December 1, 2016

TO: Members of Undergraduate Council

FROM: Tamara Bates
Governance Advisor and Assistant University Secretary

RE: Notice of Meeting

The next meeting of Undergraduate Council will be held on **Tuesday, December 6, 2016 at 2:30 p.m., in the Council Room, Gilmour Hall (GH 111)**. The items of business to be discussed are outlined on the agenda provided with this meeting notice.

Should you be unable to attend the meeting, please notify the University Secretariat at extension 24337 or e-mail univsec@mcmaster.ca
McMaster University
UNDERGRADUATE COUNCIL

Tuesday, December 6, 2016 at 2:30 p.m.
in the Council Room (GH 111)

AGENDA

I MINUTES of the meeting of October 4, 2016 (attached – for approval)

II BUSINESS ARISING

III CHAIR’S REMARKS

IV REPORT FROM CURRICULUM AND ADMISSIONS COMMITTEE (attached – for approval)

i. Arts & Science Program
ii. Faculty of Business
iii. Faculty of Engineering
iv. Faculty of Health Sciences
v. Faculty of Humanities
vi. Faculty of Science
vii. Faculty of Social Sciences
viii. General Academic Regulations

V DISCOVERY CREDITS (to be circulated – for approval)

VI REPORT FROM AWARDS COMMITTEE (attached – for review/approval)

For Approval
i. Terms of Award for New Awards
ii. Changes to Terms of Awards
iii. New Bursaries
iv. Changes to Terms of Bursaries

For Information
v. Award Name Changes
vi. Award Value Changes

VII REPORT FROM THE UNDERGRADUATE COUNCIL EXECUTIVE COMMITTEE – Terms of New Awards (attached – for approval)

VIII REPORT FROM CERTIFICATES AND DIPLOMAS COMMITTEE – Closure of Technology Diploma and Technology Leadership Diploma (attached – for approval)

IX SESSIONAL DATES (attached – for approval)

X OTHER BUSINESS
McMaster University

UNDERGRADUATE COUNCIL
Tuesday, October 4, 2016 at 2:30 p.m.
Council Room (Room 111), Gilmour Hall

PRESENT: Dr. L. Campbell (Chair), Dr. T. Alway, Dr. R. Cameron, Dr. L. Carter, Dr. R. Chen, Dr. C. Churchill, Mr. T. Daly, Dr. M. Farquharson, Dr. D. Harnish, Mr. K. Hurst, Ms M. Khalid, Ms V. Lewis, Mr. J. Liu, Dr. J. McDermid, Dr. A. Moro, Ms M. Pool, Mr. A. Ramadori, Ms A. Recio-Greenwell, Dr. S. Sarkar, Mr. S. Van Koughnett, Dr. J. Wilson, Ms T. Bates (Governance Officer and Assistant University Secretary)

INVITED: Mr. R. Narro Perez, Ms A. Thyret-Kidd

REGRETS: Dr. S. Searls Giroux

I MINUTES

On a motion duly moved and seconded, the minutes of the meeting held on September 13, 2016 were approved.

II BUSINESS ARISING

i. Awards with Insufficient Funds in the Undergraduate Calendar

Dr. Chen explained that she is the incoming chair of the Awards Committee and the membership this year is entirely new, so there are no Committee members present who were part of the discussion about awards with insufficient funds. In the past, some awards that had insufficient funds were removed from the Undergraduate Calendar. The awards then were “lost” for a short time and when they were “found” it was determined that the funds had grown to a level that would enable them to be allocated to students again and were returned to the Calendar. This raised a question about how best to manage awards with insufficient funds in the Calendar.

There is a disclaimer in the Calendar that indicates that all awards are not necessarily awarded in a given year. However, there had been some concern that this may be disingenuous and students hoping for an award may be disappointed. On the other hand, removing an award from the Calendar and “parking” it may run the risk of having awards get lost in the transition and the task of updating the Calendar from one year to the next would become more difficult and time consuming.

Council discussed this issue at length; some members were in favour of leaving all awards in the Calendar with a disclaimer that some awards may not be awarded every year. Others thought it would be best to “park” the awards that could not be awarded. There was concern that adding a disclaimer that an award did not have sufficient funds to be awarded may upset the donors. It was clarified, however, that the disclaimer
would be a general disclaimer for all awards and would not highlight individual ones. There was also some concern that students may go to the trouble of applying for an award only to learn that it is not available that year. However, students apply for awards through Mosaic and only the awards available are listed in the Mosaic application tool in a given year, so there will be little chance that a student will do a lot of work preparing an application for an award that is not available.

Members agreed that the matter shall be referred back to the Awards Committee, with the recommendation that stronger disclaimer language is used coupled with a strong directive to check Mosaic for awards available in the current year, and that consideration shall be given to the placement of that disclaimer, especially in the on-line Calendar.

III  CHAIR’S REMARKS

The Chair had no remarks.

IV  REVISIONS TO ACADEMIC ACCOMMODATIONS POLICY

Mr. Van Koughnett informed Council that the revisions to the Academic Accommodations Policy are withdrawn, but it will be ready for the December meeting of Undergraduate Council. There had been some late feedback received that revealed that the draft revisions will need additional work.

In response to questions, Council heard that the draft can be widely circulated for additional feedback; however, the preference is to have feedback gathered and sent to Mr. Van Koughnett in a focussed manner. Perhaps one person in each Faculty can be designated to receive and pass on feedback. The deadline for feedback is tight. The expectation, right now, is that the final date for revisions will likely be in mid-November so that the Policy can go to Graduate Council in November and to Undergraduate Council in December.

A member expressed concern about being able to have a proper discussion at Undergraduate Council. Although several groups have already reviewed the draft, this would be the first time the undergraduate student representatives to Undergraduate Council will have seen it. It was asked if the student members will have an opportunity at the December Undergraduate Council meeting to review the draft and respond fully. It was noted that if at the December meeting there are still key issues that need to be addressed, the Policy will simply need to come back to a subsequent meeting.

There was some concern that earlier reviewers and consultants who have already endorsed the revisions, may not agree with changes made following subsequent feedback. On the other hand, it was noted that returning subsequent changes to previous reviewing groups would lead to never-ending revisions.

Given that Council does not have a draft policy to discuss and Sue Baptiste, who is leading the group doing the revisions, is not present, there is little point in discussing the matter further.

It was suggested that Undergraduate Council and Graduate Council could meet together, perhaps with Student Accessibility Services and other stakeholders, and a presentation...
can be given so everyone hears and has the same information. Ideally both Councils would vote on the revisions at that time. There was some discussion about the possibility of holding such a joint meeting and what might be involved. The suggestion will be taken to the School of Graduate Studies to try to organise such a meeting. It may not be that the policy can be approved at this meeting, but it would provide a broad and coordinated discussion of the revisions to the Policy.

V REPORT ON AD HOC COMMITTEE ON ACADEMIC STRUCTURES FOR STUDENT SUCCESS (CASS) AND AD HOC COMMITTEE ON PROGRAMMING FOR THE ARTS AND SCIENCE FACULTIES (PASF)

Ms Thyret-Kidd joined the meeting. The terms of reference and membership of the Undergraduate Council Ad Hoc Committee on Academic Structures for Student Success (CASS) were approved at the last meeting of Undergraduate Council. The Committee was struck in response to the Warner Report and will perform a full review of the Academic Regulations. The terms of reference for this Committee are not very different from those of the Undergraduate Council Ad Hoc Committee to Review the Academic and Programme Regulations, which was struck when academic regulations were last reviewed 25 years ago. The Committee has been meeting since August and it is expected that there will be report ready to submit to Undergraduate Council early 2017.

The terms of reference for the Committee on Programming in the Arts and Science Faculties (PASF), which is chaired by Dr. Searls Giroux, were circulated. There will be a lot of crossover in the work of these two committees. The Warner Report included a series of recommendations that were given significant consideration. In the end, the University decided not to explore the merging of any of the three Faculties at this time, but many other ideas and recommendations were thought to have merit. The Committee on Programming in the Arts and Science Faculties was struck to review some of those recommendations. Of particular interest are the recommendations surrounding promoting students’ abilities to acquire certain core competencies within their program, while exploring areas of study outside of their area to attain a broader interdisciplinary education. The Committee is examining the barriers at McMaster to the kind of broad exploration across programs that such interdisciplinary education would entail.

The Committee on Programming in the Arts and Science Faculties is working under a deadline to make recommendations to the Joint Arts Science Council by February 1, 2017. Their recommendations will also be brought to Undergraduate Council in the new year with the report from the Committee on Academic Structures for Student Success.

VI DISCOVERY CREDITS

Mr. Rodrigo Narro Perez joined the meeting. He has worked, together with Jacob Brodka, to promote the concept of freedom or discovery credits that have been put in place at other universities. Discovery credits will enable students to explore areas of interest outside of their degree areas without jeopardising their GPA if they do not do well in the course.

Most universities in Canada and many internationally have this kind of program. Courses are taken on a pass/fail basis, within certain limitations. Students can use only electives as
discovery credits and they cannot be used for core program courses. Other universities limit the number of discovery credits to a maximum of 4 courses (12 units). Students must be in good standing. Students will also need to be made aware that there are a number of consequences to discovery credits. For example, there is a limit to the number of pass/fail courses a student may have to be eligible for awards, scholarships and financial aid; discovery credits may also affect admissions to graduate-level study or medical school.

A survey of other universities that offer this type of program shows that there are different grade options that are awarded. Universities grade the course variously as pass/fail, credit/no credit, or satisfactory/unsatisfactory; the University of British Columbia uses a credit/D/fail (CDF) scale.

At UBC, the CDF courses were implemented in 2010 and a two-year review was required. In 2012, an additional two-year report was requested, after which there was overall support to continue program without changes. Students in the Faculties of Arts and Sciences students took most advantage of the CDF courses; however, these Faculties also had the most courses available to be taken as CDF courses. Only 2% of engineering courses were available. Feedback from students indicated that if they had known earlier in their undergraduate career, it might have changed their approach to or the direction of their studies.

At McMaster such a program can be implemented in a variety of ways. Many universities have administrative software that is used to administer the courses, others use a paper form. It is possible to implement this using Mosaic. Some schools require the approval of the instructor, but in most cases the instructor does not know that a student is taking the course as a discovery credit.

A member noted that the University of British Columbia medical school does not accept students who have a pass/fail course on their transcript, which is odd given they have a similar program. This was the only problem students in McMaster’s Bachelor of Health Sciences program experienced with the pass/fail courses built into the program.

In response to questions, Council heard that admission to graduate studies is often based on the GPA for program courses, not electives. There would be limits set on how many discovery credits a student can take over the duration of their program; the requirements vary at other universities, but the recommendation is that students can take a maximum of four courses (12 units) as discovery credits, with no more than two courses per year, and students must be in Level II and above. Some other schools allow students to change their mind and convert their grade back to a mark part way through the course. One school with do this retroactively under certain circumstances. At all but one university, instructors do not know which students are taking the course for credit and which are taking it as a discovery credit. The instructor submits the grades as per usual and then the system translates it into a pass/fail as is appropriate. Level I students are not eligible for discovery credits largely because they need their required graded courses to get into their programs. Faculties can choose whether or not to allow their students to take discovery credits, as some programs may effectively prevent this kind of flexibility. Similarly, some Faculties may also opt not to offer courses to students as discovery credits.

Members of the Ad Hoc Committee on Programming in the Arts and Science Faculties
were in agreement that this initiative should be moved forward and did not include further review of the program in their mandate. Ms Thyret-Kidd was asked to put together a small working group to determine what form the discovery credit should take and what would be required to administer the program, and then to take the proposal through the various approval bodies. There are really two pieces of this proposal: the regulations as they would appear in the Undergraduate Calendar and how to do it in Mosaic.

Members insisted that this has to be anonymous, and that instructors cannot know that a student is taking a course as a discovery credit. Others pointed out that Mosaic cannot currently do this and this initiative cannot be moved forward until it ca. Ms Pool said that she is confident that if this is a priority at the University and with time and resources, the necessary changes will be made.

VII    OTHER BUSINESS

There being no other business, the meeting was adjourned at 3:53 p.m.
REPORT TO UNDERGRADUATE COUNCIL
FROM THE
UNDERGRADUATE COUNCIL CURRICULUM AND ADMISSIONS COMMITTEE

FOR APPROVAL

(a) Curriculum Revisions for Inclusion in the 2017-2018 Undergraduate Calendar
At its meetings of November 22 and November 23, 2016, the Undergraduate Council Curriculum and Admissions Committee approved, for recommendation to Undergraduate Council, curriculum revisions for inclusion in the 2017-2018 Undergraduate Calendar.

- Arts and Science Program (Attachment I)
- Faculty of Business (Attachment II)
- Faculty of Engineering (Attachment III)
- Faculty of Health Sciences (Attachment IV)
- Faculty of Humanities (Attachment V)
- Faculty of Science (Attachment VI)
- Faculty of Social Sciences (Attachment VII)
- General Academic Regulations (Attachment VIII)

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve, for recommendation to Senate, the establishment of the Combined Honours Bachelor of Arts and Science in Arts and Science and Indigenous Studies, for inclusion in the 2017-2018 Undergraduate Calendar, as recommended by the Arts and Science Program, and outlined in Attachment I.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve, for recommendation to the University Planning Committee, the closure of the Honours Bachelor of Engineering in Software Engineering – Embedded Systems program, effective September 2017, as recommended by the Faculty of Engineering, and outlined in Attachment III.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve, for recommendation to the University Planning Committee, the closure of the Honours Bachelor of Engineering in Electrical and Biomedical Engineering program, effective September 2017, as recommended by the Faculty of Engineering, and outlined in Attachment III.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve the change in names of the Bachelor of Technology in Automotive and Vehicle Technology to the Bachelor of Technology in Automotive and Vehicle
Engineering Technology; the Bachelor of Technology in Process Automation to the Bachelor of Technology in Automation Engineering Technology; and the Bachelor of Technology in Energy Engineering Technologies to the Bachelor of Technology in Power and Energy Engineering Technologies programs effective September 2017 as recommended by the Faculty of Engineering, and outlined in Attachment III.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve, for recommendation to the University Planning Committee, the closure of the Honours Bachelor of Science in Medical Physics program effective September 2018 as recommended by the Faculty of Science, and outlined in Attachment VI.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve, the modifications to and changes in name of the Honours Bachelor of Science in Biophysics and Honours Bachelor of Science in Biophysics Co-op programs to the Honours Bachelor of Science in Medical and Biological Physics and Honours Bachelor of Science in Medical and Biological Physics Co-op programs, for inclusion in the 2017-2018 Undergraduate Calendar, as recommended by the Faculty of Science, and outlined in Attachment VI.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve, the establishment of the Honours Bachelor of Arts in Sociology (Specialist Option) and Combined Honours Bachelor of Arts in Sociology (Specialist Option) and Another Subject programs as modifications to the existing Honours Bachelor of Arts in Sociology and Combined Honours Bachelor of Arts in Sociology and Another Subject programs for inclusion in the 2017-2018 Undergraduate Calendar, as recommended by the Faculty of Social Sciences, and outlined in Attachment VII.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve the establishment of an Interdisciplinary Minor in Muslim Studies, as recommended by the Faculty of Social Sciences, and outlined in Attachment VII.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve the establishment of an Interdisciplinary Minor in Social Justice and Inclusive Communities, as recommended by the Faculty of Social Sciences, and outlined in Attachment VII.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve the establishment of a Minor in the Social Studies of Mental Health and Addiction, as recommended by the Faculty of Social Sciences, and outlined in Attachment VII.
The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve the establishment of a Minor in Public Leadership, as recommended by the Faculty of Social Sciences, and outlined in Attachment VII.

The Undergraduate Council Curriculum and Admissions Committee now recommends,

that Undergraduate Council approve curriculum revisions for inclusion in the 2017-2018 Undergraduate Calendar, as outlined in Attachments I to VIII.

Undergraduate Council: December 6, 2016
REPORT TO SENATE

ARTS & SCIENCE PROGRAM
SUMMARY OF MAJOR CURRICULUM CHANGES FOR 2017-2018


NEW PROGRAMS:

COMBINED HONOURS PROGRAM, ARTS & SCIENCE AND INDIGENOUS STUDIES

Rationale: This new combined honours option, developed jointly with the Indigenous Studies Program (Faculty of Social Sciences), has been added to the list of Arts & Science combined honours programs. A response to President Deane’s reminder (in his 2016 Spring Convocation address) of the Calls to Action in the 2015 Report of the Truth and Reconciliation Commission of Canada that address education, it complements current curricular offerings and contributes to students’ intercultural competency.

Honours Arts & Science and Indigenous Studies

ADMISSION

Completion of Arts & Science I with a grade point average of at least 6.0, including a grade of at least C in both ARTSSCI 1C03 and ARTSSCI 1CC3.

NOTES:

1. Nine units from the following list are required: ARTSSCI 3A06, 3B03, 3BB3, one of 3L03/3S03. Students are encouraged, however, to take additional units from this list as an elective.
2. Nine units of Upper-Level Inquiry beyond Level I are required. Additional units of Upper-Level Inquiry may be included as an elective with the permission of the Director. Upper-Level Inquiry courses are: ARTSSCI 3CL3, 3CU3, 3EH3, 3GJ3, 3TR3, 4CA3, 4CB3, 4CD3, 4CF3, 4CI3, 4CK3, 4CM3, 4CP3, 4CT3, 4IH3, 4VC3.

COURSE LIST 1

BIOLOGY 1A03, 1M03; CHEM 1A03, 1AA3; ENVIR SC 1C03, 1G03; PSYCH 1XX3

COURSE LIST 2

ANTHROP 2BB3, 3Y03; CAYUGA 2Z03; CSCT 4RI3; ENGLISH 3W03, 3X03; HISTORY 2T03, 2TT3, 3CW3; MOHAWK 2Z03; OJIBWE 2Z03; PEACEST 2C03, 3B03, 3W03; PHILOS 3L03; POLSCI 2F03, 3C03, 3F03; RELIGST 2W03; SOCIOL 4RR3; SOCWORK 3Q03, 4I03

REQUIREMENTS

120 units total (Levels I-IV), of which 48 units may be Level I

24 units ARTSSCI 1A06, 1B03, 1BB3, 1C03, 1CC3, 1D06
6 units from Course List 1 (requirement must be completed by the end of Level II)
15 units ARTSSCI 2A06, 2D06, 2E03
9 units from ARTSSCI 3A06, 3B03, 3BB3; one of 3L03/3S03 (See Note 1)
9 units Upper-Level Inquiry (see Note 2)
6 units from ARTSSCI 4A06, 4C06, INDIGST 4T06
9 units INDIGST 2A03, 2B03, 2C03, 2D03, 2F03, 2G03
3 units INDIGST 2M03
6 units from INDIGST 3D03, 3E03, 3H03, 3HH3, 3J03, 3K03, 3N03
9 units Level II or III Indigenous Studies or Course List 2
6 units from INDIGST 4D03, 4HH3, 4L03, 4SH3, 4RI3, SOCWORK 4I03, SOCIOL 4RR3
3 units from CAYUGA 1Z03, MOHAWK 1Z03, OJIBWE 1Z03
15 units Electives

PROGRAM CLOSURES:
N/A

MAJOR REVISIONS:
N/A
REPORT TO UNDERGRADUATE COUNCIL

ARTS & SCIENCE PROGRAM
SUMMARY OF CURRICULUM CHANGES FOR 2017-2018


ARTS & SCIENCE PROGRAM

- Minor changes to program requirements reflect the addition and deletion of courses
- 6 new courses
- 3 deleted courses
- 1 revised course description and prerequisite

INTERDISCIPLINARY MINOR IN SUSTAINABILITY

- Minor revisions to the Interdisciplinary Minor in Sustainability description
- Addition of 12 courses to the Interdisciplinary Minor in Sustainability Course List

INTERDISCIPLINARY MINOR IN COMMUNITY ENGAGEMENT

- Addition of 4 courses to Course List A and 3 courses to Course List B
- 1 course moved from Course List A to Course List B
- Deletion of 1 course from Course List B
- 5 course title corrections on Course List A and 5 course title corrections on Course List B
This report highlights substantive changes being proposed to the undergraduate curriculum. For a complete review of all changes, please refer to the Faculty of Business Curriculum Report for Changes to the 2017-18 Undergraduate Calendar located electronically at: 

**NEW PROGRAMS**
NONE

**PROGRAM CLOSURES**
NONE

**MAJOR REVISIONS**
NONE
FACULTY OF BUSINESS
REPORT TO UNDERGRADUATE COUNCIL
SUMMARY OF CURRICULUM CHANGES FOR 2017-18

This report highlights substantive changes being proposed to the undergraduate curriculum. For a complete review of all changes, please refer to the Faculty of Business Curriculum Report for Changes to the 2017-18 Undergraduate Calendar located electronically at:

New Courses

- COMMERCE 3KE3 – Management of Enterprise Data Analytics

Revisions to Existing Commerce Courses

- Change to move our 3rd year Internship Course to 2nd year and rename to “Career Development Course”
- New name and description for COMMERCE 4KH3
- Change in prerequisites for two Commerce courses (4BN3, 4KF3)
- Change to upper year elective prerequisites to clarify participation of students in the non-Honours stream of the BCom

Courses to remain in the Academic Calendar With Special Permission

- The following courses will remain in the Calendar with the understanding that they will be offered in the next two years
  - COMMERCE 4OB3, 4BK3, 4FV3

Minor revisions to calendar text

- Updating Student Experience Office location.
- Removing references to COMMERCE 2SB3
- Removing references to Faculty Notes.
- Removing redundant/repeated text.
- Removing dated references.
- Edits for clarity and consistency.
FACULTY OF ENGINEERING
REPORT TO SENATE
SUMMARY OF MAJOR CURRICULUM CHANGES FOR 2016-17

This report highlights substantive changes being proposed. For a complete review of all changes, please refer to the Faculty of Engineering Curriculum Report for changes to the 2017-18 Undergraduate Calendar, found at: http://www.eng.mcmaster.ca/documents/CurriculumReport2016-17Engineering.pdf

NEW PROGRAMS

None

PROGRAM CLOSURES

Software Engineering – Embedded Systems

Electrical and Biomedical Engineering

MAJOR REVISIONS

Name changes for the following Bachelor of Technology Programs:

- Automotive and Vehicle Technology change to Automotive and Vehicle Engineering Technology
- Process Automation change to Automation Engineering Technology
- Energy Engineering Technologies change to Power and Energy Engineering Technologies
This report highlights substantive changes being proposed. For a complete review of all changes, please refer to the Faculty of Engineering Curriculum Report for changes to the 2017-18 Undergraduate Calendar, found at: http://www.eng.mcmaster.ca/documents/CurriculumReport2016-17Engineering.pdf

FACULTY OF ENGINEERING (General)
- One new courses

School of Engineering Practice (SEP)
- No changes

Engineering 1
- No changes

CHEMICAL ENGINEERING
- Revision of program requirements

CIVIL ENGINEERING
- Revision of program requirements
- Four course description changes

COMPUTING AND SOFTWARE
- Computer Science
  - Phasing out Honours Business Informatics (starting 2016-17) approved in 2014-15
  - Twenty-eight course description changes

- Mechatronics
  - Revision of program requirements
  - Three course description changes

- Software Engineering
  - Revision of program requirements
  - Phasing out Software Engineering (Game Design) approved in 2014-15
  - Phasing out Software Engineering (Embedded Systems)
  - Twenty-one course description changes
  - Two course deletions

ELECTRICAL AND COMPUTER ENGINEERING
- Revision of program requirements
- Phasing out Electrical and Biomedical Engineering
- Two course description changes
- Two course deletions

ENGINEERING PHYSICS
- Revision of program requirements
- Six course description changes
- One new course
- One course deletion
ENGINEERING AND MANAGEMENT
• No changes

ENGINEERING AND SOCIETY
• One course description revisions (Sustain)

MATERIALS ENGINEERING
• Fourteen course descriptions revisions
• Three new course
• Three course deletion

MECHANICAL ENGINEERING
• Ten course description revisions
• One new course

BACHELOR OF TECHNOLOGY
• 4 – year programs
  o Two program name changes
  o Minor revision of program requirements

  Degree Completion programs (DCP)
  o Program name change
  o Minor revision of program requirements

• Thirty-four description changes
• Three course renumbering
• Seven course deletion
• Eight new courses

INTEGRATED BIOMEDICAL ENGINEERING HEALTH SCIENCES - Approved in 2015-16 now adding in the calendar.
• Programs
• Courses
REPORT TO SENATE

FACULTY OF HEALTH SCIENCES
SUMMARY OF CURRICULUM CHANGES FOR 2017-18

This report highlights substantive changes being proposed. For a complete review of all changes, please refer to the Faculty of Health Sciences Curriculum Report for changes to the 2017-2018 Undergraduate Calendar, found at:

NEW PROGRAMS
NONE

PROGRAM CLOSURES
NONE

MAJOR REVISIONS
NONE
REPORT TO UNDERGRADUATE COUNCIL

FACULTY OF HEALTH SCIENCES
SUMMARY OF CURRICULUM CHANGES FOR 2017-18

This report highlights substantive changes being proposed. For a complete review of all changes, please refer to the Faculty of Health Sciences Curriculum Report for changes to the 2017-2018 Undergraduate Calendar, found at: http://fhs.mcmaster.ca/main/documents/health_sciences_curriculum_report_2017_18.pdf

BACHELOR OF HEALTH SCIENCES (HONOURS) PROGRAM
- Revisions to Program Overview
- Revisions to Admission Procedures & Requirements
- Revision to Curriculum
  - BHSc(H)
    - Level IV
  - BHSc(H) – Biomedical Sciences Specialization
  - BHSc(H) – Child Health Specialization
  - BHSc(H) – Global Health Specialization
- New courses
- Course deletions
- Changes to existing courses

HONOURS BACHELOR OF HEALTH SCIENCES IN BIOMEDICAL DISCOVERY AND COMMERCIALIZATION PROGRAM
- Revision to Program Overview
- Revision to Admission Requirements
- Revision to Academic Regulations
  - Minor
  - Continuation in the Program
  - Letters of Permission
  - Level of Registration
  - Reinstatement to Program
  - Registration and Course Changes
  - Academic Counselling
- Revision to Curriculum
  - Program notes 3 and 4 were approved last year, but not in paper calendar
  - Level IV
- Changes to existing courses

INTEGRATED BIOMEDICAL ENGINEERING AND HEALTH SCIENCES PROGRAM (IBEHS) – Approved 2016
- Calendar description

UNDERGRADUATE MEDICAL PROGRAM
- Program Description
- Revision to Curriculum
  - Learning Methods
  - Student Assessment Methods
  - Professional Competencies
Electives
  MD/Ph.D. Program

Revisions to Requirements
  Basic Life Support Training
  Police Records Check

Revision to Admission Process
  Application
  Academic Eligibility Requirements
  Aboriginal Applicants
  Geographical Consideration
  Transcript Requirements and Transcript Request Forms (TRF)
  Graduate Students
  Credentialing of Non-Canadian Grades
  English Language Proficiency
  Selection
  Application for Deferred Registration
  Financial Information

BACHELOR OF SCIENCE NURSING PROGRAM
  Revision to Admission Requirements
    Transfer Credits prior to Admission
    Deposit
  Revision to Academic Regulations
    Remove redundancy regarding dropped courses
    Overhaul of BScN Program Academic Regulations
  Revision to Program Curriculum
    BScN Basic (A) Stream
      Level I
    BScN Post Diploma RPN (E) Stream
      Electives
      Level II
    BScN Basic – Accelerated (F) Stream
      Level III
    Aboriginal Section Post Diploma RPN (E) Program Stream – Mohawk Site
    Leadership and Management Program

New courses
Course deletions
Changes to existing courses

CHILD LIFE STUDIES DIPLOMA
  Calendar copy to be deleted. Diploma was closed September 2016 and replaced by the Masters of Sciences in Child Life and Pediatric Psychosocial Care

BACHELOR OF HEALTH SCIENCES MIDWIFERY PROGRAM
  Revisions to Admissions
    General
    Applicants Directly from Ontario Secondary Schools
    Applicants from Ontario Secondary Schools
    Prior Midwifery Education or Experience
    Transfer Credit
    Selection Procedure
Applications for Deferred Registration
- Unsuccessful Applicants
- Application Deadline
  - Changes to existing courses

BACHELOR OF HEALTH SCIENCES PHYSICIAN ASSISTANT PROGRAM
- Revision of Admission Requirements
- Revision to Admission Procedure
- Revision to Financial Information

MEDICAL RADIATION SCIENCES PROGRAM
- Update on descriptive paragraph
REPORT TO SENATE  
FACULTY OF HUMANITIES  
SUMMARY OF MAJOR CURRICULUM CHANGES FOR 2017-18

NEW PROGRAMS  
None

MAJOR REVISIONS  
None

DELETION OF A PROGRAM  
None

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For a complete review of all changes, please refer to the November 2016 Faculty of Humanities Report to Undergraduate Council for changes to the 2017-2018 Undergraduate Calendar, found at:  
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REPORT TO UNDERGRADUATE COUNCIL

FACULTY OF HUMANITIES
SUMMARY OF CURRICULUM CHANGES FOR 2017-18

This report highlights substantive changes being proposed. For a complete review of all changes, please refer to the November 2016 Faculty of Humanities Report to Undergraduate Council for changes to the 2017-2018 Undergraduate Calendar, found at: http://www.humanities.mcmaster.ca/wp-content/uploads/2015/09/Humanities-Curriculum-17-18-Report-to-Faculty_November-2016.pdf

1. SCHOOL OF THE ARTS
   • Art:
     ○ Addition of 1 new course (ART 2Z03, cross-listing)
     ○ Revision to 8 existing courses (ART 1MI3, 1TI3, 2DP3, 3GS3, 3PB3, 4AR3, 4EP3, 4PR3)
     ○ Addition to program and course notes to clarify recommended course progression, and inclusion of current course offerings in course program lists
   • Art History:
     ○ Addition of 2 new courses (ARTHIST 2AA3, 2FL3)
     ○ Revision to 1 existing course (ARTHIST 3P03)
     ○ Deletion of 1 course (ARTHIST 3FL3)
     ○ Addition to notes regarding recommended coursework
   • Music:
     ○ Revision to programs requirements, notes and course lists to reflect course changes
     ○ Addition of 12 new courses (MUSIC 1CA3, 1CB3, 1DA3, 1DB3, 1MH3, 2CA3, 2CB3, 2DA3, 2MH3, 3J13, 3KK3, MUSICCOG 3SP3)
     ○ Revision to 10 existing courses (MUSIC 2CC3, 2Z03, 3CM3, 3CT3, 3H03, 3J03, 3O03, 4C03, 4H03, 4Y03)
     ○ Deletion of 8 courses (MUSIC 1B03, 1BB3, 1C03, 1CC3, 1D03, 3Y03, 3YY3, MUSICCOG 3MP3)
   • Theatre & Film Studies:
     ○ Updating of program and departmental course lists, and minimal changes to requirements from course lists, to reflect current offerings
     ○ Addition of 3 new courses (THTRFLM 2FF3, 2Z03, 3S06)
     ○ Revision to 1 existing course (THTRFLM 3PC3)
     ○ Deletion of 2 courses (THTRFLM 3FF3, 3S03)

2. CLASSICS
   • Revision to existing course (CLASSICS 1M03), with reimplementation of cross-list
   • Updating of departmental course lists

3. COMMUNICATION STUDIES AND MULTIMEDIA
   • Communication Studies:
     ○ Addition of 3 new courses (CMST 2HM3, 2RA3, 2TM6)
     ○ Revision to 1 existing course (CMST 1A03)
     ○ Deletion of 3 courses (CMST 2A03, 2B03, 2C03)
     ○ Revision to program requirements, notes and course lists, to reflect course changes
   • Multimedia:
     ○ Revision to 2 existing courses (MMEDIA 2G03, 3L03)
     ○ Deletion of 1 course (Mimedia 3A03)
     ○ Additional clarification to program notes and course lists
4. DEPARTMENT OF ENGLISH AND CULTURAL STUDIES
   - Addition of 7 new courses, replacing previous six-unit courses (ENGLISH 2BL3, 3CL3, 3EC3, 3RW3, 3VC3, 3WE3, 4IP3)
   - Deletion of 5 courses (ENGLISH 2I06, 3G06, 3M06, 3S03, 4WW3)
   - Revision to 2 existing courses (ENGLISH 3R06, ENGLISH/CSCT 3GF3)
   - Updating of course requirement lists, to reflect current offerings

5. DEPARTMENT OF FRENCH
   - Deletion of 1 course (FRENCH 4V03), and removal of course from Area course list

6. DEPARTMENT OF HISTORY
   - Introduction of 7 new courses (HISTORY 2KK3, 2NN3, 3HQ3, 3RU3, 4HP3, 4KK3, and reintroduction of 1M03 cross-list)
   - Revision to 3 existing courses (HISTORY 2CS3, 2EN3, 3DD3)
   - Deletion of 1 course (HISTORY 3HP3)
   - Updating program course lists and departmental notes to reflect current offerings

7. FACULTY OF HUMANITIES
   - Updating of Level 1 course lists to reflect current offerings, and deletion of previous year requirements
   - Revision to 8 existing courses (HUMAN 1QU3, 1VV3, 2DH3, 3LM3, 3W03/4W03, 4BU3, 4LM3)
   - Additional clarification to Notes relating to Minor requirements, Level II Application, Faculty Contacts

8. DEPARTMENT OF LINGUISTICS AND LANGUAGES
   - Addition of 4 new courses (GERMAN 2N03, LINGIUST 3F03, 4NN3, 4PL3)
   - Revision to 16 existing courses (ITALIAN 1A03, 1AA3, 1Z06, 2Z03, 2ZZ3, 3X03, 3Z03, LINGUIST 1AA3, 2L03, 2LL3, 2PS3, 2S03, 3M03, 3NL3, 4EL3, 4Y06)
   - Deletion of 3 courses (GERMAN 2S03, 3N03, 3PL3)
   - Revision to program notes to reflect program changes in combination with other subject
   - Updating of departmental notes to reflect current course offerings

9. PEACE STUDIES
   - Addition of 1 new course (PEACEST 4M06)
   - Revision to 1 existing course (PEACEST 2B03)
   - Deletion of 1 course (PEACEST 4E06)
   - Updating of program notes and course lists to include current offerings, for both Combined BA and Minor options, and new reference to program recommendations

10. DEPARTMENT OF PHILOSOPHY
    - Revision to 15 existing courses (PHILOS 2P03, 2YY3, 3HH3, 3O03, 4B03, and minimal changes to 3B03, 3D03, 3E03, 3EE3, 3L03, 3N03, 3NN3, 3P03, 3Q03, 3YY3)
    - Deletion of 1 course (PHILOS 3J03) and reintroduction as new PHILOS 2JP3
    - Revision to Minor requirements, to increase course flexibility
    - Housekeeping updates to program notes
11. WOMEN’S STUDIES
   - Updating of Minor course list and departmental notes
REPORT TO SENATE  
FACULTY OF SCIENCE  
SUMMARY OF MAJOR CURRICULUM CHANGES FOR 2017-2018

Below, is the summary of substantive curriculum changes being proposed by the Faculty of Science. For a complete review of all changes, refer to the November, 2016, Report of the Academic Planning and Policy Committee for changes to the 2017-2018 Undergraduate Calendar, found at: [http://www.science.mcmaster.ca/associatedean/documents/APPC_2017.pdf](http://www.science.mcmaster.ca/associatedean/documents/APPC_2017.pdf)

Additionally, substantive amendments to existing course capacities and categories are included for information only and can be found in the Changes to Existing Courses sections of the Departments and Schools.

1.0 NEW PROGRAMS:

None

2.0 PROGRAM CLOSURES/MERGER:

See attached memo from Dr. Bruce Milliken, Acting Dean of Science

3.0 MAJOR REVISIONS:

3.1 Honours Medical and Biological Physics (B.Sc.)

**Admission Notes**

1. Completion of BIOLOGY 1A03, CHEM 1AA3 and MATH 1B03 is required by the end of Level II. Completion in Level I is strongly recommended. BIOLOGY 1M03 is also recommended.

2. Completion of BIOPHYS 1S03 or MEDPHYS 1E03 is recommended in Level I.

**Admission**

Completion of any Level I program with a Grade Point Average of at least 5.0 including:

- 6 units from
  - MATH 1A03 - Calculus For Science I
  - MATH 1AA3 - Calculus For Science II
  - MATH 1L33 - Calculus for the Life Sciences I
  - MATH 1LT3 - Calculus for the Life Sciences II
  - MATH 1X03 - Calculus for Math and Stats I
  - MATH 1XX3 - Calculus for Math and Stats II
  - MATH 1ZA3 - Engineering Mathematics I
  - MATH 1ZB3 - Engineering Mathematics II-A

- 3 units from
  - PHYSICS 1A03 - Introductory Physics
  - PHYSICS 1C03 - Physics for the Chemical and Physical Sciences
• PHYSICS 1D03 – Introductory Mechanics

3 units from
• BIOPHYS 1S03 - Biophysics of Movement and the Senses: From Microbes to Moose
• MEDPHYS 1E03 – Physics in Medicine and Biology
• PHYSICS 1AA3 - Introduction To Modern Physics
• PHYSICS 1CC3 - Modern Physics for the Chemical and Physical Sciences
• PHYSICS 1E03 – Waves, Electricity and Magnetic Fields

3 units from
• CHEM 1A03 - Introductory Chemistry I
• CHEM 1E03 - General Chemistry for Engineering I

3 units from
• BIOLOGY 1A03 - Cellular and Molecular Biology
• CHEM 1AA3 - Introductory Chemistry II
• MATH 1B03 - Linear Algebra I
• MATH 1ZC3 – Engineering Mathematics II-B

6 units from
• the Science I Course List (See Admission Notes 1 and 2 above.)

Program Notes
1. Completion of PHYSICS 2G03 is required by the end of Level III and is recommended in Level II.
2. Students interested in medical physics or health physics, especially those considering postgraduate studies in these areas should take 12 units from Medical Physics Focus List A. These courses also contribute to the core knowledge and learning objectives required by the Commission on Accreditation of Medical Physics Education Programs.
3. Students interested in biochemistry in particular those interested in postgraduate studies in this area should take 12 units from the Biochemistry Focus List B.
4. Students interested in physics and soft matter physics, especially those considering postgraduate studies in these areas should take 12 units from Physics of Soft Matter Focus List C.
5. Completion of either BIOCHEM 2B03 and 2BB3 or BIOCHEM 2EE3 and 3G03 is required, however, BIOCHEM 2E03 and 3G03 are recommended.

Course List A – Medical Physics Focus
• KINESIOL 2YY3 – Human Anatomy and Physiology II
• MEDPHYS 3C03 - Operational Health Physics: Laboratory & Communication
• MEDPHYS 4D03 - Imaging in Medicine and Biology
• MEDPHYS 4F03 - Fundamentals of Health Physics
• MEDPHYS 4I03 – Introduction to Biophotonics
• MEDPHYS 4RB3 - Radiation and Radioisotope Methodology
• MEDPHYS 4U03 – Radiation Biology

Course List B – Biochemistry Focus
• BIOCHEM 3BP3 - Practical Bioinformatics in the Genomics Era
• BIOCHEM 4LL3 - Biotechnology and Genetic Engineering Laboratory
• BIOCHEM 4N03 - Molecular Membrane Biology
• BIOLOGY 2B03 - Cell Biology
• BIOPHYS 3D03 – Origin of Life

**Course List C – Physics of Soft Matter Focus**

- PHYSICS 2B03 - Electricity and Magnetism I
- PHYSICS 2C03 - Modern Physics
- PHYSICS 2G03 - Scientific Computing

(See **Program Note 1** above)

6 units
- MATH 2X03 - Advanced Calculus I
- MATH 2C03 - Differential Equations

3 units
- BIOPHYS 2S03 - Explorations in Medical and Biological Physics

3 units
- KINESIOL 2Y03 – Human Anatomy and Physiology I

3 units from
- BIOCHEM 2B03 – Nucleic Acid Structure and Function
- BIOCHEM 2EE3 - Metabolism and Physiological Chemistry

(See **Program Note 5** above.)

0-6 units from the following courses, if not completed in Level I
- BIOLOGY 1A03 - Cellular and Molecular Biology
- CHEM 1AA3 - Introductory Chemistry II
- MATH 1B03 - Linear Algebra I

0-6 units
- Electives

**Level III: 30 units**

6 units
- PHYSICS 3MM3 - Quantum Mechanics I
- PHYSICS 3K03 - Thermodynamics and Statistical Mechanics

3 units
- MATH 3C03 - Mathematical Physics I

3 units
- BIOPHYS 3S03 - Soft Condensed Matter Physics

3 units from
- PHYSICS 3H03 A/B - Intermediate Laboratory
- PHYSICS 3D03 A/B – Inquiry in Physics
3 units from
- BIOCHEM 2BB3 - Protein Structure and Enzyme Function
- BIOCHEM 3G03 - Proteins and Nucleic Acids
(See Program Note 5 above.)

3 units from
- Course Lists A, B, C

3 units
- MEDPHYS 4B03 - Radioactivity & Radiation Interactions

6 units
- Electives

**Level IV: 30 units**

9 units
- BIOPHYS 4S03 - Introduction to Molecular Biophysics
- MEDPHYS 4RA3 - Radiation & Radioisotope Methodology
- MEDPHYS 4T03 - Clinical Applications of Physics in Medicine

9 units from
- Course Lists A, B, C

12 units
- Electives

**Justification:**

Currently, the Faculty offers Honours Biophysics and Honours Medical Physics programs, each with relatively low enrolment. (Biophysics, including the Co-op option, has a total enrolment of 14. Medical Physics, including Co-op, has 51.) Given the overlap between these two disciplines, one merged program, emphasizing the teaching and research strengths of both areas, will be launched in 2017. The existing Medical Physics programs will be phased out, with last entry into Level 2, in September 2017. However, if all students prefer the merged program, the Medical Physics program would not take any new entry in September 2017. The existing Honours Biophysics program will be cancelled and Level I students will be directed toward the merged program. Courses would continue to be offered to ensure current cohorts can graduate from the Honours Medical Physics and Honours Biophysics programs.

3.2 Honours Medical and Biological Physics Coop (B.Sc.)

*Program is first available in September 2018.*

**Admission Note**

**Enrolment in this program is limited.** Selection is based on academic achievement and an interview but requires, as a minimum, submission of the on-line application by the stated deadline, and completion of Level II Honours Medical and Biological Physics with a Grade Point Average of at least 5.0. Information about the program and the selection procedure may be obtained from Science Career and Cooperative Education Office and the Chair of the Committee of Instruction.

**Program Notes**

1. This is a five-level (year) co-op program which includes two eight-month work terms which must be spent in biophysics related placements.
2. Students must be registered full-time and take a full academic work load as prescribed by Level and Term.
3. Students are required to complete SCIENCE 2C00 before the first work placement and are recommended to complete this course in Level II.
4. Completion of PHYSICS 2G03 is required by the end of Level III and is recommended in Level II.
5. Students interested in medical physics or health physics, especially those considering postgraduate studies in these areas should take 12 units from Medical Physics Focus List A. These courses also contribute to the core knowledge and learning objectives required by the Commission on Accreditation of Medical Physics Education Programs.

6. Students interested in biochemistry in particular those interested in postgraduate studies in this area should take 12 units from the Biochemistry Focus List B.

7. Students interested in physics and soft matter physics, especially those considering postgraduate studies in these areas should take 12 units from Physics of Soft Matter Focus List C.

8. Completion of either BIOCHEM 2B03 and 2BB3 or BIOCHEM 2EE3 and 3G03 is required, however, BIOCHEM 2E03 and 3G03 are recommended.

**Course List A – Medical Physics Focus**
- KINESIOL 2YY3 – Human Anatomy and Physiology II
- MEDPHYS 3C03 - Operational Health Physics: Laboratory & Communication
- MEDPHYS 4D03 - Imaging in Medicine and Biology
- MEDPHYS 4F03 - Fundamentals of Health Physics
- MEDPHYS 4I03 – Introduction to Biophotonics
- MEDPHYS 4RB3 - Radiation and Radioisotope Methodology
- MEDPHYS 4U03 – Radiation Biology

**Course List B – Biochemistry Focus**
- BIOCHEM 3BP3 - Practical Bioinformatics in the Genomics Era
- BIOCHEM 4LL3 - Biotechnology and Genetic Engineering Laboratory
- BIOCHEM 4N03 - Molecular Membrane Biology
- BIOLOGY 2B03 - Cell Biology
- BIOPHYS 3D03 – Origin of Life

**Course List C – Physics of Soft Matter Focus**
- PHYSICS 2BB3 - Electricity and Magnetism II
- PHYSICS 3N03 - Physical Optics
- PHYSICS 4F03 - Quantum Mechanics II
- PHYSICS 4G03 - Computational Physics
- PHYSICS 4K03 - Solid State Physics

**Requirements**

*120 units total (Levels I to IV), of which no more than 48 units may be Level I*

**Level I: 30 Units**
Completed prior to admission to the program

**Level II: 30 units**
- Completion of Level II Honours Medical and Biological Physics
- 1 course
- SCIENCE 2C00 - Skills for Career Success in Science

**Level III**
Consists of academic studies (Fall Term), Co-op Work Term (Winter Term), and Co-op Work Term (Spring/Summer Term)

**Fall Term: 16 units:**
- 12 units
  - MATH 3C03 - Mathematical Physics I
• PHYSICS 3MM3 – Quantum Mechanics I
• BIOPHYS 3S03 – Soft Condensed Matter Physics
• MEDPHYS 4B03 – Radioactivity & Radiation Interactions
1 unit from
• PHYSICS 3DA1 – Inquiry in Physics I
• PHYSICS 3HC1 – Intermediate Laboratory (I)
3 units
• Electives (See Program Notes above.)
  2 courses
• SCIENCE 2C00 - Skills for Career Success in Science (if not already completed)
• SCIENCE 3C00 - Advanced Job Search Skills For Science Co-op Students

**Winter Term:**
Work Term
1 course
• SCIENCE 3WT0 - Science Co-op Work Term

Spring/Summer Term:
Work Term
1 course
• SCIENCE 3WT0 - Science Co-op Work Term

**Level IV**
Consists of academic studies (Fall and Winter Terms) and Co-op Work Term (Spring/Summer Term)

**Fall and Winter Terms: 30 units:**

6 units
• PHYSICS 3K03 - Thermodynamics and Statistical Mechanics
• MEDPHYS 4RA3 – Radiation & Radioisotope Methodology
3 units from
• BIOCHEM 2BB3 - Nucleic Acid Structure and Function
• BIOCHEM 3G03 - Proteins and Nucleic Acids
  (See Program Note 8 above.)
3 units
• BIOPHYS 4S03 - Introduction to Molecular Biophysics
3 units
• MEDPHYS 4T03 – Clinical Applications of Physics in Medicine
6 units from
• Course Lists A, B, C
9 units
• Electives

Spring/Summer Term:
Work Term
1 course
• SCIENCE 4WT0 - Science Co-op Work Term

**Level V**
Consists of Co-op Work Term (Fall Term) and academic studies (Winter Term)

**Fall Term:**
Work Term
1 course
• SCIENCE 5WT0 - Science Co-op Work Term

**Winter Term: 14 units**
2 units from
• PHYSICS 3DB2 - Inquiry in Physics II
• PHYSICS 3HD2 – Intermediate Laboratory (II)
6 units from
• Course Lists A, B, C
6 units
• Electives (See Program Notes 5, 6 and 7 above.)

Co-op Program Chart

<table>
<thead>
<tr>
<th></th>
<th>FALL TERM (September to December)</th>
<th>WINTER TERM (January to April)</th>
<th>SPRING/SUMMER TERM (May to August)</th>
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<tbody>
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<td><strong>Level III</strong></td>
<td>16 units from Academic Level III</td>
<td>Work Term SCIENCE 3WT0</td>
<td>Work Term SCIENCE 3WT0</td>
</tr>
<tr>
<td></td>
<td>+ SCIENCE 2C00 (if not already completed) and SCIENCE 3C00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Level IV</strong></td>
<td>15 units from Academic Level III</td>
<td>15 units from Academic Level IV</td>
<td>Work Term SCIENCE 4WT0</td>
</tr>
<tr>
<td><strong>Level V</strong></td>
<td>Work Term SCIENCE 5WT0</td>
<td>14 units from Academic Level IV</td>
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</table>

**Justification:**

This Coop program, slated to begin in September, 2018, will serve the merged Honours Medical and Biological Physics program. See Item 3.1 for further rational.
Below, is the summary of substantive curriculum changes being proposed by the Faculty of Science. For a complete review of all changes, refer to the November, 2016, Report of the Academic Planning and Policy Committee for changes to the 2017-2018 Undergraduate Calendar, found at: http://www.science.mcmaster.ca/associatedean/documents/APPC_2017.pdf

Additionally, substantive amendments to existing course capacities and categories are included for information only and can be found in the Changes to Existing Courses sections of the Departments and Schools.

1.0 Faculty of Science - Introductory Section, Level I Programs, and SCIENCE courses:

   Introductory Section
   • No substantive changes.

   Level I Programs
   • Where appropriate, the former health and safety course, HTHSCI 1BS0, has been replaced with BIOSAFE 1BS0.

   Science Courses
   • BIOSAFE 1BS0 will replace HTHSCI 1BS0 (no longer offered). The Faculty of Science will assume ownership and provide administrative support in terms of course management and grade collection.
   • Two new courses, SCIENCE 2A03 and SCIENCE 2M03 have been introduced. The latter, part of the call to provide offerings for ‘Science for non-Science students’, serves to appeal to a broad audience interested in the topic of Science for the Global Citizen.
   • SCIENCE 3A03 has been deleted.

2.0 Department of Biochemistry and Biomedical Sciences

   • Course Lists and requisites have been updated to reflect current course and program offerings.
   • BIOCHEM 3X03 and 4Y03 have been deleted.

3.0 Department of Biology

   • Three courses have been introduced, including: BIOLOGY 4C12 and MOLBIOL 4G12 (both, 12-unit thesis options) and BIOLOGY 3SA3.
   • Effective, September 2017, Honours Biology and Honours Biology – Discovery Sub-plan will require at least three units of Level IV Biology or Molecular Biology course work, in addition to the thesis (if completed).
   • Four courses have been deleted, including two nine-unit thesis options (BIOLOGY 4C09 and MOLBIOL 4GG9) as well as MOLBIOL 4CC3 and 4XX3.

4.0 Department of Chemistry and Chemical Biology

   • CHEM 4PC3 and 4PD3 have been deleted.

5.0 School of Geography and Earth Sciences
• Effective, September 2017, GEOG 2E13 moves from being an optional course to a requirement for the Honours Geography and Environmental Science program.
• EARTHSC 2Q03 (ENVIRSC 2Q03) is being re-introduced as an offering as EARTHSC 2L03 does not meet the geochemistry knowledge requirements of the APGO.
• The following 10 courses have been deleted: EARTHSC/ENVIRSC 2L03, EARTHSC 2M03, EARTHSC 4V03, GEOG 2RM3, GEOG 2TC3, GEOG 3HH3, GEOG 3LA3, GEOG 3UG3, GEOG 4HC3, GEOG 4UT3.

6.0 School of Interdisciplinary Science

Integrated Science (iSci)
• No substantive changes made.

Life Sciences
• Effective September, 2017, three additional units, selected from Level II LIFE SCI/BIOLOGY course work will be required, for Honours Life Sciences programs.
• Four LIFESCI course have been introduced – LIFESCI 3E03, 3N03, 4CC3, 4CM3.
• Seven courses have been deleted, including: LIFESCI 2AP3, LIFESCI 3A03, LIFESCI 3C03, LIFESCI 3D03, LIFESCI 3F03, LIFESCI 3R03, LIFESCI 3RF0.

Medical Physics
• Currently, Honours Medical Physics and Honours Biophysics programs, each with low enrolment are available. (Biophysics, including co-op, has a total enrolment of 14. Medical Physics, including Co-op, has 51). Given the overlap between these two disciplines, one merged program, Honours Medical and Biological Physics, will be launched in 2017 and will reside in the Department of Physics and Astronomy. The existing Medical Physics programs will be phased out, with last entry into Level 2, in September 2017. If, however, students prefer the merged program, the Medical Physics program will not enroll students in Level II, in September 2017. Courses will continue to be offered to ensure current cohorts can graduate from the Honours Medical Physics programs.
• MEDPHYS 4R06 has been split into two, three-unit offerings (MEDPHYS 4RA3 and 4RB3). The Department of Physics and Astronomy will assume ownership of these offerings.
• The following courses have been deleted: MEDPHYS 2B03, MEDPHYS 2C03, MEDPHYS 2D03, MEDPHYS 3R03, MEDPHYS 4R06 A/B.
• The Department of Physics and Astronomy will also assume ownership of MEDPHYS 4B03 and 4T03.

Medical Radiation Sciences
• MEDRADSC 3I03 has been deleted.

Origins Research Specialization
• In keeping with the scheduled phasing out of the Origins Specializations, the last of the ORIGINS courses have been deleted: ORIGINS 3D03, ORIGINS 4A09 A/B, ORIGINS 4RS3 A/B.

7.0 Department of Kinesiology
• Six courses have been deleted including, KINESIOL 3S03, KINESIOL 3SS3, KINESIOL 3T03, KINESIOL 4F03, KINESIOL 4FF3, KINESIOL 4K03.
• One new offering, KINESIOL 3BB3, has been introduced.

8.0 Department of Mathematics and Statistics
• Requirements for the Honours Math & Stats (including Sub-plans) programs will be displayed as Levels II-IV blocks to provide students more choice and flexibility to complete their program requirements, subject to requisites being met.
• Six courses have been introduced, including MATH 2UU3, in response to the Task Force on Future Directions for the Faculties of Humanities, Social Sciences and Science.
• The following courses have been deleted: MATH 2S03, MATH 2T03, MATH 3E03, MATH 3EE3, MATH 3Q03, MATH 4Q03, STATS 3F03, STATS 3HS3.

9.0 Department of Physics and Astronomy

• Currently, Honours Biophysics and Honours Medical Physics programs, each with low enrolment are available. (Biophysics, including Co-op, has a total enrolment of 14. Medical Physics, including Co-op, has 51). Given the overlap between these two disciplines, one merged program, Honours Medical and Biological Physics, will be launched in 2017 and will reside in the Department of Physics and Astronomy. The existing Honours Biophysics will be cancelled and Level I students will be directed toward the merged program. Current Honours Biophysics program cohorts will be given the option of graduating from their program or transferring to the merged program.
• One new offering, BIOPHYS 3G03, has been introduced.

10.0 Department of Psychology, Neuroscience and Behaviour

Human Behaviour
• Program requirements have been amended to increase flexibility.
• Course codes (for three PNB courses, yet to be offered) have changed to HUMBEHV as it better suits content.

Neuroscience
• Program requirements have been slightly modified to reflect recommendations of the IQAP review of this new program (first cohort enrolls in September, 2017).
• Eight NEUROSCI offerings have been introduced.

Psychology, Neuroscience and Behaviour (PNB)
• Program requirements of Hons PNB (Music Cognition Specialization) have been modified to reflect changes made by the School of the Arts (Music).
• One new course, PSYCH 3SP3, will be introduced.
• The following eight courses have been deleted: PNB 3DV3, PNB 3LA3, PNB 4HB3, PSYCH 3HB3, PSYCH 3HH3, PSYCH 3II3, PSYCH 3PA3, PSYCH 3YY3.
REPORT TO SENATE

FACULTY OF SOCIAL SCIENCES

SUMMARY OF MAJOR CURRICULUM CHANGES FOR 2017-2018

Below is the summary of substantive curriculum changes being proposed by the Faculty of Social Sciences. For complete review of all of the changes, please refer to the November 2016 Faculty of Social Sciences Report to Undergraduate Council for changes to the 2017-18 Undergraduate Calendar, found at https://socialsciences.mcmaster.ca/faculty-resources/meetings/undergrad-curriculum-report.pdf

1.0 NEW PROGRAMS:
NONE

2.0 PROGRAM CLOSURES: N/A

3.0 MAJOR REVISIONS:

3.1 HONOURS SOCIOLOGY (B.A)
For students entering the program in September 2017
Admission
Completion of any Level I program with a Grade Point Average of at least 5.0, including a grade of at least C in SOCIOL 1Z03 or SOCIOL 1A06 A/B. For continuation in the program, see the section on Minimum Requirements for Entering and Continuing in a Program Beyond Level I in the Faculty of Social Sciences Academic Regulations.

Notes
1. Students interested in graduate studies in sociology are advised to consider Honour Sociology (Specialist Option) B.A.
2. Students enrolled in Level II of the Honour Sociology B.A. in 2016-17 may request to transfer to the Honour Sociology (Specialist Option)
3. Students must normally complete SOCIOL 2S06 A/B, 2KK3, 2LL3 and 2Z03 before entering Level III courses.
4. Students must normally complete 3 units of SOCIOL 3A03 or 3P03 before entering Level IV courses.
5. Students must normally complete SOCIOL 3H06 A/B and 3 units of SOCIOL 3003 or 3W03 before entering Level IV courses.
6. Students must take a maximum of 9 12 units of Level IV Sociology. Additional units of Level IV Sociology cannot be used towards degree requirements.
7. Students will be given priority enrolment in SOCIOL 4HH3 and all other Level IV lecture courses.
8. Students may take a maximum of 6 3 units of Level IV independent research (SOCIOL 4M03, 4MM6 A/B or 4N03).
9. Students may take a maximum of 9 combined units of SOCIOL 3GG3 and 4GG3, depending on the topic.
7. Students who previously completed SOCIOL 3PP3 may substitute this course for SOCIOL 3A03 or 3P03 to satisfy the Advanced Theory requirement.
8. Students who previously completed SOCIOL 3I03 may substitute this course for SOCIOL 3O03 or 3W03 to satisfy the Advanced Sociological Methods requirement.
9. Students should check both this Calendar and the Departmental web-site for prerequisites and course descriptions.

Requirements
120 units total (Levels I to IV), of which 48 units may be Level I

30 units from
- the Level I program completed prior to admission to the program (See Admission above)

6 units
- SOCIOL 2KK3 – Introduction to Classical Sociological Theory
- SOCIOL 2LL3 – Introduction to Contemporary Sociological Theory
  (See Note 3 above)
- SOCIOL 2S06

3 units
- SOCIOL 2Z03 – Introduction to Sociological Research
  (See Note 3 above)

3 units from
- SOCIOL 3A03 – Classical Sociological Theory
- SOCIOL 3P03 – Contemporary Sociology Theory
  (See Notes 2 and 7 above)

6 units
- SOCIOL 3H06 A/B – Research Techniques and Data Analysis
  (See Note 3 above)

3 units
- SOCIOL 3FF3 – Introductory Statistics for Sociology
  (See Note 4 above)

3 units from
- SOCIOL 3O03 – Qualitative Research Methods
- SOCIOL 3W03 – Historical Methods in Sociology
  (See Note 3 and 8 above)

3 units
- SOCIOL 4HH3 – Sociology Students and the Work World
  (See Note 4 and 6 above)

9-6 units from
- Level IV Sociology lecture course list
  (see Note 4 5 above – Additional units of Level IV Sociology will not be counted toward the degree)

3 units from
- Level IV Sociology lecture, seminar, or directed research course lists

18 units
- Levels II or III Sociology of which a maximum of 12 units may be Level II.
42-48 units

- Electives, of which no more than 12 units may be from Sociology (the maximum Sociology courses to be taken is 54 units)

Justification: With the introduction of a “Specialist option”, the Honours Sociology B.A. has been revised. It provides a less specialized background in sociology with greater flexibility to explore other areas of study. Students receive a solid liberal arts education and are prepared for the work world or various career pathways that do not involve graduate work in sociology. Consequently, compared to the Honours (Specialist Option) in Sociology, this revised Honours Sociology B.A program features fewer required theory or methods courses as well as a focus on lecture courses rather than seminar courses at the fourth year level.

For students who entered the Honours Sociology B.A program prior to September 2017

Admission

Completion of any Level I program with a Grade Point Average of at least 5.0 including a grade of at least C in SOCIOL 1A06 A/B. For continuation in the program, see the section on Minimum Requirements for Entering and Continuing in a Program Beyond Level I in the Faculty of Social Sciences Academic Regulations.

Notes

1. Students enrolled in Level II of the Honours Sociology B.A. in 2016-17 may request to transfer to the Honours Sociology (Specialist Option).

2. Students must normally complete SOCIOL 2S06 A/B, or (SOCIOL 2KK3, 2LL3) and 2Z03 before entering Level III courses.

3. Students must normally complete 3 units of SOCIOL 3A03 OR 3P03 before entering Level IV courses.

4. Students must normally complete SOCIOL 3H06 A/B (or SOCIOL 3FF3) and 3 units of SOCIOL 3O03 OR 3W03 before entering Level IV courses.

5. Students must take a maximum of 9 units of Level IV Sociology

6. Students may take a maximum of six units of Level IV independent research (SOCIOL 4M03, 4MM6 A/B or 4N03).

7. Students may take a maximum of nine combined units of SOCIOL 3GG3 and 4GG3 depending on the topic.

8. Students who previously completed SOCIOL 3PP3 may substitute this course for SOCIOL 3A03 or 3P03 to satisfy the Advanced Theory requirement.

9. Students who previously completed SOCIOL 3I03 may substitute this course for SOCIOL 3O03 or 3W03 to satisfy the Advanced Sociological Methods requirement.

10. Students should check both this Calendar and the Departmental web-site for prerequisites and course descriptions.

Requirements for student who entered the Honours Sociology (B.A.) program prior to 2017

120 units total (Levels I to IV), of which 48 units may be Level I

30 units from

- the Level I program completed prior to admission to the program
  (See Admission above)

6 units
- SOCIOL 2S06 A/B - Introduction to Sociological Theory
  or
- SOCIOL 2KK3 – Introduction to Classical Sociological Theory and
  SOCIOL 2LL3 – Introduction to Contemporary Sociological Theory

  (See Note 1-2 above)

3 units
- SOCIOL 2Z03 - Introduction to Sociological Research
  (See Note 1-2 above)

3 units
from
- SOCIOL 3A03 – Advanced Analysis of Classical Sociological Theory
- SOCIOL 3P03 – Advanced Analysis of Contemporary Sociological Theory
  (See Notes 2-3 and 7-8 above)

6 units
- SOCIOL 3H06 A/B - Research Techniques and Data Analysis
  or
- SOCIOL 3FF3 – Introductory Statistics for Sociology and
  SOCIOL 4FF3 – Applications of Quantitative Methods in the Social Sciences

  (See Note 3-4 above)

3 units
from
- SOCIOL 3O03 - Qualitative Research Methods
- SOCIOL 3W03 - Historical Methods in Sociology
  (See Note 3-4 and 8-9 above)

9 units
- Level IV Sociology
  (See Note 4-5 above - Additional units of Level IV Sociology will not be counted toward
  the degree)

18 units
- Levels II or III Sociology
42 units
- Electives, of which no more than 12 units can be from Sociology (the maximum
  Sociology courses to be taken is 60 units).

Justification: Housekeeping changes to reflect the division of 6 unit courses into 3 unit
courses. Students in Level II of the Honours Sociology B.A in 2016-17 may request a transfer to
the Honours Sociology (Specialist ) Option

3.2 COMBINED HONOURS IN SOCIOLOGY AND ANOTHER SUBJECT (B.A.)
For students entering the program in September 2017
Admission
Completion of any Level I program with a Grade Point Average of at least 5.0 including a
grade of at least C in SOCIOL 1Z03 or SOCIOL 1A06 A/B. Satisfaction of admission
requirements for the Honours program in the other B.A. subject. For continuation in the program, see the section on Minimum Requirements for Entering and Continuing in a Program Beyond Level I in the Faculty of Social Sciences Academic Regulations.

Notes
1. Subject to meeting admission requirements, students may combine two subjects and be graduated with a combined Honours B.A. degree. These combinations are available within the Faculty, with programs in the Faculty of Humanities and with the Arts and Science Program.
2. Students interested in graduate studies in sociology are advised to consider the Combined Honours in Sociology (Specialist Option) B.A. and Another Subject (B.A)
3. Students enrolled in Level II of the Combined Honours in Sociology and Another Subject in 2016-17 may request to transfer to the Combined Honours in Sociology (Specialist Option)
4. Students must normally complete SOCIOL 2S06 A/B, SOCIOL 2KK3, 2LL3 and 2Z03 before entering Level III courses.
5. Students must normally complete 3 units of SOCIOL 3A03 OR 3P03 before entering Level IV courses.
6. Students must normally complete SOCIOL 3H06 A/B and 3 units of SOCIOL 3Q03 OR 3W03 before entering Level IV courses.
7. Students must normally complete SOCIOL 3FF3 before entering Level IV courses.
8. Students will be given priority enrolment in SOCIOL 4HH3 and all other Level IV lecture courses.
9. Students must take a maximum of 6 units of Level IV Sociology. Additional units of Level IV Sociology cannot be used towards degree requirements.
10. Students taking six units of independent research or thesis in their other program may not take SOCIOL 4M03, 4MM6 A/B or 4N03.
11. Students may take a maximum of nine combined units of SOCIOL 3GG3 and 4GG3 depending on the topic.
12. Students who previously completed SOCIOL 3PP3 may substitute this course for SOCIOL 3A03 or 3P03 to satisfy the Advanced Theory requirement.
13. Students who previously completed SOCIOL 3103 may substitute this course for SOCIOL 3003 or 3W03 to satisfy the Advanced Sociological Methods requirement.
14. Students should check both this Calendar and the Departmental web-site for prerequisites and course descriptions.

Requirements:
For students entering Combined Honours in Sociology and Another Subject (B.A.) program in 2017
120 units total (Levels I to IV), of which 48 units may be Level I
30 units from
- the Level I program completed prior to admission to the program (See Admission above)
6 units
- SOCIOL 2KK3 – Introduction to Classical Sociological Theory and
- SOCIOL 2LL3 – Introduction to Contemporary Sociological Theory)
- (See Note 2 4 above)
  - SOCIOL 2S06 A/B - Introduction to Sociological Theory

3 units from

- SOCIOL 3A03 - Classical Sociological Theory
- SOCIOL 3P03 - Contemporary Sociological Theory
  (See Notes 3 and 8 above)

3 units from

- SOCIOL 3O03 - Qualitative Research Methods
- SOCIOL 3W03 - Historical Methods in Sociology
  (See Notes 4 and 9 above)

3 units

- SOCIOL 4HH3 – Sociology Students and the Work World
  (See Notes 5 and 6 above)

3 units

- Level IV Sociology lecture, seminar, or directed research course lists
  (See Note 5-7 above - Additional units of Level IV Sociology will not count towards the degree)

18 units

- Levels II or III Sociology of which a maximum of 12 units may be Level II.

36 units

- Courses specified for the other subject

6 units

- SOCIOL 2Z03 – Introduction to Sociological Research
  (See Note 14 above)
- SOCIOL 3FF3 – Introductory Statistics for Sociology
  (See Note 2 5 above)

6-9 units

- SOCIOL 2Z03 - Introduction to Sociological Research
- SOCIOL 3H06 A/B - Research Techniques and Data Analysis
  or

- in combined programs within the Faculty of Social Sciences, the six units Research Methods/Statistics course specified for the other subject (See Notes 2 4 and 4 5 above.)

9-12 18 units

- Electives, of which no more than 9 units may be from Sociology (the maximum Sociology courses to be taken is 54 45 units)

Justification: With the introduction of a “Specialist option” the Combined Honours in Sociology and Another Subject (B.A.) has been revised. It provides a less specialized background in sociology with greater flexibility to explore other areas of study. Students receive a solid liberal arts education and are prepared for the work world or various career pathways that do not involve graduate work in sociology. Consequently, compared to the Combined Honours (Specialist Option) in Sociology and Another Subject (B.A.), this revised Combined Honours in Sociology and Another Subject (B.A) program features fewer required theory or methods
courses as well as a focus on lecture courses rather than seminar courses at the fourth year level.

**For students who entered the Combined Honours in Sociology and Another Subject (B.A.) prior to September 2017**

**Admission**

Completion of any Level I program with a Grade Point Average of at least 5.0 including a grade of at least C in SOCIOL 1A06 A/B. For continuation in the program, see the section on *Minimum Requirements for Entering and Continuing in a Program Beyond Level I* in the Faculty of Social Sciences Academic Regulations.

**Notes**

1. Subject to meeting admission requirements, students may combine two subjects and be graduated with a combined Honours B.A. degree. These combinations are available within the Faculty, with programs in the Faculty of Humanities and with the Arts and Science Program.

2. Students enrolled in Level II of the Combined Honours in Sociology and Another Subject (B.A.) in 2016-17 may request to transfer to the Combined Honours in Sociology (Specialist Option) and Another Subject (B.A.)

3-4. Students must normally complete SOCIOL 2S06 A/B (or SOCIOL 2KK3 and 2LL3) and 2Z03 before entering Level III courses.

4-5. Students must normally complete SOCIOL 3A03 OR 3P03 before entering Level IV courses.

5-6. Students must normally complete 3 units of SOCIOL 3A03 OR 3P03 before entering Level IV courses.

4-5. Students must normally complete SOCIOL 3H06 A/B (or SOCIOL 3FF3) and 3 units of SOCIOL 3003 OR 3W03 before entering Level IV courses.

5-6. Students must take a maximum of 6 units of Level IV Sociology. Additional units of Level IV Sociology cannot be used towards degree requirements.

6-7. Students taking six units of independent research or thesis in their other program may not take SOCIOL 4M03, 4MM6 A/B or 4N03.

7-8. Students may take a maximum of nine combined units of SOCIOL 3GG3 and 4GG3 depending on the topic.

8-9. Students who previously completed SOCIOL 3PP3 may substitute this course for SOCIOL 3A03 or 3P03 to satisfy the Advanced Theory requirement.

9-10. Students who previously completed SOCIOL 3I03 may substitute this course for SOCIOL 3003 or 3W03 to satisfy the Advanced Sociological Methods requirement.

1111. Students should check both this Calendar and the Departmental web-site for prerequisites and course descriptions.

**Requirements for students who entered the Combined Honours in Sociology and Another Subject (B.A.) program prior to 2017**

120 units total (Levels I to IV), of which 48 units may be Level I

30 units from

- the Level I program completed prior to admission to the program
  (See Admission above)
6 units
- SOCIOL 2S06 A/B - Introduction to Sociological Theory
  or
- SOCIOL 2KK3 – Introduction to Classical Sociological Theory and
  SOCIOL 2LL3 – Introduction to Contemporary Sociological Theory
  (See Note 3 above)

3 units
from
- SOCIOL 3A03 – Advanced Analysis of Classical Sociological Theory
- SOCIOL 3P03 – Advanced Analysis of Contemporary Sociological Theory
  (See Notes 2 and 7 above)

3 units
from
- SOCIOL 3O03 - Qualitative Research Methods
- SOCIOL 3W03 - Historical Methods in Sociology
  (See Note 3 and 8 above)

6 units
- Level IV Sociology
  (See Note 4 above - Additional units of Level IV Sociology will not be counted
  toward the degree)

18 units
- Levels II or III Sociology

36 units
- Courses specified for the other subject

6-9 units
- SOCIOL 2Z03 - Introduction to Sociological Research
  (See Note 3 above)
  or
- SOCIOL 3H06 A/B - Research Techniques and Data Analysis
  or
- SOCIOL 3FF3 – Introductory Statistics for Sociology and
  SOCIOL 4FF3 – Applications of Quantitative Methods in the Social Sciences
  or

in combined programs within the Faculty of Social Sciences, the six units
Research Methods/Statistics course specified for the other subject (See Notes 2
and 4 above.)

9-12 units
Electives, of which no more than 9 units can be from Sociology (the maximum Sociology courses to be taken is 54 units).

Justification: Housekeeping changes to reflect the division of 6 unit courses into 3 unit courses. Students in Level II of the Combined Honours in Sociology and Another Subject (B.A) in 2016-17 may request a transfer to the Combined Honours in Sociology (Specialist Option) and Another Subject (B.A.)

3.3 HONOURS SOCIOLOGY (SPECIALIST OPTION) B.A

Admission
Completion of any Level I program with a Grade Point Average of at least 5.0, including a grade of at least C in SOCIOL1Z03 or SOCIOL 1A06 A/B. Satisfaction of admission requirements for the Honours program in the other B.A. subject. For continuation in the program, see the section on Minimum Requirements for Entering and Continuing in a Program Beyond Level I in the Faculty of Social Sciences Academic Regulations.

Notes
1. The Honours Sociology( Specialist Option) program is the most appropriate program for students who are considering graduate studies in sociology.
2. Students enrolled in Level II of the Honours Sociology B.A. in 2016-17 may request to transfer to the Honours Sociology (Specialist Option)
3-5. Students must normally complete SOCIOL 2KK3, 2LL3 (or SOCIOL 2S06 A/B) and 2Z03 before entering Level III courses.
4-6. Students must normally complete 3 units of advanced theory SOCIOL 3A03 or 3P03 before entering Level IV courses.
5-8. Students must normally complete SOCIOL 3FF3 (or SOCIOL 3H06 A/B) and 3 units of advanced methods SOCIOL 3O03 or 3W03 before entering Level IV courses.
6. Students must take a maximum of 9 12 units of Level IV Sociology. Additional units of Level IV Sociology cannot be used towards degree requirements.
7. Students will be given priority enrolment in SOCIOL 3A03, 3P03, 3O03, and 3W03 as well as Level IV seminar courses.
5-8. Students may take a maximum of 6 units of Level IV independent research (SOCIOL 4M03, 4MM6 A/B or 4N03).
6-9. Students may take a maximum of 9 combined units of SOCIOL 3GG3 and 4GG3, depending on the topic.
7-10 Students who previously completed SOCIOL 3PP3 may substitute this course for SOCIOL 3A03 or 3P03 to satisfy the advanced theory requirement.
8-11 Students who previously completed SOCIOL 3I03 may substitute this course for SOCIOL 3O03 or 3W03 to satisfy the advanced methods requirement.
9-12 Students should check both this Calendar and the Departmental website for prerequisites and course descriptions.

Requirements for students entering in September 2017
120 units total (Levels I to IV), of which 48 units may be Level I

30 units
from
- the Level I program completed prior to admission to the program  
  (See Admission above)

6 units
- SOCIOL 2KK3 – Introduction to Classical Sociological Theory
- SOCIOL 2LL3 – Introduction to Contemporary Sociological Theory
- SOCIOL 2Z03 – Introduction to Sociological Research
(See Note 2, 3 above)

3 units
- SOCIOL 2S06 A/B
(See Note 2 above)

3 units
- SOCIOL 3A03 – Advanced Analysis of Classical Sociological Theory
- SOCIOL 3P03 – Advanced Analysis of Contemporary Sociological Theory
(See Notes 2, 4, 7 and 10 above)

3 units
- SOCIOL 3FF3 – Introductory Statistics for Sociology
(See Note 3 above)

6 units
- SOCIOL 3H06 A/B – Research Techniques and Data Analysis
(See Note 3 above)

3 units
- SOCIOL 3O03 – Qualitative Research Methods
- SOCIOL 3W03 - Historical Methods in Sociology
(See Notes 3, 5 and 8 above)

3 units
- SOCIOL 3H06 A/B – Research Techniques and Data Analysis
(See Note 3 above)

9.6 units
- Level IV Sociology seminar or directed research course lists
  (See Note 4-5 and 6 above)

3 units
- SOCIOL 4FF3 – Applications of Quantitative Methods in the Social Sciences
  (See Note 5 above)

5.6 units
- Level IV Sociology seminar, lecture, or directed research course lists
  (See Note 5 and 6 above)

18 units
- Levels II or III Sociology

42 units
- Electives, of which no more than 12 units may be from Sociology (the maximum Sociology courses to be taken is 60 units)
Justification for Changes: The Department of Sociology is introducing two streams into the Sociology programs: A Combined Honours Sociology (Specialist Option) and Another Subject and an Honours Sociology (Specialist Option). The Specialist option will better serve the needs of students who plan to do an M.A. in Sociology and who desire a program that is more research-oriented. The introduction of the Specialist Option provides additional opportunities to meet the changing needs of students and allows students to determine degree pathways most appropriate for their interests and post-degree plans. The “regular” Honours stream will give students a more general and less specialized background in sociology as well as greater flexibility to explore other areas of study. It was also created to give students a solid liberal arts education and prepare them for the work world or various career pathways that do not involve graduate work in sociology. Both the Honours and Honours (Specialist) options provide a solid grounding in Sociology, with minimal but highly specific differentiation between the two options, providing considerable flexibility for movement between both options.

3.4 COMBINED HONOURS IN SOCIOLOGY (SPECIALIST OPTION) AND ANOTHER SUBJECT (B.A.)

Admission
Completion of any Level I program with a Grade Point Average of at least 5.0, including a grade of at least C in SOCIOL1Z03 or SOCIOL 1A06 A/B. Satisfaction of admission requirements for the Honours program in the other B.A. subject. For continuation in the program, see the section on Minimum Requirements for Entering and Continuing in a Program Beyond Level I in the Faculty of Social Sciences Academic Regulations.

Notes
1. Subject to meeting admission requirements, students may combine two subjects and be graduated with a combined Honours B.A. degree. These combinations are available within the Faculty, with programs in the Faculty of Humanities, and with the Arts and Science Program.
2. Students enrolled in Level II of the Combined Honours in Sociology B.A. and another Subject in 2016-17 may request to transfer to the Combined Honours in Sociology (Specialist Option) and Another Subject.
3. Students must normally complete SOCIOL 2S06 A/B, SOCIOL 2KK3, 2LL3 and 2Z03 before entering Level III courses.
4. Students must normally complete 3 units of advanced theory, SOCIOL 3A03 or 3P03 before entering Level IV courses.
5. Students must normally complete 3 units of advanced methods SOCIOL 3O03 or 3W03 before entering Level IV courses.
6. Students must take a maximum of 6 9 units of Level IV Sociology. Additional units of Level IV Sociology cannot be used towards degree requirements.
7. Students will be given priority enrolment in SOCIOL 3A03, 3P03, 3O03, and 3W03 as well as Level IV seminar courses.
8. Students taking 6 units of independent research or thesis in their other program may not take SOCIOL 4M03, 4MM6 A/B or 4N03.
9. Students may take a maximum of 9 combined units of SOCIOL 3GG3 and 4GG3, depending on the topic.
Students who previously completed SOCIOL 3PP3 may substitute this course for SOCIOL 3A03 or 3P03 to satisfy the advanced theory requirement.

Students who previously completed SOCIOL 3I03 may substitute this course for SOCIOL 3O03 or 3W03 to satisfy the advanced methods requirement.

Students should check both this Calendar and the Departmental website for prerequisites and course descriptions.

Requirements for students entering in September 2017

120 units total (Levels I to IV), of which 48 units may be Level I

30 units
- from
- the Level I program completed prior to admission to the program
  - (See Admission above)

6 units
- SOCIOL 2KK3 – Introduction to Classical Sociological Theory
- SOCIOL 2LL3 – Introduction to Contemporary Sociological Theory
  - (See Note 2 above)
- SOCIOL 2S06 A/B

3 units
- from
  - SOCIOL 3A03 – Advanced Analysis of Classical Sociological Theory
  - SOCIOL 3P03 – Advanced Analysis of Contemporary Sociological Theory
  - (See Notes 3 and 8 above)

3 units
- from
  - SOCIOL 3O03 – Qualitative Research Methods
  - SOCIOL 3W03 – Historical Methods in Sociology
  - (See Notes 4 and 9 above)

3 units
- from
  - SOCIOL 4FF3 – Applications of Quantitative Methods in the Social Sciences
  - (See Note 5 above)

6-3 units
- from
  - Level IV Sociology seminar course list
  - (See note 5 and 6 above)

3 units
- from
  - Level IV Sociology seminar, lecture, or directed research course lists
  - (See note 5 and 6 above)

18-15 units
- Levels II or III Sociology

36 units
- Courses specified for the other subject

6-9 units
- SOCIOL 2Z03 – Introduction to Sociological Research
- SOCIOL 3FF3 – Introductory Statistics for Sociology
SOCIOL 3H06 A/B – Research Techniques and Data Analysis
or
- in combined programs within the Faculty of Social Sciences, the six units Research Methods / Statistic course specified for the other subject (See Notes 2, 3, and 4-5 above)

9–12 units
- Electives, of which no more than 9 units may be from Sociology (the maximum Sociology courses to be taken is 54 units)

Justification for Changes: The Department of Sociology is introducing two streams into the Sociology programs: A Combined Honours Sociology (Specialist Option) and Another Subject and an Honours Sociology (Specialist Option). The Specialist option will better serve the needs of students who plan to do an M.A. in Sociology and who desire a program that is more research-oriented. The introduction of the Specialist Option provides additional opportunities to meet the changing needs of students and allows students to determine degree pathways most appropriate for their interests and post-degree plans. The “regular” Honours stream will give students a more general and less specialized background in sociology as well as greater flexibility to explore other areas of study. It was also created to give students a solid liberal arts education and prepare them for the work world or various career pathways that do not involve graduate work in sociology. Both the Honours and Honours (Specialist) options provide a solid grounding in Sociology, with minimal but highly specific differentiation between the two options, providing considerable flexibility for movement between both options.
Faculty of Social Sciences
REPORT TO UNDERGRADUATE COUNCIL
SUMMARY OF CURRICULUM CHANGES FOR 2017-18

This report highlights substantive changes being proposed. For complete review of the changes, please refer to the November 2016 Faculty of Social Sciences Report to Undergraduate Council for changes to the 2017-18 Undergraduate Calendar, found at http://socialsciencesmcmaster.ca/faculty/UndergradCurriculumReport.pdf

**Faculty of Social Sciences**
- Deletion of SOC SCI 1HS3, no longer offering Pathway initiative to High School students
- Updating Course Lists to reflect Department submissions

**Department of Anthropology**
- Addition of four new courses ANTHROP 2EE3, 2HE3, 4KK3 and 3SS3. ANTHROP 3SS3 is cross-listed with RELIGST 3EE3. ANTHROP 2EE3 is cross-listed with RELIGST 2SP3
- A title change for ANTHROP 4R03 to better reflect the course content
- Deletion of two courses ANTHROP 3V03 and ANTHROP 4M03 as they have not been offered for several years
- Updates to List of Faculty Members

**Department of Economics**
- Revisions to course prerequisites for ECON 3G03
- Removal of course antirequisites from ECON 2B03, 3U03, and 3WW3 for courses that are no longer offered
- Reference to placement in course description for ECON 2D03 has been removed as there are no longer placements offered.
- Revision to Department notes: The word ‘handbook’ has been replaced with website as a handbook is no longer produced
- Deleted ECON 3R03 as it is no longer offered
- Updates to List of Faculty Members

**School of Geography and Earth Sciences**
- Revisions to 21 existing courses, updating the delivery mode to better reflect the actual experience in the small group environment.
- Deletion of 7 courses that are no longer taught or have not been taught in the past three years.
- All course changes will be submitted by the Faculty of Science for approval

**Department of Health, Aging & Society**
- Introduction of a New Minor in the Social Studies of Mental Health and Addiction
- Deletion of HTH SCI 3B03 from all course Lists
- Deletion of HTH SCI 2I03 from Minor Course List
- Addition of HTH SCI 2J03 to Minor Course List
- Revision to Combined Honours Health Studies and Another Subject: 3 units from Course List or Health, Aging and Society increased to 6 units and Electives range 9 to 15 units changed to 12 to 15 units.
- Addition of one new course HTHAGE 2L03 to round out offerings for the new minor
- Revisions to eight existing courses: HLTH AGE 4B03, 4H03, 4N03 and 4R03 now include Honours Social Psychology as a prerequisite
- Revision to HLTHAGE 4T03: course description updated to better reflect the content of the course
- Revision to HLTHAGE 4M03: Prerequisites changed to reflect changes submitted by School of Geography and Earth Science. This course is cross-listed with ENVIR SC 4HH3 and GEOG 4HH3.
- Revision to HLTHAGE 2A03 added SOC PSY 2K03 and SOC SCI 2J03 as antirequisites.
- Updates to List of Faculty Members

**Indigenous Studies Program**
- Converted INDIGST 2M06 A/B into two 3 unit courses INDIGST 2M03 and 2M03
- Updates to List of Faculty Members

**School of Labour Studies**
- Course List 1 for Honours Labour Studies and Combined Honours Labour Studies updated, LABRST 2BB3 has been deleted and the 17 courses from the Social Work with Social and Political Context have been added.
- Updated 14 courses with either a new title or course description to better reflect the course content, LABRST 1A03, 2A03, 2C03, 2E03, 2G03, 2H03, 2M03, 3C03, 3D03, 3H03, 3W03, 4A06, 4F03, 4H03,
- Enrollment restrictions have been introduced on LABRST 4F03 and 4H03 to ease pressure on 4th year courses.
- Updates to List of Faculty Members

**Department of Political Science**
- Introduction of a new Minor in Public Leadership
- Revised Admission requirements from 6 units of Level 1 POLSCI to 3 units with the stipulation that both courses will be required to complete the degree requirements
- Addition of 14 new courses POLSCI 2US3, 3CL3, 3GC3, 3PB3, 3RF3, 3WP3, 4CA3, 4CF3, 4HR3, 4JS3, 4LC3, 4PA3, 4UF3 (six of these courses are the result of converting the 6 unit courses into 3 units)
- Revision to 31 existing courses, house-keeping changes for consistent wording for delivery mode, POLSCI 2D03, 3V03, 4AA6 A/B, 4O06 A/B, and 4Q04 A/B have revised course titles to allow for more flexibility with course subject matter
- Deletion of three 6 unit courses that have been converted to 3 unit courses
- Updating of Fields of Study course lists to reflect additional new courses.

**Psychology, Neuroscience & Behaviour**
- Updated Music Cognitions Specialization to reflect the changes in courses from the Department of Music.
- Addition of two new courses NEUROSCI 3SN3 and PSYCH 3SP3
- All Changes to PNB courses and programs will be submitted by the Faculty of Science for approval

**Department of Religious Studies**
- Addition of new Interdisciplinary Minor in Muslim Studies
- Revision to 19 existing courses RELIGST 1B06 has been changed to a 3 unit course, RELIGST 2BB3, 2HR3, 2QQ3, 3F03, 3RH3, have changed delivery mode to read Three (lecture and discussion)
- RELIGST 2C03, 2GG3 2GR3, 2HB3, 2HH3, 2NT3, 2QQ3, 2DD3, 3J03, 3Y03, have revised course titles to better reflect the essence of the course
- New course codes for RELIGST 3A03 (2JP3) AND 3U03 (2BT3)
- Anti-requisites added to 2JP3 AND 2BT3
- ANTHROP 3SS3 added as cross-listed course to RELIGST 3EE3
- Deletion of three courses as a result of low enrollments
- Course lists updated to reflect new courses and deleted courses
- Addition of eight new courses, RELIGST 2AP3, 2BN3, 2ER3, 2RB3, 2RN3, 2SP3, 2VR3, 4SR3.
- Faculty information has been updated
• **School of Social Work**
  - Introduction of a new Interdisciplinary Minor in Social Justice and Inclusive Communities
  - Revision of Admission requirements to all programs to reflect the conversion of SOCIOL 1A06 to a 3 unit course and the conversion of SOCWORK 1A06 to SOCWORK 1AA3 and 1BB3.
  - Addition of INDIGST 1A03 to all programs as a requirement to complete the degree
  - Revision of Application Deadline Dates
  - SOCWORK 4J03 has been moved from the Social and Political Context of Social Work course list to the Foundation of Social Work course list.
  - Updated Social Work Level 1 course list.
  - Addition of four new courses: SOCWORK 1AA3, 1BB3, 4SA3, and 4SB3
  - Revision to 17 existing courses to include the Labour Studies program in the prerequisite and to reflect the conversion of SOCWORK 1A06 to SOCWORK 1AA3 and 1BB3.
  - Revisions to course titles for SOCWORK 3S03 and 4R03 to better reflect the course content
  - SOCWORK 1A06 A/B has been deleted and converted into two 3 unit courses
  - Updated Faculty List

• **Social Psychology Program**
  - Revisions to Existing program: Reduced the number of units of required Psychology and Sociology courses from 12 units to 9 units and increased the number of available elective units from 24 to 30 units to allow for completion of minor and/or affiliated certificate.
  - Changes to Sociology Courses affected by changes in Sociology
  - Deletion of courses no longer offered; ANTHROP 3V03, HLTHAGE 3F03, HISTORY 3P03, 3U03
  - Addition of courses to Multidisciplinary List; GEOG 2TS3, 3TG3, 3TP3, KINESIOL 3V03, PEACEST 2A03, 2C03. RELIGST 2ER3, 2RB3, 2Sp3
  - Additions of courses to Level 4 Course List: GEOG 4UD3, HLTHAGE 4B03, 4H03, 4R03, SOCPSY 4B03 AND SOCSCI 4ID3
  - Addition of PSYCH 3MT3 to Sociology/Psychology Course List
  - Revisions to existing courses: Title change for SOCPSY 2K03, 2YY3 and 2M03 to better reflect course content
  - Revisions to course description for SOCPSY 2L03 and 3ZZ3 to better describe material to be covered in the course
  - Deletions of Prerequisites and Antirequisites from SOCPSY 3ZZ3 for courses no longer offered
  - Addition of new course: SOCPSY 4B03 Special Topics in Social Psychology, this is a lecture based course and may be repeated if on a different subject

• **Department of Sociology**
  - Restructured Honours Sociology and Combined Honours in Sociology and Another Subject to create two streams, one designed to prepare students for a post-graduate program in Sociology (Specialist Option) and another a more flexible stream with less concentration on Research Methods and Statistics. Both streams will provide a solid grounding in Sociology, with minimal but highly specific differentiation between the two options.
  - Admission requirements changed from requiring 6 units of Level 1 Sociology to 3 units of Sociology. SOCIOLOGY 1A06 has been replaced by SOCIOL 1Z03
• Addition of 21 new courses, most of which are due to converting current 6 unit courses into 3 unit courses, SOCIOL 1Z0S, 1C03, 2BB3, 2CC3, 2DD3, 2EE3, 2FF3, 2GG3, 2HH3, 2JJ3, 2KK3, 2LL3, 2PP3, 2QQ3, 2SS3, 2TT3, 3FF3, 3NN3, 4FF3, 4HH3, 4KK3, 4LL3, 4SR3
• Revisions to 46 existing courses, adjusting prerequisites to accommodate converting 6 unit courses to 3 unit courses.
• Deletion of ten courses as a result of converting 6 unit courses to 3 unit courses: SOCIOL 1A06, 2C06, 2D06, 2E06, 2P06, 2Q06, 2S06, 2U06, 2V06 and 3H06
• Update to Faculty List
Admission Requirements

1. Admission from Secondary Schools

All Level 1 programs have enrolment limits and admission is by selection. Attaining minimum requirements for undergraduate programs does not guarantee admission to McMaster University. Programs may become full prior to published deadlines. McMaster University reserves the right, at its sole discretion, not to accept, process or adjudicate applications or amendments to applications to any program at any time. You are advised to submit your application and/or amendments well in advance of the deadlines.

A. Ontario

General Requirements (For all Level I Programs)

To be considered for admission, you must satisfy the general requirements of the university and the specific subject requirements for the program to which you applied plus any specified supplementary application/audition/portfolio required by some programs at the university.

If you are an applicant from an Ontario secondary school you must meet the following minimum requirements:

1. An Ontario Secondary School Diploma (OSSD) with acceptable standing; AND
2. An overall average in completed Grade 12 U and/or M courses which meets or exceeds the minimum set by the specific program to which you applied; AND
3. Satisfactory completion of six Grade 12 U and/or M courses including the subject requirements for your chosen program.

Note: Music External (Conservatory) 4M is acceptable as a credit and the mark obtained can be included in the calculation of your admission average. Alternatively, you may submit certificates from a recognized conservatory of music in Grade 8 practical and Grade 2 theory to your secondary school for one Grade 12M credit.

Admission Average

The Admission Average is calculated using the best six Grade 12 U and/or M grades, including those for all of the required subjects. McMaster calculates averages to two decimal points and we do not round up averages. Please Note: Grade 12 Co-op courses are not eligible to be used as one or more of the required prerequisite courses used to calculate admissibility and/or the admission average.

See Early Conditional Admission and Final Admission below for specific details. Estimated cut-off ranges for our Level I Programs can be found at: http://future.mcmaster.ca and click on Admission Requirements.

Early Conditional Admission

Early conditional admission may be granted annually to qualified applicants with strong academic standing. Early conditional admission is based on:

1. six appropriate midterm/interim Grade 12 U and/or M grades, OR
2. at least three final Grade 12 U and/or M grades PLUS enrolment in the appropriate additional three Grade 12 U and/or M courses.
3. In some cases, Grade 11 marks may be considered in extending early conditional offers of admission.

If you do not receive an offer of admission in March, you will automatically be reassessed for admission until May 15 after additional Grade 12 U and/or M grades are received from your secondary school. Due to enrolment limits, McMaster may not be able to consider additional grade data for admission purposes received after May 15.

The University reserves the right to withdraw a conditional offer of admission due to any of the following:

1. You do not meet the minimum final average prescribed for your chosen program; OR
2. You do not receive an OSSD; OR
3. You do not complete six Grade 12 U and/or M courses including all required subjects; OR
4. You do not successfully accept your offer of admission at the Ontario Universities’ Application Centre (OUAC) by the response deadline indicated on your offer letter; OR
5. You do not meet any other condition stipulated on your conditional offer of admission; OR
6. You attend a post-secondary institution prior to beginning your studies at McMaster; OR
7. Your offer of admission to the university was secured through fraudulent means. Please note the University’s statements regarding application fraud at the end of the Admission section of this calendar.

Minimum Final Average

If you are a secondary school applicant who receives a conditional offer of admission, you will be required to achieve an overall average (on six (6) final grades including all required courses for your desired program) as indicated on your offer of conditional admission.

If your final average falls below this level (or its equivalent), your offer of admission will be rescinded/revoked and your registration will be cancelled.
The required minimum final average will vary from year to year and by program. This average will be stated clearly on the offer of conditional admission.

Supplementary Application Forms and Extenuating Circumstances Situations

Certain Level I programs such as Arts & Science, Bachelor of Health Sciences (Honours) and Honours Integrated Science have mandatory supplementary application forms which must be completed by specific deadline dates. Applicants to Nursing must complete a mandatory on-line assessment (CASPer™) on the dates in February as specified each year. See Application and Documentation Deadlines, for specific deadline dates. Applicants to Engineering 1 (regular and co-op) and Integrated Biomedical Engineering and Health Sciences (regular and co-op) must complete a mandatory on-line assessment (2016 © Kira Talent) on the dates in February as specified each year. See Application and Documentation Deadlines, for specific deadline dates. Applicants to Integrated Business and Humanities must complete a mandatory on-line assessment (2016 © Kira Talent) by February 1 each year. McMaster does not normally use optional supplementary application forms. Applicants will be notified if the program they applied to decides to use an optional supplementary application form.

Applicants with special circumstances whose average falls slightly below the required admission average may forward a letter to the Office of the Registrar, Admissions explaining the nature of their extenuating circumstances. In some cases, the university may request letters of recommendation, personal history or other additional information to aid in the admission process.

Offers of Admission for Secondary School Graduates

Applicants may be eligible for final admission if they have fulfilled the requirements for their OSSD and have final grades in six Grade 12 U and/or M courses. If you fulfill the requirements for your chosen program by the end of February, you may be granted an offer of final admission.

The University reserves the right to withdraw an offer of final admission due to any of the following:

1. You do not successfully accept your offer of admission at the Ontario Universities’ Application Centre (OUAC) by the response deadline indicated on your offer letter; OR
2. You attend a post-secondary institution prior to beginning your studies at McMaster.
3. Your offer of admission to the university was secured through fraudulent means. Please note the University’s statements regarding application fraud at the end of the Admission section of this calendar.

Deferral of Admission

McMaster does not normally grant a deferral of an offer of admission unless special extenuating circumstances exist. Each case is evaluated on its own merits.

All requests for deferral of both admission and scholarship should be made in writing to:

Office of the Registrar, Admissions
McMaster University
Gilmour Hall 109, 1280 Main St. W.
Hamilton, Ontario L8S 4L8

by September 1 of the application year, outlining the reasons for the request. If a deferral is granted, it is conditional upon the student not attending a secondary or post-secondary institution during the deferral period.

Subject Requirements for Specific Level I Programs

All Level I programs have enrolment limits and admission is by selection. Possession of the minimum admission requirements does not guarantee admission.

McMaster University offers the following Level I programs:

ARTS AND SCIENCE I

You are required to complete a mandatory Supplementary Application Form which must be submitted electronically via the web at https://artsci.mcmaster.ca/prospective-students-supplementary-application/ or www.mcmaster.ca/artsci/admissions.html. The information provided enters into the selection process. Only applicants with high academic standing are selected. In recent years successful candidates had an admission average range in the upper 80's or higher. A minimum overall average of 88% or higher is required for application consideration.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. One of Advanced Functions U or Calculus and Vectors U (Calculus and Vectors U is strongly recommended)
3. Completion of four additional U or M courses, to total six courses, of which two must be at the U level
The following are the minimum Grade 12 U and M requirements:

1. English U
2. Calculus and Vectors U
3. Chemistry U
4. Physics U
5. Completion of two additional U or M courses to total six courses

**Note:** Applicants are also expected to have completed Advanced Functions U.

**BUSINESS I**

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Two of Advanced Functions U, Calculus and Vectors U, and Mathematics of Data Management U
3. Completion of three additional U or M courses to total six courses

**Note:** Applicants without Calculus and Vectors 4U will be required to take an equivalent Calculus course in Level 1. Applicants without Data Management U will be required to take an equivalent Stats course in Level 1.

**COMPUTER SCIENCE I, COMPUTER SCIENCE I CO-OP**

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Calculus and Vectors U
3. Two of: Biology U, Chemistry U, Physics U, Earth and Space U, Computer and Information Science M (or Computer Science U), or Computer Engineering M (or Computer Engineering Technology M)
4. Completion of two additional U or M courses to total six courses

**Note:** Applicants are also expected to have completed Advanced Functions U.

**ENGINEERING I, ENGINEERING I CO-OP**

Admission to Engineering 1 (regular and co-op) is by selection. A minimum overall average of 87% or higher is required for application consideration. Applicants must complete a mandatory on-line assessment (2016 © Kira Talent) on the dates in February as specified each year. See Application and Documentation Deadlines, for specific deadline dates.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Calculus and Vectors U
3. Chemistry U
4. Physics U
5. Completion of two additional U or M courses to total six courses

**Note:** Applicants are also expected to have completed Advanced Functions U.

**ENVIRONMENTAL AND EARTH SCIENCES I**

The following are the minimum Grade 12 U and M requirements:

1. English U
2. One of Advanced Functions U or Calculus and Vectors U
3. One of Biology U, Chemistry U
4. One of Advanced Functions U, Biology U, Calculus and Vectors U, Chemistry U, Physics U
5. Completion of two additional U or M courses to total six courses

**Note:** Applicants are also expected to have completed Advanced Functions U.

**HONOURS HEALTH SCIENCES I**

The selection method is by consideration of academic and a mandatory Supplementary Application Form submitted electronically via the web: http://bhsc.mcmaster.ca/levels/levelI suppapp.html. A minimum overall average range of 90% or higher is required for application consideration. The Supplementary Application must be completed and submitted on-line by the specified deadline date. A review of the mandatory Supplementary Application is a very important component of the admission process. Applicants who do not complete the Supplementary Application will not be considered for admission.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. One of Advanced Functions U, Calculus and Vectors U, or Mathematics of Data Management U
3. Biology U
4. Chemistry U
5. One U or M non-math/non-science course (Note: courses in technological education, science or mathematics are not acceptable)
6. Completion of one additional U or M course in any subject area to total six courses

**HUMANITIES I**

The following are the minimum Grade 12 U and M requirements:
1. English U
2. Completion of additional U or M courses to total six courses

The Faculty of Humanities strongly recommends that you select at least one Grade 12 U or M course from Humanities subjects (Art, Drama, English, French, Français, other languages, History and Music). **Note:** In addition to Requirement 1 above, Biology U is strongly recommended for students planning to enter a Cognitive Science of Language program.

**HONOURS INTEGRATED SCIENCE I**

Candidates are required to complete a mandatory Supplementary Application Form which must be submitted electronically via the web at [http://www.science.mcmaster.ca/isci/prospective-students](http://www.science.mcmaster.ca/isci/prospective-students). The information provided in the supplementary application enters into the selection process. Only applicants with high academic standing will be selected. Successful candidates must present a minimum average in the high 80's.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Advanced Functions U
3. Calculus and Vectors U
4. Two of Biology U, Chemistry U, Physics U
5. Completion of one additional U or M course to total six courses

**HONOURS KINESIOLOGY I**

The following are the minimum Grade 12 U and M requirements:

1. English U
2. One of Advanced Functions U or Calculus and Vectors U
3. Biology U
4. Completion of three additional Grade 12 U or M courses to total six courses. Grade 12 U courses strongly recommended include Calculus and Vectors U and Exercise Science U. Applicants without Calculus and Vectors MCV4U will be required to take an equivalent Calculus course in Level I.

**INTEGRATED BIOMEDICAL ENGINEERING AND HEALTH SCIENCES I (regular and co-op)**

Admission to Integrated Biomedical Engineering and Health Sciences 1 (regular and co-op) is by selection. A minimum overall average of 90% or higher is required for application consideration. Applicants must complete a mandatory on-line assessment (2016 © Kira Talent) on the dates in February as specified each year. See Application and Documentation Deadlines, for specific deadline dates.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Calculus and Vectors U
3. Biology U
4. Chemistry U
5. Physics U
6. Completion of one additional U or M course to total six courses

**INTEGRATED BUSINESS AND HUMANITIES I**

Admission to Integrated Business and Humanities 1 is by selection. A minimum overall average of 88% or higher is required for application consideration. Applicants must complete a mandatory on-line assessment (2016 © Kira Talent) by February 1 each year.

The following are the Minimum Grade 12 U and M requirements:

1. English U
2. Calculus and Vectors U
3. Data Management U
4. Completion of three additional U and M courses to total six courses

**LIFE SCIENCES I**

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Advanced Functions U or Calculus and Vectors U
3. Biology U
4. One of Advanced Functions U, Calculus and Vectors U, Chemistry U or Physics U
5. Completion of two additional U or M courses to total six courses

**MATHEMATICS AND STATISTICS I**

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Advanced Functions U
3. Calculus and Vectors U
4. Completion of three additional U or M courses to total six courses

**MEDICAL RADIATION SCIENCES I**
Students considering the Medical Radiation Sciences I program should refer to the Regulations for License to Practice and Functional Demands in the Medical Radiation Sciences program in the Faculty of Science section of this calendar.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Advanced Functions U
3. Calculus and Vectors U
4. Biology U
5. Chemistry U
6. Completion of one additional U or M course to total six courses

MIDWIFERY I

Places in the Midwifery program are very limited and the admission process is highly competitive. Admission to the Midwifery Education Program is by selection. Application to the Midwifery program must be completed by February 1. In recent years an average range in the mid to high 80's has been required to move forward to the admissions interview stage. Interviews are by-invitation only.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. Biology U
3. Chemistry U
4. Completion of additional U or M courses to total six courses
5. To be eligible to apply students must obtain a minimum grade of 75% in each of the three required courses listed in points 1, 2, and 3 above AND an overall average, including the required courses, that is acceptable to the Program.

MUSIC I

The academic requirements are the same as for Humanities I. In addition, applicants to Music I or to the B.A. in Music must successfully complete a music audition/examination consisting of:

1. Demonstration of technique (a level equivalent to at least honours standing in Grade 8 of the Royal Conservatory of Music)
2. Performance (approximately 20 minutes duration) of two or three varied pieces of your choice (approximately Grade 8 honours level), including at least one from the 20th century
3. Ear test appropriate to the Grade 8 performance level
4. Written examination on rudiments of theory (Grade 2 level)
5. Interview

For comprehensive details, visit http://www.humanities.mcmaster.ca/audition/index.html
https://sota.humanities.mcmaster.ca/undergraduate-programs/music/

Auditions take place between February and April. You must make arrangements with the School of the Arts for your audition at sota@mcmaster.ca.

NURSING CONSORTIUM (CONESTOGA)
NURSING CONSORTIUM (MOHAWK)

Students interested in a McMaster (B.Sc.N.) Nursing degree have three location options: McMaster University, Mohawk College or Conestoga College. Each of the three sites offers the four-year program which uses the problem-based learning and small group tutorial educational model. For more information about the Mohawk and Conestoga College sites refer to the B.Sc.N. (A) Stream the School of Nursing, Faculty of Health Sciences portion of the Calendar. For full application instructions see http://ths.mcmaster.ca/nursing/education_undergrad_bscn.html as well as the Application Procedures section of this Calendar.

Admission to Nursing 1 at all sites is by selection. A minimum overall average of 85% or higher is normally required for application consideration. Additionally, applicants to Nursing must complete a mandatory on-line assessment (CASPer™) on the dates in February as specified each year. Test dates for 2017 are Tuesday, February 16 and Sunday, February 21 February 16 and February 26.

The following are the minimum Grade 12 U and M requirements:

1. English U
2. One of Advanced Functions U, Calculus and Vectors U, Mathematics of Data Management U
3. Biology U
4. Chemistry U
5. Completion of two additional U or M courses to total six courses

The selection method is by academic qualifications (minimum overall average range of 85% or higher is required for consideration) and a mandatory, online, 90-minute computer-based assessment of personal characteristics called CASPer™. Applicants who do not complete the CASPer™ test will not be considered for admission.

Health requirements for admission to Nursing 1: During the registration process, you must file with the University information pertaining to your state of health and immunization. Detailed instructions will be provided after acceptance into the program.

Students considering the Nursing 1 program should refer to the document Requisite Skills and Abilities for nursing practice in Ontario at the College of Nurses of Ontario www.cno.org.
CHEMICAL & PHYSICAL SCIENCES I

The following are the minimum Grade 12 U and M requirements:
1. English U
2. Advanced Functions U
3. Calculus and Vectors U
4. Chemistry U
5. Physics U
6. Completion of one additional U or M courses to total six courses

SOCIAL SCIENCES I

The following are the minimum Grade 12 U and M requirements:
1. English U
2. Completion of additional U or M courses to total six courses

Advanced Functions U or Calculus and Vectors U is strongly recommended for students planning to enter programs in Economics or Psychology, Neuroscience and Behaviour. Biology U is recommended for students planning to enter a program in Psychology, Neuroscience and Behaviour.

STUDIO ART I

McMaster offers Studio Art as a direct-entry level I program leading to a Bachelor of Fine Arts (BFA) degree. Admission to this program is by selection and requires a mandatory portfolio interview with the School of the Arts http://sota.mcmaster.ca/undergraduate/studio_art.html.

You must make arrangements for your portfolio interview with the School of the Arts at sota@mcmaster.ca.

B. Other Canadian Provinces and Territories

Subject Requirements for Level I Programs

In addition to the minimum requirements below, satisfactory completion of the specified subject requirements for the program to which you applied is also required. Please refer to our website http://future.mcmaster.ca noted below for more details.

Averages used to determine eligibility for admission and residence are calculated to two decimal points based on the minimum provincial requirements, including the prerequisite courses for the program to which you have applied.

Early Conditional Admission

Applications are reviewed for conditional admission as soon as all required documents, with sufficient course and grade data, are received by the Office of the Registrar, Admissions. All Canadian applicants should ensure that their schools (vs. the Provincial Ministry for those provinces where transcripts are issued by the Ministry), forward interim/midyear school grade reports showing marks for all courses taken during the Grade 11 and 12 years as well as all course registrations for the current academic year, as soon as they are available. The terms and conditions of the offer of admission are stated clearly on the offer letter. The Provincial Ministry final transcript confirming final grades and graduation status will be required at the end of the school year. Students from all other provinces where transcripts are issued by their high schools should have their schools forward the appropriate interim and final transcripts confirming graduation.

Applicants are required to meet the following minimum requirements including the specified subject requirements (not listed below) for their chosen program. For a complete listing of our specific course requirements by province and Level I program you may refer to our web site: http://future.mcmaster.ca/admissions/admission-requirements/

Alberta, Northwest Territories and Nunavut

Grade 12 high school diploma with five acceptable academic courses numbered 30 or 31, including English Language Arts 30-1.

British Columbia and Yukon

Grade 12 high school diploma with four acceptable Grade 12 academic courses (or equivalent), including English 12 or English 12 First Peoples. The Provincial Exam in English 12 or English 12 First Peoples is required and the blended mark with the reported high school grade will be used to calculate averages. In addition, students must achieve a passing grade in English 12/English 12 First Peoples in the Provincial Examination.

Manitoba

Grade 12 high school diploma with five acceptable Grade 12 academic courses numbered 40A or 40S, including one of English 40S or Anglais 40S.

New Brunswick

Grade 12 high school diploma with five acceptable Grade 12 academic courses numbered 120, 121, or 122, including English 121 or 122.
Newfoundland and Labrador
Grade 12 high school diploma with eleven acceptable Grade 12 academic credits at the 3000 level, including English 3201.

Nova Scotia
Grade 12 high school diploma with five acceptable Grade 12 academic courses (university preparatory Academic or Advanced), including English 12.

Prince Edward Island
Grade 12 high school diploma with five acceptable Grade 12 academic courses numbered 611 or 621, including English 621.

Québec
Grade 12 Diploma with six acceptable Grade 12 academic courses in the 600 series including English OR Year I CEGEP with twelve appropriate academic courses, including two English/Anglais 603 courses. Students completing Year II or III CEGEP who will or have achieved the DEC may be considered for advanced credit in their chosen program. The côte de rendement (R Score) is used for admission consideration.

Saskatchewan
Grade 12 high school diploma with five acceptable Grade 12 academic courses numbered 30, including both English A30 and B30.

C. International Baccalaureate Diploma
Applicants who have completed or will be completing the International Baccalaureate Diploma will be considered for admission to Level I, provided the completed diploma program includes the subject requirements of the program desired. Advanced credit of up to 18 units of study will be considered for Higher Level (HL) courses based on the achievement of final IB Diploma grades of 5 or greater.
For more information please refer to http://future.mcmaster.ca/admission/admission-requirements/

D. Advanced Placement (A.P.) Courses/Examinations
Applicants who have completed AP courses will be considered for admission to a Level I program. Applicants who have completed A.P. exams through the College Board in acceptable courses and achieve a minimum grade of 4 will be considered for up to 18 units of advanced credit. PLEASE NOTE: A.P. results from students who have completed the examinations as a challenge and have not taken the course at high school will not be considered as having completed the required prerequisite courses for admission consideration. For all students who have completed the full AP courses and the examinations through the College Board, an official copy of the final Advanced Placement Examination Results Report from the College Board is required as part of the advanced credit evaluation process.
For more information please refer to http://future.mcmaster.ca/admission/admission-requirements/

E. Other International Secondary School Qualifications
See the admission requirements for applicants from the more common international educational systems below. For all other education systems from around the world, please visit our website for the specific minimum requirements for your country's educational system.
Required subjects would be the same as required for Ontario and other Canadian students:
future.mcmaster.ca/admission/admission-requirements/
Applicants must arrange for official high school transcripts to be sent to McMaster University directly from their high school well in advance of the session to which they are applying. The equivalent of first-class standing will be required for admission consideration. Documents in a language other than English should be accompanied by notarized English translations. You will be considered for admission on an individual basis and you will not be allowed to attend the University until we have received official evidence that all conditions attached to your Offer of Admission have been fulfilled.
McMaster University may require students presenting documents that will form the basis of their admission to the university, from schools outside of North America, to have those documents authenticated via WES Canada http://www.wes.org/ca/index.asp. Students will be supplied with specific information in their official Offer of Admission letter.

American High School Curriculum
Applicants from the continental United States of America or international schools offering the American high school curriculum must satisfactorily complete a secondary school diploma with a minimum overall average of at least 80% in the Grade 12 academic program of an accredited American high school/International American Curriculum high school and must present all prerequisite courses for their chosen program. Admission is competitive and many programs will require grades/averages well above the minimum 80% for admission consideration. For complete requirements for American Curriculum applicants, please visit our website:
future.mcmaster.ca/admission/admission-requirements/
McMaster programs that have specific math and/or science prerequisites require Advanced Placement subjects only for those requirements. Non A.P. courses will not be deemed sufficient to meet the program prerequisites in the math and science subjects for students coming from American style curriculum schools. If applicants believe that their schools’ locally developed curriculum in math and science subjects is equivalent to all of the topics covered in A.P. level courses, then the applicant must provide the Office of the
Registrar, Admissions with a detailed and comprehensive syllabus supplied by their school for each course that they are seeking equivalency to A.P. level courses.

American Curriculum applicants must also present results from the Critical Reading and Mathematics components of SAT I with a minimum combined score of 1200 (minimum 580 Critical Reading, 520 Mathematics) OR a minimum combined score for the Redesigned SAT result of at least 1200 as a combined score with a minimum of 600 in each section OR from ACT with a minimum composite score of 27.

General Certificate of Education (G.C.E.)

Applicants from the General Certificate of Education system require a minimum of five G.C.E. subjects at least two of which must be at the Advanced Level or at least four Advanced Subsidiary AS Level courses with the balance of the subjects at the Ordinary Level. Advanced Level subjects must be appropriate to your chosen program.

Note: Many programs may require a minimum of three Advanced A2 Level courses or at least six Advanced Subsidiary AS Level courses.

For program specific requirements please refer to [http://future.mcmaster.ca/admission/admission-requirements/](http://future.mcmaster.ca/admission/admission-requirements/)

Other Countries or Educational Systems

For admission requirements from other education systems, please visit [http://future.mcmaster.ca/admission/admission-requirements/](http://future.mcmaster.ca/admission/admission-requirements/) to view our country-specific Admissions Requirements.

F. Home Schooled Applicants

Home schooled applicants who in addition to their home schooling experience have completed six Grade 12 U and M courses at an Ontario Ministry of Education inspected and approved school, or equivalent courses from another recognized academic jurisdiction may be considered for their program of choice providing they present the appropriate prerequisite courses on official transcripts from accredited schools and meet the required admission average. McMaster University is the sole arbiter of what is considered as equivalent level education and equivalent courses.

All other home schooled applicants may apply for admission consideration to Humanities I or Social Sciences I by presenting the following:

1. List of home school credentials including but not limited to structured curriculum completed through ACE (Accelerated Christian Education Program) or other such programs.
2. Portfolio of written work; normally, evidence of appropriate intellectual maturity is expected.
3. Results of standardized tests such as SAT, ACT. For SAT I, a minimum 1200 combined score for the Critical Reading and Math Components of the SAT I Tests is required. Minimum scores of 580 in Critical Reading and 520 in Mathematics are required. For ACT, a minimum composite score of 27 is required. Applicants must also present results from the Critical Reading and Mathematics components of SAT I with a minimum combined score of 1200 (minimum 580 Critical Reading, 520 Mathematics) OR a minimum combined score for the Redesigned SAT result of at least 1200 as a combined score with a minimum of 600 in each section OR from ACT with a minimum composite score of 27.

Interested applicants should contact the Office of the Registrar for further information regarding admission criteria.

G. Prior-Year Secondary School Graduates

Applicants who have previously completed a secondary school diploma and have not attended a post-secondary institution since graduation, may be considered for admission by presenting satisfactory standing in six required Grade 12 U and M courses (or equivalent) as identified in the Subject Requirements For Specific Level I Programs section in this calendar.

If you have attended a post-secondary institution after high school graduation, you would not be considered as an applicant from secondary school. See Admission/Transfer From Post-Secondary Institutions section in this calendar.

2. Admission/Transfer from Post-Secondary Institutions

A. From Universities

Most McMaster programs have enrolment limits and admission is by selection. Possession of the minimum admission requirements does not guarantee admission. Admission will be considered on a case by case basis and is not guaranteed.

When you transfer to McMaster University, you will normally receive credit for courses in which you have obtained at least a C- standing (as per the McMaster grading scale). Assessment of courses for transfer credit is subject to the guidelines of the individual Faculties.

As a transfer student, you must also satisfy the Residence Requirements set out in the General Academic Regulations section of this Calendar. The University will not accord to you privileges which would not be granted by your own university.

Grades obtained in courses taken at another university will not be included in McMaster's Grade Point Average, and, therefore, cannot be used to raise your standing.

If you have been required to withdraw from another university and have fulfilled your period of suspension, you may apply for admission. However, you must present a letter of explanation and clarification concerning your past academic performance. You may also be asked to provide academic documentation for proof of further academic achievement which is both current and relevant.
B. From Colleges of Applied Arts and Technology

Most McMaster programs have enrolment limits and admission is by selection. Possession of the minimum admission requirements does not guarantee admission. Admission will be considered on a case by case basis and is not guaranteed.

See the minimum admission requirements for Level I programs as listed below. You are considered for admission on an individual basis.

For information regarding the amount of available transfer credits when transferring from a College of Applied Arts and Technology, refer to the heading Transfer Credits in this section.

Arts and Science

1. Completion of a two or three-year diploma.
2. Successful completion of Grade 12 English U and one of Advanced Functions or Calculus and Vectors U.
3. Admission is by selection upon review of the mandatory supplementary application and college and high school transcripts to determine eligibility.

Note: Exceptional grades are normally required for admission consideration.

Bachelor of Technology

Automotive and Vehicle Technology I
Biotechnology I
Process Automation Technology I

1. Completion of a two or three-year diploma program in a related discipline.
2. A minimum cumulative GPA between 3.0 (75%) and 3.2 (80%).
3. Direct entry into Level III may be possible for graduates of specific three-year Advanced Diploma programs. All related diploma programs are considered on a case-by-case basis.
4. Completion of Grade 12 Calculus and Vectors U, Chemistry U and Physics U.

B. Tech. (Degree Completion Program)

1. Applicants to the Bachelor of Technology Degree Completion Programs must demonstrate successful completion of a related, advanced diploma from an Ontario College of Applied Arts and Technology, or equivalent, with a minimum of 75% cumulative average.
2. Applicants with 70% or greater in related, advanced diploma post-secondary academic programs may be admitted to the Certificate programs.
3. Applicants who graduated more than 10 years ago from related advanced diploma post-secondary academic programs will be considered on a case by case basis for admission.
4. All applicants to the B.Tech. Degree Completion Programs are required to complete and submit an on-line supplementary form (in lieu of a resume) as part of the application/admission process: http://mybtechdegree.ca/supplementaryform.html

Business

1. Completion of a minimum of a two or three-year diploma
2. A cumulative GPA of at least 80% or better.
3. Successful completion of two Grade 12 Advanced Functions U Grade 12 Calculus & Vectors U or Grade 12 Math of Data Management U course.

Chemical and Physical Sciences

1. Completion of a minimum of a two or three-year diploma program.
2. A minimum cumulative GPA of 80%.
3. Completion of Grade 12 Advanced Functions U, Calculus and Vectors U, Chemistry U and Physics U.
4. Admission is by selection upon review of high school and college transcripts to determine eligibility.
5. Application will be reviewed for transfer credits.

Computer Science (Regular and Co-Op)

1. Completion of a minimum of a two-year Engineering Technician or three-year Technologist diploma program.
2. A minimum cumulative GPA of 80%.
3. Successful completion of Grade 12 Calculus and Vectors U and two of Grade 12 Earth & Space Science U, Computer Engineering Technology M, Computer & Information Science U or M, Biology U, Chemistry U or Physics U.

Engineering (Regular and Co-Op)

1. Completion of a three-year Engineering Technology diploma program.
2. A cumulative GPA of at least 85% or better.
3. Successful completion of Grade 12 Calculus and Vectors U, Chemistry U and Physics U.
4. Successful applicants may be eligible for up to 30 units of transfer credits. Technician programs are not recognized as eligible for admission consideration to Engineering I.

**Environmental and Earth Sciences**
1. Completion of a minimum of a two-year diploma.
2. A minimum cumulative GPA of at least 80%.
3. Completion of Grade 12 Advanced Functions U or Calculus and Vectors U; and Biology U or Chemistry U; and one of Advanced Functions U, Calculus and Vectors U, Biology U, Chemistry U or Physics U.
4. Admission is by selection upon review of high school and college transcripts to determine eligibility.

**Bachelor of Health Sciences (Honours)**
Admission is not assessed based on CAAT achievement. It is based on high school admission criteria only.

**Humanities**
1. Completion of a Certificate program or at least one year of work in a diploma program.
2. A minimum cumulative GPA of 80%
3. Transfer credit will be reviewed on a case-by-case basis.

**OR**
1. Completion of a two or three-year diploma program.
2. A minimum cumulative GPA of 75%.
3. Application will be reviewed for transfer credit.

**Honours Integrated Sciences**
Admission is not assessed based on CAAT achievement. It is based on high school admission criteria only.

**Honours Kinesiology**
1. Completion of a minimum of a two or three-year diploma program.
2. A minimum cumulative GPA of 88%.
3. Successful completion of Grade 12 courses in Advanced Functions U or Calculus and Vectors U; and Biology U.
4. Admission is by selection upon review of high school and college transcripts to determine eligibility.

**Note:** All students accepted into this program will be required to complete the Level I required Kinesiology courses.

**Integrated Biomedical Engineering and Health Sciences (Regular and Co-op)**
Admission is not assessed based on CAAT achievement. It is based on high school admission criteria only.

**Integrated Business and Humanities**
Admission is not assessed based on CAAT achievement. It is based on high school admission criteria only.

**Life Sciences**
1. Completion of a minimum of a two or three-year diploma program.
2. A minimum cumulative GPA of 88%.
3. Completion of Grade 12 Advanced Functions U or Calculus and Vectors U; and Biology U; and one of Advanced Functions U, Calculus and Vectors U, Biology U, Chemistry U or Physics U.
4. Admission is by selection upon review of high school and college transcripts to determine eligibility.

**Mathematics and Statistics**
1. Completion of a minimum of a two or three-year diploma program.
2. A minimum cumulative GPA of 80%.
3. Completion of Grade 12 Advanced Functions U and Calculus and Vectors U.
4. Admission is by selection upon review of high school and college transcripts to determine eligibility.

**Medical Radiation Sciences**
Admission is not assessed based on CAAT achievement. It is based on high school or prior university degree study admission criteria only. Students with the appropriate admission criteria who have also completed a two or three-year college diploma program with a minimum Grade Point Average of at least 80% may be considered for up to 6 units of unspecified credits for the college work.

**Midwifery**
For admission requirements see Midwifery Program (B.H.Sc.) in the Faculty of Health Sciences section.

**Music**
1. Completion of a three year diploma program in Applied Music from Mohawk College.
2. A minimum cumulative GPA of 75%. (Audition will be waived and, depending on grades achieved, applicants may receive up to 63 units of advanced credit.)
Nursing
1. Completion of an Ontario one-year certificate in Pre-Health sciences as full-time studies.
2. Applicants who have completed previous university degree studies will NOT be considered based on a previous or subsequent Pre-Health certificate from college.
3. A minimum cumulative GPA equivalent to the required high school admission average of 3.4 (85%).
4. Completion of at least two semesters in length and includes at least one full (two semesters) or two half courses in each of Biology, Chemistry, English and Mathematics. Applications will not be considered from applicants who possess credit only in the required subjects.
5. The selection method is by academic qualifications (minimum overall average range of 85% or higher is required for consideration) and a mandatory, online, 90-minute computer-based assessment of personal characteristics called CASPer™. Applicants who do not complete the CASPer™ test will not be considered for admission.
6. Transfer credit will not be granted for any pre-health science courses.

Social Sciences
1. Completion of a Certificate program or at least one year of work in a diploma program.
2. A minimum cumulative GPA of 80%.
3. Transfer credit will be reviewed on a case-by-case basis.
OR
1. Completion of a two or three-year diploma program.
2. A minimum cumulative GPA of 75%.
3. Application will be reviewed for transfer credit.

Studio Art (B.F.A.)
1. Completion of a Certificate program or at least one year of work in a diploma program.
2. A minimum cumulative GPA of 80%.
3. Transfer credit will be reviewed on a case-by-case basis.
OR
1. Completion of a two or three-year diploma program.
2. A minimum cumulative GPA of 75%.
3. Application will be reviewed for transfer credit.
4. Submission of a mandatory Portfolio is required. Selection for the program will be based on a combination of the Portfolio interview quality of college and high school grades and relevance of previous college work to the program. Please review portfolio requirements on the School of the Arts website: http://sota.mcmaster.ca/undergraduate/studio_art.html

C. University Graduates Applying for a Second Bachelor's Degree
Admission is by selection. If you have a first non-Honours degree, you may apply to take an Honours second degree in the same subject area or a second degree in another discipline. Please note the following exceptions: B.Arts Sc.(Arts & Science), B.Com. (Bachelor of Commerce), B.Com. (Honours), B.H.Sc. (Bachelor of Health Sciences (Honours)), B.Sc. (Honours) in Integrated Science (ISCI), Honours B.Sc. Kinesiology, Integrated Biomedical Engineering and Health Sciences, Integrated Business and Humanities and any Honours Multimedia program cannot be done as second degree programs. The requirements are set out in the General Academic Regulations section of this Calendar.

If you wish to enter a Second Bachelor's Degree in a subject area from the Faculty of Science, please note that admission to all limited enrolment programs, with the exception of Medical Radiation Sciences 1, may not be possible. Second Degree applicants to all Science programs except Medical Radiation Sciences 1 are not eligible to apply to or be admitted to any of the other first year Science programs. Second Degree applicants must have already completed all first year requirements for the second year program they wish to apply to with the exception of Medical Radiation Sciences 1. See Limited Enrolment Programs in the Faculty of Science section of this Calendar for a list of programs. Please contact the Office of the Associate Dean (Academic) of the Faculty of Science for further information (see the Application Procedures section).

If you are a McMaster graduate or potential graduate, you may be able to use the McMaster University returning Student application (see the Application Procedures section).

D. Continuing Students
At McMaster, a Continuing Student is defined as a graduate from an undergraduate program, who wishes to take more undergraduate courses, either out of general interest or to upgrade or obtain courses required for future applications to graduate studies or other professional programs. To be eligible to take courses as a Continuing Student you will be expected to have an undergraduate university degree and at least a C average, with no failures, in your final year's work (or the equivalent, in the case of a degree taken through part-time studies), and academic records which are satisfactory to the Department and the Office of the Associate Dean of the appropriate Faculty. *Please Note: not all courses are available to Continuing students and course prerequisites for selected courses must be met. Also note that admission as a Continuing student does not guarantee registration in courses of interest to the student.
McMaster Graduates

If you are a graduate of a McMaster undergraduate degree program and wish to become a Continuing Student, you do not need to apply for admission. Graduates who have not attended courses for more than two years will need to contact the Office of the Registrar prior to attempting to enrol for courses.

Graduates from Other Universities

As a Continuing Student with a non-McMaster degree, you must apply formally for admission in the first instance. In subsequent sessions, you will only be required to enrol.

Acceptance as a Continuing Student carries no implications with respect to acceptance in the School of Graduate Studies. If you plan to proceed to a graduate degree you should apply directly to the specific department of your program of interest.

E. From Six Nations Polytechnic

McMaster University, along with four other universities, partnered with Six Nations Polytechnic to offer university courses in the community of Six Nations. The courses offered are eligible for transfer credit at any of the universities within the consortium. For more information please contact the Aboriginal Recruitment & Retention Officer at (905) 525-4600 Indigenous Student Services at 905 525-9140, ext.27459 or indigservices@mcmaster.ca.

F. From Post-Secondary Institutions with Religious Affiliation

Undergraduate general academic studies taken at colleges with religious affiliation that are member institutions of specific accredited associations will be considered for admission and transfer credit on a case by case basis. Applicants from a non-accredited postsecondary institution with religious affiliation will be considered for admission based on completion of a Grade 12 high school diploma.

3. Other Categories of Admission

A. Part-time Admission

Students interested in beginning studies on a part-time basis should review the requirements and information found in the following sections of this Calendar:

- Admission Requirements
- Application Procedures
- General Academic Regulations
- Sessional Dates
- Program descriptions found in the specific Faculty sections

Applicants who wish to pursue undergraduate studies on a part time basis at McMaster must meet one of the admissions criteria outlined in the sections above. If applicants do not meet any of these criteria, they may qualify for Mature Student Admission as outlined under the heading Mature Student Admission below.

Detailed information can be found on our website: http://future.mcmaster.ca/admission/process/105pt.

B. Mature Students (Admission)

If you do not qualify for admission consideration under one of the above categories, McMaster will assess your eligibility as a mature student. You may be considered for limited admission, provided both of the following conditions are satisfied:

1. You have not attended secondary school or college on a full-time basis for at least two years.
2. You have never attended university.

Applicants admitted as mature students will not be granted transfer credit. Programs in the Faculties of Humanities and Social Sciences have no specific course requirements for mature student admission. The following Level I programs have specific course requirements that mature applicants must present from secondary school, as outlined:

- **Business I**: requires one Grade 12 U Mathematics course (or equivalent).
- **Chemical and Physical Sciences I**: requires satisfactory standing in four Grade 12 U mathematics and science courses (or equivalent) as specified under the heading Subject Requirements For Specific Level I Programs.
- **Environmental and Earth Sciences I**: requires satisfactory standing in three Grade 12 U mathematics and science courses (or equivalent) as specified under the heading Subject Requirements For Specific Level I Programs.
- **Life Sciences I**: requires satisfactory standing in three Grade 12 U mathematics and science courses (or equivalent) as specified under the heading Subject Requirements For Specific Level I Programs.
- **Mathematics and Statistics I**: requires satisfactory standing in two Grade 12 U mathematics courses -- Advanced Functions U and Calculus and Vectors U as specified under the heading Subject Requirements For Specific Level I Programs.
- **Midwifery I**: does not offer mature admission directly to the program. However, students interested in Midwifery may be admitted as a mature student to another program in order to complete a minimum of six university courses (18 units) in their program of admission before applying to the Midwifery Education Program.
• **Nursing I does not offer mature admission directly to the program.** However, students interested in Nursing may be admitted as a mature student to another program in order to complete university prerequisite courses for later consideration for admission to Nursing I. Possession of the minimum admission requirements does not guarantee an offer of admission.

Contact the School of Nursing for more details.


If admitted to a program as a mature student, you may register to take up to 18 units of course work (normally Level I courses) during the Fall/Winter session with no more than nine units in each term (three courses). Within the first 18 units, mature students will be limited to taking three units in each term of the Spring/Summer session.

Upon completion of 18 units, your performance will be reviewed according to the general academic regulations of the university. (See Level I Registration and Academic Standing Requirements under General Academic Regulations).

**C. Visiting Students (Letter of Permission - For Credit at Another University)**

If you are a student currently attending another university, you may apply to take McMaster courses for credit at your own/home institution. Please note, not all courses are available for credit outside McMaster and all are subject to enrolment limits, so it is important that all applicants adhere to McMaster application deadlines.

You must initially apply through the Ontario Universities’ Application Centre (OUAC) and send your Letter of Permission and an official transcript from your home institution directly to the Office of the Registrar, Admissions. Upon receipt, your transcript will be reviewed to ensure you have met the prerequisites for courses you plan to take at McMaster. Approval of your application as a Visiting Student does not guarantee your enrolment in a course.

Subsequent requests to take courses on a Letter of Permission do not require another application; however you must send an updated Letter of Permission and a current official transcript from your home institution to the Office of the Associate Dean of the Faculty offering the course at McMaster. If you are attempting to register in courses offered by more than one Faculty, you must obtain approval from each Office of the Associate Dean.

**D. Graduates of McMaster Certificate/Diploma Programs**

If you have completed certificate or diploma programs from McMaster, you may be granted advanced credit up to maximum specified by Undergraduate Council upon successful completion of the certificate/diploma program. Faculties will take into account the subject matter of both the certificate and degree programs. The credit will normally be applied against your elective courses. For more information concerning the amount of advanced credit granted, please refer to the Certificate and Diploma Programs section of this Calendar.

**E. Post-Degree Students**

If you are a university graduate or a person with professional qualifications who wishes to take one or more graduate courses but not proceed to an advanced degree, you may apply to McMaster as a post-degree student. To enroll as a post-degree student, you must apply to the appropriate departments and have your admission and registration approved by the School of Graduate Studies for each session in which you wish to take courses. You will register and pay fees as a graduate student.

Acceptance as a post-degree student carries no implications with respect to admission to advanced degrees, and even if such admission is granted subsequently, credit toward the advanced degree will not normally be granted for the work previously taken.

**F. Listeners**

If you are uncertain about degree courses, you may register as a listener in a degree course, but not for credit. You attend all classes, but do not complete any of the essays, tests and other formal requirements. You do not receive a grade for courses that you attend. Some students have eased their way into degree study with this option, subsequently applying for admission and enrolling in further courses for credit. Please note not all courses are available to Listeners. Please see http://www.mcmaster.ca/bms/student/index.htm for any applicable fees. For more information please contact the Office of the Registrar.

Written permission to attend must be obtained from the instructor delivering the course. An I.D. card cannot be issued until permission has been obtained.

**G. Enrichment Program for Secondary School Students**

If you are an outstanding Grade 12 student and wish to enroll in a university-level course while completing Grade 12 U and M courses in your final year of study, you may apply for the Enrichment Program. For more information contact the Office of the Registrar at (905) 525-4600.

**H. Former McMaster Degree Students (Returning Students)**
Readmission
If you are a former McMaster student who voluntarily withdrew from an undergraduate program more than five years ago (and have not attended another university or completed a college diploma elsewhere) and you wish to return to your studies, then you must apply for Readmission. Students from the School of Nursing must apply for Readmission regardless of time elapsed following voluntary withdrawal.

If you were enrolled (have a record of course enrolment) within the last five years and you left the university in good academic standing (and have not attended another university or completed a college diploma elsewhere), then it is not necessary for you to apply for Readmission. Normally, you will be permitted to enrol in your previous program or another program for which you qualify. You must contact the Office of the Registrar directly in order to have your status reactivated prior to enrolment: (905) 525-4600.

Reinstatement
See the General Academic Regulations section in this Calendar.

Second McMaster Degree
See University Graduates Applying for a Second Bachelor's Degree in this section of the Calendar.

Continuing Studies
See Continuing Students in this section of the Calendar.

4. Transfer Credits

A. General Policy on the Transfer of University Course Credits
To facilitate program completion by undergraduate students seeking to transfer course credit from an accredited university to McMaster, the University has implemented the following principles:

1. Acceptance of transfer credits from accredited universities shall be based on the recognition that, while learning experiences may differ in a variety of ways, their substance may be essentially equivalent in terms of their content and rigour. Insofar as possible, acceptance of transfer credit shall allow for the maximum recognition of previous learning experience in university-level courses;

2. Subject to degree, grade and program requirements, any course offered for credit by an accredited university shall be accepted for credit by McMaster when there is an essential equivalency in course content. However, no course for which a grade of less than C- (60%) has been achieved will be considered.

3. Evaluation of all possible transfer credits available at the time of admission must be completed within one year of the date of admission to the University.

B. From Colleges of Applied Arts and Technology
Normally, if you are a well-qualified graduate of a three-year program and the college work is appropriate to your chosen university program, you could receive up to 30 units of transfer credit. If you have completed a two-year program and performed well, transfer credit will be reviewed on a case-by-case basis.

Credit beyond this may be given on an individual basis where the college and university programs are in similar areas, and where your academic record warrants special consideration.

In the granting of credit, attention will be given to:

1. your performance in the college program;
2. the duration of the college program;
3. the program taken at the college and the program to which entry is sought;
4. your secondary school record.

Each case will be considered individually on its own merits for the program desired.

C. Advanced Credit
Subject to the discretion of the Faculty, advanced credit may be granted if you have completed the International Baccalaureate (I.B.) Diploma, the Advanced Placement (A.P.) Program and the College Board examinations or the General Certificate of Education (G.C.E.) and you have met the minimum requirements prescribed. Advanced credit may shorten your degree program at McMaster.

D. Credit in Courses by Special Assessment (Challenge Examinations)
If you have acquired knowledge at a different type of institution or in a manner that makes assessment of your qualifications difficult, you may be permitted to seek degree credit through special assessment (Challenge for Credit).

Challenge for credit is not intended to give credit for skills or knowledge gained through high school, college or previous university instruction. The special assessment may include one or more of the following: written examinations, papers, essays, submissions of a substantial body of work, or portfolios, or laboratory tests. Credit can be granted only for those courses listed in the current McMaster calendar. Not all courses in all disciplines are available for challenge. Faculties and departments are free to determine which, if any, of their courses are open for special assessment. Challenges are assessed on a pass/fail basis. The passing grade for a challenge
appears on the transcript as COM (Complete) and is not used in computing averages or evaluating honours or scholarship standing, but is counted as a course attempt. Unsuccessful attempts will be noted on the transcript. Special Assessment is not available for a course taken previously and a course may be attempted only once by special assessment. Once you have registered for a course by such means (known as challenge exams) the registration may not be cancelled and you may not withdraw from the course. Waivers of prerequisites only (ie. no degree credit) will be at the discretion of the department.

5. English Language Proficiency
If you have been asked to meet our English Language Proficiency requirement, you must demonstrate English language proficiency by achieving the minimum requirements as specified by McMaster. The university reserves the right to require applicants with an English Language Proficiency score disparate from their English prerequisite subject grade to present further evidence of achievement. You may review acceptable tests of English Language Proficiency and minimum score requirements on our web site [http://future.mcmaster.ca/admission/admission-requirements/language/](http://future.mcmaster.ca/admission/admission-requirements/language/). It is your responsibility to make all arrangements regarding the writing of the English Language Proficiency tests and to have the official score report forwarded to the Enrolment Services, Office of the Registrar, Admissions Office directly from the testing center in a timely manner.

At the discretion of the university, you may be exempted from this requirement if you meet one of the following requirements:

i. Attended immediately prior to application to McMaster, in full-time academic studies (non-ESL), an accredited Secondary School (High School) or Post-Secondary College in an English-speaking country for at least three years, OR

ii. Attended immediately prior to application to McMaster, in full-time academic studies (non-ESL), an accredited English medium Secondary School (High School) or Post-Secondary College for at least three years.* OR

iii. Attended immediately prior to application to McMaster, in full-time academic studies (non-ESL), an accredited English medium University for at least one year, OR

iv. Resided in an English speaking country for at least four years immediately prior to application to McMaster.

*Please note that the Undergraduate MD program requires a minimum of three years of study at an English-medium university. More information about the admission requirements for Medicine at McMaster can be found at: [http://www.fhs.mcmaster.ca/mdprog](http://www.fhs.mcmaster.ca/mdprog).

Statements for Application Fraud
If McMaster concludes based on reasonable grounds that the applicant has falsified any information presented to the University as part of his or her application, without limiting any other rights of McMaster available at law, McMaster reserves the right to revoke the offer and, subject to applicable law and University Policy, to terminate a student's registration.

Without limiting McMaster's General Statement on Collection of Personal Information and Protection of Privacy, please take note that McMaster University collects and retains personal information of applicants for admissions to McMaster University under the authority of The McMaster University Act, 1976. This information may be used for the administration of admissions and registration and, subject to McMaster University policies (as may be amended or revoked from time to time), McMaster may disclose any evidence of misrepresentation, fraud or falsification of admissions documentation to other educational institutions, to government agencies, to law-enforcement agencies and to other relevant third parties. The information you provide on any application for admissions will be protected and used in compliance with Ontario's Freedom of Information and Protection of Privacy Act (RSO 1990) and will be disclosed only in accordance with this Act. If you have any questions about the collection and use of this information please contact the University Registrar, University Hall, Room 209, Student Records, Gilmour Hall, Room 108, or the University Secretary, Gilmour Hall, Room 210, McMaster University.

**Bridging Program: McMaster English Language Development Diploma (MELD) Program**

**Department of Linguistics and Languages (Faculty of Humanities)**

Phone: (+1) 905.525.9140 Ext. 23718

Email: meld@mcmaster.ca

Web: [http://meld.mcmaster.ca](http://meld.mcmaster.ca)

Students who meet the academic admission requirements for their choice of Level 1 program, but do not meet McMaster's English Language Proficiency requirement may be admitted to the MELD bridging program which has been developed for international students, providing them with a supportive environment in which they can succeed. The diploma is a two-term, full-time intensive bridging program in English language development, acculturation and engagement.

Students accepted into MELD are given a conditional offer of admission to their program of choice, pending successful completion of the MELD diploma. Once the diploma in MELD has been successfully completed, the student may register in the program to which he/she was given conditional admission and will have completed 6 units of degree credit courses in Linguistics that may be applied as electives to that program. In exceptional circumstances, MELD will consider transfers from other McMaster programs.

**Program**

**Term 1 (September - December)**

- MELD 1A03 - Academic Writing and Integrity
• MELD 1B03 - English Phonetics and Pronunciation
• MELD 1C03 - Academic Reading and Listening Skills
• MELD 1D03 - Social Perspectives on Language
• LINGUIST 1Z03 - Sounds, Words & Meaning in Modern English (degree credit course)

Term 2 (January - April)
• MELD 1AA3 - Advanced Academic Writing
• MELD 1BB3 - Advanced Speaking and Presentation Skills
• MELD 1CC3 - Advanced Academic Reading Skills
• MELD 1DD3 - Academic Success
• LINGUIST 1ZZ3 - Sentence & Communication Structure in Modern English (degree credit course)

Please visit meld.mcmaster.ca for more information or email meld@mcmaster.ca.
Application Procedures

HOW TO APPLY

1. Determine the appropriate application form and/or procedures. (See Categories of Admission below.)
2. Determine application deadline. (See Application and Documentation Deadlines in this section.)
3. Refer to the Admission Requirements and specific Faculty sections of this Calendar for further information.
4. Complete and submit your application as directed.
5. Submit all required documentation to McMaster. (See Documents in this section.)
6. Once your application has been received, McMaster's Office of the Registrar, Admissions will provide you with an acknowledgment of receipt of your application plus further instructions/details about tracking your application.

1. Categories of Admission

A. Current Ontario High School Students

You should complete the 101 application if you meet ALL of the following requirements:

- You are taking courses during the day at an Ontario secondary school (this includes students returning for second semester and graduated students returning to upgrade one or more courses)
- You have not, at some point, been out of secondary school for more than seven consecutive months
- You will have received or expect to receive your Ontario Secondary School diploma (OSSD) with six 4U/M courses at the end of the current year
- You have not attended a postsecondary (college/university/career college) institution
- You are applying to the first year of an undergraduate degree program or diploma program at an Ontario university

Use the Compass 101 on-line application at www.ouac.on.ca/101/. Please consult with your secondary school guidance office regarding this application process.

B. All Other Canadian High School Students

If you are currently attending secondary school outside of Ontario or have recently completed a secondary school diploma in any Canadian province or territory

- Use the OUAC 105D on-line application at www.ouac.on.ca/105/.

C. High School Students with International Qualifications

If you are currently attending or have recently completed a secondary school program outside of Canada

- Use the OUAC 105F on-line application at www.ouac.on.ca/105/.

D. University/College Transfer/Continuing Students

If you are currently registered in or have completed an undergraduate degree program at another university and wish to attend McMaster OR
If you are currently registered in or have attended or completed a college diploma program and wish to attend McMaster

- Use the OUAC 105 on-line application at www.ouac.on.ca/105/. Applicants residing in Canada (Canadian citizens, permanent residents or applicants studying in Canada on a student permit or other visa) should use the 105D form. Applicants currently residing outside of Canada who are not Canadian citizens nor Permanent Residents should use the 105F form.

E. Nursing Consortium Programs

If you are interested in applying to McMaster's Nursing (B.Sc.N.) program at the Mohawk College or Conestoga College sites

- Apply on-line through the Ontario College Application Services (OCAS) at www.ucas.on.ca/.

F. Previous McMaster Degree Students (Returning Students)

1. Readmission: If you are a former McMaster student with a record of course enrolment, who was in good standing and who voluntarily withdrew from an undergraduate program more than five years ago (providing you have not attended another university nor received a college diploma since last registered at McMaster). If you are a former Nursing student, you must apply for readmission regardless of the amount of time that has elapsed. Apply on-line at: future.mcmaster.ca/admission/process/returning/

2. McMaster Second Degree: If you are a McMaster graduate or potential graduate at the end of your current academic term and wish to pursue a second undergraduate degree (providing you have not attended another university nor received a college diploma since last registered at McMaster).

- Use the McMaster Returning Student Application to apply on-line at future.mcmaster.ca/admission/process/returning/
3. **Reinstatement:** If you are a former McMaster student who was required to withdraw from studies at McMaster.
   - Obtain the *Reinstatement Request Form* from the Office of the Registrar, Gilmour Hall, Room 108, McMaster University, Hamilton, Ontario, L8S 4L8.

4. **Continuing Student:** If you are a McMaster graduate from an undergraduate program and wish to become a Continuing Student.
   - You do not need to apply for admission.

**G. Visiting Students (Letter of Permission - For Credit at Another University)**

If you are currently enrolled at another university and wish to attend McMaster to take courses on a Letter of Permission for credit at that university

- Use the OUAC 105 on-line application at [www.ouac.on.ca/105/](http://www.ouac.on.ca/105/) to apply for full-time studies.
- Use the Part-Time Degree Studies application to apply on-line (to McMaster only) at [future.mcmaster.ca/admission/process/105pt/](http://future.mcmaster.ca/admission/process/105pt/) to apply for part-time studies.

**H. Part-Time Degree Studies at McMaster Only**

If you wish to begin undergraduate studies on a part-time basis (enrolled in less than 18 units of study)

- If your intention is to apply to McMaster for part-time studies then use the Part-Time Degree Studies application to apply on-line (to McMaster only) at [future.mcmaster.ca/admissions/process/105pt/](http://future.mcmaster.ca/admissions/process/105pt/)
- If you wish to apply to other Ontario universities as well as McMaster, use the OUAC 105 application to apply on-line at [www.ouac.on.ca/105/](http://www.ouac.on.ca/105/).

- Use the OUAC 105 on-line application at [www.ouac.on.ca/105/](http://www.ouac.on.ca/105/).

**I. Post-Degree Studies**

If you wish to register as a post-degree student (taking graduate courses but not proceeding to an advanced degree)

- Download the Post-Degree Studies Application from [http://graduate.mcmaster.ca/prospective-students/application-procedure](http://graduate.mcmaster.ca/prospective-students/application-procedure) or contact the Graduate Studies Office, Gilmour Hall, Room 212, McMaster University, Hamilton, Ontario, L8S 4L8. Use the form for information on how to apply to the appropriate academic department(s).

**J. Medical Program**

See the heading Admission Policy for the Medical Program in the Faculty of Health Sciences section of this Calendar.

**2. Documents**

**A. Required Documents**

A complete application includes: an application form, relevant transcripts and all other documentation stipulated in the Admission Requirements and specific Faculty sections of this Calendar, in letters from the appropriate Faculty and/or in letters from Office of the Registrar, Admissions.

You must provide McMaster with official transcripts of marks and/or certificates from all secondary and post-secondary institutions you have attended. An official transcript is a signed and sealed record of academic achievement issued and sent by an academic institution directly to McMaster University, Office of the Registrar, Admissions.

If you are currently attending secondary school, please see your guidance counselor to request that your transcript be sent by your school to McMaster. If you have previously attended secondary school in another province, you may need to submit a request for a transcript containing your secondary school marks from the Ministry or Department of Education in that province.

Where documentation from a school outside of Canada is in a language other than English, you must provide official transcripts in the original language as well as official, notarized English translations.

If McMaster concludes based on reasonable grounds that the applicant has falsified any information presented to the University as part of his or her application, without limiting any other rights of McMaster available at law, McMaster reserves the right to revoke the offer and, subject to applicable law and University Policy, to terminate a student's enrolment.

Without limiting McMaster's General Statement on Collection of Personal Information and Protection of Privacy, please take note that McMaster University collects and retains personal information of applicants for admissions to McMaster University under the authority of The McMaster University Act, 1976. This information may be used for the administration of admissions and registration and, subject to McMaster University policies (as may be amended or revoked from time to time), McMaster may disclose any evidence of misrepresentation, fraud or falsification of admissions documentation to other educational institutions, to government agencies, to law-enforcement agencies and to other relevant third parties. The information you provide on any application for admissions will be protected and used in compliance with Ontario's Freedom of Information and Protection of Privacy Act (RSO 1990) and will be disclosed only in accordance with this Act. If you have any questions about the collection and use of this information please contact the...
B. Retention of Documents

All documentation submitted in support of your application for admission becomes the property of the University and is not returnable.

If you are not accepted, or you fail to enroll following acceptance, your documentation will be destroyed at the end of the admissions cycle. If you reapply, you must submit any new academic information in addition to the documentation submitted previously.

3. Application and Documentation Deadlines

All programs have enrolment limits and may become full prior to published deadlines. Therefore, applying early and submitting all of the required documentation in support of your application in a timely manner may improve your chances of consideration for admission.

Application fees are non-refundable so we strongly advise you to review our admission requirements carefully before applying, to determine your academic eligibility for consideration for admission. See the Admission Requirements section of this Calendar for information about the academic requirements. The University reserves the right, at its sole discretion, not to accept, process or adjudicate applications or amendments to applications to any program at any time.

### Fall and Winter Terms

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>APPLICATIONS</th>
<th>MANDATORY SUPPLEMENTARY APPLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts &amp; Science</td>
<td>February 1</td>
<td>February 1</td>
</tr>
<tr>
<td>Biomedical Discovery &amp; Commercialization (Level III entry)</td>
<td>February 1</td>
<td>February 1</td>
</tr>
<tr>
<td>Engineering 1 (Regular and Co-op)</td>
<td>January 15</td>
<td>Kira© Assessment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assessment dates available February 1 to February 14 after payment via: <a href="http://www.eng.mcmaster.ca/future/apply.html">http://www.eng.mcmaster.ca/future/apply.html</a></td>
</tr>
<tr>
<td>Health Sciences I</td>
<td>February 1</td>
<td></td>
</tr>
<tr>
<td>Health Sciences (Above Level I)</td>
<td>April 1</td>
<td>April 1</td>
</tr>
<tr>
<td>Honours Integrated Science I</td>
<td>February 1</td>
<td>February 1</td>
</tr>
<tr>
<td>Integrated Biomedical Engineering &amp; Health Sciences 1 (Regular and Co-op)</td>
<td>January 15</td>
<td>Kira© Assessment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assessment dates available February 1 to February 14 after payment via: <a href="http://www.eng.mcmaster.ca/IBEHS/admissions.html">http://www.eng.mcmaster.ca/IBEHS/admissions.html</a></td>
</tr>
<tr>
<td>Integrated Business &amp; Humanities</td>
<td>February 1</td>
<td>Kira© Assessment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assessment dates available mid-December-February 1</td>
</tr>
<tr>
<td>Midwifery (including submission of all official transcripts)</td>
<td>February 1</td>
<td>February 1N/A</td>
</tr>
<tr>
<td>Physician Assistant (including submission of all official transcripts)</td>
<td>February 1</td>
<td>February 1</td>
</tr>
<tr>
<td>Social Work</td>
<td>December 1</td>
<td>March 1</td>
</tr>
<tr>
<td>Nursing I: Secondary School Applicants</td>
<td>February 1</td>
<td>CASPer™ Assessment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two available dates for mandatory participation: Tuesday, February 16, 2016, and Sunday, February 26, 2017</td>
</tr>
</tbody>
</table>
Nursing university transfer applicants from programs other than Nursing and applicants from college pre-health programs (including submission of all official transcripts) February 1 CASPer™ Assessment Two available dates for mandatory participation: Tuesday, February 16, 2016 and Sunday, February 26, 2016.
For full detail regarding required the CASPer™ Assessment: http://nursing.mcmaster.ca/education_undergrad_bscn.html

Nursing Basic-Accelerated Stream (above level I) (including submission of all official transcripts) February 1 CASPer™ Assessment Two available dates for mandatory participation: Tuesday, February 16, 2016 and Sunday, February 26, 2016.
For full detail regarding required the CASPer™ Assessment: http://nursing.mcmaster.ca/education_undergrad_bscnaccel.html

All Other McMaster Programs for Fall and Winter Terms

<table>
<thead>
<tr>
<th>Application Deadline</th>
<th>Supporting Documentation Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ontario High School Applicants</td>
<td>January 1311</td>
</tr>
<tr>
<td>Domestic Applicants</td>
<td>April 1</td>
</tr>
<tr>
<td>International Applicants</td>
<td>April 1</td>
</tr>
<tr>
<td>B.Tech. Degree Completion Program Only - January Entry</td>
<td>November 15</td>
</tr>
</tbody>
</table>

Spring/Summer Term

<table>
<thead>
<tr>
<th>Domestic Deadline</th>
<th>International Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>May Entry (Term 1 or 3)</td>
<td>April 1</td>
</tr>
<tr>
<td>Supporting Documentation for May Entry</td>
<td>April 1</td>
</tr>
<tr>
<td>June Entry (Term 2)</td>
<td>May 15</td>
</tr>
<tr>
<td>Supporting Documentation for June Entry</td>
<td>May 15</td>
</tr>
</tbody>
</table>

Former McMaster Students: Re-admission / Re-instatement Deadlines for Fall and Winter Terms

<table>
<thead>
<tr>
<th>Domestic Deadline</th>
<th>International Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Re-instatement Deadline</td>
<td>June 30</td>
</tr>
<tr>
<td>Re-admission Deadline</td>
<td>July 15</td>
</tr>
<tr>
<td>Nursing Deadline</td>
<td>February 1</td>
</tr>
</tbody>
</table>

Academic Counselling for Admitted Students

If you are offered admission to a program at McMaster, you will be asked to confirm that you have accepted the offer of admission and will attend the University. Your admission package will include information regarding acceptance procedures for the offer of admission, specified deadline for your acceptance and registration procedures. Offer of admission acceptance deadlines specified in your Offer of Admission letter are strictly enforced. Please ensure that you accept your offer of admission as directed well before the specified deadline date.

If you are admitted to Level I, your Faculty may also arrange a visit to the University so you may meet with a Faculty advisor to set up your program. Although attendance at the summer counselling and registration sessions is not compulsory, you are strongly advised to participate. If you cannot attend one of these sessions, counselling will be provided in September.

If you are offered admission above Level I, you may arrange for academic counselling with the Office of the Associate Dean of the Faculty offering the program, or the Office of the Director of the program.
4. Review of Admission and Re-Admission Decisions

No appeal procedure shall be available for decisions on admission or re-admission to the University. Such decisions may be reviewed within the following framework:

a. An applicant to the University who believes that the admission or re-admission decision, or, in the case of a transfer student the decision to grant credits, is incorrect, or based on incorrect or incomplete information, may, **within one week of receiving the decision**, request a review of that decision by writing to the **Associate Director, Enrolment Services Admissions** **Senior Associate Registrar, Admissions**, stating why she/he thinks the decision should be reviewed.

b. The **Associate Director, Enrolment Services Admissions** **Senior Associate Registrar, Admissions** shall determine whether the information on which the decision was based was incomplete or incorrect and, if so, shall refer the request for review to the appropriate Faculty Committee. That Committee shall make a final decision and report it to the **Senior Associate Registrar, Admissions** who shall then convey the decision in writing to the student. The **Associate Director, Enrolment Services Admissions** **Senior Associate Registrar, Admissions** may, at his/her discretion, supply reasons.

Enquiries: Application Procedures

Please direct your enquiries about Application Procedures to:

**Office of the Registrar, Admissions**
Gilmour Hall, Room 109
McMaster University
Hamilton, Ontario, L8S 4L8
Telephone: (905) 525-4600
http://ask.mcmaster.ca
REPORT TO UNDERGRADUATE COUNCIL
FROM THE
UNDERGRADUATE COUNCIL AWARDS COMMITTEE

FOR APPROVAL

(a) Terms of Award
At its meeting of November 1, 2016, the Undergraduate Council Awards Committee approved the following for recommendation to Undergraduate Council.

(i) Terms of Award for New Awards
The Lorie Scott Nursing Scholarship
The Kudsia Academic Grant
The Peter Milne Academic Grant

(ii) Changes to Terms of Award
The Dr. Harry Lyman Hooker Scholarships
The John F. Moore Prize (E)
The University (Senate) Scholarships
The Michael Kamin Hart Memorial Scholarship

(iii) New Bursaries
The First Generation Bursary
The George Koblyk Memorial Bursary
The Lifelong Learning Bursary
The McMaster Alumni Class Bursary Fund
The McMaster Students Union Emergency Bursary Fund
The Bernie Morelli Memorial Bursary
The Muldoon Family Bursary
The Evelyn Quirt Memorial Bursary
The E.J. Rankin Bursary
The Helen and Jack Widner Bursary
The Stuart and Paula Winn Bursary
The Stobbe Bursary

(iv) Changes to Terms of Bursary
The Lillian R. Stegne Memorial Bursary

The Undergraduate Council Awards Committee now recommends,

that Undergraduate Council approve the terms of award for three new awards, changes to four terms of award, twelve new bursaries, and changes to one terms of bursary, as set out in Attachment I.
FOR INFORMATION

(b) Award Name Changes (Attachment I)
At its meeting of November 10, 2015, the Awards Committee received, for information, two award name changes.

(c) Awards Value Changes (Attachment I)
At the same meeting, the Awards Committee received, for information, three award value changes.

Undergraduate Council
December 6, 2016
PROPOSED NEW AWARDS FOR APPROVAL

SECTION B: Awards for In-Course Students

THE LORIE SCOTT NURSING SCHOLARSHIP
Established in 2014 by Lorie Scott, B.Sc.N. (Class of ’79) CD. To be awarded to a student in the B.Sc.N program in the School of Nursing who has completed at least Level I with notable academic standing and who, in the judgment of the School of Nursing has demonstrated significant commitment to the local community. Preference will be given to students working on projects with a strong teaching focus.
Value: $5,000

SECTION G: Academic Grants for Full-Time Students

THE KUDSIA ACADEMIC GRANT
Established in 2016 by Mrs. Wendy and Dr. Chandra Kudsia. To be awarded to a student enrolled in a Classics program in the Faculty of Humanities who has attained a high Fall-Winter Average and demonstrates financial need.
Value: $5,000

THE PETER MILNE ACADEMIC GRANT
Established in 2016 by Peter Milne, B.Eng. (Class of ’79) to encourage students to pursue their goals and aspirations. To be awarded to students enrolled in the Faculty of Engineering who have completed Level I with a high Fall-Winter Average and who demonstrate financial need.
Value: $1,000

CHANGES TO AWARD TERMS FOR APPROVAL

THE DR. HARRY LYMAN HOOKER SCHOLARSHIPS
Established in 1981, and resulting from the bequest of Dr. H. L. Hooker. Awarded for overall academic excellence (Fall/Winter Average of at least 9.5) to undergraduate students in any undergraduate programs, who attain high Fall-Winter Averages, the exception of those in their graduating term and those retaining scholarships of $1000 or greater. Each year quotas are established for each faculty and other academic units in proportion to the number of undergraduate students who obtain a Fall/Winter Average of 9.5 or greater.
Value: $1,500 each (30043)

THE JOHN F. MOORE PRIZE (E)
Established in 1990 by the Steel Founders’ Society of America in honour of John Moore’s contributions to the Society over the past 25 years. To be awarded to the student who attains the highest grade in MATLS 4C03 3F03.
Value: $125 (D) (40061)

THE UNIVERSITY (SENATE) SCHOLARSHIPS
Established in 1982 by authorization of the Board of Governors of the McMaster University. Awarded to undergraduate students who attain high Fall-Winter Averages.
Value: $800 each (B) (30173)

PROPOSED NEW BURSARIES FOR APPROVAL

SUBMITTED BY THE OFFICE OF STUDENT FINANCIAL AID & SCHOLARSHIPS

THE FIRST GENERATION BURSARY
Established in 2016 by the Coca-Cola Foundation to support first generation students at McMaster University. To be
granted to an undergraduate student in any program who demonstrates financial need. Preference to be given to a student who is the first generation in their family to attend post-secondary studies.

THE GEORGE KOBYLK MEMORIAL BURSARY
Established in 2016 by friends and family in memory of long time McMaster alumni volunteer George Kobylk (Class of ‘60 and ‘67). To be awarded to a student enrolled in the Faculty of Social Sciences who demonstrates financial need. Preference to be given to a student from Hamilton.

THE LIFELONG LEARNING BURSARY
Established in 2016 by Laurel Silenzi, BScN (Class of 2010), MHM (Class of 2015), to support and encourage students who have chosen to further their education in a healthcare field. To be granted to students in the Midwifery Program who demonstrate financial need.

THE MCMASTER ALUMNI CLASS BURSARY FUND
Established in 2016 by McMaster Alumni. A variable number of bursaries to be granted to students enrolled in any program and who demonstrate financial need.

THE MCMASTER STUDENTS UNION EMERGENCY BURSARY FUND
Established in 2016 by the MSU Board of Directors and members of the McMaster Students Union. To be granted to full-time undergraduate students who are members of the MSU and who demonstrate urgent financial need due to exceptional circumstances as determined by the Office of Student Financial Aid & Scholarships.

THE BERNIE MORELLI MEMORIAL BURSARY
Established in 2016 in memory of respected Hamilton councillor Bernie Morelli (Class of ’67). To be awarded to a student enrolled in the DeGroote School of Business who demonstrates financial need and resides in the City of Hamilton. Preference will be given to those who attended an inner city high school.

THE MULDOON FAMILY BURSARY
Established in 2016 by Greg (Class of 2003) and Erin (Class of 2003) Muldoon. To be awarded to a student who has completed Level 1 and is enrolled in either the Faculty of Business or the Faculty of Science and who demonstrates financial need.

THE EVELYN QUIRT MEMORIAL BURSARY
Established in 2016 by Jennifer Chapin (Class of 2003). To be awarded to a student enrolled in the Faculty of Engineering who demonstrates financial need. Preference to be given to a female student.

THE E.J. RANKIN BURSARY
Established in 2016 from the Estate of Eleanor Jean Rankin (Class of ‘83). To be granted to full time undergraduate and graduate students enrolled in the School of Nursing who demonstrate financial need. Funding allocation to undergraduate and graduate students to be recommended by the Associate Dean, Nursing.

THE HELEN AND JACK WIDNER BURSARY
Established in 2016 by Marvin Ryder (Class of ‘84), in honour of Helen and Jack Widner. To be granted to a student enrolled in Level 3 in the Faculty of Business who demonstrates financial need.

THE STUART AND PAULA WINN BURSARY
Established in 2016 by the McMaster University Retirees Association (MURA) following a bequest from the estate of Stuart and Paula Winn. Stuart (Class of ’72) was the principal founding member of MURA and its first honorary president. To be granted to a student in the Department of Health, Aging, and Society who demonstrates financial need. Preference will be given to students enrolled in a Gerontology program.
SUBMITTED BY THE FACULTY OF HEALTH SCIENCES

THE STOBBE BURSARY
Established in 2016 by Karl and Julie Stobbe. To be granted to a student enrolled in the Niagara Regional Campus (NRC) of the Michael G. DeGroote School of Medicine who demonstrates financial need. If there are no eligible students from the NRC in a given year, no bursary will be granted and funds will be carried forward to support NRC students in future years.

CHANGES TO BURSARY TERMS FOR APPROVAL

THE LILLIAN R. STEGNE MEMORIAL BURSARIES
Established in 1990 in memory of Lillian Rose Stegne (Class of ’62) by family, friends and colleagues. Two or three Bursaries to be granted to handicapped students enrolled in any program who are registered with SAS and who demonstrate financial need.

Previously Established in the Faculty of Health Sciences

THE MICHAEL KAMIN HART MEMORIAL SCHOLARSHIP
Established in 2011 by the Michael G. DeGroote Institute for Infectious Disease Research along with family, friends and donors in memory of Michael Kamin Hart, who was a student within the Institute. Aligned with Michael’s academic trajectory, to be awarded to: (a) an undergraduate summer student in either their third or fourth year of study who plans to go on to graduate work at McMaster; and (b) an MSc student; and (c) a PhD student; and (d) a research staff member. The recipients must be associated with the Michael G. DeGroote Institute for Infectious Disease Research and have demonstrated academic excellence. To be awarded on the recommendation of the Executive Committee of the Michael G. DeGroote Institute for Infectious Disease Research.
Value: $500

FOR INFORMATION

AWARD NAME CHANGES

THE KRISTINA FERRIS MILNER ACADEMIC GRANT (85044)
THE JONES FAMILY OPPORTUNITY FOR EDUCATION ACADEMIC GRANT (85091)

AWARD VALUE CHANGES

THE NICHOLAS AND JANICE BRATHWAITE SCHOLARSHIP (20278)
Value: up to $80,000-$120,000

THE FRENCH SCHOLARSHIP (30405)
Value: $3,000-$6,000

THE JOHN D. MCNIE ACHIEVEMENT AWARD OF EXCELLENCE* (40107)
Value: $400-$800
i) **Establishment of New Awards**

Following the November 1, 2016 meeting of the Undergraduate Council Awards Committee, the terms for two new awards were submitted by Student Financial Aid and Scholarships, supported by University Advancement. The original terms of The Kevin A. Lockhart Family Scholarship were approved by the Awards Committee at its meeting of November 1, 2016; however, minor revisions (as set out in Attachment I) were subsequently made in consultation with the donor and the Faculty of Business to echo the terms of The David Feather Family Scholarship, as well as to correct the name of the program and the year of establishment. (Attachment I)

The Undergraduate Council Executive Committee now recommends:

that the Undergraduate Council approves the terms of The Kevin A. Lockhart Family Scholarship and The David Feather Family Scholarship, as set out in Attachment I.

Undergraduate Council
December 6, 2016
PROPOSED NEW AWARDS FOR APPROVAL

SECTION A: Awards for Entering Students

THE KEVIN A. LOCKHART FAMILY SCHOLARSHIP
Established in 2016-2017 by Kevin A. Lockhart, BA ’87 and Past Vice-President of the McMaster Students Union. To be awarded to a student entering the Honours Bachelor of Commerce in Integrated Business and Humanities program and, who in the judgment of the DeGroote School of Business, has demonstrated community engagement and high academic achievement.
Value: two scholarships of $5,000 each

THE DAVID FEATHER FAMILY SCHOLARSHIP
Established in 2016 by David Feather, B.A. (Class of ’85) and MBA (Class of ’89). To be awarded to a student entering the Honours Bachelor of Commerce in Integrated Business and Humanities program and, who in the judgment of the DeGroote School of Business, has demonstrated community engagement and high academic achievement.
Value: two scholarships of $5,000 each
REPORT TO UNDERGRADUATE COUNCIL
FROM THE
UNDERGRADUATE COUNCIL
CERTIFICATES AND DIPLOMAS COMMITTEE

FOR APPROVAL

Closure of the Technology Diploma and Technology Leadership Diploma (Attachment I)
At its meeting of November 8, 2016, the Undergraduate Council Certificates and Diplomas Committee approved the closure of the Technology Diploma and Technology Leadership Diploma programs offered through the Bachelor of Technology program. The proposed closure is due to low enrolment. All students currently registered will be able to complete their programs.

The Undergraduate Council Certificates and Diplomas Committee now recommends,

that Undergraduate Council approve the closure of the Technology Diploma and Technology Leadership Diploma programs, effective September 2017, as recommended by the Faculty of Engineering and set out in Attachment I.

Undergraduate Council
December 6, 2016
October 5, 2016

To: Dr. Susan Searls Giroux, Associate Vice President Faculty
From: Dr. Joe McDermid, Acting Associate Dean (Academic)
Cc: Dr. Robin Cameron, Chair of Certificates & Diplomas Committee

Regarding: Closure of Technology Diplomas in
  • Technology Diploma
  • Technology Leadership Diploma

The Faculty of Engineering recommends that the above diplomas be phased out commencing 2016-17 academic year.

Both diplomas have very low enrolment. We will ensure that any students currently in the program will be able to complete all required courses. The closure of these two diplomas has no resources implications.

These closures have been approved by the following bodies:
  • Bachelor Technology Curriculum Committee
  • Faculty of Engineering Undergraduate Curriculum and Policy Committee
  • Faculty of Engineering Faculty Council

Please note this is an amendment to the original memo submitted on January 26, 2016. In error the memo listed the closure of the Technology Certificate. This was only listed incorrectly in the memo. Technology Diplomas were listed in the submitted documents and approved in the above bodies.
### McMaster University: Sessional Dates 2017-2018

**Fall and Winter Terms 2017-2018**

<table>
<thead>
<tr>
<th></th>
<th>Fall Term (62 days)</th>
<th>Winter Term (62 days)</th>
<th>Courses Spanning both Terms (124 days)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Registration begins</strong></td>
<td>To be announced</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Classes begin</strong></td>
<td>Tuesday, September 5</td>
<td>Thursday, January 4*</td>
<td>Tuesday, September 5</td>
</tr>
<tr>
<td><strong>Last day for registration and changes in registration</strong></td>
<td>Wednesday, September 13</td>
<td>Friday, January 12</td>
<td>Wednesday, September 13</td>
</tr>
<tr>
<td><strong>Mid-Term Recess(es)</strong></td>
<td>Monday, October 9 to Sunday, October 15</td>
<td>Monday, February 19 to Sunday, February 25</td>
<td>Monday, October 9 to Sunday, October 15 and, Monday, February 19 to Sunday, February 25</td>
</tr>
<tr>
<td><strong>Last day for cancelling courses without failure by default</strong></td>
<td>Friday, November 3</td>
<td>Friday, March 9</td>
<td>Friday, March 9</td>
</tr>
<tr>
<td><strong>Good Friday: No classes or examinations</strong></td>
<td>--</td>
<td>Friday, March 30</td>
<td>Friday, March 30</td>
</tr>
<tr>
<td><strong>Assessment Ban</strong> (See Undergraduate Course Management Policies)</td>
<td>Thursday, November 30 to Thursday, December 7</td>
<td>Tuesday, April 3 to Tuesday, April 10</td>
<td>Tuesday, April 3 to Tuesday, April 10</td>
</tr>
<tr>
<td><strong>Classes end</strong></td>
<td>Wednesday, December 6</td>
<td>Monday, April 9</td>
<td>Monday, April 9</td>
</tr>
<tr>
<td><strong>Mid-Term Tests Level (I)</strong></td>
<td>--</td>
<td>--</td>
<td>Friday, December 8 to Thursday, December 21</td>
</tr>
<tr>
<td><strong>Final Examinations</strong></td>
<td>Friday, December 8 to Thursday, December 21</td>
<td>Wednesday, April 11 to Thursday, April 26</td>
<td>Wednesday, April 11 to Thursday, April 26</td>
</tr>
<tr>
<td><strong>Deferred examinations</strong></td>
<td>Tuesday, February 20 to Friday, February 23</td>
<td>Monday June 18 to Thursday June 21</td>
<td>Monday June 18 to Thursday June 21</td>
</tr>
</tbody>
</table>

*The University re-opens on Tuesday, January 2, 2018 after the December holidays; classes begin January 4.*
## 2018 Spring/Summer Term

| Event                                    | Spring Session  
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>(34 days)</td>
</tr>
<tr>
<td>Classes begin</td>
<td>Monday, April 30</td>
</tr>
<tr>
<td>Last day for registration and changes in registration</td>
<td>Monday, May 7</td>
</tr>
<tr>
<td>Victoria Day: No classes</td>
<td>Monday, May 21</td>
</tr>
<tr>
<td>Canada Day Observation: No classes</td>
<td>--</td>
</tr>
<tr>
<td>Last day for cancelling courses without failure by default</td>
<td>Wednesday, May 30</td>
</tr>
<tr>
<td>Civic Holiday: No classes</td>
<td>--</td>
</tr>
<tr>
<td>Classes end</td>
<td>Friday, June 15</td>
</tr>
<tr>
<td>Final Examinations</td>
<td></td>
</tr>
<tr>
<td>Deferred Examinations</td>
<td></td>
</tr>
</tbody>
</table>

| Event                                    | Summer Session  
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>(34 days)</td>
</tr>
<tr>
<td>Classes begin</td>
<td>Monday, June 18</td>
</tr>
<tr>
<td>Last day for registration and changes in registration</td>
<td>Monday, June 25</td>
</tr>
<tr>
<td>Victoria Day: No classes</td>
<td>--</td>
</tr>
<tr>
<td>Canada Day Observation: No classes</td>
<td>Monday, July 2</td>
</tr>
<tr>
<td>Last day for cancelling courses without failure by default</td>
<td>Wednesday, July 18</td>
</tr>
<tr>
<td>Civic Holiday: No classes</td>
<td>Monday, August 6</td>
</tr>
<tr>
<td>Classes end</td>
<td>Friday, August 3</td>
</tr>
</tbody>
</table>

| Event                                    | Full-Term Courses  
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>(68 days)</td>
</tr>
<tr>
<td>Classes begin</td>
<td>Monday, April 30</td>
</tr>
<tr>
<td>Last day for registration and changes in registration</td>
<td>Monday, May 7</td>
</tr>
<tr>
<td>Victoria Day: No classes</td>
<td>Monday, May 21</td>
</tr>
<tr>
<td>Canada Day Observation: No classes</td>
<td>Monday, July 2</td>
</tr>
<tr>
<td>Last day for cancelling courses without failure by default</td>
<td>Wednesday, July 18</td>
</tr>
<tr>
<td>Civic Holiday: No classes</td>
<td>Monday, August 6</td>
</tr>
<tr>
<td>Classes end</td>
<td>Friday, August 3</td>
</tr>
</tbody>
</table>

**Final Examinations**: As arranged by instructor in class time

**Deferred Examinations**: 2018 Fall Mid-Term Recess Period