western Ontario
Academic Calendar Sessional Dates 2013

	May	TBA	Huron University College Theology Convocation.
			Master of Business Administration Convocation.
			Doctor of Medicine Convocation.
			Hong Kong Convocation.
*	May	1	Last day to receive admission applications for Summer Day courses from students applying for the first time. All supporting documentation must be submitted within seven days of this date.
			Last day to withdraw an application for graduation: Spring Convocation.
	May	4	Last day for web registration for Summer Evening and Spring/Summer Distance Studies courses.
	May	6	Summer Evening and Spring/Summer Distances Studies courses begin.
	May	10	Last day to add a full course, a first-term half course, a first-term first quarter ('Q') course, and a full year half-course in Summer Evening.
			Last day to add a Spring/Summer Distance Studies course.
	May	11	Last day for web registration for Intersession courses.
	May	13	Intersession courses begin.
			Trois-Pistoles courses begin.
	May	14	Last day to add a full course, or a 6-week half course, a first-term first quarter ('Q') course, or a full-year half course in Intersession.
*	May	15	Last day for students on exchange or a letter of permission to submit transcripts for graduation at Spring Convocation.
			Last day to receive admission applications for full-time general studies for 2013-14 Fall/Winter Term from candidates outside Canada.
	May	15	Last day to add or drop a course at Trois-Pistoles Intersession.
	May	16	Last day to drop a 3-week first-term half course in Intersession without academic penalty.

The University of Western Ontario
Academic Calendar Sessional Dates 2013

	May	17	Last day to drop a first-term half course, or a first-term first quarter ('Q') course in Summer Evening and Spring/Summer Distance Studies without academic penalty.
	May	20	Victoria Day.
	May	23	Last day to drop a full course, or a 6-week half course, a first-term, first quarter ('Q') course, or a full-year half course in Intersession without academic penalty.
*	June	1	Last day to receive admission applications from new students for Fall/Winter Term 2013-14 for full-time studies, provided that the program requested is open. All supporting documentation must be submitted within seven days of this date.
	May	31	Last day to drop a full course or full-year half course in Summer Evening and Spring/Summer Distance Studies course without academic penalty.
	June	3	Second-term half courses in Intersession begin.
	June	4	Last day to add a second-term half course in Intersession.
	June	6	Last day to drop a second-term half course in Intersession without academic penalty.
	June	11 - 14 17 - 19	Spring Convocation.
	June	14	Trois-Pistoles Intersession Ends.
	June	17	Second term half courses in Summer Evening and Spring/Summer Distance Studies begin. Proposed start date for course registration for 2013-14 Fall/Winter Term.
	June	21	Last day to add a second-term half course in Summer Evening and Spring/Summer Distance Studies. Intersession courses end.
	June	24 - 25	Examinations: Intersession.
	June	28	Last day to drop a second term half course, or a second-term, first quarter ('S') course, in Summer Evening and Spring/Summer Distance Studies without academic penalty.

The University of Western Ontario
Academic Calendar Sessional Dates 2013

* June	30	Deadline to apply for relief against a final grade in a second-term or a full-year course.
		Deadline to apply for relief against a program eligibility decision.
		Deadline requesting a waiver of the progression requirements.
* July	1	Canada Day.
		Last day to receive admission applications from new students for Fall/Winter Term 2013-14 for courses taught by Distance Studies and for part-time studies in courses taught on campus during the day and evening provided that the program requested is open. All supporting documentation must be submitted within seven days of this date. New students wishing to pursue part-time studies after July 1, should contact the Admissions Office to arrange for an appointment.
July	6	Last day for web registration for Summer Day courses.
July	8	Summer Day Term begins.
		Trois-Pistoles Summer Day Term begin.
July	9	Last day to add a full course, a first-term half course (3-week or 6-week), or a full-year half course in Summer Day.
July	10	Last day to add or drop a course at Trois-Pistoles Summer Day.
July	11	Last day to drop a 3-week first-term half course in Summer Day without academic penalty.
July	17	Last day to drop a full course, or a 6-week half course, or a full-year half course in Summer Day without academic penalty.
July	26	Summer Evening and Spring/Summer Distance Studies Terms end.
July	29	Second-term half courses in Summer Day begin.
July	29 - 30	Examinations: Summer Evening Term.
July	29 - Aug 1	Examinations: Spring/Summer Distance Studies courses.
* July	31	Deadline to apply for relief against a final grade in an Intersession course.
July	30	Last day to add a second-term half course in Summer Day.
August	TBA	Last day for WEB registration for 2013-14 Fall/Winter Term.

The University of Western Ontario
Academic Calendar Sessional Dates 2013

			Extended WEB Registration begins.
	August	1	Last day to drop a second-term half course in Summer Day without academic penalty.
	August	5	Civic Holiday
	August	9	Trois-Pistoles Summer Day courses end.
	August	16	Summer Day courses end.
	August	19 - 20	Examinations: Summer Day courses.
*	August	31	Deadline to apply for relief against a final grade in a Summer Evening course.
	September	2	Labour Day.
	September	5	Fall/Winter Term classes begin.
	September	8	Last day to receive applications for graduation: Autumn Convocation.
	September	9	First day of first-term, first-quarter ('Q') courses. (Kinesiology)
	September	10	WEB Registration for Fall/Winter term ends.
	September	13	Last day to add a first-term first quarter ('Q') course (Kinesiology).
			Last day for late registration.
			Last day to add a full course, a first-term half course, a first-term full course, or a full-year half course on campus and Distance Studies.
*	September	15	Deadline to apply for relief against a final grade in a Summer Day course.
	September	20	Last day to drop a first-term first quarter ('Q') course without academic penalty (Kinesiology).
	October	1	Last day for students on exchange or a letter of permission to submit transcripts for graduation at Autumn Convocation.
			Last day to withdraw application for graduation: Autumn Convocation.
			(Note: If this date falls on a Saturday or Sunday, the deadline will be the Friday before)

The University of Western Ontario
Academic Calendar Sessional Dates 2013

	October	14	Thanksgiving Holiday.
*	October	15	Deadline to apply for relief against a final grade in a Spring/Summer Distance Studies course. Last day to drop a first-term half course or a first-term full course (2013-14 Fall/Winter Term) without academic penalty. Last day to receive admission applications: Medicine for 2014.
	October	21	First day of first-term second quarter ('R') courses (Kin).
	October	24 - 25	Autumn Convocation.
	October	25	Last day to add a first-term second quarter ('R') course (Kin).
*	November	1	Last day that students registered in 'W' accelerated language courses may transfer to the equivalent full-year course with the permission of their Faculty. Last day to receive official transcripts for courses taken on Letters of Permission during the academic year 2012-13 and the Spring/Summer Terms of 2013. Last day to receive admission applications: Law for 2014.
	November	1	Last day to drop a first-term second quarter ('R') course without academic penalty (Kin).
*	November	30	Last day to drop a full course and full-year half course [on campus day and evening and Distance Studies] without academic penalty.
*	December	1	Last day to receive admission applications: Dentistry for 2014. Last day to receive admission applications, transcripts, and supporting documentation: Education for 2014. (If December 1st falls on a week-end or holiday, then the deadline date will be decided by the Association of Education Registrar's of Ontario)
	December	4	Fall/Winter Term classes end.
	December	5 - 6	Study Days.
	December	7 - 18	Mid-year examination period.
	December	19	First term ends for all Faculties except Dentistry, Education, Law and Medicine.

SESSIONAL DATES - Dentistry
2012-2013

2012

Days, Duration	Dates	Classes/Exams/Activity/Stat Holidays
Tues – Fri (4 days)	Aug. 28 – Aug 31	Clinic Orientation, Year 3 & ITD 1 students
Fri	August 31	White Coat Ceremony
Mon	September 3	Labour Day, No Classes Scheduled
Tues	September 4	UWO/DSS Orientation Day, Year 1 (No classes); Regular Class and Clinics commence – Year 2, Year 3/ITD1, Year 4/ITD2
Wed	September 5	Year 1 Classes Commence
Thur - Sun	Sept 27 – 30th	Homecoming
Monday	October 8	Thanksgiving - No Classes Scheduled
Sat	December 1	Last Day for receiving admission applications for Year 1 Dentistry
Fri	November 30	Classes End – Fall Term
Mon-Fri Mon-Fri Mon, Tue (13 days)	December 3 – 19	Exam Period – All Years

2013

Mon	January 7	Winter Term Commences - All Years
Tues	February 19 – March 1	Supplemental Exams – 4th year, ITD2
Mon	February 18	Family Day
TBA	March (TBA)	NDEB Examinations (Written & OSCE) Year 4 / ITD2 students

Mon-Fri	March 11 – 15	Study Week
Fri	March 29	Good Friday
Fri	May 3	Winter Term Ends – Year 2, 3, ITD 1, Year 4, ITD2
Mon-Fri Two Weeks (14 days)	May 6 – 17	Final Examinations, Year 2, Year 3 / ITD1 students
Mon	May 20	Victoria Day
Tues	May 21	Winter Term Ends – Year 1
Thurs-Fri, Mon-Fri	May 23 – 31	Final Examinations – Year 1
Mon-Thurs 5 weeks	May 27 – June 27	Summer Clinic – Year 3 / ITD1
Wed	Jun 19 (tentative)	Spring Convocation (tentative)
Mon-Fri Mon-Fri (8 days)	Jul 8 - 19th	Supplemental Exams Years, 1, 2, 3, ITD1
Tues	Jul 2	Application Deadline for Year 2 admissions (transfers)

Sessional Dates 2012-13 – Faculty of Education

2012	
August 30 & 31	Registration and Orientation
September 3	Labour Day
September 4	Classes Begin
September 4-10	1st term Add/Drop
October 8	Thanksgiving
October 9-November 16	Practice Teaching (weeks 1-6)
November 19	Classes Resume
December 14	Exam Day
December 17-January 1	Vacation
2013	
January 2	Classes Resume
January 2-8	2nd term Add/Drop
February 18	Family Day
March 1	Exam Day
March 4-April 26	Practice Teaching (weeks 7-12)
March 11-15	Spring Break
March 29/April 1	Good Friday/Easter Monday
April 29-May 10	Transition to Professional Practice

FACULTY OF LAW – SESSIONA DATES 2012 - 2013

2012

September 3	Labour Day Holiday
September 4	Fall Term Begins
September 4 - 10	Fall Term Add/Drop Period
October 8	Thanksgiving Day Holiday
October 25 - 26	Fall Convocation
November 30	Fall Term Classes End
December 2 - 13	Fall Term Examination Period
December 13	Fall Term Ends

2013

January 7	January Term Begins (1st Year Law)
January 7	January Term Begins (Upper Year Law)
January 7 - 8	January Term Add/Drop Period
February 1	January Term Ends
February 4 - 8	Law Study Week
February 11	Spring Term Begins
February 11 - 15	Spring Term Add/Drop Period
February 18	Family Day Holiday
March 29	Good Friday Holiday
March 26 - April 2	Passover
April 17	Spring Term Classes End
April 18 - 30	Spring Term Examination Period
April 30	Spring Term Ends
June TBD	Spring Convocation

Sessional Dates MD Program 2012-13

2012	**MD Program**
August 29, 30	Year 1 Orientation
September 3	Statutory Holiday – Labour Day
September 4	Classes Begin all 4 years
October 8	Statutory Holiday – Thanksgiving
December 17-21	Assessment Year 1
December 22	Term Ends Years 1, 2 & 4
2013	
January 7	Year 4 Transition Period Begins
January 7	Years 1 & 2 Classes Resume
January 14-18	Assessment Year 2
February 18	Statutory Holiday – Family Day
March 11 – 15	Years 1 & 2 & 3 Vacation
March 29	Statutory Holiday – Good Friday
April 26	Year 4 Classes End (inc ACLS)
May 17	Convocation
May 20	Statutory Holiday – Victoria Day
May 21– May 24	Year 1 Assessment
May 27– June 7	Year 1 Rural & Regional Week
June 3 - 7	Year 2 Assessment Week
June 7	Years 1 & 2 Term Ends
August 23(Friday)	Year 3 Clerkship Teaching Ends