OPEN SESSION

3:30  1. Conflict of Interest Declaration

Consent Agenda

Motion: To approve or receive for information by consent items 2-6 below.

3:35  2. Minutes of the 21 September 2015 Meeting Decision

3. Reports from Councils
   a. Graduate & Research Council Information
   b. Undergraduate Council Decision

4. Report of the President
   a. Recognition and Commendation Information

5. Report of the Vice-President, University Research Information

6. Reports from the Faculties Information

Regular Agenda

3:40  7. Business Arising from the Minutes
     a. Waterloo Innovation Summit: Attendance Report – Vice-President, University Relations Information

3:50  8. Teaching Presentation – Jane Tingley, assistant professor, Stratford/fine arts Information

4:05  9. Report from Council
     a. Undergraduate Council Decision

4:15 10. Report of the President Information

4:25 11. Q&A Period with the President Information

12. Report of the Vice-President, Academic & Provost
     a. Call for University Professor Nominations Information
     b. Fall Break Pilot – Mario Coniglio, associate vice-president, academic Decision
     c. Course Evaluation Project Update – Mark Seasons, professor, School of Planning Information
     d. Faculty of Engineering, Electrical and Computer Engineering: Changes to comprehensive examination milestones – Jim Frank, associate provost, graduate studies Decision
     e. Pharmacy Faculty Council Constitution and Bylaws – David Edwards, Hallman director and associate dean, Faculty of Science Decision

5:05 13. Other Business Information
## CONFIDENTIAL SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:55</td>
<td>14. Conflict of Interest</td>
<td>Declaration</td>
</tr>
<tr>
<td>6:00</td>
<td>15. Minutes of the 21 September 2015 Meeting</td>
<td>Decision</td>
</tr>
<tr>
<td>6:05</td>
<td>16. Business Arising from the Minutes</td>
<td>Information</td>
</tr>
<tr>
<td>6:10</td>
<td>17. Report of the President</td>
<td>Information</td>
</tr>
<tr>
<td>6:15</td>
<td>18. Other Business</td>
<td></td>
</tr>
</tbody>
</table>

9 October 2015                                      Logan Atkinson
JLA/ees                                            University Secretary & General Counsel
University of Waterloo
SENATE
Minutes of the Monday 21 September 2015 Meeting


Guests: Steven Amirikah, Matthew Bondy, Bruce Campbell, Mike Dixon, Donna Ellis, Stéphane Hamade, Sarah Hildebrandt, Jennifer Kieffer, Diane Johnston, Derek Madge, Nick Manning, Colin MacLeod, Amanda McKenzie, Kelly McManus, Chris Read, Daniela Seskar-Hencic, Allan Starr, Ben Thompson, Jean-Jacques Van Vlasselaer

Secretariat & Office of General Counsel: Logan Atkinson, Karen Jack, Emily Schroeder


*regrets

Organization of Meeting: Feridun Hamdullahpur took the chair, and Logan Atkinson, secretary of Senate, acted as secretary. Atkinson advised that due notice of the meeting had been given, a quorum was present, and the meeting was properly constituted. Hamdullahpur welcomed everyone to the meeting, and extended special welcomes to Jennifer Clapp as a faculty at large representative, and Angela Pereira, a representative from Alumni. Hamdullahpur also welcomed Stephen Watt, dean of mathematics, Robert Lemieux, dean of science, and Sally Gunz, president of the Faculty Association of the University of Waterloo, attending their first meetings of Senate in those capacities.

OPEN SESSION

1. DECLARATIONS OF CONFLICT OF INTEREST
Senators were asked to declare any conflicts they may have in relation to the items on the agenda. No conflicts were declared.

Consent Agenda

Senate heard a motion to approve or receive for information by consent items 2-6 below.

Hamdullahpur and Bergman.

It was agreed that the two-year progress report of the Department of Psychology would be removed from the Consent Agenda and addressed under the report of Undergraduate Council, item 9(b) in the regular agenda.
2. **MINUTES OF THE 15 JUNE 2015 MEETING**
   Senate approved the minutes of the meeting as distributed.

3. **REPORTS FROM COMMITTEES AND COUNCILS**
   **Graduate & Research Council.** Senate received the report for information.
   **Undergraduate Council.** Senate received the report for information.

4. **REPORT OF THE PRESIDENT**
   **Recognition and Commendation.** Senate received the report for information.

5. **REPORT FROM THE FACULTIES**
   Senate received the reports for information.

6. **COMMITTEE APPOINTMENTS**
   Senate approved the motion to acclaim the membership of Emily Ha (biology) as science undergraduate student representative, University Committee on Student Appeals, term to April 2016.

   The motion carried.

**Regular Agenda**

7. **BUSINESS ARISING FROM THE MINUTES**
   There was no business arising.

8. **PRESENTATION ON RESEARCH AND TREATMENT OF AMBLYOPIA**
   **DR. BEN THOMPSON, ASSOCIATE PROFESSOR**
   **SCHOOL OF OPTOMETRY & VISION SCIENCE**

   Dr. Thompson’s research is concerned with human visual cortex development and plasticity, particularly in promoting plasticity to improve outcomes for patients with brain-based visual disorders. This has led to an interest in a visual disorder called amblyopia (also known as “lazy eye”), and to the development of two new and highly promising approaches to treatment.

   One basic difference between children and adults is that children’s brains have a much greater propensity for change, i.e., children’s brains are more “plastic” than adult brains. Reduced plasticity in the adult brain has direct implications for the learning of new skills and recovery from damage to the brain through trauma, disease or abnormal development. Dr. Thompson’s research uses the human visual system as a model to investigate the mechanisms that regulate plasticity in the adult brain and interventions that can enhance plasticity. Dr. Thompson described recent work involving amblyopia. This visual disorder is common, and involves abnormal processing of visual information within the brain. Adults with amblyopia are currently left untreated, as the prevailing view is that the adult brain lacks sufficient plasticity to relearn use of an amblyopic eye. His research has led to the development of new treatment approaches for adult amblyopia. These include specially modified videogames and the use of non-invasive brain stimulation techniques to boost visual cortex plasticity. The videogame treatment is currently undergoing international clinical trials and a startup company has licensed the IP.

9. REPORTS FROM COUNCILS
   a. Graduate & Research Council
      Senate heard a consolidated motion to the following effects:

      **Faculty of Arts, English Language and Literature:** To approve the implementation of a coursework option in the experimental digital media plan as presented in the report.

      **Faculty of Arts, Psychology:** To approve changes to the degree requirements for graduate plans in psychology as presented in the report.

      **Faculty of Engineering, Electrical and Computer Engineering:** To approve changes to comprehensive examination milestones as presented in the report, provided that students in the program at the effective date of this change can opt to continue under the regulations in place when they were admitted to the program, or to submit to the new regulations.

      Frank and Hulan. Carried.

      **Faculty of Science, School of Pharmacy:** Senate heard a motion to approve changes to provide a non-degree admissions option for the School of Pharmacy as presented in the report.

      Frank and DeVidi.

      It was observed that the costs associated with taking non-degree courses for international visiting graduate students can be prohibitive, and that both current students and visiting students would benefit from greater interaction in courses. No accommodation seems available to facilitate this, even where there is an extensive agreement between the university and the visiting graduate student’s home institution.

      The motion carried.

      **Aegrotat Degrees:** Senate heard a motion to approve an amendment to the aegrotat designation in the grades and grading section of the calendar as presented in the report.

      Frank and Darling. Carried.

   b. Undergraduate Council
      Senate considered the two-year progress report of the Department of Psychology, brought forward to the regular agenda from the consent agenda.

      Senate heard a motion to approve the two-year progress report of the Department of Psychology, as presented.

      Coniglio and Peers.

      Senate discussed two matters related to this report, and to program reviews in general. First, this report took an unusually long period of time to be completed, fully four years rather than two years. Colin MacLeod, former chair of Psychology, reported to Senate that the report was ready more or less when it ought to be, but because of changes it was delayed. It does accurately describe the state of the program at present, and further changes are being made. Secondly, what is the relationship between departmental responses and the reviewers’ recommendations? Is there any oversight of these sorts of issues, and how does the committee deal with these things as the reports and responses are generated? Senate was advised that the process is quite rigorous at
Senate Undergraduate Council, reports are reviewed and discussed, issues are identified by the Council when responses are deficient and sent back to department for comment. Coniglio agreed to make a short presentation to Senate to describe the process.

The question was called, and the motion carried.

Senate heard a consolidated motion to address the following matters:

**Faculty of Arts, French Studies:** To approve new plans, plan amendments and plan inactivations in French studies as presented in the report.

**Faculty of Arts, Political Science:** To approve new plans, plan amendments and plan inactivations in political science as presented in the report.

**Faculty of Arts, Russian and East European Studies:** To approve plan amendments and plan inactivations in Russian and East European studies as presented in the report.

**Faculty of Arts, Drama and Speech Communication:** To approve plan amendments in drama and speech communication as presented in the report.

**Faculty of Arts, English Language and Literature:** To approve new plans, plan amendments, plan inactivations and changes to calendar text in English language and literature as presented in the report.

**Faculty of Arts, History:** To approve plan amendments in history as presented in the report.

**Faculty of Arts, Music:** To approve new plans and plan amendments in music as presented in the report.

**Faculty of Arts, Peace and Conflict Studies:** To approve plan amendments in peace and conflict studies as presented in the report.

**Faculty of Arts, Religious Studies:** To approve plan amendments and plan inactivations in religious studies as presented in the report.

**Faculty of Arts, Spanish and Latin American Studies:** To approve new plans and plan amendments and plan inactivations in Spanish and Latin American studies as presented in the report.

Coniglio and Peers. Carried.

**Global Experience Certificate:** Senate heard a motion to approve plan amendments to the global experience certificate as described in the report.

Coniglio and Porreca. Carried.

**Faculty of Science, Bioinformatics Option:** Senate heard a motion to approve the new plan in bioinformatics as presented the report.

Coniglio and Lemieux. Carried.
Faculty of Arts, Definition of Academic Standing: Senate heard a motion to approve amendments to the definition of academic standing in the calendar as described and effective 1 September 2016.

Coniglio and Peers.

It was noted that “… a Psychology student enrolled in …” must be replaced by “… a student taking a minor in Psychology enrolled in ….” This change is found on page 4 of the Senate Undergraduate Council regular report, second sub-bullet to the bullet addressing “Minor Average: Average of the grades in all courses taken within the student’s minor.”

The motion carried.

Faculty of Arts, Degree Requirements: Senate heard a motion to approve amendments to the degree requirements in the calendar as described and effective 1 September 2016.

Coniglio and Peers. Carried.

Office of the Registrar, Amendments to 2015-16 Calendar of Dates: Senate heard a motion to revise the spring 2016 convocation dates from 7-14 June 2016 to 14-18 June 2016.

Rationale: This change will be congruous with the new guidelines approved by Senate at the November 2014 meeting for setting convocation dates. For this particular convocation, shifting the dates to a week later is feasible. The change will provide the campus community with more time to prepare for convocation. The Registrar’s Office will undertake extensive communication with the campus community as the 2016 convocation dates of June 7-14 were published to the web for a short period last spring. The website has more recently read “TBD” for the spring 2016 convocation dates, since June of this year. Council wishes to inform Senate that the motion carried at Senate Undergraduate Council with 9 for, 5 opposed and 2 abstentions.

Darling and Ramdev.

Communication will be thorough if the motion passes. It was noted that there could be challenges with flight bookings and also with students having accepted jobs. The dates as originally passed are very early and difficult to meet through overtime and like arrangements in the Registrar’s Office. Senate Undergraduate Council was divided, primarily because it originally came up because of a conflict with the Board of Governors June meeting. This wasn’t the issue, but it did tend to dominate the discussion at SUC. The matter did not go to Senate Graduate & Research Council because it has always been the practice to take this through SUC to establish the dates. Because the original dates did not go to both councils, the proposed change did not go to SGRC either. Darling agreed to investigate taking the establishment of convocation dates to both councils in the future and to take to the regular agenda in Senate as opposed to the consent agenda.

The motion carried.

Office of the Registrar, Aegrotat Degrees: Senate heard a motion to amend in the calendar and to establish a university-wide regulation on aegrotat standing to allow for extenuating circumstances.

Darling and Henderson. Carried.
10. REPORT OF THE PRESIDENT

Hamdullahpur presented a wide ranging report, including some detail on the recently held community breakfast at which the university hosted about 160 university people and community leaders. This event provided an excellent opportunity to outline links between the university and the community. The president reported on a very successful Waterloo Innovation Summit, held for the third year. It was intended to help us move the university forward to being recognized as among the most innovative universities in the world. About 270 delegates attended from around the world. Hamdullahpur provided an update on initiatives relating to gender equity, including the recently announced scholarships related to the HeForShe initiative. In government relations, it was announced in August that funding up to $24 million may be available for phase 2 of the Science complex from the federal government. A further approvals process will be undertaken after the election in October. The university will receive $600,000 for renovation of Columbia Ice Fields. The president reported on the funding formula review under discussion with the province, with the expectation that a report will soon be generated. Representation has been made that the needs of research intensive universities with large graduate student cohorts are different from the needs of other sorts of institutions. Hamdullahpur reported on a recent visit to campus of a group of federal deputy ministers and associate deputy ministers to learn more about our university and the regional dynamic. Thousands of new students at all levels have been welcomed to the campus. A brief update on undergraduate numbers provided, with graduate numbers to follow in November. Undergraduate numbers are about 1% below target. The president provided an update on faculty hires – 99 in total, with 36 as replacement positions and 63 new positions. The university is one of the few to replace positions or create positions at the full professor or associate levels. Gender distribution is healthy and improving.


11. Q&A WITH THE PRESIDENT

It was pointed out that opportunities for men in the HeForShe campaign will emerge as faculty specific programs are launched in the weeks ahead. Online videos will soon be available for the Waterloo Innovation Summit. The fee for the Summit, and the invitation list, were adjusted this time round because of the use of a different model. It was not intended to be exclusionary, but the decision was made to raise fees to ensure a world class event. It was observed that we are still learning and will try to make adjustments next year. Senate asked for a breakdown of faculty attendance over the three year life of the event.

12. REPORT OF THE VICE-PRESIDENT, ACADEMIC & PROVOST


   Rationale: The Institutional Quality Assurance Process document was approved with minor changes recommended at 19 May 2015 Senate. The revised IQAP document was ratified at the 26 August 2015 meeting of the Quality Council. The revised document is now submitted to Senate for final approval.

   Orchard and Coniglio. Carried.

b. Update on New Student Transition 2015.

   Associate Provost, Students Chris Read presented a report on the program of transition for new students to the university. Slides used in the presentation can be seen here: https://uwaterloo.ca/secretariat-general-counsel/sites/ca.secretariat-general-counsel/files/uploads/files/ap_students_presentation_to_senate_20150921.pptx
Read was asked if more time could be found for department chairs to interact with students, and he agreed to follow up directly. Some graduate student senators suggested more faculty-specific orientation in addition to the centralized graduate student orientation. Faculty specific days are sometimes held earlier in the summer, outside of ordinary orientation, and this tends to ease the concerns of new students as they arrive on campus.

c. **Terms of Reference for a Mid-Term Break.** Senate heard a motion to approve the terms of reference for a mid-term break as described.

**Rationale:** The university has no specific guidelines to define the purpose of the mid-term break or any general approach to the treatment of studies during such a break. The terms of reference provided have been reviewed and were endorsed by Senate Undergraduate Council in February 2015 and by Senate Graduate & Research Council in June 2015, with the latter council voting 14 in support with five abstentions.

Coniglio and Henderson.

If passed, these terms of reference will be published in the calendar. A wide ranging discussion on this motion was held, including: graduate students would not hold office hours during any official mid-term break; the terms of reference are intended to ensure that the student experience be properly protected; the distinction between “terms of reference” and “policy” and the advisability of treating this document as one or the other; whether senators needed more time to consider the implications of the document; the ramifications of graduate students being prevented from grading during a mid-term break; the length of the teaching assistant contract (14 weeks), and whether this document would have implication for how duties are assigned.

Senate heard a motion to lay the principal motion on the table.

Porreca and Richter.

The motion laid on the table was defeated.

It was observed that we would not be the first university to say that teaching assistants get a break during reading week.

The question was called on the principal motion, and it carried.

13. **REPORT OF THE VICE-PRESIDENT, UNIVERSITY RESEARCH**

Dixon reported to Senate that the College of New Scholars, Artists and Scientists (affiliated with the Royal Society) had admitted Karen Collins, David Hammond, and Zhou Wang. He advised Senate that the university would be making a submission to the CFREF competition in round two.

Dixon provided some comment on uncertainty in terms of interpretation of tri-council guidelines on compliance reviews of expenditures. There are possibly some inconsistencies between tri-council interpretations and interpretations in the Office of Research; there are possibly variations between compliance issues as interpreted here and at other universities; there is uncertainty on the avenues for clarification for faculty who disagree with the interpretation they are given. A small working group will be established in the Office of Research to consider these questions, but in the meantime faculty is encouraged to go to Diane Johnston for help on immediate challenges.
In response to a question, Dixon advised that there is no central fund available to support undergraduate research, but in some of the faculties at the undergraduate level there are limited funds available. Also URFs from NSERC are available for undergraduates to cover living expenses while researching.

14. REPORT OF THE VICE-PRESIDENT, UNIVERSITY RELATIONS

   The slide used in the presentation may be seen here: https://uwaterloo.ca/secretariat-general-counsel/sites/ca.secretariat-general-counsel/files/uploads/files/20150921_single_slide_community_impact_report.pptx

15. OTHER BUSINESS
   There was no other business.
Senate Graduate & Research Council met on 14 September 2015, and agreed to forward the following items to Senate for information. These items are recommended for inclusion in the consent agenda.

Further details are available at: https://uwaterloo.ca/secretariat/committees-and-councils/senate-graduate-research-council

FOR INFORMATION

NEW AND CONTINUING MEMBERSHIPS
On behalf of Senate, council approved the membership recommendations for the Clinical Research Ethics Committee and the Human Research Ethics Committee.

SCHOLARSHIPS AND AWARDS
On behalf of Senate, council approved the creation of the Cindy Ditner Award in Public Accounting, the G.A. Paper International Graduate Award, and the Devani Charities Graduate Engineering Entrance Scholarship.

Jim Frank
Associate Provost, Graduate Studies

George Dixon
Vice President, University Research
Senate Undergraduate Council met on 8 September 2015, and on behalf of Senate approved minor changes to academic plans, changes to faculty regulations, new courses, course changes, course inactivations and course reactivations. Council agreed to forward the following items to Senate for approval and for information. Council recommends that these items be included in the consent agenda.

Further details are available at: [uwaterloo.ca/secretariat/committees-and-councils/senate-undergraduate-council](http://uwaterloo.ca/secretariat/committees-and-councils/senate-undergraduate-council)

**FOR APPROVAL**

---

**CHANGES TO ACADEMIC PROGRAMS** [effective 1 September 2016]

- **Faculty of Science**
  - **Rules for Students Enrolled in Faculty of Science Courses**
    1. **Motion:** To approve amendments to the rules for students enrolled in Faculty of Science courses as described in Attachment #1. (note: strikethrough = deleted text, underline = new text)
    
    **Rationale:** The definitions are updated to be more consistent with the undergraduate calendar glossary definitions and Faculty use of these grades. Reference to the Examinations and Standings Committee is removed because no such committee exists in the Faculty.

**FOR INFORMATION**

---

**CURRICULAR MODIFICATIONS**

New courses and course changes were approved for the Faculty of Arts (accounting and financial management; arts and business; Chinese; classical studies; English language & literature) effective 1 September 2016.

New courses, course reactivations, course changes, course inactivations, minor plan changes and regulation changes were approved for the Faculty of Arts (accounting and financial management; arts and business; breadth requirements; economics; English language & literature; fine arts; Germanic & Slavic studies; global business and digital arts; human resources management; psychology; sexuality, marriage and family studies; social development studies; sociology and legal studies; studies in Islam) and the Faculty of Science (academic standing; biology; biotechnology/economics; chemistry; dean’s honours list; materials and nanosciences; pharmacy; physics & astronomy; science and business; science and business/earth sciences; upgrading to honours degree) effective 1 September 2016.

Course changes and course inactivations were approved for the Faculty of Arts (economics; philosophy; social development studies) and for the Faculty of Science (pharmacy) effective 2 September 2016.

---

Mario Coniglio
Associate Vice-President, Academic
CHANGES TO REGULATIONS AND PROCEDURES

Rules for Students Enrolled in Faculty of Science Courses

1. The Faculty constitutes the examining body for all courses. All course grades are considered by the Examinations and Standings Committee of the Faculty of Science. After the results have been considered, they will be posted by the Registrar on Quest.

2. Final examinations are held in December, April, and August. The maximum time allowed for each examination is 2 1/2 hours.

3. In the Faculty of Science, Course and Unit have the following interpretations:
   - **Course** - A course may refer to a lecture course, a laboratory course, or a lecture-laboratory course which includes both lecture and laboratory. Most laboratory courses are designated by the letter L following the course number, a unit of study relating to a specific academic discipline and identified by a subject abbreviation and a number (e.g. BIOL 130). A course that has the letter L following the course number is a laboratory course (e.g. BIOL 130L). Course duration is normally one term.
   - **Unit** - Unit weights are assigned for lecture and laboratory courses as designated in the course descriptions. Courses are given unit weights which vary from 0.00 to 2.50. Most courses have a 0.50 unit weight and are of one-term duration. Course unit weights are used to calculate weighted grade averages. Unit weights are also used in calculating tuition fees. Part-time students, especially, should be aware of this fact when choosing courses. The credit value associated with a course as designated in the course description. Unit weights are used in the calculation of averages for academic standing. Courses are given unit weights that vary from 0.00 to 3.00, with most being 0.5.

4. Grades in individual courses will normally be reported as numerical grades on the scale 0 to 100. In exceptional circumstances, an instructor may report a non-numerical grade. (see refer to item #7 below.)

5. To obtain credit for a course, a student must normally obtain a minimum grade of 50%. The minimum grade may be higher than 50% in certain courses (e.g., in OPTOM and some PHARM courses). Course instructors are responsible for indicating clearly the grading practices in their courses, and students have a responsibility to understand the criteria used in determining final grades for a course.

6. If a student fails to complete a required part of the course for health reasons, a University of Waterloo Verification of Illness form, covering the precise period of absence, must first be registered with the Faculty of Science and then presented to the course instructor within forty-eight (48) hours. The instructor will take into account the information on the Verification of Illness form when deciding how to handle the absence. Unless the course instructor states otherwise, the following rules apply:
   (i) For an approved absence of a student during the term, the instructors will transfer the weight of missed term work to the final examination.
When a student misses a final examination for valid reasons, the instructor must report a grade of INC (incomplete) for the student. Students who do not complete a portion of a course for health or other documented circumstances should consult their course syllabus for accommodation rules and review Faculty information and instructions regarding accommodation.

If appropriate, an instructor may report one of the following non-numerical grades for students:

- **DNW** (did not write) – Final examination not written in a course that has not been dropped officially whether the course has been attended or not. For averaging purposes, and in the determination of academic standing, DNW counts as a grade of 32 and a failed course.

- **INC** (either term work, lab work, examination, etc., is/are incomplete) indicates that some component(s) of the course are incomplete (term work, lab work, examinations, etc.), credible documentation has been submitted, and the other components of the course were completed well enough that a passing grade is achievable. A course for which the grade designation INC has been given must be completed within two terms of taking the course or the INC automatically becomes a grade of FTC (failed to complete). The instructor must notify the Registrar as soon as possible if the INC is to be extended beyond two terms. If the plan is to complete the course after eight months, instructors must notify the Registrar’s Office at the outset to extend the INC expiry to a third term. If an INC grade has been assigned because a student did not write the final examination, then the student will normally write a make-up examination in the examination period of the term in which the course is next offered, unless the instructor explicitly states otherwise. A student who receives an INC should not re-enrol in a course for which a grade of INC was given. For averaging purposes, INC is ignored and in the determination of academic standing, the course counts as a course attempted but not as a course failed. FTC is treated as a failed course and will be included in student averages as a grade of 32%.

- **NMR** (no mark recorded) indicates that no work has been submitted and there has been no known participation. NMR will count as a failure and will be included in student averages as a grade of 32%.

- **DNW** (did not write) indicates that the final examination was not written in an enrolled course. Instructors will normally report a course grade of DNW when students miss a final examination and a course grade of INC or NMR is inappropriate. DNW is included in student averages and counts as a course grade of 32%.

- **IP** (course in progress) – No grade assigned at this time and no credit granted. Indicates that the course is in progress as a result of the course design or delivery rather than student performance (e.g., honours thesis courses, extended duration courses). There is no grade assigned and no credit granted. For averaging purposes, and in the determination of academic standing, IP is ignored and does not count as a failed course or as credit granted. Students cannot graduate with an IP grade.

- **NMR** (no mark recorded) – Will count as a failure and will be counted as a grade of 32 for averaging purposes.
In exceptional circumstances, the instructor and Associate Dean (Undergraduate Studies) may decide that one of the following non-numerical grades may be appropriate.

- **AEG** (aegrotat) — signifies the work or examination was incomplete because of illness and the Associate Dean (Undergraduate Studies) in consultation with the instructor is satisfied that credit should be received for the course. Credit granted but no grade in average. Credit is granted but no specific course grade is given.

- **CR** (credit) indicates credit is granted. Credit granted where performance was satisfactory but no specific course grade is given and AEG is not appropriate. Will not count in the cumulative averages.

- **NCR** (no credit) indicates credit is not granted. Where performance was unsatisfactory; but no specific course grade is given—failure reported. Will NCR not count in the cumulative averages but does count as a failed course.

- **UR** (under review) indicates a course grade is under review by the Associate Dean (Undergraduate Studies) with a decision pending. Grade under review, decision pending. Where failure in a course is part of a disciplinary penalty, the maximum course grade will be 32%.

**Rationale:** Reference to the Examinations and Standings Committee is removed because no such committee exists in Science. The definitions are updated to be more consistent with the Calendar’s glossary definitions and Faculty use of these grades.
FOR INFORMATION

Recognition and Commendation

Four incoming first-year students at the University of Waterloo are recipients of Schulich Leader Scholarships, for their demonstrated leadership in areas such as academic excellence and entrepreneurship. The students are Ella Rasmussen of Oakville, Ontario (mechatronics engineering), Madeline Shred of Ladysmith, British Columbia (biomedical sciences), Aaron Grenke of Spruce Grove, Alberta (mechanical engineering), and Cindy Wei of Coquitlam, British Columbia (kinesiology). This year’s scholars have averages ranging from 94 to 99 per cent, and extracurricular activities that include founding a humanitarian group and participating in international robotics competitions and competitive sports. All of the scholars were drawn to Waterloo for its reputation for innovation, high standards, and entrepreneurial spirit. Open to every high school, secondary school and CEGEP across Canada, Schulich Leader Scholarships recognize Canadian students who plan to study one of the STEM disciplines during their undergraduate years at university. (Daily Bulletin, 8 September 2015)

Four professors from Waterloo are among the newly-announced fellows of the Royal Society of Canada (RSC) who have been peer-elected as the best in their field. The fellowship of the RSC consists of individuals who have made outstanding contributions in the arts, the humanities, science, and Canadian public life. Waterloo’s newest Royal Society fellows are as follows: Phillipe Van Cappellen, earth and environmental sciences; David Cory, Institute for Quantum Computing/chemistry; Eric Helleiner, political science; and Xuemin Shen, electrical and computer engineering. The RSC names about 80 new fellows annually. This year’s induction ceremony will take place on 27 November 2015 in Victoria. (Daily Bulletin, 9 September 2015)

Six young women entering STEM disciplines in science, technology, engineering and mathematics will begin their studies this year with $12,000 HeForShe IMPACT Scholarships from Waterloo. The new scholarship program is part of Waterloo’s ongoing efforts to achieve gender equity in academic programs that have traditionally been male dominated. They will be awarded to 24 young women over the next four years for a total of $288,000. Waterloo is one of only ten universities around the world to join the United Nations HeForShe IMPACT 10x10x10 campaign, a global commitment launched last year to promote gender equity. This year’s recipients are Anya Forestell (physics and astronomy), Sally Hui (mechatronics engineering), Sarah Muth (mathematical physics), Joyce (Anqi) Yang (computer science), Jenny Ma (computer engineering), and Zhuo Yu (mathematics). (Waterloo Stories, 14 September 2015)

Three professors from the Waterloo are among the new members of the Royal Society of Canada (RSC) College of New Scholars, Artists and Scientists. Members have reached a high level of achievement at an early stage of their careers. They represent the emerging generation of scholars and leaders in science and the arts in the country. The Waterloo researchers among the incoming members of the College of New Scholars, Artists and Scientists are Karen E. Collins (drama and speech communication), David Hammond (School of Public Health and Health Systems), and Zhou Wang (electrical and computer engineering). There were 48 new members named last week. This year’s induction ceremony will take place on 27 November 2015 in Victoria. (Daily Bulletin, 29 September 2015)
“Research Talks”
The next talk is scheduled for 11 November 2015, 12:00 p.m. in DC 1302; Susan Tighe, founding principal and director of the Centre for Pavement and Transportation Technology (CPATT) and the Norman W. McLeod Professor in Sustainable Pavement Engineering.

Research Activity

SSHRC – Most recent SSHRC Connection Grant Competition
- 5 successful (total $109,520)
- 1 4A (on supplementary list)
- 1 unsuccessful
- 7 total (71% success rate)

SSHRC – Insight Development Grant results 2015/16
- 5 were successful (total $266,027)
- 8 4A
- 20 unsuccessful
- 33 in total (15% success rate)

NSERC I2I
- Reliable Broadcast of Safety Messages for Vehicular Network Road Safety Applications (Weihua Zhuang/Sherman Shen) $125K

The Ontario Ministry of Health and Long-Term Care
PI: John Hirdes, School of Public Health and Health Systems
Amount: $936,000 over 3 years for the development of the Levels of Care (LOC) Framework for home and community care clients. The LOC Framework is intended to be an easily accessible way for the public to understand the level of care they can expect.

US Army. Lead Institution: University of Wisconsin
PI: Norbert Lütkenhaus, IQC
Amount: US $505,000 over 5 years; predicting the ability to create secret keys between arbitrary pairs of nodes using entanglement swapping and basic QKD protocols based on entangled qubit pairs.

Lockheed Martin
PI: Various, four projects confirmed (Sean Peterson, Chris Wilson, Jonathan Baugh, David Cory)
Amount: $1,043,000; for Second Heart (compression-based medical device), Quantum Heat Engine, Nanowire Multispectral Camera. More projects with Lockheed are under discussion.

Under Development:
- General Motors – We have finalized a new Master Agreement with GM. Anticipate that this will be used in a new IRC for total project budget of $1,498,500.
- Huawei – Four projects under negotiation for a total of $1,387,500

Ontario Audit General Activity
Extensive data collection and interpretation effort in support of responding to ongoing (starting late March 2015) OAG-IP (research outcomes) audit questions. Draft written audit report due in early October 2015. Based on preliminary feedback the main issues are likely going to be lack of institutional IP data collection and systems to more proactively identify IP opportunities earlier.

D. George Dixon
Vice-President, University Research
A. APPOINTMENTS/REAPPOINTMENTS

Definite Term – Appointments – full-time

PINCIVERO, Danny, Lecturer, Department of Kinesiology, January 1, 2016 – December 31, 2018. B.A., 1992, York University; M.Ed., 1993, University of Virginia, Ph.D., 1997, University of Pittsburgh; B.S.E., 2007, The University of Toledo. Dr. Pincivero versatile teaching experience complements the areas of biomechanics and neuroscience and fits well within the Department’s teaching needs.

VIGNA, Chris, Lecturer, Department of Kinesiology, January 1, 2016 – December 31, 2018. B.Sc., 2006, University of Waterloo, M.Sc., 2008, University of Waterloo, Ph.D., (expected 2015), University of Waterloo. Dr. Vigna’s teaching experience complements the area of Physiology and Metabolism and fits well within the Department’s teaching needs.

Adjunct Appointment

MYERS, Anita, Professor, School of Public Health and Health Systems, January 1, 2016 to December 31, 2017.

Research Appointment – part time

MANSKE, Steve, Research Associate, Faculty of Applied Health Sciences, Propel Centre for Population Health Impact, August 1, 2015 – July 31, 2017.

Special Appointments

Undergraduate Instruction

BURNS, Robert, Lecturer, Department of Kinesiology, September 14, 2015 – December 31, 2015.

SAGE, Michael, Lecturer, Department of Kinesiology, September 14, 2015 – December 31, 2015.

Postdoctoral Fellows appointed as Research

KUSPINAR, Ayse, School of Public Health and Health Systems, September 14, 2015 – September 13, 2016.

RATELLE, Mylene, School of Public Health and Health Systems, September 12, 2015 – August 31, 2016.

B. ADMINISTRATIVE APPOINTMENT

CHEN, Helen, Associate Director, Ideas for Health, School of Public Health and Health Systems, October 31, 2015 – October 29, 2017.

C. SABBATICAL

To be approved by the Board of Governors

GRIMWOOD, Bryan, Assistant Professor, Department of Kinesiology, January 1, 2016 – June 30, 2016, six months at full salary.
FOR INFORMATION

A. APPOINTMENTS

Tenure

KIM, Jeong Bon (BBA Seoul National University 1976, MSc in Accounting Seoul National University 1979, PhD in Business Administration Temple University 1986). Dr. Kim joins the School of Accounting and Finance starting July 1, 2015 as a Professor and the Wadsworth Chair. Dr. Kim was Chair Professor of Accountancy for six years at City University of Hong Kong. He was previously the Canada Research Chair in Corporate Governance and Financial Reporting at John Molson School of Business Concordia University. Dr. Kim has published numerous articles in leading academic journals in accounting and finance, including The Accounting Review, Contemporary Accounting Research, Review of Accounting Studies; Auditing: A Journal of Practice & Theory, Journal of Accounting and Public Policy, Journal of Financial Economics, Journal of Banking and Finance, Journal of Corporate Finance, and Journal of International Business Studies. Over the last six years he is ranked as the ninth most prolific researcher in accounting. He has supervised many Ph.D. students and postdoctoral fellows.

Probationary Term

NACKE, Lennart (Bakkalaureat 2005 Diplom-Ingenieur (Master’s) 2005 Otto-von-Guericke University Magdeburg, PhD 2010 Blekinge Institute of Technology School of Computing), Associate Professor, Department of Drama & Speech Communication, July 1, 2015 to June 30, 2018. Dr. Nacke comes to us from the UOIT, in Oshawa, where he was an Assistant Professor in the Faculty of Business and Information Technology. At the University of Waterloo he will teach in Digital Arts Communication as well as provide research leadership for UWaterloo-Stratford’s Engage lab, where he will teach in both the GBDA and DEI programs. Dr. Nacke's research is transdisciplinary, with much of his work happening within the realm of information and communication technologies and computer science, but also reaching into the areas of human health, wellness, and digital arts. He uses biotechnology, in particular physiological sensors, to evaluate user experience of computer games. His research in human-computer interaction in games has led to finding novel sensors and interaction paradigms that drive how we interact with computers in a meaningful and engaging way.

Definite Term

YANG, Xiaofei (Vivian) (Bachelor International Finance, 1997, University of International Business and Economics; MA 2002 PhD 2007 University of Colorado at Boulder), Lecturer, Department of Economics, August 1, 2015 to July 31, 2018. Dr. Yang has PhD in International Trade from the University of Colorado at Boulder. She taught in the Department of Economics (University of Waterloo) as an adjunct assistant professor in 2007-2008 and has been working since then for Deloitte in Toronto as a senior manager and economist in international transfer pricing.

Visiting

SRSA BENKO, Aleksandra (MA 2011 PhD expected 2016 University of Zagreb), Visiting Lecturer, Department of Germanic & Slavic Studies, September 1, 2015 to April 30, 2016. Ms Srsa Benko joins UW Arts as Visiting Lecturer in Croatian Language and Culture. She will promote and teach courses in Croatian language and culture, further develop online courses in Croatian, organize the student Slavic Club and participate in outreach activities on campus.

WORTMANN, Thomas, Visiting Lecturer, Department of Germanic and Slavic Studies, February 10, 2016 to March 25, 2016.
Adjunct Appointments – Instruction
BALTRUSAITIS, Jonathan, Lecturer, Faculty of Arts, Stratford Campus, September 1, 2015 to December 31, 2015.

LEROUX, Carlie, Lecturer, Department of Sociology and Legal Studies, September 1, 2015 to December 31, 2015.

FERREIRA, Aline, Lecturer, Department of Spanish and Latin American Studies, September 1, 2015 to December 31, 2015.

GAMEZ, Hector, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

HILLIER, Cathlene, Lecturer, Department of Sociology and Legal Studies, September 1, 2015 to December 31, 2015.

SPEED, Shannon, Lecturer, Department of Sociology and Legal Studies, September 1, 2015 to December 31, 2015.

STEVENSON, Michael, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

Adjunct Appointments – Miscellaneous (research, consultations, etc.)
MIKAIL, Samuel, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

Adjunct Reappointments – Instruction
ABBOTT, William, Associate Professor, (Associate Professor Emeritus), Independent Studies, September 1, 2015 to August 31, 2016.

ADAMS, Russell, Assistant Professor, Department of Anthropology, September 1, 2015 to December 31, 2015.

ARNASON, Mark, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

ASKES, Andrew, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

ATOCHÉ, Cristina, Lecturer, Department of Spanish and Latin American Studies, September 1, 2015 to December 31, 2015.

BALABAN, Steven, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

BALAISIS, Nicholas, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

BOLT, Laura, Lecturer, Department of Anthropology, September 1, 2015 to December 31, 2015.

BRIGGS, Catherine, Assistant Professor, Department of History, September 1, 2015 to December 31, 2015.

BULLOCH, Dean, Lecturer, Department of Psychology, September 1, 2015 to December 31, 2015.

CHASMAR, Hugh, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.
CLARK, Gregory, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

COOPER, Stephanie, Lecturer, Department of Germanic and Slavic Studies, September 1, 2015 to December 31, 2015.

CORRIGAN, Alan, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

DAGG, Anne Innis, Associate Professor, (Associate Professor Emerita), Independent Studies, September 1, 2015 to August 31, 2016.

DAL CASTEL, Katherine, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

DE ROOIJ-MOHLE, Margreet, Lecturer, Department of Germanic and Slavic Studies, September 1, 2015 to December 31, 2015.

DEMAN, Andrew, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

DEVEAU, Danielle, Lecturer Department of English Language and Literature, September 1, 2015 to December 31, 2015.

DIGNAN, Paul, Lecturer, Department of Fine Arts, September 1, 2015 to December 31, 2015.

DRUMMOND, Glen, Lecturer, Faculty of Arts, Stratford Programme, September 1, 2015 to December 31, 2015.

DUCATEL, Eugenie, Department of French Studies, September 1, 2015 to December 31, 2015.

DUCHARME, Robert, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

ENNIS, Richard, Lecturer, Department of Psychology, September 1, 2015 to December 31, 2015.

FEIL, Lisa, Lecturer, Department of French Studies, September 1, 2015 to December 31, 2015.

FLERAS, Augie, Lecturer, Department of Sociology and Legal Studies, September 1, 2015 to December 31, 2015.

GARWOOD, Kim, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

GLADKOVA, Olga, Lecturer, Departments of Drama and Speech Communication and English Language and Literature, September 1, 2015 to December 31, 2015.

HARVEY, Jo, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

HAYES, Nicole, Lecturer, Department of Anthropology, September 1, 2015 to December 31, 2015.
HILL, Heather, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

HOLUKOFF, Kurt, Lecturer, Department of Philosophy, September 1, 2015 to December 31, 2015.

HOPKINS, John, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

HUNTER, Natalie, Lecturer, Department of Fine Arts, September 1, 2015 to December 31, 2015.

IV, Kieng, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

JAÎMES-DOMINGUEZ, Luis, Lecturer, Department of Spanish and Latin American Studies, September 1, 2015 to December 31, 2015.

JAVED, Hira, Lecturer, Faculty of Arts, Stratford Programmes, September 1, 2015 to December 31, 2015.

LABADIE, Colin, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

LAM, Ibis, Lecturer, Department of Spanish and Latin American Studies, September 1, 2015 to December 31, 2015. *(reported incorrectly as a Definite-Term reappointment in the September 2015 report)*

LAZAR, Karen, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

LEUNG, May, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

LIN, David, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

LOBANA, Jodie, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

LOBB, Diana, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

LOVE, Craig, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

LUCAS, Jonathan, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

MANNING, Thomas, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

MALONE, Toby, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

MCARThUR, Kathryn, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

MEINYKEVYCH, Viktorya, Lecturer, Department of Germanic and Slavic Studies, September 1, 2015 to December 31, 2015.
MURRAY, Neil. Lecturer, Department of Psychology, September 1, 2015 to December 31, 2015

NABERT-CHUBB, Rebecca, Lecturer, Department of Political Science, September 1, 2015 to December 31, 2015.

NEEDHAM, Brent, Lecturer, Department of Political Science, September 1, 2015 to December 31, 2015.

O'HARA, Kathleen, Lecturer, Faculty of Arts, Co-op and Arts Special Programs, September 1, 2015 to December 31, 2015.

PECKHAM, William, Lecturer, Department of Psychology, September 1, 2015 December 31, 2015.

RAJSIC, Predrag, Lecturer, Department of Economics, September 1, 2015 to December 31, 2015.

RAY, Nicholas, Lecturer, Department of Philosophy, September 1, 2015 to December 31, 2015.

RICHARDS, Edward, Lecturer, Department of Philosophy, September 1, 2015 to December 31, 2015.

RIVA, Lori, Lecturer, Department of Fine Arts, September 1, 2015 to December 31, 2015.

ROGOZYNSKI, Daniel, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

SALAM, Abdus, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

SAMUELS, Boba, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

SCHWEITZER, David, Assistant Professor, Department of History, September 1, 2015 to December 31, 2015.

SHAKESPEARE, Robert, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

SLETHAUG, Gordon, Professor, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

SMITHWICK, Neal, Lecturer, Department of Sociology and Legal Studies, September 1, 2015 to December 31, 2015.

SNYDER, Carrie, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

SRINIVASAN, Arun, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

STACEY, Jeffery, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.
STUART, Heather, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

STUMPF, Andrew, Lecturer, Department of Philosophy, September 1, 2015 to December 31, 2015.

THARMALINGAM, Pirapa, Lecturer, Department of Economics, September 1, 2015 to December 31, 2015.

TIMBERG, Robert, Lecturer, School of Accounting and Finance, September 1, 2015 to December 31, 2015.

WHITE, Matthew, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

WYSE, Bruce, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

ZHOU, Mark, Lecturer, Department of Economics, September 1, 2015 to December 31, 2015.

ZACHARIAS, Robert, Lecturer, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

ZIMMERMAN, Amber, Lecturer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

Adjunct Reappointments – Miscellaneous (research, consultations, etc.)

HOLMES, John, Professor (Professor Emeritus), Department of Psychology, September 1, 2015 to August 31, 2016.

MITTELSTAEDT, Walter, Director, Campus Wellness, Department of Psychology, September 1, 2015 to August 31, 2016.

Adjunct Reappointments – Graduate Supervision

BEHARRY, Edward, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

BEHARRY, Pamela, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

BIELING, Peter, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

DODGSON, Philip, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

GIFFORD, Shannon, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

LANE, Christopher, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2015.

MCBRIDE, Carolina, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

ORR, Elizabeth, Clinical Supervisor, Department of Psychology, September 1, 2015 August 31, 2016.
STEVENS, Elizabeth, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

TOMAN, Philip, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

WHEELER, Heather, Assistant Professor, Department of Psychology, September 1, 2015 to August 31, 2016.

Graduate Students Appointed as Part-Time Lecturers

AARDSE, Kent, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

ABDULLA, Rosanne, Department of French Studies, September 1, 2015 to December 31, 2015.

ATEGOMO YMELE, Martial, Department of French Studies, September 1, 2015 to December 31, 2015.

BRADLEY, Adam, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

CARROLL, James, Department of Germanic and Slavic Studies, September 1, 2015 to December 31, 2015.

CHEKETE, Godrick, Department of French Studies, September 1, 2015 to December 31, 2015.

CLEMENT, Ryan, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

COAKLEY, Laura, Department of French Studies, September 1, 2015 to December 31, 2015.

CRONIN, Keely, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

DEFRAEYE, Julien, Department of French Studies, September 1, 2015 to December 31, 2015.

DESHANE, Evelyn, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

DOYLE, Jennifer, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

EHRENTRAUT, Judy, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

EVEN, Coleen, Department of French Studies, September 1, 2015 to December 31, 2015.

GIBBONS, Sarah, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

HAIDER, Amna, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

JORDAN, William, Department of Philosophy, September 1, 2015 to December 31, 2015.

KUZMINYKH, Anastasia, Department of Germanic and Slavic Studies, September 1, 2015 to December 31, 2015.
LAWRENCE, Christopher, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

LEGGIE, Scott, Department of Economics, September 1, 2015 to December 31, 2015.

MAYBERRY, Tommy, Department of Fine Arts, September 1, 2015 to December 31, 2015.

MCCARTHY, Megan, Department of Psychology, September 1, 2015 to December 31, 2015.

MEHRABIAN, Houman, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

MILETIC, Philip, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

NEUPANE, Dhruba, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

NORTHCOTE, Graeme, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

PENDER, John, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

PIRIE, Nathan, Department of French Studies, September 1, 2015 to December 31, 2015.

REILLY, Sarah, Department of French Studies, September 1, 2015 to December 31, 2015.

RILEY, Meghan, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

ROSS, George, Department of Drama and Speech Communication, September 1, 2015 to December 31, 2015.

SCHLEIN, Friederike, Department of Germanic and Slavic Studies, September 1, 2015 to December 31, 2015.

SEYLER, Caroline, Department of French Studies, September 1, 2015 to December 31, 2015.

SHAY, Virginia, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

THIESSEN, David, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

VOSSEN, Emma, Department of English Language and Literature, September 1, 2015 to December 31, 2015.

YESAYA, David, Department of French Studies, September 1, 2015 to December 31, 2015.

Staff Appointments to Faculty
DI GRAVIO, Katrina, Lecturer, Department of Psychology, September 1, 2015 to December 31, 2015.
GLOVER, Adam, Lecturer, Department of Fine Arts, September 1, 2015 to December 31, 2105.

SCHMIDLIN, Karin, Lecturer, Faculty of Arts, Stratford Programmes, September 1, 2015 to December 31, 2015.

B. ADMINISTRATIVE APPOINTMENTS

Administrative Appointments

DAGTAS, Secil, Associate Chair, Undergraduate Studies, Department of Anthropology, January 1, 2016 to June 30, 2016.

JAKOBSH, Doris, Associate Chair, Graduate Studies, Department of Religious Studies, August 1, 2015 to July 31, 2017.

WANG, Hongying, Associate Chair, Graduate Studies, Department of Political Science, July 1, 2015 to June 30, 2018.

Administrative Reappointments

KITCHEN, Veronica, Associate Chair, Undergraduate Studies, Department of Political Science, May 1, 2015 to December 31, 2015.

RUSSELL, Grant, Associate Director, Programs, School of Accounting and Finance, July 1, 2015 to June 30, 2017.

Douglas M. Peers
Dean, Faculty of Arts
A. **APPOINTMENTS**

*Definite Term – Reappointment – part-time*

**KHALVATI, Farzad**, Research Assistant Professor, Department of Systems Design Engineering, August 1, 2015 – July 31, 2016.

*Visiting Appointments*


**GASPAR, Jozsef**, Scholar, Department of Chemical Engineering, September 1, 2015 – November 25, 2015.

**KAMINSKI, Gabriel Albuquerque**, Scholar, Department of Chemical Engineering, September 8, 2015 – October 31, 2016.

**ZHANG, Linye**, Scholar, Department of Chemical Engineering, November 1, 2015 – October 31, 2017.


*Visiting Reappointments*

**GUPTA, Vishal**, Scientist (part-time), Department of Chemical Engineering, June 1, 2015 – December 31, 2016.

**MEHRATA, Mina**, Scholar (part-time), Department of Chemical Engineering, September 1, 2015 – December 31, 2015.

**MUTYALA, Prashant**, Researcher, Department of Chemical Engineering, October 1, 2015 – September 30, 2016.


*Special Appointments*

**BALESHTA, James**, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – December 31, 2015.
BARDELCIK, Alexander, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – December 31, 2015.

BARTOSIK, Michal, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

BORLAND, Matt, Lecturer, Department of Systems Design Engineering, September 1, 2015 – December 31, 2015.

DOWLING, Paul, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

FAZELI, Amir, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – December 31, 2015.

KARIMI, Reza, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

NAKAMURA, Hajime, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

NASIRI, Ali, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – December 31, 2015.

POURMOHAMMADALI, Homeyra, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – December 31, 2015.

SCHILLING, Mark, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

TAYONA, Nova, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

YEKRANGIAN, Delnaz, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

Special Appointments
Graduate Instruction

Special Appointments
Other

Special Reappointments
Undergraduate Instruction
GRiffiths-Fulton, Karl, Lecturer, Department of Systems Design Engineering, September 1, 2015 – December 31, 2015.

LIM TUNG, Fiona, Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

MATHER, David, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – December 31, 2015.
**Special Reappointments**
Undergraduate & Graduate Instruction

**FARD, Ali,** Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

**SORLI, Scott,** Lecturer, School of Architecture, September 1, 2015 – December 31, 2015.

**Adjunct Appointments**
Graduate Supervision & Research

**KASAIE ZADEH MAHABADI, Seyed Alireza,** Assistant Professor, Lecturer, Department of Mechanical & Mechatronics Engineering, September 1, 2015 – August 31, 2018.

**Adjunct Reappointments**
Research & Graduate Supervision

**CHAKMA, Amit,** Professor, Department of Chemical Engineering, September 1, 2015 – August 31, 2017.

**MARCOS, Bernard,** Professor, Department of Chemical Engineering, September 1, 2015 – August 31, 2018.

**SCHARCANSKI, Jacob,** Professor, Department of Systems Design Engineering, October 1, 2015 – September 30, 2018.

**WANG, Haijiang,** Assistant Professor, Department of Chemical Engineering, July 1, 2015 – June 30, 2018.

**B. Administrative Appointments**

**BURN, Don,** Interim Associate Chair, Graduate Studies, Department of Civil & Environmental Engineering, September 1, 2015 – February 29, 2016.

**CASCANTE, Giovanni,** Associate Chair, Graduate Studies, Department of Civil & Environmental Engineering, March 1, 2016 – June 30, 2016.

**ROSE, David,** Associate Director, Graduate Programs, Conrad Business, Entrepreneurship & Technology Center, Dean of Engineering Office, September 1, 2015 – August 31, 2016.

**Administrative Reappointments**

**CAMPBELL, Scott,** Director, Centre for Society Technology and Values (CSTV), Department of Systems Design Engineering, September 1, 2015 – August 31, 2016.

**C. Sabbatical Leaves**
*For Approval by the Board of Governors*

**BEESLEY, Philip,** Professor, School of Architecture, January 1, 2016 – June 30, 2016, six months at 100% salary.

**ERENAY, Fatih,** Assistant Professor, Department of Management Sciences, January 1, 2016 – June 30, 2016, six months at 100% salary.

**GZARA, Fatma,** Associate Professor, Department of Management Sciences, January 1, 2016 – June 30, 2016, six months at 85% salary.
KNIGHT, Mark, Associate Professor, Department of Civil & Environmental Engineering, January 1, 2016 – December 31, 2016, twelve months at 100% salary.

LASHGARIAN AZAD, Nasser, Assistant Professor, Department of Systems Design Engineering, January 1, 2016 – June 30, 2016, six months at 100% salary.

LIEN, Fue-Sang, Professor, Department of Mechanical & Mechatronics Engineering, September 1, 2016 – February 28, 2017, six month at 100% salary.

WALBRIDGE, Scott, Associate Professor, Department of Civil & Environmental Engineering, May 1, 2016 – October 31, 2016, six month at 100% salary.

Pearl Sullivan
Dean, Faculty of Engineering
FOR INFORMATION

A. APPOINTMENTS

Probationary Term Appointment
DOW, Christine, Assistant Professor, Department of Geography and Environmental Management, May 1, 2016 to June 30, 2019; PhD, Swansea University, 2014; MSc, University of Alberta, 2009; MA, University of Edinburgh, 2006. Currently a Postdoctoral Fellow at the NASA Goddard Space Flight Centre, Dr. Dow’s expertise focuses on subglacial hydrological systems and the impact of basal hydrology on ice dynamics in the context of a changing climate. She uses numerical modeling techniques, geophysical analysis and in situ field data to analyze ice sheets in both the northern and southern hemispheres. Dr. Dow is already a global leader in the field of large ice sheet dynamics.

Adjunct Appointments

Graduate Supervision
BRANZEI, Oana, Associate Professor, School of Environment, Enterprise and Development, May 1, 2015 to April 30, 2018.

KING, Joshua, Assistant Professor, Department of Geography and Environmental Management, September 1, 2015 to August 31, 2018.

MERCER CLARKE, Colleen, Assistant Professor, School of Planning, July 1, 2015 to June 30, 2018.

MILLER, Eric, Professor, School of Planning, August 1, 2015 to July 31, 2018.

Special Appointments

Instruction
BRAUNSTEIN, Martina, Studio Facilitator/Professional Support, School of Planning, September 1, 2015 to December 31, 2015.

HALLADAY, Matthew, Studio Facilitator/Professional Support, School of Planning, September 1, 2015 to December 31, 2015.

LEHMAN, Robert, Lecturer, School of Planning, September 1, 2015 to December 31, 2015.

Cross Appointment
QUILLEY, Stephen, Associate Professor, Department of Environment and Resource Studies to the Department of Geography and Environmental Management, September 1, 2015 to December 31, 2018.

Graduate Student Appointed as Part-Time Lecturer
KARROW, Thomas, Department of Geography and Environmental Management, September 1, 2015 to December 31, 2015.

B. SABBATICAL LEAVES

For Approval by the Board of Governors
DEADMAN, Peter, Associate Professor, Department of Geography and Environmental Management, January 1, 2016 to June 30, 2016, at 100% salary.
DUGUAY, Claude, Professor, Department of Geography and Environmental Management, January 1, 2016 to December 31, 2016, at 85% salary.

FEDY, Bradley, Assistant Professor, Department of Environment and Resource Studies, January 1, 2016 to June 30, 2016, at 100% salary.

SEASONS, Mark, Professor, School of Planning, January 1, 2016 to June 30, 2016, at 100% salary.

C. ADMINISTRATIVE LEAVE  
For Approval by the Board of Governors  
DEADMAN, Peter, Associate Professor, Department of Geography and Environmental Management, July 1, 2016 to October 31, 2016, at 100% salary.

Jean Andrey  
Dean
University of Waterloo
REPORT OF THE DEAN OF MATHEMATICS TO SENATE
October 19, 2015

FOR INFORMATION

A. APPOINTMENTS (for approval by the Board of Governors)

Probationary-Term Appointments

SALIGOGLU, Semih (BS, 2006, Yale University; PhD, 2015, Stanford University), Assistant Professor, David R. Cheriton School of Computer Science, January 1, 2016 – June 30, 2019. Dr. Salihoglu received his PhD in Computer Science from Stanford University in 2015 under the supervision of Prof. Jennifer Widom. He has a Bachelor's degree from Yale University in 2006 in Computer Science and Economics, and also worked as a software engineer at Google from 2006-2009. Dr. Salihoglu's research interests are in databases, more specifically on algorithms and systems that expand the capabilities of distributed large-scale data processing, with an emphasis on performing large-scale joins of record-oriented data and processing large graphs. He has published more than 10 research papers in top venues.

Visiting Appointments

ESHAN, Nava (University of Tehran), Scholar, David R. Cheriton School of Computer Science, November 1, 2015 – April 30, 2016.


LEE, Hun Hee (Seoul National University), Professor, Dept. of Pure Mathematics, December 23, 2015 – February 28, 2017.

WANG, Zengyun (Hunan First Normal University), Scholar, Dept. of Applied Mathematics, October 1, 2015 – September 30, 2016.

Adjunct Appointments

Research

ZORZITTO, Frank (Professor Emeritus), Adjunct, Dept. of Pure Mathematics, September 1, 2015 – August 31, 2018.

Adjunct Reappointments

Instructor

ALWAN, Mohammad, Lecturer, Dept. of Applied Mathematics, September 1, 2015 – December 31, 2015.

BEDAWI, Safaa, Lecturer, David R. Cheriton School of Computer Science, September 1, 2015 – December 31, 2015.

HOSSEINI, Hadi, Lecturer, David R. Cheriton School of Computer Science, September 1, 2015 – December 31, 2015.
KHARAL, Rosina, Lecturer, David R. Cheriton School of Computer Science, September 1, 2015 – December 31, 2015.

KOU, Tian, Lecturer, David R. Cheriton School of Computer Science, September 1, 2015 – December 31, 2015.

LaFOREST, Martin, Lecturer, Office of the Dean, September 1, 2015 – December 31, 2015.


ZIMA, Eugene, Lecturer, David R. Cheriton School of Computer Science, January 1, 2016 – April 30, 2016.

Research
DJOKOVIC, Dragomir (Professor Emeritus), Adjunct, Dept. of Pure Mathematics, September 1, 2015 – August 31, 2018.

HU, Shengda, (Wilfrid Laurier University), Professor, Dept. of Pure Mathematics, July 1, 2015 – June 30, 2018.

Cross Appointments
LAU, Lap Chi (Professor, David R. Cheriton School of Computer Science), in the Dept. of Combinatorics and Optimization, September 1, 2015 – June 30, 2020.

Graduate Students appointed as Part-time Lecturers


WANG, Tao, David R. Cheriton School of Computer Science, September 1, 2015 – December 31, 2015.


Graduate Students reappointed as Part-time Lecturers


B. RESIGNATIONS
BIASSE, Jean-Francois, Post-Doctoral Fellow, Dept. of Combinatorics and Optimization, effective August 31, 2015.

LOO, Clinton, Lecturer, Office of the Dean, effective September 8, 2015.

C. SABBATICALS (for approval by the Board of Governors)
EMERSON, Joseph (Associate Professor), Dept. of Applied Mathematics, March 1, 2016 – August 31, 2016, with 85% salary.

LEUNG, Debbie (Professor), Dept. of Combinatorics and Optimization, January 1, 2016 – June 30, 2016, with 85% salary.

Stephen M. Watt
Dean
For information:

A. **APPOINTMENTS**

*New Definite Term*

**McFARLANE, Thomas**, Clinical Lecturer, School of Pharmacy, September 1, 2015 to August 31, 2020. [B.Sc. Pharmacy, University of Toronto (1996); Pharm. D., Idaho State University (2011).] Since receiving his Pharm.D. in 2004, Dr. McFarlane has been a clinical pharmacist working with the hematology/oncology/palliative care program of the Waterloo Wellington Regional Cancer program based out of Cambridge Memorial Hospital. Dr. McFarlane has also been an adjunct faculty member at the School of Pharmacy since 2010 teaching a variety of therapeutic topics related to oncology, pain management and internal medicine. Dr. McFarlane has documented effectiveness as a teacher and a broad range of practice expertise that will allow him to contribute to a number of courses within the pharmacy curriculum. His clinical expertise in oncology and pain management will also allow him to collaborate on research projects with several other faculty members in the School.

*Adjunct Appointments*

*Graduate Instruction and Graduate Supervision*

**BASKERVILLE, Bruce**, Assistant Professor, School of Pharmacy, August 24, 2015 to August 31, 2018.

**LIU, Wing-Ki**, (Professor Emeritus), Professor, Department of Physics and Astronomy, September 1, 2015 to August 31, 2018.

*Graduate Supervision and Other*

**COTT, Peter A.**, Assistant Professor, Department of Biology, September 1, 2015 to August 31, 2018.

**CROLL, Roger**, Professor, Department of Biology, September 1, 2015 to August 31, 2018.

**KELLY-HOOPER, Francine**, Assistant Professor, Department of Biology, July 20, 2015 to June 19, 2018.

*Research and Other*

**BROWN, Douglas**, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

**BYNKOSKI, Kaitlin**, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.
EDWARDS, Donnie, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

FOLEY, Heather, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

KNOPPERT, David, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

MANSON, Kenneth, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

PATODIA, Rosemarie, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

ROBERT-KAPPEL, Noella, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

SADIKIAN, Stephan, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

Adjunct Reappointment

Graduate Supervision

LEGGE, Gordon E., Professor, School of Optometry and Vision Science, September 1, 2015 to August 31, 2018.

Research

McCOURT, Frederick R.W., (Distinguished Professor Emeritus), Professor, Department of Chemistry, September 1, 2015 to August 31, 2018.

Other

SANDRE, Olivier, Professor, Department of Chemistry, September 1, 2015 to August 31, 2018.

Undergraduate Instruction

BOWLES-JORDAN, Janie, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

HEINTZMAN, Angela, Clinical Assistant Professor, School of Pharmacy, September 1, 2015 to August 31, 2016.

Graduate Supervision and Research

MORRIS, Carol A., Associate Professor, School of Optometry and Vision Science, September 1, 2015 to August 31, 2018.
Cross Reappointments

DUNCAN, Robin, Assistant Professor, Department of Kinesiology, cross appointed to Department of Biology, October 1, 2015 to September 30, 2018.

EDGINTON, Andrea, Associate Professor, School of Pharmacy, cross appointed to Department of Biology, October 1, 2015 to September 30, 2018.

NEKKAR, Praveen, Associate Professor, School of Pharmacy, cross appointed to Department of Chemistry, September 1, 2015 to August 31, 2018.

THOMSON, Neil, Professor, Department of Civil Engineering cross appointed to Department of Earth and Environmental Sciences, July 1, 2015 to June 30, 2017.

Special Appointment

BARNES, Derek J., Lecturer, School of Optometry and Vision Science, September 1, 2015 to December 31, 2015.

Special Reappointment

Undergraduate Instruction

CONANT Jr., Brewster, Lecturer, Department of Earth and Environmental Sciences, September 1, 2015 to December 31, 2015.

DYMOCK, Ken R., Lecturer, Department of Earth and Environmental Sciences, September 1, 2015 to December 31, 2015.

MARTIN-MARTINEZ, Eduardo, Lecturer, Department of Physics and Astronomy, January 1, 2016 to April 30, 2016.

Staff Reappointed as Part-time Lecturer

DINH, Tan, Lecturer, Faculty of Science, September 1, 2015 to December 31, 2015.

Postdoctoral Fellow Reappointed as Part-time Lecturer

DELANEY, Keith, Lecturer, Department of Earth and Environmental Sciences, September 1, 2015 to December 31, 2015.

B. ADMINISTRATIVE REAPPOINTMENTS

LIN, Shoufa, Associate Dean, International Programs, Faculty of Science, September 1, 2015 to August 31, 2016.

C. RETIREMENT

LIU, Wing-Ki, Professor, Department of Physics and Astronomy, effective September 1, 2015.
FOR APPROVAL BY THE BOARD OF GOVERNORS

D.  SABBATICAL

BOBIER, William R., Professor, School of Optometry and Vision Science, January 1, 2016 to June 30, 2016, 100% salary arrangements.

ILLMAN, Walter, Associate Professor, Department of Earth and Environmental Sciences, January 1, 2016 to December 31, 2016, 100% salary arrangements.

R.P. Lemieux
Dean
SENATE UNDERGRADUATE COUNCIL
Report to Senate
19 October 2015

Senate Undergraduate Council met on 8 September 2015, and considered proposals for new academic plans, changes to academic plans, and inactivations of academic plans. Council agreed to forward the following item to Senate for approval. Council recommends these items be included in the regular agenda.

Further details are available at: uwaterloo.ca/secretariat/committees-and-councils/senate-undergraduate-council

FOR APPROVAL

NEW ACADEMIC PLANS, CHANGES TO ACADEMIC PLANS and INACTIVATIONS OF ACADEMIC PLANS [effective 1 September 2016]

Faculty of Arts

Economics

1. Motion: To approve new plans, plan amendments and plan inactivations in economics as presented in Attachment 1.

   Rationale: The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. These changes aim to simplify plans to be more comprehensible and facilitate student success.

Fine Arts

2. Motion: To approve new plans, plan amendments, and plan inactivations in fine arts as presented in Attachment 2.

   Rationale: See rationale for motion #1.

Germanic and Slavic Studies

3. Motion: To approve plan amendments and plan inactivations in German as presented in Attachment 3.

   Rationale: See rationale for motion #1.

Classical Studies

4. Motion: To approve plan amendments in medieval studies as presented in Attachment 4.

   Rationale: See rationale for motion #1.

Psychology

5. Motion: To approve new plans and plan amendments in psychology as presented in Attachment 5.

   Rationale: See rationale for motion #1.

Sexuality, Marriage, and Family Studies

6. Motion: To approve new plans, plan amendments, and plan inactivations in sexuality, marriage, and family studies as presented in Attachment 6.

   Rationale: See rationale for motion #1.
Social Development Studies

7. **Motion**: To approve plan amendments in social development studies as presented in Attachment 7.

**Rationale**: See rationale for motion #1.

CHANGE TO ACADEMIC PLAN [effective 1 September 2016]

▸ Faculty of Science
   Psychology

8. **Motion**: To approve changes to the honours psychology plan and the recommended course sequence as presented in Attachment 8.
   (note: strikethrough = deleted text, underline = new text)

**Rationale**: Some of the plan changes arise from changes to the psychology plan in the Faculty of Arts, e.g., renumbering of courses. Plan changes incorporate notes and new sections which aim to maintain robustness for the plan in science where in the past only reference to the arts plan was made.

/MG

Mario Coniglio
Associate Vice-President, Academic
1. PLAN STANDARDIZATION [for approval]

A. Department: Economics

1. Academic Plan Changes [for approval]

Effective date: September 01, 2016

Motion: To approve these changes to be implemented, as described, for the class that will enter in September 2015 (admit to the major in September 2016). These students will receive the modified curriculum, however it will not be in the 2015-2016 calendar. The Department of Economics, along with the Faculty of Arts, will implement an appropriate communication plan to inform the new students of this change.

1.1 Four-Year General Economics

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Economics major average of 68%.

Eligibility for graduation in the Four-Year General Economics academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Economics Plan-level requirements:
   o a minimum Economics major average of 65%
   o at least seven eight academic course units (14 16 courses) in Economics with a minimum cumulative average of 68%, including:
     ▪ ECON 101, ECON 102
     ▪ ECON 201, ECON 202, ECON 211, ECON 221, ECON 290, ECON 301, ECON 302, ECON 321
     ▪ three additional ECON courses at the 300-level or above, of which two courses must be at the 400-level
     ▪ ECON 306, ECON 322, ECON 323, ECON 391, ECON 393
     ▪ one of ECON 406, ECON 407, ECON 408, ECON 409
     ▪ two additional ECON courses at the 400-level

Note: Students in any Economics academic plan are not eligible to take the Environment and Economics Minor.
ECON 201 does not fulfill Economics course requirements for any Economics major plan.

1.2 Honours Economics

Honours Economics Co-op
Honours Economics (Arts and Business Co-op and Regular)
Honours Economics double major (formerly “Joint Honours”)
**Motion:** To amend the academic plan requirements for the Honours Economics, the Honours Economics Co-op, the Honours Economics (Arts and Business Co-op and Regular), and the Joint Honours Economics (now referred to as Honours double majors) plans, and to collapse the calendar text for each plan as described.

**Honours Economics**
Continuation in this academic plan requires a cumulative average of 60% and a cumulative Economics average of 75%. Both regular and co-operative versions of this plan are available.

Eligibility for graduation in the Honours Economics academic plan includes successful fulfillment of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Economics Plan-level requirements:
   - at least nine academic course units (18 courses) in Economics with a minimum cumulative average of 75%, including:
     - ECON 101, ECON 102, ECON 201, ECON 202, ECON 211, ECON 221, ECON 301, ECON 302, ECON 321, ECON 401, ECON 402
     - five additional ECON courses at the 300-level or above
   - Before graduation, all students must demonstrate to the undergraduate advisor their proficiency in report and essay writing. This can be accomplished by receiving a passing grade in ECON 472, or by submitting two single-authored term papers, each with a minimum course-weight of 25%, and written in an Economics course. Content exemption from ECON 472 does not reduce the overall 18-course requirement.

**Note**
Students in any Economics academic plan are not eligible to take the Environment and Economics Minor.

**Honours Economics (Arts and Business Co-op and Regular)**
Students may combine the Honours Economics academic plan with Arts and Business.

Continuation in this academic plan requires a cumulative average of 60% and a cumulative Economics average of 75%.

Eligibility for graduation in the Honours Economics (Arts and Business Co-op and Regular) academic plan includes successful fulfillment of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Economics Plan-level requirements:
   - at least nine academic course units (18 courses) in Economics with a minimum cumulative average of 75%, including:
     - ECON 101, ECON 102, ECON 201, ECON 202, ECON 211, ECON 221, ECON 301, ECON 302, ECON 321, ECON 401, ECON 402
     - five additional ECON courses at the 300-level or above
   - Before graduation, all students must demonstrate to the undergraduate advisor their proficiency in report and essay writing. This can be accomplished by receiving a passing grade in ECON 472, or by submitting two single-authored term papers, each with a minimum course-weight of 25%, and written in an Economics course. Content exemption from ECON 472 does not reduce the overall 18-course requirement.
3. Arts and Business requirements.

**Note**
Students in any Economics academic plan are not eligible to take the Environment and Economics Minor.
Joint Honours Economics
A Joint Honours academic plan with Economics may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties.

Continuation in this academic plan requires a cumulative average of 60% and a cumulative Economics average of 75%.

Eligibility for graduation in the Joint Honours Economics academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements for the Home Faculty, including at least 20 academic course units (40 courses). If the Home Faculty is Arts, see Bachelor of Arts Degree Requirements.
2. Economics Plan-level requirements:
   - at least seven academic course units (14 courses) in Economics with a minimum cumulative average of 75%, including:
     - ECON 101, ECON 102, ECON 201, ECON 202, ECON 211, ECON 221, ECON 301, ECON 302, ECON 321, ECON 401, ECON 402
     - two additional ECON courses at the 300-level or above
   - Before graduation, all students must demonstrate to the undergraduate advisor their proficiency in report and essay writing. This can be accomplished by receiving a passing grade in ECON 472, or by submitting two single-authored term papers, each with a minimum course-weight of 25%, and written in an Economics course. Content exemption from ECON 472 does not reduce the overall 14-course requirement.
3. Plan-level requirements for the second major.

Notes

1. Economics and Geography and Environmental Management
   - If majoring in Geography and Environmental Management through Arts, the degree requirements of the Faculty of Arts must be met; if majoring in Geography and Environmental Management through Environment, the degree requirements for the Faculty of Environment must be met. Students must take ECON 221 or ENVS 178 or ENVS 278.
2. Economics and Sociology
   - Students may take either ECON 221 or SOC 280.
3. Biotechnology and Economics
   - A Biotechnology and Economics academic plan is available through the Faculty of Science. The requirements are outlined under the Biotechnology/Economics Degree Requirements section of this calendar.
4. Students in any Economics academic plan are not eligible to take the Environment and Economics Minor.

Honours Economics
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Economics major average of 70%. Both regular and co-operative versions of this plan are available.

Eligibility for graduation in the Honours Economics academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Economics Plan-level requirements:
   - a minimum Economics major average of 70%
at least eight academic course units (16 courses) in Economics, including:

- ECON 101, ECON 102
- ECON 211, ECON 221, ECON 290
- ECON 306, ECON 322, ECON 323, ECON 391, ECON 393
- one of ECON 406, ECON 407, ECON 408, ECON 409
- two additional ECON courses at the 400-level

**Note**

ECON 201 does not fulfill Economics course requirements for any Economics major plan.

**Arts and Business (Co-op and Regular)**

Students may combine the Honours Economics academic plan with Arts and Business. In addition to the Honours Economics requirements, students must also complete the **Arts and Business requirements**.

**Honours double majors**

Honours Economics may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double majors section of [Available Arts Academic Plans](#).

**Intensive Specialization**

Calendar text for new academic plan will be inserted here.

### 1.3 Specializations in Economics

The following specializations are open to all students majoring in Economics or Mathematical Economics.

Students majoring in Honours Economics or Four-Year General Economics can pursue one specialization choosing from a number of areas including Econometrics, Finance, and Public Policy. Students may select only one area of specialization. Students majoring in Honours Mathematical Economics are eligible to pursue the Finance Specialization. Each area of specialization requires four Economics courses which represent part of the total 18 Economics courses required for Honours Economics or part of the total 14 Economics courses required for Four-Year General Economics or Honours Mathematical Economics. Students may select only one specialization.

**Econometrics Specialization**

The Econometrics Specialization requires successful completion of four courses:

- ECON 323 or STAT 231
- ECON 421 or STAT 331, ECON 422
- one two of ECON 311, ECON 405, ECON 422, ECON 423

**Finance Specialization**

The Finance Specialization requires successful completion of four courses:

- ECON 371, ECON 372, ECON 304
- one two of ECON 332, ECON 404, ECON 405, ECON 406, ECON 423

**Public Policy Specialization**

The Public Policy Specialization requires successful completion of four courses:

- ECON 341, ECON 361
- one two of ECON 342, ECON 351, ECON 363, ECON 442, ECON 456
- one of ECON 344, ECON 351, ECON 363, ECON 456
1.4 Honours Mathematical Economics

Continuation in this academic plan requires a cumulative overall average of 60%, a cumulative Economics average of 75% 70%, and a cumulative Mathematics average of 60%. Both regular and co-operative versions of this plan are available.

Eligibility for graduation in the Honours Mathematical Economics academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Economics Plan-level requirements:
   - at least seven eight academic course units (14 16 courses) in Economics with a minimum cumulative average of 75% 70%, including:
     - ECON 101, ECON 102, ECON 201, ECON 202, ECON 301, ECON 302, ECON 371, ECON 401, ECON 402, ECON 421, ECON 472
     - three additional ECON courses at the 300-level or above
     - ECON 290
     - ECON 306, ECON 391, ECON 392, ECON 393
     - ECON 472, ECON 491, ECON 496
     - one of ECON 406, ECON 407, ECON 408, ECON 409
     - two additional ECON courses at the 400-level
   - at least 6.5 course units (13 courses) in Mathematics with a minimum cumulative average of 60%, including:
     - Applied Linear Models: STAT 321 or STAT 331
     - Calculus:
       - one of MATH 127, MATH 137, MATH 147
       - one of MATH 128, MATH 138, MATH 148
       - one of MATH 207, MATH 237, MATH 247
     - Computer Science:
       - one of CS 115, CS 135, CS 145
       - one of CS 116, CS 136, CS 146
     - Differential Equations: AMATH 250 or AMATH 350
     - Linear Algebra:
       - one of MATH 106, MATH 136, MATH 146
       - one of MATH 225, MATH 235, MATH 245
     - Linear Optimization: one of CO 227, CO 250, CO 255
     - Probability: one of STAT 220, STAT 230, STAT 240
     - Statistics: one of STAT 221, STAT 231, STAT 241
     - one additional math course

Notes

1. Students must achieve a cumulative average of at least 75% 70% in the 14 all economics courses counted towards the degree and a cumulative average of 60% in the 13 all mathematics courses counted towards the degree.

2. For graduation and progression purposes, a student’s averages will be calculated according to the practices of the faculty in which the student is formally registered. Should a student transfer from the Faculty of Mathematics to the Faculty of Arts (or vice versa), the student’s average calculations may be revised to reflect the differing average calculation rules.

3. Students in any Economics academic plan are not eligible to take the Environment and Economics Minor.

4. ECON 201 does not fulfill Economics course requirements for any Economics major plan.
**Arts and Business**

Students enrolled in the Arts and Business academic plan may not select the Honours Mathematical Economics academic plan as their major.

**Honours double majors**

The Honours Mathematical Economics academic plan may not be taken in combination with any other major. For further information, see [Available Arts Academic Plans](#).

### 1.5 Economics Minor

Students enrolled in any degree program may pursue a minor designation in Economics.

The Economics Minor requires successful completion of a minimum of four academic course units (eight courses) in Economics with a minimum cumulative average of 65%, including:

- ECON 101, ECON 102, ECON 201, ECON 202
- one of ECON 211, ECON 221
- one of ECON 206, ECON 207
- four additional ECON courses at the 200-level or above

**Notes**

1. Other courses may be substituted for ECON 211, ECON 221 at the approval of the Department of Economics. Exemption from ECON 211, ECON 221 does not reduce the overall eight course requirement for the Economics Minor.

2. Students in any Economics academic plan are not eligible to take the Environment and Economics Minor.

**Note**

If Economics courses are required by another academic plan, please refer to the Faculty of Arts' double-counting regulations for further details.

**Rationale:**

The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.4 are a result of applying the previously approved BA templates to the Economics major plans. Changes of particular note:

- **Four-Year General:**
  - Reduction of the major average from 68% to 65%.
  - Increase of the major course requirements from 14 to 16.
  - Changes to the course requirements to be identical to the Honours plan.

- **Honours:**
  - Reduction of the major average from 75% to 70%.
  - Decrease of the major course requirements from 18 to 16.
  - All of the notes as part of the existing Joint Honours text are being deleted.

- **Specializations:**
  - Opening up the existing specializations to Mathematical Economics students.
  - Decrease the number of requirements to within the approved 4-6 courses range

- **Mathematical Economics:**
  - Increase of the major (ECON) course requirements from 14 to 16.
  - Reduction of the major (ECON) average from 75% to 70%.
  - Adding text to clarify existing practices: cannot be combined with another major to do a double major or a Joint Honours; cannot be combined with Arts and Business.
The changes demonstrated in motion 1.5 (Minor) are a result of the curriculum redesign in Economics. Changes of particular note:

- The quantitative requirement (one of ECON 211, 221) is dropped because nearly all students in the minor do have a quantitative requirement as part of their major plan already, and the resulting antirequisite overrides are an unnecessary administrative burden.
- Modernizing the macroeconomic content in the minor away from another course at a very broad and general level (the current 202) towards two more focused and deeper courses (206, 207). Since students require exposure to macroeconomics past the first year but should also have choice to follow their interests and get exposure to other fields in the discipline, they are given a choice but have to take at least one macro course in addition to the first year one.
- Adding a new note about double-counting rules as many students who pursue the minor are not Faculty of Arts students and thus are unaware of our double-counting rule and the fact that it also applies to them.

Major curriculum changes:

Economics has used the Arts Plan Standardization initiative and the ongoing 7 year review and self-study as an opportunity to rethink the entire curriculum in economics in a holistic fashion. The curriculum in its current form has grown organically and in piece-meal fashion over the years, but has not changed from its basic structure since the early 1970s. The discipline has, however, developed over these years. One important change is the increasing pervasive nature of mathematically based modelling in all fields of economics. Another is the complete change in modern macroeconomics, which these days is largely based on the same micro foundations as the rest of the discipline (in the 70s it still was a branch that did not use “theory” and at times contradicted the assumptions in the rest of economics.) Econometrics has had a huge impact on the profession and economists these days use extremely sophisticated techniques to analyze and draw inferences from the data that the real world generates for us.

While the department has obviously continually adjusted the material in its courses and is currently teaching the “correct” material, it has become increasingly difficult to organize the material in the course and program structure that we inherited from the 1970s. This has led to some inconsistencies in overall curriculum development and delivery for one. We believe that it also contributes to issues with student success.

On the student success front, it is well known that a fairly large number of students appear to struggle and ultimately fail out of economics. They often do so relatively late in the program, and it is not uncommon that students do not know until their last term if they will end up with a four-year general degree or an honours degree. This problem had been so acute that the department closed the final required honours courses to general students, lest they affect their average too much and make even the four-year general degree unobtainable.

We believe that a part of these problems is due to the structure of the program, in which both the conceptual theoretical level and the mathematical toolset escalated from second to fourth year. Furthermore, some parts of the theoretical tool kit were taught in micro theory courses, other parts in macro theory courses, and some only in fourth year. This organization caused many students to compartmentalize their theoretical understanding in inappropriate ways. Another problem we identified during our self-study is that our field courses often did not consistently use the appropriate level of theoretical tools, since the audience in them is comprised of general and honours students, and since some tools were only really delivered in the fourth year. Students thus did not see the theory in action, and often treated the theory courses as some irrelevant and painful hurdle that really had no bearing on the rest of economics.
Based on these considerations and insights we have now completely rethought and restructured the delivery of the material. The basic topics and skills and applications are unchanged, but they will be delivered in a coherent and planned way that allows for improved application and reinforcement of skills along a student’s progression. The best way to think of this system is as a “tools first” design, which front loads the mathematical skills needed into second year, and then consistently uses them in the theory courses that follow. The artificial distinction into “macro” and “micro” theory is eliminated. We will teach “theory” — as in the models that economists use in various circumstances — and macro can then focus on the topics of interest and cover more ground, and address the institutional aspects so important to it, without having to teach bits of theory.

Due to the tools first design, all upper-year electives will have students with a consistent exposure to a known set of techniques, models, and theories. This allows these courses to use these tools, thereby showing students their relevance and allowing students to get further practice in applying them to various situations.

We acknowledge that such a tools first approach may be frightening to some students and may cause some students not to choose an economics major. However, we strongly believe in truth in advertising, and think that it is much preferable that students see the “actual” nature of economics in the major, instead of being able to get into third year before they realize that the quantitative content is not appealing to them. In order to ensure student success as much as we possibly can, we are adding Tutorial sections to the initial Math, Probability, and Econometrics courses. We believe that this will allow the weaker students to get the exposure and support they need to master this basic material on which everything else depends.

A second significant change concerns the Economics Minor. So far, the minor has been simply the first micro and macro theory course after first year. This has led to students receiving a very unbalanced and incomplete view of economic theory. It furthermore did not meet their expectations in terms of applicability to the real world, since the micro course was designed as a stepping stone of a theory sequence. We are proposing to offer a second-year micro theory course (ECON 201) especially for the minor, which will have a more applied/applicable focus. On the macro side we plan to offer two courses (ECON 206, ECON 207) with a more institutional focus, of which students will have to choose one. We are also extending our course offerings at the “generalist” level to allow students not in an economics plan to have a wider selection of electives (in the past many students took another theory course, due to limited selection of electives.)

The plan changes and the attendant course changes have been communicated to the other faculties that utilize Economics courses in their curriculums (Science and Math). The Faculty of Science is offers a Biotechnology/Economics major; only a small number of students will be affected and Science has been informed of the new requirements and plans, and an alternate structure for their plan has been discussed. The Faculty of Mathematics offers a Mathematical Economics Program that mirrors the one in Arts with respect to the Economics requirements. They have also been informed of the changes and proposals have been discussed.

**Request for Prenataling:**

These extensive changes in the curriculum will cause a short term strain on resources in the department, as we will be required to offer the old plan required courses while also starting to offer the new plan required courses. It would be very helpful and desirable from a resource perspective if the incoming class of 2015 in Arts, which will select their major after the Winter 2016 term (effective Fall 2016), be required to choose the new plan framework becoming active Fall 2016.

From the students’ perspective this should actually be a desirable situation, since the new plans are more coherently designed and since the curriculum has been more intentionally put together. We
therefore ask that we be allowed to force students to adopt the 2016 plans, even though they entered
the University in 2015. Without this prenataling, it would be up to students to decide whether to follow
the new requirements (with a lower average) or continue to follow the 2015-16 Calendar, and this
would delay the phase-in of the new curriculum to the Fall of 2017 (when 2016 students enter
Economics, as a second-year entry program).

**Suggested course sequence (Regular and Co-op) for the new curriculum:**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ECON 101</td>
<td>ECON 211</td>
<td>ECON 391 One of ECON 406, 407, 408, 409</td>
</tr>
<tr>
<td></td>
<td>ECON 221</td>
<td>ECON 200-level</td>
<td>ECON 323 ECON 200-/400-level</td>
</tr>
<tr>
<td></td>
<td>ECON 200</td>
<td>ECON 200-level</td>
<td>ECON 200-level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>ECON 102</td>
<td>ECON 290</td>
<td>ECON 400-level</td>
</tr>
<tr>
<td></td>
<td>ECON 322</td>
<td>ECON 393</td>
<td>ECON 400-level</td>
</tr>
<tr>
<td></td>
<td>ECON 200-level</td>
<td>ECON 306</td>
<td></td>
</tr>
</tbody>
</table>

**Suggested course sequence (Regular) for the new curriculum – with Intensive Specialization:**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ECON 101</td>
<td>ECON 211</td>
<td>ECON 391 One of ECON 406, 407, 408, 409</td>
</tr>
<tr>
<td></td>
<td>ECON 221</td>
<td>ECON 200-level</td>
<td>ECON 323 ECON 200-/400-level</td>
</tr>
<tr>
<td></td>
<td>ECON 200</td>
<td>ECON 200-level</td>
<td>ECON 491 ECON 421 ECON 400-level</td>
</tr>
<tr>
<td></td>
<td>ECON 392</td>
<td>ECON 392</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>ECON 102</td>
<td>ECON 290</td>
<td>ECON 496 ECON 472 ECON 400-level</td>
</tr>
<tr>
<td></td>
<td>ECON 322</td>
<td>ECON 393</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ECON 200-level</td>
<td>ECON 306</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 200-/400-level</td>
<td></td>
</tr>
</tbody>
</table>

**2. New Academic Plans [for approval]**

**Effective date:** September 01, 2016

**2.1 Intensive Specialization**

In combination with the Honours Economics plan-level requirements listed above, students
interested in pursuing the Intensive Specialization will be required to fulfill the following
requirements:

- A minimum Economics major average of 75%.
- Successful completion of five additional courses, for a total of 10.5 academic course units
  (21 courses) in Economics:
  - ECON 392, ECON 421, ECON 472, ECON 491, ECON 496

**Notes**

1. The Intensive Specialization is only open to students majoring in the Honours Economics
   academic plan.
2. Students must achieve a cumulative major average of at least 75% in all Economics courses
   counted towards their Honours Economics major.
3. Students who have completed courses towards this specialization but are not able to sustain
   the required 75% major average but are still eligible for Honours standing will normally be
   allowed to continue in the Honours Economics major but without the specialization.

**Rationale:** Graduate School admission to top programs in Economics is extremely competitive, and top
graduate programs have very high quantitative expectations from their incoming students. Many of
these skills are, however, not necessary for other graduate work and especially for many students who
will join the work-force. The intensive specialization is designed to provide our students with the necessary background and training to succeed in top level economics graduate programs.

3. Academic Plan Inactivations [for approval]

**Effective date:** September 01, 2016

3.1 Three-Year General Economics

**Rationale:** As part of its Curriculum review and redesign, the Department of Economics has determined that it is not really possible to offer a credible three-year plan. Because admission to Economics is usually after the first year, there are only two years in the plan itself, and it is not possible to deliver the required tools before their use in that time frame. A truncated four-year or honours plan would simply be that – truncated – and the students would not get exposure to important applied fields in the discipline. We are also unaware of any programs that require a three-year economics degree.

3.2 Environment and Economics Minor

**Rationale:** This minor had grown out of an option that existed in the past. The audience is not very clear and there is very little interest by students in this minor. The Faculty of Environment has been informed about the planned inactivation and no concerns were brought to our attention.
B. Department: Fine Arts

1. Academic Plan Changes [for approval]

Effective date: September 01, 2016

1.1 Three-Year General Fine Arts – General Studio Art

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Fine Arts major average of 65%.

Eligibility for graduation in the Three-Year General Fine Arts – General Studio Art academic plan includes successful fulfillment completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Fine Arts Plan-level requirements:
   o a minimum Fine Arts major average of 65%
   o at least six academic course units (normally 12 courses) in Fine Arts with a cumulative average of 65%, including:
     ▪ FINE 100, FINE 112, FINE 209, FINE 319
     ▪ FINE 101/VCULT 101
     ▪ Drawing: at least two of FINE 224, FINE 225, FINE 226, FINE 274
     ▪ Sculpture: at least one of FINE 222, FINE 223, FINE 271, FINE 272
     ▪ at least two of additional courses from the following: FINE 130, FINE 202, FINE 204, FINE 220, FINE 221, FINE 222, FINE 223, FINE 224, FINE 225, FINE 226, FINE 227, FINE 228, FINE 229, FINE 230, FINE 231, FINE 232, FINE 271, FINE 272, FINE 274
     ▪ two different topics under FINE 304
     ▪ at least 0.5 units from VCULT or FINE Art History courses, or FINE 243 and FINE 343 (see Note 1)
     ▪ at least 0.5 additional units in studio

Notes
1. Some FINE courses, many at the 300-level, are 0.25 units in weight.
2. Admission to 200-level studio courses is by successful completion of FINE 100 and by submission and approval of portfolio work done in FINE 100 at the end of the 1A term.
3. Students must have successfully completed at least five 200-level studio courses by the end of their 2B term before proceeding to the 300-level studio courses.
4. In order to be admitted to the 300-level studio courses, students must have successfully completed FINE 319 and at least four 200-level FINE studio courses; have a minimum cumulative Fine Arts major average of at least 65%; and be registered in their 3A term or higher.
5. Students enrolled in the Three-Year General Fine Arts – General Studio Art plan are not eligible to pursue the Professional Practice Specialization.
6. No one course may fulfill more than one requirement within any Fine Arts plan.

1.2 Honours Fine Arts – Studio Practice

Honours Fine Arts – Studio Practice (Arts and Business Co-op and Regular)
Honours Fine Arts – Studio Practice double major (formerly “Joint Honours”)

Motion: To amend the academic plan requirements for the Honours Fine Arts – Studio Practice, the Honours Fine Arts – Studio Practice (Arts and Business Co-op and Regular), and the Joint Honours Fine Arts – Studio Practice plans (now referred to as Honours double majors), and to collapse the calendar text for each plan as described.
Honours Fine Arts — Studio Practice

Please note that there are two streams within all honours studio practice academic plans (outlined below) in the final year of study: Studio and Studio Practicum. The Studio stream is for students who wish to pursue a career as an artist. The Studio Practicum stream is for students who wish to pursue a career in the arts and in education. Selection of the stream is made at the end of 3B.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Fine Arts average of 75%.

Eligibility for graduation in the Honours Fine Arts — Studio Practice academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Fine Arts Plan-level requirements:
   - at least ten academic course units (normally 20 courses) in Fine Arts with a minimum cumulative average of 75%, including:
     - FINE 100, FINE 112, FINE 209, FINE 300, FINE 301, FINE 302, FINE 303, FINE 319, FINE 402
     - FINE 101/VCULT 101
     - Drawing: two of FINE 224, FINE 225, FINE 226, FINE 274
     - Sculpture: one of FINE 222, FINE 223, FINE 271, FINE 272
     - three additional courses from the following: FINE 202, FINE 220, FINE 221, FINE 222, FINE 223, FINE 224, FINE 225, FINE 226, FINE 227, FINE 228, FINE 229, FINE 230, FINE 231, FINE 232, FINE 271, FINE 272, FINE 274
     - if pursuing the Studio stream: FINE 472, FINE 473
     - if pursuing the Studio Practicum stream:
       - FINE 474, FINE 475
       - two additional FINE studio courses (0.5 unit each)

Notes

1. Admission to the Honours Fine Arts — Studio Practice academic plans is by consent of the department at the end of the 1B term.
2. Admission to 200-level studio courses is by successful completion of FINE 100 and by submission and approval of portfolio of work done in FINE 100 at the end of 1A term.
3. Students must have successfully completed at least six 200-level studio courses by the end of their 2B term before proceeding to FINE 300.
4. Studio stream: admission to FINE 472 is determined by:
   - a cumulative Fine Arts average of at least 75%;
   - a mark of 75% in each of FINE 300, FINE 301, FINE 302, and FINE 303; and
   - successful completion of a portfolio review at the end of the 3B term evaluated by the Fine Arts faculty.
5. Studio Practicum stream: admission to FINE 474 is determined by:
   - a cumulative Fine Arts average of at least 75%; and
   - a mark of 75% in each of FINE 300, FINE 301, FINE 302, and FINE 303.
6. No one course may fulfill more than one requirement within any Fine Arts plan.
Students may combine the Honours Fine Arts — Studio Practice academic plan with Arts and Business.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Fine Arts average of 75%.

Eligibility for graduation in the Honours Fine Arts — Studio Practice (Arts and Business Co-op and Regular) academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Fine Arts Plan-level requirements:
   - at least eight academic course units (normally 16 courses) in Fine Arts with a minimum cumulative average of 75%, including:
     - FINE 100, FINE 112, FINE 209, FINE 300, FINE 302, FINE 319
     - FINE 101/VCULT 101
     - Drawing: two of FINE 224, FINE 225, FINE 226, FINE 274
     - two additional courses from the following: FINE 202, FINE 220, FINE 221, FINE 222, FINE 223, FINE 224, FINE 225, FINE 226, FINE 227, FINE 228, FINE 229, FINE 230, FINE 231, FINE 232, FINE 271, FINE 272, FINE 274
     - FINE 301 or at least two different topics under FINE 304
     - FINE 344 or at least two different topics under FINE 243 or FINE 343 (each 0.25 unit)
     - if pursuing the Studio stream: FINE 472, FINE 473
     - if pursuing the Studio Practicum stream:
       - FINE 474, FINE 475
       - two additional FINE studio courses (minimum 0.25 unit)

3. Arts and Business requirements.

Notes

1. Admission to the Honours Fine Arts — Studio Practice academic plans is by consent of the department at the end of the 1B term.

2. Admission to 200-level studio courses is by successful completion of FINE 100 and by submission and approval of work done in FINE 100 at the end of 1A term.

3. Students must have successfully completed at least four 200-level studio courses by the end of their 2B term before proceeding to FINE 300.

4. Studio stream: admission to FINE 472 is determined by:
   - a cumulative Fine Arts average of at least 75%;
   - a mark of 75% in each of FINE 300, FINE 301, and FINE 302; and
   - successful completion of a portfolio review at the end of the 3B term evaluated by the Fine Arts faculty.

5. Studio Practicum stream: admission to FINE 474 is determined by:
   - a cumulative Fine Arts average of at least 75%; and
   - a mark of 75% in each of FINE 300, FINE 301, and FINE 302.

6. No one course may fulfill more than one requirement within any Fine Arts plan.

Joint Honours Fine Arts — Studio Practice

A Joint Honours academic plan with Fine Arts — Studio Practice may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties.

Please note that there are two streams within all honours studio practice academic plans (outlined below) in the final year of study: Studio and Studio Practicum. The Studio stream is for students who wish to pursue a career as an artist. The Studio Practicum stream is for students who wish to pursue a career in the arts and in education. Selection of the stream is made at the end of 3B.
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Fine Arts average of 75%.

Eligibility for graduation in the Joint Honours Fine Arts – Studio Practice academic plan includes successful fulfillment of the requirements listed below.

1. Appropriate Program-level requirements for the Home Faculty, including at least 20 academic course units (40 courses). If the Home Faculty is Arts, see Bachelor of Arts Degree Requirements.

2. Fine Arts Plan-level requirements:
   - at least eight academic course units (normally 16 courses) in Fine Arts with a minimum cumulative average of 75%, including:
     - FINE 100, FINE 112, FINE 209, FINE 300, FINE 301, FINE 303, FINE 319
     - FINE 101/VCULT 101
     - Drawing: two of FINE 224, FINE 225, FINE 226, FINE 274
     - Sculpture: one of FINE 222, FINE 223, FINE 271, FINE 272
     - two additional courses from the following: FINE 202, FINE 220, FINE 221, FINE 222, FINE 223, FINE 224, FINE 225, FINE 226, FINE 227, FINE 228, FINE 229, FINE 230, FINE 231, FINE 232, FINE 271, FINE 272, FINE 274
     - if pursuing the Studio stream: FINE 472, FINE 473
     - if pursuing the Studio Practicum stream: FINE 474, FINE 475

3. Plan-level requirements for the second major

Notes

1. Admission to the Honours Fine Arts – Studio Practice academic plans is by consent of the department at the end of the 1B term.

2. Admission to 200-level studio courses is by successful completion of FINE 100 and by submission and approval of portfolio work done in FINE 100 at the end of 1A term.

3. Students must have successfully completed at least five 200-level studio courses by the end of their 2B term before proceeding to FINE 300.

4. Studio stream: admission to FINE 472 is determined by:
   - a cumulative Fine Arts average of at least 75%;
   - a mark of 75% in each of FINE 300, FINE 301, and FINE 303; and
   - successful completion of a portfolio review at the end of the 3B term evaluated by the Fine Arts faculty.

5. Studio Practicum stream: admission to FINE 474 is determined by:
   - a cumulative Fine Arts average of at least 75%; and
   - a mark of 75% in each of FINE 300, FINE 301, and FINE 303.

6. No one course may fulfill more than one requirement within any Fine Arts plan.

Honours Fine Arts – Studio Practice
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Fine Arts major average of 70%.

Eligibility for graduation in the Honours Fine Arts – Studio Practice academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Fine Arts Plan-level requirements:
   - a minimum Fine Arts major average of 70%
   - at least eight academic course units in Fine Arts, including:
- FINE 100, FINE 112, FINE 209, FINE 302, FINE 319, FINE 474, FINE 475
- FINE 101/VCULT 101
- at least two of FINE 224, FINE 225, FINE 226, FINE 274
- at least one of FINE 222, FINE 223, FINE 271, FINE 272
- at least two of FINE 130, FINE 202, FINE 204, FINE 220, FINE 221, FINE 222, FINE 223, FINE 224, FINE 225, FINE 226, FINE 227, FINE 228, FINE 229, FINE 230, FINE 231, FINE 232, FINE 271, FINE 272, FINE 274
- at least 0.5 units from VCULT or FINE Art History courses, or FINE 243 and FINE 343 (see Note 1)
- at least 0.5 additional units in studio
- at least four topics of FINE 307 or a combination of FINE 307 and other 300-level studio courses, for a total of 1.0 units (see Note 1)

**Notes**
1. Some FINE courses, many at the 300-level, are 0.25 units in weight.
2. Admission to the Honours Fine Arts - Studio Practice academic plans is by consent of the department at the end of the 1B term.
3. Admission to 200-level studio courses is by successful completion of FINE 100 and by submission and approval of portfolio work done in studio courses.
4. In order to be admitted to the 300-level studio courses, students must have successfully completed FINE 319 and at least four 200-level FINE studio courses; have a minimum cumulative Fine Arts major average of at least 65%; and be registered in their 3A term or higher.
5. No one course may fulfill more than one requirement within any Fine Arts plan.
6. The Department of Fine Arts reminds students that advising is a partnership between the advisor and the student. Ultimately students should read the calendar very carefully and are responsible for appropriate progress toward their educational goals.

**Arts and Business (Co-op and Regular)**
Students may combine the Honours Fine Arts – Studio Practice academic plan with Arts and Business. In addition to the Honours Fine Arts – Studio Practice requirements, students must also complete the Arts and Business requirements.

**Honours double major**
Honours Fine Arts – Studio Practice may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double major section of Available Arts Academic Plans.

**Intensive Studio Specialization**
Calendar text for new academic plan will be inserted here.

**1.3 Fine Arts – Teaching Preparation Specialization**
The Fine Arts – Teaching Preparation Specialization is excellent preparation for students who wish to pursue a teaching career in Fine Arts. The specialization is open to students who are pursuing a major in a Fine Arts studio plan. Students wishing to pursue the Fine Arts – Teaching Preparation Specialization must successfully fulfill the following requirements: The Fine Arts – Teaching Preparation Specialization is only open to students pursuing the Intensive Studio Specialization.
The Fine Arts – Teaching Preparation Specialization requires successful completion of:

- at least ten academic course units (normally 20 courses) with a minimum cumulative average of 75%, of which no fewer than six academic course units (normally 12 courses) must be in Fine Arts;
- four courses:
  - PSYCH 101/PSYCH 101R; PSYCH 212/PSYCH 212R
  - SOC 101/SOC 101R; SOC 207/SOC 207R
- completion of a total of 100 hours of relevant volunteer or paid experience under the supervision of qualified professionals, of which 50 hours must be in the classroom setting. Please see the Fine Arts website for specific guidelines. This requirement must be completed before the beginning of the student’s 4A term.

It is recommended that students pursuing the Fine Arts – Teaching Preparation Specialization also complete:

- at least two different topics under FINE 243 and/or FINE 343. See Fine Arts website for more details.

Students who graduate from the University of Waterloo with the Fine Arts – Teaching Preparation Specialization are eligible to pursue a Bachelor of Education at Nipissing University in either the Junior/Intermediate or Intermediate/Senior divisions. Students who choose not to attend Nipissing University will still receive the Teaching Preparation Specialization designation. See the Fine Arts website for more information.

Rationale: The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.3 are a result of applying the previously approved BA templates to the Fine Arts major plans. Changes of particular note:

- All plans:
  - Due to the number of courses with a 0.25 unit weight, we are adopting to use the terminology of “units” only instead of trying to estimate the number of equivalent courses.
- Studio plans:
  - Changes to the course requirements and notes.
  - Honours:
    - Reduction of the major average from 75% to 70%.
    - Decrease of the major course requirements from 10 units to 8 units.
- Teaching Preparation Specialization (TPS):
  - The TPS will continue to be a “topic” specialization; as an exception to the plan standardization template as it will not be open to Three-Year General students. This is partly due to the existing agreement with Nipissing – students doing the TPS must:
    - be in Honours;
    - be in a Studio plan; and
    - have a 75% fine arts average.
  - Since only Studio students are eligible (not Visual Culture students), and only the Studio students can do the new Intensive Studio Specialization, it will be easier for students, advisors, and administration to have students enrolled in one Intensive Specialization
and one “topic” specialization, where the caveat is that the students need to be in one to be in the other – must be in the Intensive to do the TPS – which will fulfill Nipissing’s requirements of Honours and 75% major average.

2. New Academic Plans [for approval]
   Effective date: September 01, 2016

2.1 Three-Year General Visual Culture
   Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Visual Culture major average of 65%.

Eligibility for graduation in the Three-Year General Fine Visual Culture academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Visual Culture Plan-level requirements:
   o a minimum Visual Culture major average of 65%
   o at least six academic course units (12 courses) in VCULT and Visual Culture approved courses, including:
     - VCULT 100/FINE 102, VCULT 101/FINE 101, VCULT 200, VCULT 300
     - 8 courses chosen from the following Visual Culture approved courses:
       - any FINE course, with a limit of 1.0 unit of Studio Art courses
       - VCULT 401
       - Media: ANTH 202, ANTH 290, ANTH 303, CHINA 320R, DAC courses, DRAMA 200, DRAMA 206, DRAMA 207, DRAMA 278, DRAMA 331, DRAMA 379, ENGL 203/DAC 201, ENGL 204/DAC 202, ENGL 293, ENGL 294, ENGL 392A, ENGL 392B, FINE 293, FINE 393, MUSIC 333, RS 170, SI 230R, SPCOM 228, SPCOM 339, SPCOM 440, WS 201

Notes
1. No one course may fulfill more than one requirement within any Visual Culture plan.
2. Visual Culture covers three topics – art and art history, film, media – and the elective courses have been grouped accordingly. Students can select from across all three groups of courses to gain broad exposure to different facets of visual culture, or they can concentrate on just one or two groups of courses to get more focused exposure.
3. Consult the Visual Culture Co-ordinator in Fine Arts before enrolling in FR 486, ARCH, INTEG, and DAC courses.

2.2 Honours Visual Culture

2.3 Honours Visual Culture (Arts and Business Co-op and Regular)

2.4 Honours Visual Culture double major

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Visual Culture major average of 70%.

Eligibility for graduation in the Honours Visual Culture academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Visual Culture Plan-level requirements:
   o a minimum Visual Culture major average of 70%
   o at least eight academic course units (16 courses) in VCULT and Visual Culture approved course, including:
     ▪ VCULT 100/FINE 102, VCULT 101/FINE 101, VCULT 200, VCULT 300, VCULT 400
     ▪ 11 courses chosen from the following:
       ▪ VCULT 401
       ▪ Media: ANTH 202, ANTH 290, ANTH 303, CHINA 320R, DAC courses, DRAMA 200, DRAMA 206, DRAMA 207, DRAMA 278, DRAMA 311, DRAMA 379, ENGL 203/DAC 201, ENGL 204/DAC 202, ENGL 293, ENGL 294, ENGL 392A, ENGL 392B, FINE 293, FINE 393, MUSIC 333, RS 170, SI 230R, SPCM 228, SPCM 339, SPCM 440, WS 201

Notes

1. No one course may fulfill more than one requirement within any Visual Culture plan.
2. Visual Culture covers three topics – art and art history, film, media – and the elective courses have been grouped accordingly. Students can select from across all three groups of courses to gain broad exposure to different facets of visual culture, or they can concentrate on just one or two groups of courses to get more focused exposure.
3. Consult the Visual Culture Co-ordinator in Fine Arts before enrolling in FR 486, ARCH, INTEG, and DAC courses.

Arts and Business (Co-op and Regular)

Students may combine the Honours Visual Culture academic plan with Arts and Business. In addition to the Honours Visual Culture requirements, students must also complete the Arts and Business requirements.
Honours double major
Honours Visual Culture may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double major section of Available Arts Academic Plans.

Rationale for 2.1-2.4: The Honours Art History and Visual Culture and Honours Film Studies and Visual Culture plans have been consolidated into a new Honours plan called Visual Culture. The new plan stresses critical examination of visual culture from diverse perspectives and highlights the significance of studies in visuality across many disciplines, capitalizing on rich relevant expertise at the University of Waterloo. All relevant departments, programs, schools, colleges, and faculties have given approval for their courses to be included in the plan. The change also reflects the conceptual and theoretical shifts in the disciplines of art history and film within the last two decades.

Courses not previously part of the former Visual Culture plans:
- ANTH 202, ANTH 290, ANTH 303, ANTH 348
- ARCH 520, ARCH 540
- CHINA 320R
- DAC courses
- DRAMA 200, DRAMA 206, DRAMA 207, DRAMA 246, DRAMA 278, DRAMA 331, DRAMA 379
- ENGL 203, ENGL 204, ENGL 275, ENGL 293, ENGL 294
- FINE 258 (new course), FINE 259 (replaces inactivated FINE 351)
- FR 486, INTEG 230 (0.25 unit)
- INTEG 231 (0.25 unit), INTEG 320, INTEG 321
- ITAL/ITALST 391
- MUSIC 246, MUSIC 333
- PACS 312
- PSCI 254
- RS 122, RS 170, RS 272/JS 233, RS/EASIAR 275
- SI 230R, SI 231R/EASIA 241R/FINE 275, SI 320R
- SPCOM 228, SPCOM 329, SPCOM 339, SPCOM 440
- SPAN 410
- WS 201

Courses no longer part of the new Visual Culture plans:
- FINE 396, FINE 470, FINE 490, FINE 491, FINE 496, FINE 497 (inactivated; the content of FINE 396 and FINE 470 is covered in VCULT 300; FINE 490, FINE 491, FINE 496, FINE 497 are being replaced by VCULT 400 and VCULT 401)
- FINE 351 (inactivated and replaced by new FINE 259)

2.5 Intensive Studio Specialization
In combination with the Honours Fine Arts – Studio Practice plan-level requirements listed above, students interested in pursuing the Intensive Studio Specialization will be required to fulfill the following requirements:
- A minimum Fine Arts major average of 75%.
- Successful completion of two additional academic course units, for a total of ten academic course units in Fine Arts:
  - FINE 308, FINE 403, FINE 472, FINE 473
one additional course from FINE 130, FINE 202, FINE 204, FINE 220, FINE 221, FINE 222, FINE 223, FINE 224, FINE 225, FINE 226, FINE 227, FINE 228, FINE 229, FINE 230, FINE 231, FINE 232, FINE 271, FINE 272, FINE 274

one additional topic of FINE 307 or a combination of FINE 307 and other 300-level studio courses, for a total of 1.25 units

Notes
1. The Intensive Studio Specialization is only open to students majoring in the Honours Fine Arts – Studio Practice academic plan.
2. Students must achieve a cumulative major average of at least 75% in all Fine Arts courses counted towards their Honours Fine Arts major.
3. Students who have completed courses towards this specialization but are not able to sustain the required 75% major average but are still eligible for Honours standing will normally be allowed to continue in the Honours Fine Arts – Studio Practice major but without the specialization.
4. Admission to Honours Intensive Studio Specialization is determined by:
   - a cumulative Fine Arts average of at least 75%;
   - a grade of at least 75% in each 300-level studio course.

Rationale: The Intensive Studio Specialization will permit Fine Arts studio students an opportunity to pursue a more rigorous studio experience than offered by the new Honours studio plan.

2.6 Digital Art Specialization
The Digital Art Specialization is open to all students majoring in Fine Arts – Studio.

The Digital Art Specialization requires successful completion of six courses:

- CS 105 – Introduction to Computer Programming 1
- CS 106 – Introduction to Computer Programming 2
- One of:
  - CS 100 – Introduction to Computing through Applications
  - CS 200 – Concepts for Advanced Computer Usage
  - CS 230 – Introduction to Computers and Computer Systems
- FINE 229 – Hybrid Media
- FINE 257 – Video, New Media, and the Digital Turn
- FINE 383 – Computational Digital Art Studio

Note
All courses taken towards the Digital Art Specialization as listed above will count towards the student's Fine Arts major average. If achievement in the non-major courses causes a drop below the major average requirements students will normally be allowed to continue in the Fine Arts major but without the specialization.

Rationale: The new topic Digital Art specialization is designed to bring Computer Science and Fine Arts students together who have a common interest in exploring the cross-over between disciplines. The students will take a series of courses in each discipline, culminating in a capstone course (FINE 383/CS 383 Computational Digital Art Studio) that is unique to the specialization and that focuses on projects that, at their core, require input and involvement by both Fine Arts and Computer Science students.

The Digital Art Specialization was proposed after discussions between Fine Arts and Computer Science. The specialization takes advantages of existing expertise from both units to provide a unique educational opportunity for interested Fine Arts/Computer Science students. There are two
versions of the plan: one for CS students (Option) and one for Fine Arts students (this specialization). Each version introduces the students to the fundamentals of the discipline before the students take FINE/CS 383.

We expect a corresponding proposal from Computer Science appearing in the calendar for 2016-17. The new CS 383/FINE 383 will be cross-listed but prerequisites and expectations will differ between departments/faculties; this course, owned by the Department of Fine Arts, will be team taught by Fine Arts and CS, and the teaching activity will be shared evenly (50/50) by Fine Arts and CS. Note: the course titles appear in this report to inform the curricular committees of the content of this new plan during the approval stages but will not appear in the published Undergraduate Calendar.

Other “digital” plans/subplans in the Faculty of Arts have been assessed and it has been determined that there is no content overlap among those and this specialization.

3. Academic Plan Inactivations [for approval]

Effective date: September 01, 2016

3.1 Four-Year General Fine Arts – General Studio Art

Rationale: Under the new plan standardization the requirements for the Four-Year General and Honours Fine Arts plans must be identical except for the major average. In our mind, this makes the Four-Year General – General Studio Art plan redundant; all current students will be eligible for the new Honours plan.

3.2 Three-Year General Fine Arts – Art History and Visual Culture
3.3 Four-Year General Fine Arts – Art History and Visual Culture
3.4 Honours Fine Arts – Art History and Visual Culture
3.5 Honours Fine Arts – Art History and Visual Culture (Arts and Business Co-op and Regular)
3.6 Joint Honours Fine Arts – Art History and Visual Culture
3.7 Three-Year General Fine Arts – Film Studies and Visual Culture
3.8 Four-Year General Fine Arts – Film Studies and Visual Culture
3.9 Honours Fine Arts – Film Studies and Visual Culture
3.10 Honours Fine Arts – Film Studies and Visual Culture (Arts and Business Co-op and Regular)
3.11 Joint Honours Fine Arts – Film Studies and Visual Culture

Rationale: The Honours Art History and Visual Culture and Honours Film Studies and Visual Culture plans have been consolidated into a new honours plan called Visual Culture. The new plan stresses critical examination of visual culture from diverse perspectives and highlights the significance of studies in visuality across many disciplines, capitalizing on rich relevant expertise at UW. The change also reflects the conceptual and theoretical shifts in the disciplines of art history and film within the last two decades. Same for the Three-Year General plans.

The Four-year General plans are being inactivated and are not being replaced by a new four-year general plan in Visual Culture. The number of graduates in the Four-Year General Art History and Visual Culture and Film Studies and Visual Culture plans have been almost negligible over the last twenty years (totaling no more than 8 students). If a need for a four-year general plan in Visual Culture becomes evident in the future, Fine Arts will consider creating one.
3.12 Professional Practice Specialization

**Rationale:** The Professional Practice Specialization does not easily fit into the new plan standardization specialization requirements. There have been very few, if any, students who have completed this specialization.

4. Calendar Text Changes [for approval]

**Effective date:** September 01, 2016

4.1 Fine Arts – Overview and Admission

The Department of Fine Arts offers major and minor academic plans in Studio, Art History and Visual Culture, and Film Studies and Visual Culture.

**Studio Plans**

Admission to all Fine Arts Studio major academic plans requires successful completion of:

- FINE 100, FINE 112;
- a portfolio review of work done in FINE 100 (normally at the end of the 1A term); and
- at least one 200-level studio course (normally taken in the 1B term).

Admission to the Fine Arts Studio Minor academic plan requires successful completion of:

- FINE 100, FINE 112;
- a portfolio review of work done in FINE 100

**Notes**

1. Due to limitations of resources, fulfillment of these minimum entrance requirements does not guarantee admission to Fine Arts Studio academic plans.
2. Successful completion of FINE 101/VCULT 101 prior to declaring the major or minor will be an asset.
3. Students should be aware that many studio courses include a significant component of mandatory study from the live nude model.

**Visual Culture Plans**

Admission to the Art History and Visual Culture academic plans requires successful completion of:

- FINE 101/VCULT 101; and
- FINE 112
- V'CULT 100/FINE 102 or V'CULT 101/FINE 101; and
- at least one other required course from the fields within the Visual Culture academic plan (art and art history; film; media).

Admission to the Film Studies and Visual Culture academic plans requires successful completion of:

- FINE 102/VCULT 100; and
- at least one other FINE film studies course.

**Other Plans**

Students are highly encouraged to enrol in the Fine Arts Professional Practice Specialization and/or the Fine Arts – Teaching Preparation Specialization, as well as take advantage of the several Fine Arts Professional Development opportunities to enrich their academic and professional profile.

**Rationale:** The changes in the overview and admission page are to reflect the new plan standardization requirements.
C. Department: Germanic and Slavic Studies (German)

1. Academic Plan Changes [for approval]
Effective date: September 01, 2016

1.1 Three-Year General German
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative German major average of 65%.

Eligibility for graduation in the Three-Year General German academic plan includes successful fulfillment completion of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. German Plan-level requirements:
   o a minimum German major average of 65%
   o at least six academic course units (12 courses) in German with a minimum cumulative average of 65%, including:
     ▪ GER 201, GER 202, GER 211, GER 212
     ▪ two of GER 303, GER 304, GER 307, GER 308, GER 309, GER 331, GER 334

Notes
1. If any required courses are waived for students with advanced language skills, they must be replaced by GER electives. Students with advanced language skills should take GER electives in place of lower-level required courses. See the undergraduate advisor for details.
2. A number of German language courses can be taken concurrently. Students majoring in German or preparing for work or study terms in German-speaking Europe are encouraged to take some courses in tandem: GER 201 and GER 211 together; GER 202 and GER 212 together; GER 303, or GER 304, or GER 307, or GER 308, or GER 309 with either GER 331 or GER 334.
3. It is strongly recommended that all students take both GER 331 and GER 334. These courses provide fundamental knowledge in the areas of linguistics and German literature respectively, and serve as the core of our program and the basis of advanced studies in our field.
4. Students may elect to take up to two courses from the following list in place of GER electives for any German academic plan: APPLS 301, DUTCH 101, DUTCH 102, DUTCH 201, DUTCH 202, ENGL 218, FINE 112, HIST 223, HIST 247, HIST 265, HIST 341, HIST 358, MUSIC 254, MUSIC 255, MUSIC 260, MUSIC 261, RS 211/JS 203, RS 272/JS 233. Grades achieved in these courses will be included in the calculation of the German major average.
5. Students wishing to gain extra certification of their language skills are encouraged to take two German competency tests: the Zertifikat Deutsch (ZD) after GER 212 and the Zertifikat Deutsch für den Beruf (ZDB) after GER 307. Contact the undergraduate officer for more details.
6. Students may be able to substitute courses taken at other institutions (e.g., Wilfrid Laurier University) for the elective courses offered at the University of Waterloo. Contact the undergraduate officer for details.
7. Many German (GER) courses are taught in English and require no knowledge of German; these courses are so identified by their course descriptions.

1.2 Honours German
Honours German (Arts and Business Co-op and Regular)
Honours German double major
Motion: To amend the academic plan requirements for the Honours German, the Honours German (Arts and Business Co-op and Regular), and the Joint Honours German (now referred to as Honours double majors) plans, and to collapse the calendar text for each plan as described.

Honours German
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative German average of 75%.

Eligibility for graduation in the Honours German academic plan includes successful fulfillment of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. German Plan-level requirements:
   - at least ten academic course units (20 courses) in German with a minimum cumulative average of 75%, including:
     - GER 201, GER 202, GER 211, GER 212, GER 271, GER 272, GER 331, GER 334, GER 431
     - two of GER 303, GER 304, GER 307, GER 308, GER 309

Notes
1. If any required courses are waived for students with advanced language skills, they must be replaced by GER electives.
2. A number of German language courses can be taken concurrently. Students majoring in German or preparing for work or study terms in German-speaking Europe are encouraged to take some courses in tandem: GER 201 and GER 211 together; GER 202 and GER 212 together; GER 303, or GER 304, or GER 307, or GER 308, or GER 309 with either GER 331 or GER 334.
3. Students may elect to take up to two courses from the following list in place of GER electives for any German academic plan: APPLS 301, DUTCH 101, DUTCH 102, DUTCH 201, DUTCH 202, ENGL 218, FINE 112, HIST 223, HIST 247, HIST 265, HIST 341, HIST 358, MUSIC 254, MUSIC 255, MUSIC 260, MUSIC 261, RS 211/JS 203, RS 272/JS 233. Grades achieved in these courses will be included in the calculation of the German major average.
4. Students wishing to gain extra certification of their language skills are encouraged to take two German competency tests: the Zertifikat Deutsch (ZD) after GER 212 and the Zertifikat Deutsch für den Beruf (ZDfB) after GER 307. Contact the undergraduate officer for more details.
5. Students may be able to substitute courses taken at other institutions (e.g., Wilfrid Laurier University) for the elective courses offered at the University of Waterloo. Contact the undergraduate officer for details.

Honours German (Arts and Business Co-op and Regular)
Students may combine the Honours German academic plan with Arts and Business.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative German average of 75%.

Eligibility for graduation in the Honours German (Arts and Business Co-op and Regular) academic plan includes successful fulfillment of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. German Plan-level requirements:
   - at least eight academic course units (16 courses) in German with a minimum cumulative average of 75%, including:
     - GER 201, GER 202, GER 211, GER 212, GER 271, GER 272, GER 331, GER 334, GER 431
3. Arts and Business requirements.

Notes
1. If any required courses are waived for students with advanced language skills, they must be replaced by GER electives.
2. A number of German language courses can be taken concurrently. Students majoring in German or preparing for work or study terms in German-speaking Europe are encouraged to take some courses in tandem: GER 201 and GER 211 together; GER 202 and GER 212 together; GER 303, or GER 304, or GER 307, or GER 308, or GER 309 with either GER 331 or GER 334.
3. Students may elect to take up to two courses from the following list in place of GER electives for any German academic plan: APPLS 301, DUTCH 101, DUTCH 102, DUTCH 201, DUTCH 202, ENGL 218, FINE 112, HIST 223, HIST 247, HIST 265, HIST 341, HIST 358, MUSIC 254, MUSIC 255, MUSIC 260, MUSIC 261, RS 211/JS 203, RS 272/JS 233. Grades achieved in these courses will be included in the calculation of the German major average.
4. Students wishing to gain extra certification of their language skills are encouraged to take two German competency tests: the Zertifikat Deutsch (ZD) after GER 212 and the Zertifikat Deutsch für den Beruf (ZDfB) after GER 307. Contact the undergraduate officer for more details.
5. Students may be able to substitute courses taken at other institutions (e.g., Wilfrid Laurier University) for the elective courses offered at the University of Waterloo. Contact the undergraduate officer for details.

Joint Honours German
A Joint Honours academic plan with German may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative German average of 75%.

Eligibility for graduation in the Joint Honours German academic plan includes successful fulfillment of the following requirements:
1. Appropriate Program-level requirements for the Home Faculty, including at least 20 academic course units (40 courses). If the Home Faculty is Arts, see Bachelor of Arts Degree Requirements.
2. German Plan-level requirements:
   - at least eight academic course units (16 courses) in German with a minimum cumulative average of 75%, including:
     • GER 201, GER 202, GER 211, GER 212, GER 271, GER 272, GER 331, GER 334, GER 431
     • two of GER 303, GER 304, GER 307, GER 308, GER 309
3. Plan-level requirements for the second major.

Notes
1. If any required courses are waived for students with advanced language skills, they must be replaced by GER electives.
2. A number of German language courses can be taken concurrently. Students majoring in German or preparing for work or study terms in German-speaking Europe are encouraged to take some courses in tandem: GER 201 and GER 211 together; GER 202 and GER 212 together; GER 303, or GER 304, or GER 307, or GER 308, or GER 309 with either GER 331 or GER 334.
3. Students may elect to take up to two courses from the following list in place of GER electives for any German academic plan: APPLS 301, DUTCH 101, DUTCH 102, DUTCH 201, DUTCH 202, ENGL 218, FINE 112, HIST 223, HIST 247, HIST 265, HIST 341, HIST 358, MUSIC 254, MUSIC 255, MUSIC 260, MUSIC 261, RS 211/JS 203, RS 272/JS 233.
260, MUSIC 261, RS 211/JS 203, RS 272/JS 233. Grades achieved in these courses will be included in the calculation of the German major average.

4. Students wishing to gain extra certification of their language skills are encouraged to take two German competency tests: the Zertifikat Deutsch (ZD) after GER 212 and the Zertifikat Deutsch für den Beruf (ZDfB) after GER 307. Contact the undergraduate officer for more details.

5. Students may be able to substitute courses taken at other institutions (e.g., Wilfrid Laurier University) for the elective courses offered at the University of Waterloo. Contact the undergraduate officer for details.

Honours German

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative German major average of 70%.

Eligibility for graduation in the Honours German academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. German Plan-level requirements:
   - a minimum German major average of 70%
   - at least eight academic course units (16 courses) in German courses, including:
     - eight of GER 201, GER 202, GER 211, GER 212, GER 250, GER 303, GER 304, GER 307, GER 308, GER 309, GER 331, GER 334, GER 350, GER 407, GER 431, GER 490, GER 495

Arts and Business (Co-op and Regular)

Students may combine the Honours German academic plan with Arts and Business. In addition to the Honours German requirements, students must also complete the Arts and Business requirements.

Honours double majors

Honours German may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double majors section of Available Arts Academic Plans.

Notes

1. Students with advanced language skills should take GER electives in place of lower-level required courses. See the undergraduate advisor for details.
2. A number of German language courses can be taken concurrently. Students majoring in German or preparing for work or study terms in German-speaking Europe are encouraged to take some courses in tandem: GER 201 and GER 211 together; GER 202 and GER 212 together; GER 303, or GER 304, or GER 307, or GER 308, or GER 309 with either GER 331 or GER 334.
3. It is strongly recommended that all students take both GER 331 and GER 334. These courses provide fundamental knowledge in the areas of linguistics and German literature respectively, and serve as the core of our program and the basis of advanced studies in our field.
4. Students may elect to take up to two courses from the following list in place of GER electives for any German academic plan: DUTCH 101, DUTCH 102, DUTCH 201, DUTCH 202, ENGL 218, FINE 112, HIST 223, HIST 247, HIST 265, HIST 341, HIST 358, MUSIC 254, MUSIC 255, MUSIC 260, MUSIC 261, RS 211/JS 203, RS 272/JS 233. Grades achieved in these courses will be included in the calculation of the German major average.
5. Many German (GER) courses are taught in English and require no knowledge of German; these courses are so identified by their course descriptions.

1.3 German Minor

Students enrolled in any degree program may pursue a minor designation in German.

The German Minor requires successful completion of a minimum of four academic course units (eight courses) in German or German approved courses with a minimum cumulative average of 65%, including:

- at least six GER courses taught in German: GER 101, GER 102, GER 201, GER 202, GER 211, GER 212, GER 250, GER 303, GER 304, GER 307, GER 308, GER 309, GER 331, GER 334, GER 350, GER 431, GER 490, GER 495
- two GER courses taught in German or English, or German approved courses

Notes

1. A number of German language courses can be taken concurrently, e.g., GER 201 and GER 211; GER 202 and GER 212.
2. Students may be able to substitute courses taken at other institutions (e.g., Wilfrid Laurier University) for the elective courses offered at the University of Waterloo. Contact the undergraduate officer for details.
4. Many German (GER) courses are taught in English and require no knowledge of German; these courses are so identified by their course descriptions.

Rationale: The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.2 are a result of applying the previously approved BA templates to the German major plans. Changes of particular note:

- Honours:
  - Reduction of the major average from 75% to 70%.
  - Simplification of the course requirements
- Major requirements (Honours and Three-Year General):
  - Changes made to the course requirements and the addition of Note 3 to reflect the central importance of literature and linguistics in our program and in our field. We don’t want to make GER 331 and 334 required for two reasons: 1) to still permit the program to be as flexible as possible for the students, and 2) that making them required courses obligates us to offer them both every year—and with our small number, at some point the combination of sabbatical leaves and course releases will make it impossible for us to offer one or the other.
  - Changes made to Note 1 for clarity, and to change a negative wording into a more positive formulation
  - Deletion of previous Note 4: we do not want to give the impression that we offer the ZD or ZDfB (currently titled the BULATS Deutsch-Test für den Beruf), a range of external examination-based certificates available through the Goethe-Institut, on campus
Deletion of previous Note 5: there are almost no remaining courses at WLU that would be suitable for substitution, and in any case there are overarching mechanisms for granting equivalent credit for courses taken at other institutions

- All plans, including the Minor:
  - Changes to approved electives (note #4):
    - Removing APPLS 301 as it is now cross-listed with GER 301

2. Academic Plan Inactivations [for approval]
Effective date: September 01, 2016

2.1 Four-Year General German

Rationale: The reduction of the Honours major average to 70% makes the Four-Year General German plan practically redundant, given that a) the course requirements are now identical between the two plans; and b) by far most of the Department’s majors have easily been able to maintain an average sufficient for Honours standing under the incoming rules. All current Four-Year General students will be eligible for the Honours plan—most of our third- and four-year students are already in Honours—and the Three-Year General plan and the Minor plan remain in place as alternatives or fallbacks.
D. Department: Classical Studies/St. Jerome’s University (Medieval Studies)

1. Academic Plan Changes [for approval]
Effective date: September 01, 2016

1.1 Three-Year General Medieval Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Medieval Studies major average of 65%.

Eligibility for graduation in the Three-Year General Medieval Studies academic plan includes successful fulfillment completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Medieval Studies Plan-level requirements:
   o a minimum Medieval Studies major average of 65%
   o at least eight six academic course units (16 12 courses) in MEDVL and Medieval Studies approved courses with a minimum cumulative average of 65%, including:
     ▪ MEDVL 105, MEDVL 260 (see Note 3)
     ▪ HIST 450 (see Note 2)
     ▪ two courses from each of four of the eight subject fields specified in the list of Medieval Studies approved courses
     ▪ six courses, not all of which need be medieval in content, in one of the subject fields specified in the list of Medieval Studies approved courses
     ▪ two courses at the 300-level or above from the list of Medieval Studies approved courses
     ▪ list of Medieval Studies approved courses:
       2. English: ENGL 200A, ENGL 208H, ENGL 305A, ENGL 305B, ENGL 309A, ENGL 309B, ENGL 310A, ENGL 310B, ENGL 310C, ENGL 361
       3. Fine Arts and Music: FINE 212, FINE 214, FINE 242/CLAS 242, FINE 342/CLAS 342, MUSIC 253, MUSIC 363/RS 357
       5. Latin: LAT 101, LAT 102, LAT 201, LAT 202, LAT 331, LAT 332, LAT 341, LAT 351, LAT 381, LAT 421, LAT 422, LAT 451, LAT 490, LAT 491
       7. Philosophy: PHIL 250A/CLAS 261, PHIL 380/CLAS 361, PHIL 382, PHIL 403/CLAS 461, PHIL 404, PHIL 451J
Notes

1. Special Topics, Senior Seminars, Directed Studies, courses taken in the International Exchange program, and generally any course with medieval content may be permitted at the discretion of the Medieval Studies advisors and with special permission. Please see one of the Medieval Studies advisors for details.
2. CLAS 342, CLAS 352, FINE 342, LAT 490, and LAT 491 are HIST 450 is a topic-based courses, therefore, subject to Medieval Studies advisor’s approval.
3. MEDVL 105 counts toward the required course units needed in Classical Studies and MEDVL 260 counts toward the required course units needed in History.
4. Students who have taken ITAL 101 and ITAL 102 are precluded from taking ITAL 155 and vice versa.

1.2 Four-Year General Medieval Studies

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Medieval Studies major average of 65%.

Eligibility for graduation in the Four-Year General Medieval Studies academic plan includes successful fulfillment completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Medieval Studies Plan-level requirements:
   - a minimum Medieval Studies major average of 65%
   - at least eight academic course units (17-16 courses) in MEDVL and Medieval Studies approved courses with a minimum cumulative average of 65%, including:
     - MEDVL 105, MEDVL 260 (see Note 3)
     - HIST 450 (see Note 2)
     - two courses from each of four of the eight subject fields specified in the list of Medieval Studies approved courses
     - eight courses, not all of which need be medieval in content, in one of the subject fields specified in the list of Medieval Studies approved courses
     - two courses at the 300-level or above from the list of Medieval Studies approved courses
     - one additional course at the 400-level from the list of Medieval Studies approved courses
   - list of Medieval Studies approved courses:
     2. English: ENGL 200A, ENGL 208H, ENGL 305A, ENGL 305B, ENGL 309A, ENGL 309B, ENGL 310A, ENGL 310B, ENGL 310C, ENGL 361
     3. Fine Arts and Music: FINE 212, FINE 214, FINE 242/CLAS 242, FINE 342/CLAS 342, MUSIC 253, MUSIC 363/RS 357
     5. Latin: LAT 101, LAT 102, LAT 201, LAT 202, LAT 331, LAT 332, LAT 341, LAT 351, LAT 381, LAT 421, LAT 422, LAT 451, LAT 490, LAT 491

7. Philosophy: PHIL 250A/CLAS 261, PHIL 380/CLAS 361, PHIL 382, PHIL 403/CLAS 461, PHIL 404, PHIL 451J


Notes
1. Special Topics, Senior Seminars, Directed Studies, courses taken in the International Exchange program, and generally any course with medieval content may be permitted at the discretion of the Medieval Studies advisors and with special permission. Please see one of the Medieval Studies advisors for details.

2. CLAS 342, CLAS 352, FINE 342, LAT 490, and LAT 491 are HIST 450 is a topic-based courses, therefore, subject to Medieval Studies advisor’s approval.

3. MEDVL 105 counts toward the required course units needed in Classical Studies and MEDVL 260 counts toward the required course units needed in History.

4. Students who have taken ITAL 101 and ITAL 102 are precluded from taking ITAL 155 and vice versa.

1.3 Honours Medieval Studies
Honours Medieval Studies (Arts and Business Co-op and Regular)
Honours Medieval Studies double major (NEW)

Motion: To amend the academic plan requirements for the Honours Medieval Studies and the Honours Medieval Studies (Arts and Business Co-op and Regular); to allow the Honours Medieval Studies plan to be combined with other Honours majors (previously an exception); and to collapse the calendar text for each plan as described.

Honours Medieval Studies

Continuation in this academic plan requires a cumulative average of 60% and a cumulative Medieval Studies average of 75%.

Eligibility for graduation in the Honours Medieval Studies academic plan includes fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Medieval Studies Plan-level requirements:
   - at least nine academic course units (18 courses) in MEDVL and Medieval Studies approved courses with a minimum cumulative average of 75%, including:
     • MEDVL 105, MEDVL 260 (see Note 3)
     • two courses from each of five of the eight subject fields specified in the list of Medieval Studies approved courses
     • ten courses, not all of which need be medieval in content, in one of the subject fields specified in the list of Medieval Studies approved courses
     • two courses at the 300-level or above from the list of Medieval Studies approved courses
• one course at the 400-level from one of the specified subject fields

• list of Medieval Studies approved courses:


2. English: ENGL 200A, ENGL 208H, ENGL 305A, ENGL 305B, ENGL 309A, ENGL 309B, ENGL 310A, ENGL 310B, ENGL 310C, ENGL 361

3. Fine Arts and Music: FINE 212, FINE 214, FINE 242/CLAS 242, FINE 342/CLAS 342, MUSIC 253, MUSIC 363/RS 357


5. Latin: LAT 101, LAT 102, LAT 201, LAT 202, LAT 331, LAT 332, LAT 341, LAT 351, LAT 381, LAT 421, LAT 422, LAT 490, LAT 491


7. Philosophy: PHIL 250A/CLAS 261, PHIL 380/CLAS 361, PHIL 382, PHIL 403/CLAS 461, PHIL 404, PHIL 451


Notes

1. Special Topics, Senior Seminars, Directed Studies, courses taken in the International Exchange program, and generally any course with medieval content may be permitted at the discretion of the Medieval Studies advisors and with special permission. Please see one of the Medieval Studies advisors for details.

2. CLAS 342, CLAS 352, FINE 342, LAT 490, and LAT 491 are topic-based courses, therefore, subject to Medieval Studies advisor's approval.

3. MEDVL 105 counts toward the required course units needed in Classical Studies and MEDVL 260 counts toward the required course units needed in History.

4. Students who have taken ITAL 101 and ITAL 102 are precluded from taking ITAL 155 and vice versa.

5. Although it is possible to combine a major in Medieval Studies with a minor in another discipline, it is not possible to obtain a Joint Honours degree. Please contact one of the program's advisors for more information.

Honours Medieval Studies (Arts and Business Co-op and Regular)

Students may combine the Honours Medieval Studies academic plan with Arts and Business:

Continuation in this academic plan requires a cumulative average of 60% and a cumulative major average of 75%.

Eligibility for graduation in the Honours Medieval Studies (Arts and Business Co-op and Regular) academic plan includes fulfillment of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Medieval Studies Plan-level requirements:
   - at least nine academic course units (18 courses) in MEDVL and Medieval Studies approved courses with a minimum cumulative average of 75%, including:
     - MEDVL 105, MEDVL 260 (see Note 3)
     - two courses from each of five of the eight subject fields specified in the list of Medieval Studies approved courses
     - ten courses, not all of which need be medieval in content, in one of the subject fields specified in the list of Medieval Studies approved courses
     - two courses at the 300-level or above from the list of Medieval Studies approved courses
     - one course at the 400-level from one of the specified subject fields
   - list of Medieval Studies approved courses:
     2. English: ENGL 200A, ENGL 208H, ENGL 305A, ENGL 305B, ENGL 309A, ENGL 309B, ENGL 310A, ENGL 310B, ENGL 310C, ENGL 361
     3. Fine Arts and Music: FINE 212, FINE 214, FINE 242/CLAS 242, FINE 342/CLAS 342, MUSIC 253, MUSIC 363/RS 357
     5. Latin: LAT 101, LAT 102, LAT 201, LAT 202, LAT 331, LAT 332, LAT 341, LAT 351, LAT 381, LAT 421, LAT 422, LAT 490, LAT 491
     7. Philosophy: PHIL 250A/CLAS 261, PHIL 380/CLAS 361, PHIL 382, PHIL 403/CLAS 461, PHIL 404, PHIL 451J

3. Arts and Business requirements.

Notes
1. Special Topics, Senior Seminars, Directed Studies, courses taken in the International Exchange program, and generally any course with medieval content may be permitted at the discretion of the Medieval Studies advisors and with special permission. Please see one of the Medieval Studies advisors for details.
2. CLAS 342, CLAS 352, FINE 342, LAT 490, and LAT 491 are topic-based courses, therefore, subject to Medieval Studies advisor's approval.
3. MEDVL 105 counts toward the required course units needed in Classical Studies and MEDVL 260 counts toward the required course units needed in History.
4. Students who have taken ITAL 101 and ITAL 102 are precluded from taking ITAL 155 and vice versa.
5. Although it is possible to combine a major in Medieval Studies with a minor in another discipline, it is not possible to obtain a Joint Honours degree. Please contact one of the program's advisors for more information.

Honours Medieval Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Medieval Studies major average of 70%.

Eligibility for graduation in the Honours Medieval Studies academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Medieval Studies Plan-level requirements:
   o a minimum Medieval Studies major average of 70%
   o at least eight academic course units (16 courses) in MEDVL and Medieval Studies approved courses, including:
     ▪ MEDVL 105, MEDVL 260 (see Note 3)
     ▪ HIST 450 (see Note 2)
     ▪ two courses from each of five of the eight subject fields specified in the list of Medieval Studies approved courses
     ▪ two courses at the 300-level or above from the list of Medieval Studies approved courses
     ▪ one additional course at the 400-level from the list of Medieval Studies approved courses
   ▪ list of Medieval Studies approved courses:
     2. English: ENGL 200A, ENGL 208H, ENGL 305A, ENGL 305B, ENGL 309A, ENGL 309B, ENGL 310A, ENGL 310B, ENGL 310C, ENGL 361
     3. Fine Arts and Music: FINE 212, FINE 214, FINE 242/CLAS 242, FINE 342/CLAS 342, MUSIC 253, MUSIC 363/RS 357
     5. Latin: LAT 101, LAT 102, LAT 201, LAT 202, LAT 331, LAT 332, LAT 341, LAT 351, LAT 381, LAT 421, LAT 422, LAT 451
     7. Philosophy: PHIL 250A/CLAS 261, PHIL 380/CLAS 361, PHIL 382, PHIL 403/CLAS 461, PHIL 404, PHIL 451J
**Arts and Business (Co-op and Regular)**

Students may combine the Honours Medieval Studies academic plan with Arts and Business. In addition to the Honours Medieval Studies requirements, students must also complete the Arts and Business requirements.

**Honours double majors**

Honours Medieval Studies may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double majors section of Available Arts Academic Plans.

**Notes**

1. Special Topics, Senior Seminars, Directed Studies, courses taken in the International Exchange program, and generally any course with medieval content may be permitted at the discretion of the Medieval Studies advisors and with special permission. Please see one of the Medieval Studies advisors for details.
2. HIST 450 is a topic-based course, therefore, subject to Medieval Studies advisor's approval.
3. MEDVL 105 counts toward the required course units needed in Classical Studies and MEDVL 260 counts toward the required course units needed in History.

**Rationale:** The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.3 are a result of applying the previously approved BA templates to the Medieval Studies major plans. Changes of particular note:

- **Three-Year General:**
  - Decrease of the major course requirements from 16 to 12
  - Removal of Note #4.

- **Four-Year General:**
  - Decrease of the major course requirements from 17 to 16
  - Changes to the course requirements to be identical to the Honours Medieval Studies plan
  - Removal of Note #4.

- **Honours Medieval Studies:**
  - Reduction of the major average from 75% to 70%.
  - Decrease of the major course requirement from 18 to 16
  - Removal of Notes #4 and #5.
  - Creation of the Joint Honours Medieval Studies plan allowing it to be combined with other Honours majors (previously not possible)

- **All plans:**
  - Changes to the List of approved courses:
    - Addition of CLAS 104 and LAT 451
    - Removal of recently inactivated courses: RS 222, RS 234, RS 314, RS 331, RS 332, FR 409, HIST 402A/B
    - Addition of MEDVL/SI 250R and MEDVL/SI 251R to the History category
  - Removal of the requirement that 6-10 courses be in the same subject field
  - Removal of CLAS 342/FINE 342, CLAS 352, LAT 490, LAT 491 and the related text in Note #2. These are all topics courses and Note #1 covers their addition to the requirements.
when the subject content is medieval in nature, thus listing these particular courses is not necessary.

MEDVL is changing its plans to require that all majors take a capstone course, HIST 450. Two independent external reviewers recommended the addition of a mandatory capstone experience in the formal Program Review two years ago. In the recent Two-Year Progress Report to Senate, moreover, this is how the program co-Directors addressed the reviewers’ recommendation:

Recommendation 2. That a required capstone course at the 400-level be developed.

Status: Done

Details: This recommendation has been adopted by virtue of having the Medieval-themed pair of 1.0-credit 400-level History courses (HIST 402A and HIST 402B) function as capstone courses for Medieval Studies students. Although these are not formally mandatory, the undergraduate advisors for Medieval Studies recommend them systematically for Honours students, and especially for those students aiming for graduate-level studies.

In light of recent changes to the HIST curriculum, brought about by Plan Standardization, however, the Department of History eliminated all its previous fourth-year seminars, including HIST 402A and HIST 402B, and replaced them with HIST 450. St. Jerome’s is committed to offering a medieval version of HIST 450 regularly. This now opens the possibility of maintaining a mandatory capstone experience for all MEDVL students. The Medieval Studies Co-Directors, thus, see this as an opportunity to implement fully the recommendation of the external reviewers. With that in mind, they request the addition of HIST 450 as a mandatory capstone course. In a program that draws on other units for its core course offerings, it is important that all MEDVL majors receive a coherent, consistent summative curricular experience. The addition of HIST 450 as a mandatory capstone ensures this is possible.
**E. Department:** Psychology

**1. Academic Plan Changes [for approval]**

**Effective date:** September 01, 2016

---

**1.1 Three-Year General Psychology**

The Three-Year General Bachelor of Arts in Psychology provides students with a general overview of the field of Psychology.

Please refer to the Applying for a Psychology Major section.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Psychology major average of 65%. Conditional standing may be granted for one academic term to students whose averages fall below these criteria.

Eligibility for graduation in the Three-Year General Psychology academic plan includes successful fulfillment completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Psychology Plan-level requirements:
   - a minimum Psychology major average of 65%
   - at least five six academic course units (ten 12 courses) in Psychology with a minimum cumulative Psychology average of 65%, including:
     - PSYCH 101/PSYCH 101R
     - Methodology Core: PSYCH 291, PSYCH 292
     - three four of the following Discipline Core: PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, PSYCH 261 including at least one of PSYCH 207, or PSYCH 261
     - two PSYCH courses from the following: PSYCH 306 through PSYCH 380, PSYCH 439, PSYCH 481, PSYCH 482 at the 300-level or above
     - two three additional PSYCH courses at any level

**Notes**

1. Students who have not successfully completed Math 4U (grade 12 university level), or a Grade 12 Math course in a province other than Ontario, or an approved equivalent will be required to take MATH 103 as a corequisite to PSYCH 291. For those required to take MATH 103, it counts as an "unspecified elective" towards the degree requirements.
2. PSYCH 291 and PSYCH 292 must be completed in Year Two. Normally, the Discipline Core courses are completed by the end of Year Two.
3. Regarding the "Social Science" courses for the Bachelor of Arts Breadth Requirements, Psychology majors only require 1.0 academic course unit (two courses) from this area in a discipline(s) other than Psychology.
4. Residency Requirements: Students enrolled in academic plans in Psychology must successfully complete at least half of the total number of academic course units required in Psychology for their academic plan from the University of Waterloo with numerical grades. Please refer to the Residency Requirement section for the Faculty of Arts as well as the Department of Psychology policies for further details regarding the residency requirements.
5. If Psychology courses are required for another academic plan(s), please refer to the Faculty of Arts' double-counting regulations for further details.
6. Please refer to the Psychology programs section on the Psychology undergraduate website for further course sequence information and class enrolment instructions.
1.2 Four-Year General Psychology

The Four-Year General Bachelor of Arts in Psychology will be of particular interest to those who require a four-year degree in order to pursue further studies that do not require an Honours degree for admission.

Please refer to the Applying for a Psychology Major section.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Psychology major average of 70% - 65%. Conditional standing may be granted for one academic term to students whose averages fall below these criteria.

Eligibility for graduation in the Four-Year General Psychology academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Psychology Plan-level requirements:
   - a minimum Psychology major average of 65%
   - at least seven eight academic course units (14 - 16 courses) in Psychology with a minimum cumulative Psychology average of 70%, including:
     - PSYCH 101/PSYCH 101R
     - Methodology Core: PSYCH 291, PSYCH 292
     - four of the following Discipline Core: PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, PSYCH 261
     - four PSYCH courses from the following: PSYCH 306 through PSYCH 380, PSYCH 439, PSYCH 481, PSYCH 482.
     - three additional PSYCH courses at any level
     - PSYCH 470 or one Research Seminar from PSYCH 420, PSYCH 451, PSYCH 453, PSYCH 454, PSYCH 455, PSYCH 457, PSYCH 458, PSYCH 459, PSYCH 461, PSYCH 462, PSYCH 463, PSYCH 485
     - five additional PSYCH courses at the 300-level or above
     - one additional PSYCH course at any level

Notes:

1. Students who have not successfully completed Math 4U (grade 12 university level), or a Grade 12 Math course in a province other than Ontario, or an approved equivalent will be required to take MATH 103 as a corequisite to PSYCH 291. For those required to take MATH 103, it counts as an "unspecified elective" towards the degree requirements.
2. PSYCH 291 and PSYCH 292 must be completed in Year Two. Normally, the Discipline Core courses are completed by the end of Year Two.
3. At least five of the six Discipline Core courses must be completed by the end of Year Two.
4. PSYCH 391 is a corequisite for enrolment in a Research Seminar.
5. Regarding the "Social Science" courses for the Bachelor of Arts Breadth Requirements, Psychology majors only require 1.0 academic course unit (two courses) from this area in a discipline(s) other than Psychology.
6. Residency Requirements: Students enrolled in academic plans in Psychology must successfully complete at least half of the total number of academic course units required in Psychology for their academic plan from the University of Waterloo with numerical grades. Please refer to the Residency Requirement section for the Faculty of Arts as well as the Department of Psychology policies for further details regarding the residency requirements.
7. If Psychology courses are required for another academic plan(s), please refer to the Faculty of Arts' double-counting regulations for further details.
8. Please refer to the Psychology programs section on the Psychology undergraduate website for further course sequence information and class enrolment instructions.

1.3 Honours Psychology (Bachelor of Arts)
Honours Psychology Co-op
Honours Psychology (Arts and Business Co-op and Regular)
Honours Psychology double major

Motion: To amend the academic plan requirements for the Honours Psychology, the Honours Psychology (Arts and Business Co-op and Regular), and the Joint Honours Psychology (now referred to as Honours double majors) plans, and to collapse the calendar text for each plan as described.

Honours Psychology
Honours Psychology provides opportunities for in-depth study of psychological theory and research. Courses are available in the following areas: clinical psychology, cognitive neuroscience, cognitive psychology, developmental psychology, industrial/organizational psychology, and social psychology. Third- and fourth-year students have opportunities to study in small groups, to obtain hands-on laboratory training, to enrol in courses where they work one-on-one with faculty members, and to enrol in apprenticeship courses that provide practical field experience in applied settings.

Please refer to the Applying for a Psychology Major section.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Psychology average of 75%. Conditional standing may be granted for one academic term to students whose averages fall below these criteria.

Eligibility for graduation in the Honours Psychology (Bachelor of Arts) academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Psychology Plan-level requirements:
   - at least nine academic course units (18 courses) in Psychology with a minimum cumulative Psychology average of 75%, including:
     - PSYCH 101/PSYCH 101R
     - Methodology Core: PSYCH 291, PSYCH 292, PSYCH 391
     - Discipline Core: PSYCH 207, PSYCH 211, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, PSYCH 261
     - Natural Science Advanced Research Methods: one of PSYCH 392, PSYCH 394, PSYCH 396, PSYCH 398, PSYCH 483
     - Social Science Advanced Research Methods: one of PSYCH 393, PSYCH 395, PSYCH 397, PSYCH 399, PSYCH 484
     - Honours Seminar: one of PSYCH 420, PSYCH 453, PSYCH 454, PSYCH 455, PSYCH 457, PSYCH 458, PSYCH 461, PSYCH 462, PSYCH 463, PSYCH 485
     - two PSYCH courses from the following: PSYCH 306 through PSYCH 380, PSYCH 439, PSYCH 481, PSYCH 482
     - four additional PSYCH courses to be taken at the 300-level or above

See the respective section for information regarding Honours Psychology Co-op.

Notes
1. Students who have not successfully completed Math 4U (grade 12 university level), or Grade 12 Math course in a province other than Ontario, or an approved equivalent will be required to
take MATH 103 as a corequisite to PSYCH 291. For those required to take MATH 103, it counts as an "unspecified elective" towards the degree requirements.

2. PSYCH 291 and PSYCH 292 must be completed in Year Two, and PSYCH 391 in Year Three.

3. At least four of the five Discipline Core courses must be completed by the end of Year Two.

4. Advanced Research Methods Courses:
   - Normally, both of the Advanced Research Methods courses will be completed in Year Three and students will take no more than one per term.
   - Typically only one Advanced Research Methods course is offered in the spring term (e.g., PSYCH 394 or PSYCH 398) and priority enrolment that term is given to those in the co-op system of study.
   - Only students who are not doing the honours thesis in Psychology (PSYCH 499A/PSYCH 499B/PSYCH 499C) may substitute one of PSYCH 465 or PSYCH 467 for one of the two Advanced Research Methods course requirements.

5. Regarding the "Social Science" courses for the Bachelor of Arts Breadth Requirements, Psychology majors only require 1.0 academic course unit (two courses) from this area in a discipline(s) other than Psychology.

6. Honours Thesis (PSYCH 499A/PSYCH 499B/PSYCH 499C): The honours thesis (optional, worth 1.5 units) is recommended for Honours Psychology majors who are a) considering graduate or professional programs that may require a completed honours thesis for admission, or b) who have a strong interest in, and commitment to, conducting original research. For those who choose to do an honours thesis, PSYCH 499A/PSYCH 499B/PSYCH 499C will count for three of the "four additional PSYCH courses at the 300-level or above". Please consult the Honours Thesis Handbook for further details regarding PSYCH 499A/PSYCH 499B/PSYCH 499C.

7. Residency Requirements: Students enrolled in academic plans in Psychology must successfully complete at least half of the total number of academic course units required in Psychology for their academic plan from the University of Waterloo with numerical grades. Please refer to the Residency Requirement section for the Faculty of Arts as well as the Department of Psychology policies for further details regarding the residency requirements.

8. If Psychology courses are required for another academic plan(s), please refer to the Faculty of Arts’ double-counting regulations for further details.

9. Please refer to the Psychology programs section on the Psychology undergraduate website for further course sequence information and class enrolment instructions.

Honours Psychology Co-op
The program described here is Departmental Co-op, meaning not Arts and Business Co-op.

Honours Psychology Co-op students (Bachelor of Arts or Bachelor of Science) gain beneficial work experience, perform a wide variety of tasks in numerous sectors, and are valued by their co-op employers and mentors. You will have opportunities to practice skills learned in Psychology courses (e.g., analytic, numeracy, computer, oral and written communication skills) and develop new marketable skills.

Admission to Honours Psychology Co-op is limited and will be at the 2A (year/level) fall school term. The Department of Psychology reserves the right to require a higher cumulative overall average and a higher cumulative psychology average for admission to the co-op system of study compared to the regular system of study, and to reserve spaces for admission to co-op at the 2B (year/level) winter level at our discretion. For Joint Honours Psychology Co-op, the first of the two Honours Majors must be Psychology, and the Home Faculty must be Arts or Science.

Refer to the Psychology Co-op section on the Psychology undergraduate website for further details.
about the admission requirements and space limitations for Honours Psychology Co-op.

Those accepted to co-op will have four work terms. The first work term will be in the spring term following Year Two. The school/work sequence ends with a school term. Refer to the Psychology Co-op section on the Psychology undergraduate website for information regarding co-op positions, the requirements for writing work-term reports, the Professional Development (PD) course requirements, etc. Co-op fees will be charged for full-time school terms beginning the 2B (year/level) winter school term and ending in term 4B (i.e., Psychology students pay five co-op fee installments).

If the Home Faculty is Arts, refer to the degree requirements for Honours Psychology (Bachelor of Arts). If the Home Faculty is Science, refer to the degree requirements for Honours Psychology (Bachelor of Science).

Honours Psychology (Arts and Business Co-op and Regular)

Students may combine the Honours Psychology (Bachelor of Arts) academic plan with Arts and Business.

Those in Honours Arts and Business (regular or co-op system of study) must have an Honours major by the beginning of the 2A (year/level) fall school term. Refer to the Applying for a Psychology Major section for details regarding admission to the Psychology Major.

Honours Psychology provides opportunities for in-depth study of psychological theory and research. Courses are available in the following areas: clinical psychology, cognitive neuroscience, cognitive psychology, developmental psychology, industrial/organizational psychology, and social psychology. Third- and fourth-year students have opportunities to study in small groups, to obtain hands-on laboratory training, to enrol in courses where they work one-on-one with faculty members, and to enrol in apprenticeship courses that provide practical field experience in applied settings.

For those interested in the co-op system of study, direct inquiries regarding admission to Honours Arts and Business Co-op to the Arts and Business advisor. Admission to co-op must be no later than the 2A (year/level) fall school term. Those accepted will have five work terms. The first work term (winter) will follow the 2A term. The school/work sequence typically ends with a double school term. Refer to the Psychology Co-op section on the Psychology undergraduate website for information regarding co-op positions, the requirements for writing work-term reports, the Professional Development (PD) course requirements, etc.

Continuation in this academic plan requires a cumulative overall average of at least 60%, a cumulative Psychology average of at least 75%, and a cumulative Arts and Business average of at least 70%. Conditional standing may be granted for one academic term to students whose averages fall below these criteria.

Eligibility for graduation in the Honours Psychology (Arts and Business Co-op and Regular) academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Psychology Plan-level requirements:
   - at least nine academic course units (18 courses) in Psychology with a minimum cumulative Psychology average of 75%, including:
     • PSYCH 101/PSYCH 101R
     • Methodology Core: PSYCH 291, PSYCH 292, PSYCH 391
• Discipline Core: PSYCH 207, PSYCH 211, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, PSYCH 261
• Natural Science Advanced Research Methods: one of PSYCH 392, PSYCH 394, PSYCH 396, PSYCH 398, PSYCH 483
• Social Science Advanced Research Methods: one of PSYCH 393, PSYCH 395, PSYCH 397, PSYCH 399, PSYCH 484
• Honours Seminar: one of PSYCH 420, PSYCH 453, PSYCH 454, PSYCH 455, PSYCH 457, PSYCH 458, PSYCH 461, PSYCH 462, PSYCH 463, PSYCH 485
• Two PSYCH courses from the following: PSYCH 306 through PSYCH 380, PSYCH 439, PSYCH 481, PSYCH 482
• Four additional PSYCH courses to be taken at the 300-level or above

3. Arts and Business requirements.

Notes
1. Students who have not successfully completed Math 4U (grade 12 university level), or Grade 12 Math in a province other than Ontario, or an approved equivalent will be required to take MATH 103 as a corequisite to PSYCH 291. For those required to take MATH 103, it counts as an "unspecified elective" towards the degree requirements.
2. All students complete PSYCH 291 in the 2A (year/level) fall term.
3. At least four of the five Discipline Core courses should be completed before taking PSYCH 391.
4. Those in the regular system of study complete PSYCH 292 in 2B (winter) and PSYCH 391 in 3A (fall).
5. Those admitted to the co-op system of study complete PSYCH 292 in 3A winter term and PSYCH 391 in the 3B fall term.
6. Advanced Research Methods Courses:
   • Students take one Advanced Research Methods course concurrently with PSYCH 391 and one in the following school term.
   • Typically only one Advanced Research Methods course is offered in the spring term (e.g., PSYCH 394 or PSYCH 398) and priority enrolment that term is given to those in the co-op system of study.
   • Only students who are not doing the honours thesis may substitute one of PSYCH 465 or PSYCH 467 for one of the two Advanced Research Methods course requirements.
7. Regarding the "Social Science" courses for the Bachelor of Arts Breadth Requirements, Psychology majors only require 1.0 academic course unit (two courses) from this area in a discipline(s) other than Psychology.
8. Honours Thesis (PSYCH 499A/PSYCH 499B/PSYCH 499C): The honours thesis (optional, worth 1.5 units) is recommended for Honours Psychology majors who are a) considering graduate or professional programs that may require a completed honours thesis for admission, or b) who have a strong interest in, and commitment to, conducting original research. For those who choose to do an honours thesis, PSYCH 499A/PSYCH 499B/PSYCH 499C will count for three of the "four additional PSYCH courses at the 300-level or above". Please consult the Honours Thesis Handbook for further details regarding PSYCH 499A/PSYCH 499B/PSYCH 499C.
9. Residency Requirements: Students enrolled in academic plans in Psychology must successfully complete at least half of the total number of academic course units required in Psychology for their academic plan from the University of Waterloo with numerical grades. Please refer to the Residency Requirement section for the Faculty of Arts as well as the Department of Psychology policies for further details regarding the residency requirements.
10. If Psychology courses are required for another academic plan(s), please refer to the Faculty of Arts' double-counting regulations for further details.
11. Please refer to the Psychology programs section of the Psychology undergraduate website for further course sequence information and class enrolment instructions.
**Joint Honours Psychology**

A Joint Honours degree allows students to study an Honours Major in two different disciplines. Joint Honours Psychology may be combined with an Honours Arts discipline or with many Honours Majors in other faculties. Refer to the Joint Honours Psychology section on the Psychology undergraduate website to review samples of Joint Honours combinations.

Joint Honours Psychology provides opportunities for in-depth study of psychological theory and research. Courses are available in the following areas: clinical psychology, cognitive neuroscience, cognitive psychology, developmental psychology, industrial/organizational psychology, and social psychology. Third- and fourth-year students have opportunities to study in small groups, to obtain hands-on laboratory training, to enrol in courses where they work one-on-one with faculty members, and to enrol in apprenticeship courses that provide practical field experience in applied settings.

Please refer to the Applying for a Psychology Major section.

Continuation in this academic plan requires a cumulative overall average of 60%, a cumulative Psychology average of 75%, and the minimum Major average requirement for the second Honours Major. Conditional standing may be granted for one academic term to students whose averages fall below these criteria.

Eligibility for graduation in the Joint Honours Psychology academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements for the Home Faculty, including at least 20 academic course units (40 courses). If the Home Faculty is Arts, see Bachelor of Arts Degree Requirements.

2. Psychology Plan-level requirements:
   - at least eight academic course units (16 courses) in Psychology with a minimum cumulative Psychology average of 75%. The Psychology course requirements are the same as those for Honours Psychology except that one of the nine academic course units (i.e., two of the 18 courses) in Psychology will be waived. See the Joint Honours Psychology section on the Psychology undergraduate website for samples of course waivers.

3. Plan-level requirements for the second major.

Notes

1. For Joint Honours Psychology "Departmental" Co-op (first Major must be Psychology), see Honours Psychology Co-op.

2. If Psychology courses are required for another academic plan(s), please refer to the Faculty of Arts’ double-counting regulations for further details.

3. The notes provided for Honours Psychology (Bachelor of Arts) apply to Joint Honours Psychology.

**Honours Psychology (Bachelor of Arts)**

Please refer to the Applying for a Psychology Major section.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Psychology major average of 70%. Conditional standing may be granted for one academic term to students whose averages fall below these criteria. Both regular and co-operative versions of this plan are available.
Eligibility for graduation in the Honours Psychology (Bachelor of Arts) academic plan includes successful completion of the following requirements:

1. **Appropriate Program-level requirements.** See [Bachelor of Arts Degree Requirements](#).
2. **Psychology Plan-level requirements:**
   - a minimum Psychology major average of 70%
   - at least eight academic course units (16 courses) in Psychology, including:
     - PSYCH 101/PSYCH 101R
     - Methodology Core: PSYCH 291, PSYCH 292
     - Discipline Core: PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, PSYCH 261
     - PSYCH 470 or one Research Seminar from PSYCH 420, PSYCH 451, PSYCH 453, PSYCH 454, PSYCH 455, PSYCH 457, PSYCH 458, PSYCH 459, PSYCH 461, PSYCH 462, PSYCH 463, PSYCH 485
   - five additional PSYCH courses at the 300-level or above
   - one additional PSYCH course at any level

**Notes**

1. **Students who have not successfully completed Math 4U (grade 12 university level), or Grade 12 Math course in a province other than Ontario, or an approved equivalent** will be required to take MATH 103 as a corequisite to PSYCH 291. For those required to take MATH 103, it counts as an "unspecified elective" towards the degree requirements.
2. **PSYCH 291 (fall) and PSYCH 292 (winter) must be completed in Year Two. Exception: those admitted to Arts and Business Co-op complete PSYCH 292 in 3A (winter).**
3. **At least five of the six Discipline Core courses must be completed by the end of Year Two. Exception: those admitted to Arts and Business Co-op must complete these courses by 3A winter term.**
4. **PSYCH 391 is a corequisite for enrolment in a Research Seminar.**
5. **Regarding the "Social Science" courses for the Bachelor of Arts Breadth Requirements, Psychology majors only require 1.0 academic course unit (two courses) from this area in a discipline(s) other than Psychology.**
6. **Residency Requirements: Students enrolled in academic plans in Psychology must successfully complete at least half of the total number of academic course units required in Psychology for their academic plan from the University of Waterloo with numerical grades. Refer to the Residency Requirement section for the Faculty of Arts as well as the Department of Psychology policies for further details regarding the residency requirements.**
7. **If Psychology courses are required for another academic plan(s), refer to the Faculty of Arts' double-counting regulations for further details.**
8. **Refer to the Psychology programs section on the Psychology undergraduate website for further course sequence information and class enrolment instructions.**

**Research Intensive Specialization**

Calendar text for new academic plan will be inserted here.

**Co-op**

The program described here is Departmental Co-op, meaning not Arts and Business Co-op.

Honours Psychology Co-op students gain beneficial work experience, perform a wide variety of tasks in numerous sectors, and are valued by their co-op employers and mentors. You will have opportunities to practice skills learned in Psychology courses (e.g., analytic, numeracy, computer, oral and written communication skills) and develop new marketable skills.
Notes
1. Refer to the Psychology Co-op section on the Psychology undergraduate website for further details about the admission requirements and application procedures, and information regarding co-op positions, the requirements for writing work-term reports, the Professional Development (PD) course requirements, etc.
2. Those accepted to co-op will have four work terms. The first work term will be in the spring term following Year Two. The school/work sequence ends with a school term. Co-op fees will be charged for full-time school terms beginning the 2B (year/level) winter school term and ending in term 4B (i.e., Psychology students pay five co-op fee installments).
3. For double Honours Psychology Co-op, the first of the two Honours majors must be Psychology, and the Home Faculty must be Arts (or Science; see Faculty of Science section).

Arts and Business (Co-op and Regular)
Students may combine the Honours Psychology academic plan with Arts and Business. In addition to the Honours Psychology requirements, students must also complete the Arts and Business requirements.

Notes
1. Please refer to the Applying for a Psychology major section.
2. For those interested in the co-op system of study, direct inquiries regarding admission to Honours Arts and Business Co-op to the Arts and Business advisor. Admission to co-op must be no later than the 2A (year/level) fall school term. Those accepted will have five work terms. The first work term (winter) will follow the 2A (year/level) term. The school/work sequence typically ends with a double school term.
3. Refer to the Psychology Co-op section on the Psychology undergraduate website for information regarding co-op positions, the requirements for writing work term reports, the Professional Development (PD) course requirements, etc.

Honours double majors
Honours Psychology may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double majors section of Available Arts Academic Plans.

Notes
1. For double Honours Psychology “Departmental” Co-op (first major must be Psychology), see Honours Psychology Co-op.
2. For further information about double major combinations see the Double majors section of the Psychology Undergraduate website.

1.4 Psychology Minor
Students enrolled in any degree program may pursue a minor designation in Psychology.

The Psychology Minor requires successful completion of a minimum of four academic course units (eight courses) in Psychology with a minimum cumulative average of 65%, including:

- PSYCH 101/PSYCH 101R
- three of PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, PSYCH 261 including at least one of PSYCH 207 or PSYCH 261
- two PSYCH courses at the 300-level or above from the following: PSYCH 306 through PSYCH 380, PSYCH 439
- two additional PSYCH courses at any level
Those pursuing the Psychology Minor should submit a Plan Modification/Application for Internal Transfer Form (see Forms - Enrolment) to the Department of Psychology for approval prior to their final school term.

Notes
1. Residency Requirements: Students enrolled in academic plans in Psychology must successfully complete at least half of the total number of academic course units required in Psychology for their academic plan from the University of Waterloo with numerical grades. Please refer to the Residency Requirement section for the Faculty of Arts as well as the Department of Psychology policies for further details regarding the residency requirements.
2. If Psychology courses are required for another academic plan(s), please refer to the Faculty of Arts' double-counting regulations for further details.

Rationale: The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.3 are a result of applying the previously approved BA templates to the Psychology major plans. Changes of particular note:
- Three-Year General:
  - Increase in the course requirements from 10 to 12.
- Four-Year General:
  - Reduction of the major average from 70% to 65%
  - Increase in the course requirements from 14 to 16
  - Changes to the course requirements to be identical to the Honours plan.
- Honours:
  - Reduction of the major average from 75% to 70%.
  - Decrease in the course requirements from 18 to 16.
  - Adding PSYCH 470 (Applied Psychology) to the list of required courses.
  - Moving three required courses from the Honours base plan to the new Research Intensive Specialization.
- All major plans:
  - Adding PSYCH 238 as a new discipline core course relevant to the Industrial/Organizational area.

The changes demonstrated in motion 1.4 (minor) are a result of updating the minor to reflect the availability of PSYCH 238 as a discipline core course relevant to the Industrial/Organizational area.

2. New Academic Plans [for approval]
Effective date: September 01, 2016

2.1 Research Intensive Specialization
In combination with the Honours Psychology (Bachelor of Arts) plan-level requirements listed above, students interested in pursuing the Research Intensive Specialization will be required to fulfill the following requirements:
- A minimum Psychology major average of 75%.
- Successful completion of four additional courses, for a total of ten academic course units (20 courses) in Psychology:
Notes

1. The Research Intensive Specialization is only open to students majoring in the Honours Psychology (Bachelor of Arts) academic plan.
2. Students must achieve a cumulative major average of at least 75% in all Psychology courses counted towards their Honours Psychology major.
3. Students who have completed courses towards this specialization but are not able to sustain the required 75% major average but are still eligible for Honours standing will normally be allowed to continue in the Honours Psychology major but without the specialization.
4. Conditional standing may be granted for one academic term to students whose averages fall below the required 75% major average.
5. The courses listed within this plan are restricted to Honours Psychology (BA) students who have declared the specialization as well as to Honours Psychology (BSc) students.
6. PSYCH 391 must be completed in 3A (fall). Exception: Those admitted to Arts and Business Co-op complete PSYCH 391 in 3B (fall).
7. Applications for admission should be submitted before the third year to facilitate course enrolment. PSYCH 211, PSYCH 257/PSYCH 257R, and one of PSYCH 238 or PSYCH 253/PSYCH 253R must be completed before taking PSYCH 389 and PSYCH 391. PSYCH 207, PSYCH 211, and PSYCH 261 must be completed before taking PSYCH 390.
8. Advanced Research Methods Courses:
   - Normally, both PSYCH 389 and PSYCH 390 will be completed in Year Three. Exception: those in Arts and Business Co-op take PSYCH 390 in 4A (spring), or 4B (winter) if they have a double work term prior to Year Four.
   - Typically only one section of PSYCH 390 is offered in the spring term and priority enrolment that term is given to those in the co-op system of study.
9. The Honours Thesis (PSYCH 499A/PSYCH 499B/PSYCH 499C) is restricted to Honours Psychology (BA) students who have declared the specialization as well as to Honours Psychology (BSc) students. The honours thesis (optional, worth 1.5 units) is recommended for students who are a) considering graduate or professional programs that may require a completed honours thesis for admission, or b) who have a strong interest in, and commitment to, conducting original research. For those who choose to do an honours thesis, PSYCH 499A/PSYCH 499B/PSYCH 499C will count for three of the "five additional PSYCH courses at the 300-level or above" in the Honours Psychology major requirements. Consult the Honours Thesis Handbook available on the Psychology undergraduate website for further details regarding PSYCH 499A/PSYCH 499B/PSYCH 499C.

Rationale: The courses in the Research Intensive Specialization are designed for qualified students who want to obtain more advanced training in quantitative analysis and research methodologies in psychology. Students who intend to pursue graduate studies in psychology or related fields, or who seek more advanced methodological training for a variety of technical careers will be encouraged to consider this specialization.

3. Calendar Text Changes [for approval]

Effective date: September 01, 2016

3.1 Honours Psychology (Bachelor of Science)

Honours Psychology is also available through the Faculty of Science on both a regular and co-operative basis system of study. The Psychology course and Psychology average requirements for
Honours Psychology (Bachelor of Science) are the same as different from those for Honours Psychology (Bachelor of Arts). For details regarding the other requirements for Honours Psychology (Bachelor of Science), refer to the Psychology section of the Faculty of Science.

If interested in the co-op system of study, see Honours Psychology Co-op.

**Rationale:** The Psychology average and course requirements for the Honours Psychology BSc will no longer be the same as those for the Honours Psychology BA.

### 3.2 Applying for a Psychology Major

Admission to the Psychology Major occurs after Year One. Students may apply for the Psychology Major in March and April of Year One.

Current University of Waterloo students: Please attend the information session for prospective Psychology majors. Refer to the Psychology undergraduate website for the date and time (late February or March).

All applicants to the Psychology Major: See the Psychology undergraduate website for the application documents required, frequently asked questions regarding admission decisions, course offerings by Psychology area, tips regarding course planning and student success, experiences and opportunities for current students, etc.

To be considered for a Psychology Major, students must have completed a minimum of four academic course units (i.e., eight courses) including PSYCH 101/PSYCH 101R and preferably one of PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, or PSYCH 261. Most admission decisions for the Psychology Major are for fall term admission and are normally made after winter term grades are available. For those whose admission decisions are deferred pending spring term grades, admission decisions will be made early September.

The minimum cumulative average requirements for admission to the various Psychology (Bachelor of Arts) academic plans are as follows:

- Three-Year General Psychology: 60% overall and 65% in Psychology.
- Four-Year General Psychology: 60% overall and 70% in Psychology.
- Honours Psychology: 70% overall and 75% in Psychology.
- Honours Psychology "Departmental" Co-op: Refer to Honours Psychology Co-op for details.
- Honours Psychology with Arts and Business: 70% overall, 75% in Psychology, and 70% in the Arts and Business courses. Direct inquiries regarding admission to Arts and Business (Regular or Co-op) to the Arts and Business advisor.
- Joint Honours Psychology: 70% overall, 75% in Psychology, and the average requirement specified for the second major.
- Joint Honours Psychology "Departmental" Co-op (first major must be Psychology): Refer to Honours Psychology Co-op for details.

For those not enrolled in the Faculty of Arts, the minimum cumulative averages required for admission to Joint Honours Psychology are as follows: 60% overall, 75% in Psychology, and the average requirement for the second Honours Major. Refer inquiries regarding admission to the co-op system of study to the academic advisor for the Home Faculty.
For those applying to Honours Psychology, see the following relevant calendar sections (including admission requirements): Regular versus Co-op system of study, Research Intensive Specialization, Arts and Business, double Honours.

Honours Psychology is also available as a Bachelor of Science (BSc) degree. Refer to Honours Psychology (Bachelor of Science) for details.

If you completed a research methods course and/or a statistics course, seek advice at the Psychology Undergraduate Office regarding your degree requirements before the first term of enrolment as a Psychology major.

**Rationale:** Plan standardization requires admission criteria into the major are to match the criteria for continued satisfactory standing in the major.
F. Department: Sexuality, Marriage, and Family Studies

1. Academic Plan Changes [for approval]
   Effective date: September 01, 2016

1.1 Four-Year General Sexuality, Marriage, and Family Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Sexuality, Marriage, and Family Studies major average of 65% in SMF and Sexuality, Marriage, and Family Studies approved courses.

Eligibility for graduation in the Four-Year General Sexuality, Marriage, and Family Studies academic plan includes successful fulfillment completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   o a minimum Sexuality, Marriage, and Family Studies major average of 65%
   o at least nine eight academic course units (18 16 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 68%, including:
     ▪ SMF 101, SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 400
     ▪ one of SMF 204, PSYCH 236
     ▪ one two of SMF 304, SMF 305, SMF 306, SMF 307, SMF 365, SMF 366, SMF 367, PSYCH 354/PSYCH 354R
     ▪ one of SMF 306, SMF 307, SMF 366, PSYCH 354/PSYCH 354R
     ▪ one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319 (see Note 2)
     ▪ eight five additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses, including of which two must be at the 300-level or above:
       ▪ four courses from:
         • any additional SMF courses

Notes
1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317/HIST 317, SMF 318/HIST 318, or SMF 319.
3. No one course may fulfill more than one requirement within any SMF plan.
1.2 Honours Sexuality, Marriage, and Family Studies

Honours Sexuality, Marriage, and Family Studies (Arts and Business Co-op and Regular)

Honours Sexuality, Marriage, and Family Studies double major (formerly “Joint Honours”)

Motion: To amend the academic plan requirements for the Honours Sexuality, Marriage, and Family Studies, the Honours Sexuality, Marriage, and Family Studies (Arts and Business Co-op and Regular), and the Joint Honours Sexuality, Marriage, and Family Studies (now referred to as Honours double majors) plans, and to collapse the calendar text for each plan as described.

Honours Sexuality, Marriage, and Family Studies

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative average of 75% in SMF and Sexuality, Marriage, and Family Studies approved courses.

Eligibility for graduation in the Honours Sexuality, Marriage, and Family Studies academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   - at least ten academic course units (20 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 75%, including:
     - SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 460
     - one of SMF 204, PSYCH 236
     - one of SMF 304, SMF 305, SMF 365
     - one of SMF 306, SMF 307, SMF 366, PSYCH 354/PSYCH 354R
     - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319 (see Note 2)
     - one of SMF 461, SMF 462
     - one of SMF 490, SMF 494, SMF 496, SMF 498
     - six additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses, including two at the 300 level or above:

Notes

1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.

2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317/HIST 317, SMF 318/HIST 318, or SMF 319.

3. SMF 460 and SMF 461 include both a weekly seminar component and weekly practicum placement.

4. No one course may fulfill more than one requirement within any SMF plan.

Honours Sexuality, Marriage, and Family Studies (Arts and Business Co-op and Regular)

Students may combine the Honours Sexuality, Marriage, and Family Studies academic plan with Arts and Business.
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative average of 75% in SMF and Sexuality, Marriage, and Family Studies approved courses.

Eligibility for graduation in the Honours Sexuality, Marriage, and Family Studies (Arts and Business Co-op and Regular) academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   - at least eight academic course units (16 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 75%, including:
     - SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 460
     - one of SMF 204, PSYCH 236
     - one of SMF 304, SMF 305, SMF 365
     - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319 (see Note 2)
     - one of SMF 461, SMF 462
     - one of SMF 490, SMF 494, SMF 496, SMF 498
     - two additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses:
       - one of ENGL 108E/WS 108E, ENGL 208C, ENGL 208E/AWS 208E, ENGL 208N, ENGL 217, HIST 213, HIST 277, HIST 313, ITALST 111, JS 120/RS 111, PHIL 201, PHIL 202/AWS 222, PHIL 210J, PHIL 219J, PHIL 318J, RS 150, RS 180, RS 254, RS 324, RS 325/AWS 320

3. Arts and Business requirements.

Notes

1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317/HIST 317, SMF 318/HIST 318, or SMF 319.
3. SMF 460 and SMF 461 include both a weekly seminar component and weekly practicum placement. Students in the Arts and Business Co-op plan are encouraged to discuss the timing of SMF 460 with the SMF academic advisor.
4. No one course may fulfill more than one requirement within any SMF plan.

Joint Honours Sexuality, Marriage, and Family Studies

A Joint Honours academic plan with Sexuality, Marriage, and Family Studies may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative average of 75% in SMF and Sexuality, Marriage, and Family Studies approved courses.

Eligibility for graduation in the Joint Honours Sexuality, Marriage, and Family Studies academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements for the Home Faculty, including at least 20 academic course units (40 courses). If the Home Faculty is Arts, see Bachelor of Arts Degree Requirements. Note: In practice, depending on the number of courses required by the
second discipline (i.e., overall and for the major) and the number of electives that students choose to take, more than 40 courses may be necessary for graduation.

2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   - at least eight academic course units (16 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 75%, including:
     - one of SMF 204, PSYCH 236
     - one of SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 460
     - one of SMF 304, SMF 305, SMF 365
     - one of SMF 306, SMF 307, SMF 366, PSYCH 354/PSYCH 354R
     - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319 (see Note 2)
     - one of SMF 461, SMF 462
     - one of SMF 490, SMF 494, SMF 496, SMF 498
     - two additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses:

3. Plan-level requirements for the second major.

Notes
1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317/HIST 317, SMF 318/HIST 318, or SMF 319.
3. SMF 460 and SMF 461 include both a weekly seminar component and weekly practicum placement. Students in arts departmental co-op and joint honours plans are encouraged to discuss the timing of SMF 460 with the SMF academic advisor.
4. No one course may fulfill more than one requirement within any SMF plan.

Honours Sexuality, Marriage, and Family Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Sexuality, Marriage, and Family Studies major average of 70%.

Eligibility for graduation in the Honours Sexuality, Marriage, and Family Studies academic plan includes successful completion of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   - a minimum Sexuality, Marriage, and Family Studies major average of 70%
   - at least eight academic course units (16 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses, including:
     - SMF 101, SMF 205, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 400
     - one of SMF 204, PSYCH 236
     - two of SMF 304, SMF 305, SMF 306, SMF 307, SMF 365, SMF 366, SMF 367, PSYCH 354/PSYCH 354R
     - five additional courses, of which two must be at the 300-level or above:
- four courses from:
  - any additional SMF courses

Notes
1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.
2. No one course may fulfill more than one requirement within any SMF plan.

Arts and Business (Co-op and Regular)
Students may combine the Honours Sexuality, Marriage, and Family Studies academic plan with Arts and Business. In addition to the Honours Sexuality, Marriage, and Family Studies requirements, students must also complete the Arts and Business requirements.

Honours double majors
Honours Sexuality, Marriage, and Family Studies may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double majors section of Available Arts Academic Plans.

Human Services Practicum Specialization
Calendar text for new academic plan will be inserted here.

Intensive Research Specialization
Calendar text for new academic plan will be inserted here.

1.3 Sexuality, Marriage, and Family Studies Minor
Students enrolled in any degree program may pursue a minor designation in Sexuality, Marriage, and Family Studies.

The Sexuality, Marriage, and Family Studies Minor requires successful completion of a minimum of four academic course units (eight courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 65%, including:
- SMF 101, 206, SMF 207, SMF 310
- one of SMF 204, PSYCH 236
- one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319 (see Note 2)
- one of SMF 304, SMF 305, SMF 306, SMF 307, SMF 365, SMF 366, SMF 367, PSYCH 354/PSYCH 354R
- three additional courses from the following SMF and Sexuality, Marriage, and Family Studies approved courses, including, of which one must be at the 300-level or above:
two courses from:

- any additional SMF courses

Notes
1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317/HIST 317, SMF 318/HIST 318, or SMF 319.
3. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.

1.4 Diploma in Sexuality, Marriage, and Family Studies

Students enrolled in any non- or post-degree academic plan may pursue the Diploma in Sexuality, Marriage, and Family Studies.

The Diploma in Sexuality, Marriage, and Family Studies requires successful completion of a minimum of five academic course units (ten courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 65%, including:

- SMF 206, SMF 101, SMF 310
- one of SMF 204, PSYCH 236
- one of SMF 205, SMF 207
- two of SMF 304, SMF 305, SMF 306, SMF 307, SMF 365, SMF 366, SMF 367, PSYCH 354/PSYCH 354R
- one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319 (see Note 2)
- three four additional courses from the balance of those courses listed above and the following SMF and Sexuality, Marriage, and Family Studies approved courses, of which one must be at the 300-level or above:
  - three courses from:
    - any additional SMF courses

Notes
1. Students are encouraged to make note of course prerequisites and discuss their Sexuality, Marriage, and Family Studies (SMF) plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317/HIST 317, SMF 318/HIST 318, or SMF 319.

3. The SMF Diploma is intended to be pursued on a part-time basis with limited online course offerings.

4. No one course may fulfill more than one requirement within any SMF plan.

**Rationale:** The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.2 are a result of applying the previously approved BA templates to the Sexuality, Marriage, and Family Studies major plans. Changes of particular note:

- **Four-Year General:**
  - Decrease of the major course requirements from 18 to 16.
  - Changes to the course requirements to be identical to the Honours plan.
- **Honours:**
  - Reduction of the major average from 75% to 70%.
  - Decrease of the major course requirements from 20 to 16.
- **All plans, including the Minor and Diploma:**
  - Changes to List of approved courses:
    - Adding some cross-listing information
    - Removed inactivated courses: RS 324

**2. New Academic Plans [for approval]**

**Effective date:** September 01, 2016

**2.1 Human Services Practicum Specialization**

In combination with the Honours Sexuality, Marriage, and Family Studies plan-level requirements listed above, students interested in pursuing the Human Services Practicum Specialization will be required to fulfill the following requirements:

- A minimum Sexuality, Marriage, and Family Studies major average of 75%.
- Successful completion of four additional courses, for a total of 10.5 academic course units (20 courses) in Sexuality, Marriage, and Family Studies:
  - one of SMF 494, SMF 496, SMF 498
  - one additional SMF course at the 300-level
  - SMF 490, SMF 491 (each 0.75 units)

**Notes**

1. The Human Services Practicum Specialization is only open to students majoring in the Honours Sexuality, Marriage, and Family Studies academic plan.
2. SMF 490 and SMF 491 include both a weekly seminar component (three hours) and a weekly unpaid practicum placement (15 hours).
3. Students may be required to compete against students from this and other institutions for placements; community agencies reserve the right to interview student candidates and select successful candidate(s) for the position(s).
4. Students must achieve a cumulative major average of at least 75% in all SMF and Sexuality, Marriage, and Family Studies approved courses counted towards their Honours Sexuality, Marriage, and Family Studies major.
5. Students who have completed courses towards this specialization but are not able to sustain the required 75% major average but are still eligible for Honours standing will normally be
allowed to continue in the Honours Sexuality, Marriage, and Family Studies major but without the specialization.

6. Students may enroll in either the Human Services Practicum Specialization or the Intensive Research Specialization, but not both. However, students who choose the Human Services Practicum Specialization may also apply to enroll in the SMF thesis courses.

Rationale: The Human Services Practicum Specialization provides an opportunity for students to engage in a “paraprofessional” work experience in a human services field. The specialization requires self-directed learning, excellent time-management skills, and professionalism. It allows students to put their SMF learning experiences into practice via a practicum (experiential learning) experience. This intensive specialization practicum prepares students for fields of work or study that SMF graduates typically pursue (graduate work in clinical fields or direct human services work), so the Intensive Specialization is intended to help prepare them for the working world or graduate training.

2.2 Intensive Research Specialization

In combination with the Honours Sexuality, Marriage, and Family Studies plan-level requirements listed above, students interested in pursuing the Intensive Research Specialization will be required to fulfill the following requirements:

- A minimum Sexuality, Marriage, and Family Studies major average of 75%.
- Successful completion of four additional courses, for a total of 10.5 academic course units (20 courses) in Sexuality, Marriage, and Family Studies:
  - one of SMF 494, SMF 496, SMF 498
  - one additional SMF course at the 300-level
  - SMF 499A, SMF 499B (each 0.75 units)

Notes

1. The Intensive Research Specialization is only open to students majoring in the Honours Sexuality, Marriage, and Family Studies academic plan.
2. Students must achieve a cumulative major average of at least 75% in all SMF and Sexuality, Marriage, and Family Studies approved courses counted towards their Honours Sexuality, Marriage, and Family Studies major.
3. Students who have completed courses towards this specialization but are not able to sustain the required 75% major average but are still eligible for Honours standing will normally be allowed to continue in the Honours Sexuality, Marriage, and Family Studies major but without the specialization.
4. Students may enroll in either the Human Services Practicum Specialization or the Intensive Research Specialization, but not both.

Rationale: The Intensive Research Specialization is an intensive specialization that enables students to pursue a research focus. It requires self-directed learning, excellent time-management skills, and a participation in a professional conference experience (via the SMF Symposium). The intensive specialization allows students to put their SMF learning experiences into practice via research. This specialization is intended to help prepare students for pursuing graduate studies or research work.

2.3 Counselling Specialization

The Counselling Specialization is open to all students majoring in Sexuality, Marriage, and Family Studies.

The Counselling Specialization requires successful completion of four courses:

- SMF 208 – Introduction to Systemic Therapies and Anti-Oppressive Practices
- SMF 301 – Communication and Counselling Skills
- SMF 308 – Couple and Family Therapy
• SMF 309 – Sex Therapy

Rationale: This topic specialization will allow students to focus on the counselling or therapy stream of courses already part of the SMF course offerings. This focus is an important aspect of working in the human services field, and provides a particularly useful foundation for graduate work in clinical programs (such as Social Work or Couple & Family Therapy). Note: the course titles appear in this report to inform the curricular committees of the content of this new plan during the approval stages but will not appear in the published Undergraduate Calendar.

3. Academic Plan Inactivations [for approval]
Effective date: September 01, 2016

3.1 Three-Year General Sexuality, Marriage, and Family Studies

Rationale: We are inactivating the three-year general plan because it has tended to be a “fall back” plan, with most students starting off in Honours or the four-year general plan. Since 2005, only 1 to 5 students per year have graduated with a three-year general SMF degree. Since students can now add minors to a Liberal Studies degree (since 2012), this allows students who wish to pursue a three-year degree the option/flexibility to add an SMF minor (rather than pursuing a three-year degree in SMF directly).
G. Department: Social Development Studies

1. Academic Plan Changes [for approval]
   Effective date: September 01, 2016

1.1 Three-Year General Social Development Studies
   Continuation in this academic plan requires a cumulative overall average of 60% and a minimum cumulative Social Development Studies major average of 65%.

Eligibility for graduation in the Three-Year General Social Development Studies academic plan includes successful fulfillment completion of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Social Development Studies Plan-level requirements:
   o a minimum Social Development Studies major average of 65%
   o at least seven six academic course units (14 12 courses) must be in SDS and Social Development Studies approved courses with a minimum cumulative average of 65%, including:
     ▪ SDS 131R, SDS 150R, SDS 250R, SDS 251R
     ▪ PSYCH 101R/PSYCH 101, PSYCH 253R/PSYCH 253
     ▪ SOC 101R/SOC 101
     ▪ SOCWK 120R
     o six four additional courses at the 200-level or above, two of which must be in SDS, including at least one course from three of the four subject areas from the courses listed below:

Notes
1. Courses transferred from other institutions without a specific course equivalency to one of the courses in the four disciplines above cannot be counted towards the Social Development Studies plan-level requirements.
2. For further information regarding any of the academic plans, consult the Department of Social Development Studies at Registrar's Office, Renison University College (sds@uwaterloo.ca), Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.
3. For updated information on special topic courses, visit the Social Development Studies website.
1.2 Four-Year General Social Development Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a minimum cumulative Social Development Studies major average of 65%.

Eligibility for graduation in the Four-Year General Social Development Studies academic plan includes successful fulfillment completion of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Social Development Studies Plan-level requirements:
   o a minimum Social Development Studies major average of 65%
   o at least nine eight academic course units (18 16 courses) must be in SDS and Social Development Studies approved courses with a minimum cumulative average of 65%, including:
     ▪ SDS 131R, SDS 150R, SDS 250R, SDS 251R
     ▪ PSYCH 101R/PSYCH 101, PSYCH 253R/PSYCH 253
     ▪ SOC 101R/SOC 101
     ▪ SOCWK 120R
     ▪ ten eight additional courses at the 200-level or above, three of which must be in SDS, and three of which must be at the 400-level, from the courses including at least one course from each of the four subject areas listed below:

Notes
1. Courses transferred from other institutions without a specific course equivalency to one of the courses in the four disciplines above cannot be counted towards the Social Development Studies plan-level requirements.
2. For further information regarding any of the academic plans, consult the Department of Social Development Studies at Registrar’s Office, Renison University College (sds@uwaterloo.ca), Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.
3. For updated information on special topic courses, visit the Social Development Studies website.

1.3 Honours Social Development Studies
Honours Social Development Studies (Arts and Business Co-op and Regular)
Honours Social Development Studies double major (formerly “Joint Honours”)
Motion: To amend the academic plan requirements for the Honours Social Development Studies, the Honours Social Development Studies (Arts and Business Co-op and Regular), and the Joint Honours Social Development Studies (now referred to as Honours double majors) plans, and to collapse the calendar text for each plan as described.

Honours Social Development Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a minimum cumulative Social Development Studies average of 75%.

Eligibility for graduation in the Honours Social Development Studies academic plan includes successful fulfillment of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Social Development Studies Plan-level requirements:
   i. at least ten academic course units (20 courses) must be in Social Development Studies with a minimum cumulative average of 75%, including:
      • SDS 131R, SDS 150R, SDS 250R, SDS 251R
      • PSYCH 101R/PSYCH 101, PSYCH 253R/PSYCH 253
      • SOC 101R/SOC 101
      • SOCWK 120R
   ii. 12 courses at the 200-level or above, including at least one course from each of the four subject areas listed below. At least three courses must be at the 400-level:

Notes
1. For further information regarding any of the academic plans, consult the Registrar’s Office, Renison University College, Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.
2. For updated information on special topic courses and fourth-year seminars, visit the Social Development Studies website.

Honours Social Development Studies (Arts and Business Co-op and Regular)
Students may combine the Honours Social Development Studies academic plan with Arts and Business.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Social Development Studies average of at least 75%.
Eligibility for graduation in the Honours Social Development Studies (Arts and Business Co-op and Regular) academic plan typically includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Social Development Studies Plan-level requirements:
   - at least eight academic course units (16 courses) must be in Social Development Studies with a minimum cumulative average of 75%, including:
     - SDS 131R, SDS 150R, SDS 250R, SDS 251R
     - PSYCH 101R/PSYCH 101, PSYCH 253R/PSYCH 253
     - SOC 101R/SOC 101
     - SOCWK 120R
     - eight courses at the 200-level or above, including at least one course in three of the four different subject areas listed below. At least three courses must be at the 400-level:

3. Arts and Business requirements.

Notes
1. For further information regarding any of the academic plans, consult the Registrar’s Office, Renison University College, Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.
2. For updated information on special topic courses and fourth-year seminars, visit the Social Development Studies website.

Joint Honours Social Development Studies

A Joint Honours academic plan with Social Development Studies may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Social Development Studies average of at least 75%.

Eligibility for graduation in the Joint Honours Social Development Studies academic plan typically includes successful fulfillment of the following requirements (variations may occur depending on the other discipline being considered):

1. Appropriate Program-level requirements for the Home Faculty, including at least 20 academic course units (40 courses). If the Home Faculty is Arts, see Bachelor of Arts Degree Requirements.
2. Social Development Studies Plan-level requirements:
   - at least eight academic course units (16 courses) must be in Social Development Studies with a minimum cumulative average of 75%, including:
     - SDS 131R, SDS 150R, SDS 250R, SDS 251R
     - PSYCH 101R/PSYCH 101, PSYCH 253R/PSYCH 253
     - SOC 101R/SOC 101
     - SOCWK 120R
   - eight courses at the 200-level or above, including at least one course in three of the four different subject areas listed below. At least three courses must be at the 400-level:

3. Plan-level requirements for the second major.

Notes
1. The total number of courses required for a Joint Honours academic plan will vary according to the number of courses required for the major being combined with Social Development Studies.
2. Course selection for a Joint Honours academic plan with Social Development Studies should only be made after consultation with your Renison University College academic advisor.
3. Subject to approval by both departments, the equivalent courses to SDS 250R and SDS 251R may be taken in the other discipline. If such replacement is approved, the 16 Social Development Studies course minimum will be waived; students will need to take 14 Social Development Studies courses plus the alternate Statistics and Research Methods courses in the other discipline.
4. For further information regarding any of the academic plans, consult the Registrar's Office, Renison University College, Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.
5. For updated information on special topic courses and fourth-year seminars, visit the Social Development Studies website.

Honours Social Development Studies
Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Social Development Studies major average of 70%.

Eligibility for graduation in the Honours Social Development Studies academic plan includes successful completion of the following requirements:
1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.

2. Social Development Studies Plan-level requirements:
   - a minimum Social Development Studies major average of 70%
   - at least eight academic course units (16 courses) in SDS and Social Development Studies approved courses, including:
     - SDS 131R, SDS 150R, SDS 250R, SDS 251R
     - PSYCH 101R/PSYCH 101, PSYCH 253R/PSYCH 253
     - SOC 101R/SOC 101
     - SOCWK 120R
     - eight additional courses at the 200-level or above, three of which must be in SDS, and three of which must be at the 400-level, from the courses listed below:
       - Social Development Studies: any SDS course
       - Social Work: any SOCWK course

Notes
1. Courses transferred from other institutions without a specific course equivalency to one of the courses in the four disciplines above cannot be counted towards the Social Development Studies plan-level requirements.
2. For further information regarding any of the academic plans, consult the Department of Social Development Studies at Renison University College (sds@uwaterloo.ca).
3. For updated information on special topic courses, visit the Social Development Studies website.

Arts and Business (Co-op and Regular)
Students may combine the Honours Social Development Studies academic plan with Arts and Business. In addition to the Honours Social Development Studies requirements, students must also complete the Arts and Business requirements.

Honours double majors
Honours Social Development Studies may be taken in combination with most Arts disciplines in which an Honours academic plan is offered or with many Honours majors in other faculties. For further information, see the Double majors section of Available Arts Academic Plans.

Subject to approval by both departments, the equivalent courses to SDS 250R and SDS 251R may be taken in the other discipline. If such replacement is approved, the 16 Social Development Studies course minimum will be waived; students will need to take 14 Social Development Studies courses plus the alternate Statistics and Research Methods courses in the other discipline.

1.4 Cultural Diversity Specialization
Education Specialization
Individual Well-Being and Development Specialization
Social Policy and Social Action Specialization
Social Work Specialization
Motion: To allow general Social Development Studies students access to the four existing honours-only specializations (first four in the list), to rename the Social Policy Specialization to Social Policy and Social Action Specialization, and to collapse the calendar text for each plan as described.

Honours Social Development Studies — Cultural Diversity Specialization
The Cultural Diversity Specialization allows Honours Social Development Studies students to develop a concentration of courses related to cultural diversity and social development that will be noted on their transcript. It is designed for students interested in developing knowledge and skills that help them to understand and work with people from diverse cultural backgrounds both within Canada and internationally. Open to any student in good standing completing an Honours degree in Social Development Studies.

Requirements
The Cultural Diversity Specialization requires successful completion of a minimum of 3.5 academic course units (seven courses) including:

- at least three of:
  - PACS 327
  - PSYCH 349R
  - SDS 311R/LS 373, SDS 370R, SDS 388R
  - SOCWK 301R, SOCWK 322R
  - SPCOM 226

- at least two of:
  - PSYCH 449R
  - SDS 405R, SDS 450R, SDS 490R, SDS 495R, SDS 496R, SDS 499A, SDS 499B
  - Note: Students in the honours seminar, apprenticeship courses, and senior honours essay/thesis must select topics related to cultural diversity.

- and the remaining courses from:
  - ANTH 233
  - APPLS 301
  - CHINA 272R
  - EASIA 201R, EASIA 220R, EASIA 301R
  - ENGL 108B, ENGL 208L, ENGL 318
  - FR 292 or FR 297
  - GER 100, GER 272, GER 385/REES 385
  - HIST 221, HIST 224, HIST 321/LS 331, HIST 351
  - ITALST 270, ITALST 271, ITALST 292
  - JAPAN 272R
  - KOREA 272R
  - REES 272, REES 274
  - RS 220
  - SI 121R, SI 221R, SI 315R, SI 390R
  - SOC 256
  - SPAN 217, SPAN 218
  - WS 202

Notes
1. Honours Social Development Studies students may select only one Honours specialization.
2. All courses taken towards the Cultural Diversity Specialization as listed above will count towards the student’s Social Development Studies major average. If achievement in the non-major courses causes a drop below the major average requirements, students will normally be allowed to continue in the Social Development Studies major but without the specialization.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

**Honours Social Development Studies — Education Specialization**

The Education Specialization allows Honours Social Development Studies students to develop a concentration of courses related to studies in education that will be noted on their transcript. It is designed for students interested in professions within the private and public sectors and in graduate studies that focus on teaching and learning, children and youth, program development and evaluation, and policy analysis. Open to any student in good standing completing an Honours degree in Social Development Studies.

**Requirements**

The Education Specialization requires successful completion of a minimum of 3.5 academic course units (seven courses) with a minimum cumulative average of 75%, including:

- **at least two of:**
  - PSYCH 212/PSYCH 212R
  - SDS 205R/HIST 225, SDS 210R/LS 273, SDS 220R
  - SOC 207R/SOC 207

- **at least two of:**
  - **Note:** Students in the honours seminar, apprenticeship courses and senior honours essay/thesis must select topics related to education.

- **at least one of:**
  - PACS 314
  - PHIL 311
  - PSYCH 213R, PSYCH 312/PSYCH 312R, PSYCH 315
  - SDS 215R
  - SOC 204R, SOC 307

- **and the remaining courses from:**
  - APPLS 301, APPLS 304R
  - ENGL 208C, ENGL 217
  - FR 484
  - PSYCH 317, PSYCH 319
  - SDS 370R
  - SOC 416
  - SOCWK 301R, SOCWK 355R

**Notes**

1. Honours Social Development Studies students may select only one Honours specialization.
2. All courses taken towards the Education Specialization as listed above will count towards the student’s Social Development Studies major average. If achievement in the non-major courses causes a drop below the major average requirements, students will normally be allowed to continue in the Social Development Studies major but without the specialization.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

**Honours Social Development Studies — Individual Well-Being and Development Specialization**

The Individual Well-Being and Development (IWD) Specialization allows Honours Social Development Studies students to develop a concentration of courses in individual human development that will be noted on their transcript. In addition to the benefits to their own personal development, students taking the specialization will be well-prepared for careers in areas such as
life coaching and training, leadership development, and human resources. Open to any student in

good standing completing an Honours degree in Social Development Studies.

Requirements
The IWD Specialization requires successful completion of a minimum of 3.5 academic course units
(seven courses) with a minimum cumulative average of 75%, including:

- at least three of:
  - SDS 350R, SDS 355R
  - SOCWK 220R, SOCWK 321R

- at least two of:
  - PSYCH 448R, PSYCH 450R
  - SDS 440R, SDS 490R, SDS 495R, SDS 496R, SDS 499A, SDS 499B
  - Note: Students in the honours seminar, apprenticeship courses and senior honours
    essay/thesis must select topics related to individual well-being.

- and the remaining courses from:
  - GERON 201/HLTH 201, GERON 352/HLTH 352/KIN 352/REC 362/SOC 352
  - PACS 202/LS 271, PACS 323/LS 319
  - PHIL 201, PHIL 202/WS 222, PHIL 220
  - PSYCH 318
  - REC 205
  - SMF 206, SMF 306
  - SOC 200, SOC 204R

Notes
1. Honours Social Development Studies students may select only one Honours specialization.
2. All courses taken towards the Individual Well-Being and Development Specialization as
   listed above will count towards the student’s Social Development Studies major average. If
   achievement in the non-major courses causes a drop below the major average
   requirements, students will normally be allowed to continue in the Social Development
   Studies major but without the specialization.
3. Other courses may be considered as approved upon written request to, and written
   confirmation from, the Chair of Social Development Studies.

Honours Social Development Studies – Social Policy Specialization
The Social Policy Specialization allows Honours Social Development Studies students to develop a
concentration of courses in social policy that will be noted on their transcript. It is designed for
students with career interests in law, global governance, human rights, health, housing,
environment, and public service. Open to any student in good standing completing an Honours
degree in Social Development Studies.

Requirements
The Social Policy Specialization requires successful completion of a minimum of 3.5 academic course
units (seven courses) with a minimum cumulative average of 75%, including:

- at least three of:
  - PSCI 260/LS 206
  - SDS 210R/LS 273, SDS 231R, SDS 311R/LS 373, SDS 312R, SDS 331R, SDS 388R
  - SOCWK 300R

- at least two of:
  - SOC 450R
  - SOCWK 450R
  - Note: Students in the honours seminar, apprenticeship courses, and senior honours
    essay/thesis must select topics related to social policy.
and the remaining courses from:
- HIST 389
- HLTH 260, HLTH 410
- INDEV 302
- PHIL 216, PHIL 328/LS 352
- PLAN 340, PLAN 431
- PSCI 281, PSCI 282, PSCI 334, PSCI 382, PSCI 389/LS 366, PSCI 431, PSCI 439, PSCI 472
- SOC 224R

Notes
1. Honours Social Development Studies students may select only one Honours specialization.
2. All courses taken towards the Social Policy Specialization as listed above will count towards the student's Social Development Studies major average. If achievement in the non-major courses causes a drop below the major average requirements, students will normally be allowed to continue in the Social Development Studies major but without the specialization.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

Social Development Studies — Social Work Specialization
The Social Work Specialization allows Social Development Studies students in good standing to develop a concentration of courses related to studies in social work that will be noted on their transcript. It is designed for students interested in social work, and includes many of the prerequisite courses that will prepare students who plan to apply to the Bachelor of Social Work program at Renison. Honours students may combine this specialization with one of the other Honours specializations. Open to any student with a major in Social Development Studies.

Requirements
The Social Work Specialization requires successful completion of a minimum of 3.5 academic course units (seven courses), including:
- one of SOCWK 301R, PSYCH 349R, SDS 311R/LS 373
- one of SOC 224R, SDS 312R

Notes
1. Students are strongly encouraged to take courses at the level that corresponds to their year in Arts (i.e., 2A/B students take 200-level courses).
2. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.
3. For students completing the Honours degree in Social Development Studies, this specialization may be combined with any one of the Honours specializations available.

Specializations in Social Development Studies (Calendar page title)
The following specializations are open to all students majoring in Social Development Studies.

Cultural Diversity Specialization
The Cultural Diversity Specialization allows students to develop a concentration of courses related to cultural diversity and social development that will be noted on their transcripts. It is designed for students interested in developing knowledge and skills that help them to understand and work with people from diverse backgrounds both within Canada and internationally.

Requirements
The Cultural Diversity Specialization requires successful completion of six courses:
- at least four of:
• remaining courses from the courses above or the following courses:
  • ANTH 233
  • APPLS 301/GER 301
  • ENGL 108B, ENGL 208L, ENGL 318
  • FR 292 or FR 297
  • GER 100, GER 272, GER 385/REES 385
  • HIST 221, HIST 224, HIST 321/LS 331, HIST 351
  • ITALST 270, ITALST 271, ITALST 292
  • REES 272, REES 274
  • RS 220
  • SI 121R, SI 221R, SI 315R, SI 390R
  • SOC 256
  • SPAN 217, SPAN 218
  • WS 202

**Education Specialization**

The Education Specialization allows students to develop a concentration of courses related to studies in education that will be noted on their transcripts. It is designed for students interested in professions within the private and public sectors and in graduate studies that focus on teaching and learning, children and youth, program development and evaluation, and policy analysis.

**Requirements**

The Education Specialization requires successful completion of six courses:

• at least five of:
  • PSYCH 212/PSYCH 212R, PSYCH 213R, PSYCH 312/PSYCH 312R
  • SOC 204R, SOC 207R/SOC 207

• remaining course from the courses above or the following courses:
  • APPLS 304R
  • ENGL 208C, ENGL 217
  • FR 484
  • PACS 314
  • PHIL 311
  • PSYCH 211, PSYCH 315, PSYCH 317, PSYCH 319, PSYCH 444R
  • SOC 307, SOC 416
  • SOCWK 355R

**Individual Well-Being and Development Specialization**

The Individual Well-Being and Development (IWD) Specialization allows students to develop a concentration of courses in individual human development that will be noted on their transcripts. In addition to the benefits to their own personal development, students taking the specialization will be well-prepared for careers in areas such as life coaching and training, leadership development, and human resources.

**Requirements**
The IWD Specialization requires successful completion of six courses:

- at least four of:
  - SOCWK 220R, SOCWK 321R
- remaining courses from the courses above or the following courses:
  - GERON 201/HLTH 201, GERON 352/HLTH 352/KIN 352/REC 362/SOC 352
  - PACS 202/LS 271, PACS 323/LS 319
  - PHIL 201, PHIL 202/WS 222, PHIL 220
  - PSYCH 318
  - REC 205
  - SMF 101, SMF 306
  - SOC 200, SOC 204R

Social Policy and Social Action Specialization

The Social Policy and Social Action Specialization allows students to develop a concentration of courses in social policy and social action that will be noted on their transcripts. It is designed for students interested in careers in public service or civil society organizations in areas such as community organization, law, global governance, human rights, health, housing, and the environment.

Requirements

The Social Policy and Social Action Specialization requires successful completion of six courses:

- at least four of:
  - SOCWK 222R, SOCWK 300R, SOCWK 322R, SOCWK 450R
  - SOC 224R, SOC 450R
- remaining courses from the courses above or the following courses:
  - HIST 389
  - HLTH 260, HLTH 410
  - INDEV 302
  - PHIL 216, PHIL 328/LS 352
  - PLAN 340, PLAN 431
  - PSYCH 444R

Notes

1. All courses, as listed within each of the above specializations, taken towards the specialization will count towards the student’s Social Development Studies major average. If achievement in the non-major courses causes a drop below the major average requirements, students will normally be allowed to continue in the Social Development Studies major but without the specialization.
2. Topics studied in the senior seminar, apprenticeship courses, special studies, and senior essay/thesis must be related to the specialization and be approved by the Department Chair.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.
Social Work Specialization

The Social Work Specialization allows students to develop a concentration of courses related to studies in social work that will be noted on their transcripts. It is designed for students interested in social work, and includes many of the prerequisite courses that will prepare students who plan to apply to the Bachelor of Social Work program at Renison University College.

Requirements

The Social Work Specialization requires successful completion of five courses:


Notes

1. The Social Work Specialization does not include all of the prerequisite courses required for application to the Bachelor of Social Work program at Renison University College. Students should contact the School of Social Work, the Renison Admissions Officer, or an academic advisor for guidance on the remaining required courses.

2. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

1.5 Social Development Studies Minor

Students enrolled in any degree program may pursue a minor designation in Social Development Studies.

A Social Development Studies Minor requires successful completion of a minimum of four academic course units (eight courses) in SDS and Social Development Studies approved courses with a minimum cumulative average of 65%, including:

- SDS 131R, SDS 150R
- SOCWK 120R
- five additional courses at the 200-level or above, including at least two of which must be in SDS courses in each of two different subject areas from the courses listed below:

Notes

1. Courses transferred from other institutions without a specific course equivalency to one of the courses in the four disciplines above cannot be counted towards the Social Development Studies Minor.

2. Course selection should be made only after consultation with your Social Development Studies Renison University College academic advisor.
3. For students in minor academic plans who do not have at least one course in statistics and one course in research, and especially those considering graduate studies in Social Work, SDS 250R and SDS 251R are strongly recommended.

4. For further information regarding any of the academic plans, consult the Department of Social Development Studies at Registrar’s Office, Renison University College (sds@uwaterloo.ca), 7 Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.

5. For updated information on special topic courses and fourth-year seminars, visit the Social Development Studies website.

Rationale: The Faculty of Arts has undertaken standardizing plan requirements for all BA academic plans within departments, as well as plan requirements between departments. For the Honours major, the collapsed text aims to simplify the navigation within the UG Calendar and to remove redundant text.

The changes demonstrated in motions 1.1 to 1.4 are a result of applying the previously approved BA templates to the Social Development Studies major plans. In addition to the reduction in total number of courses resulting from plan standardization, plan elective requirements have been restructured to equip students with a stronger interdisciplinary foundation in SDS-rubric courses, while allowing more flexibility to take the remainder of their plan electives in any of the 4 disciplines. The disciplinary spread will still be captured through the required SDS courses as well as the additional requirement of SDS electives that have been added to the plans. Changes of particular note:

- **Three-Year General:**
  - Reduction of the major course requirements from 14 to 12.

- **Four-Year General:**
  - Decrease of the major course requirements from 18 to 16.
  - Changes to the course requirements to be identical to the Honours plan

- **Honours:**
  - Reduction of the major average from 75% to 70%.
  - Decrease of the major course requirements from 20 to 16.

- **All major plans:**
  - In order to increase flexibility in creating and inactivating SDS and SOCWK-labelled courses, the lists of SDS and SOCWK rubric courses have been replaced by a link to the listing of all respective course description.
    - Due to this change, a note is being added that excludes unspecified transfer credits (1XX, 2XX, 3XX, 4XX) from being used towards the 16 major requirements, which is the current practice.
  - Notes have been streamlined and updated.
  - Opening up the electives to any of the four disciplines (previously at least 1 from each discipline)

- **Specializations:**
  - Opening up the existing Honours only specializations to all General Social Development Studies students
  - Decrease of the course requirements from 7 to 6
  - Courses have been regrouped within each specialization to adhere to plan standardization rules regarding the accessibility of courses to all students.
  - Cultural Diversity Specialization:
    - Addition of PSYCH 444R, SDS 449R, GER 301 (new cross-list to APPLS 301)
    - Removal of PSYCH 449R
    - Replaced CHINA 272R, JAPAN 272R, KOREA 272R with their new numbers EASIA 202R, EASIA 203R, EASIA 204R respectively
  - Education Specialization:
    - Addition PSYCH 211, PSYCH 444R
- Removal of APPLS 301, SDS 370R, SOCWK 301R
  - Individual Well-Being and Development Specialization:
    - Addition of PSYCH 444R
    - SMF 206 is being renumbered to SMF 101
  - Social Policy and Social Action Specialization:
    - The Social Policy Specialization is being renamed to Social Policy and Social Action Specialization: The Department of Social Development Studies wishes to expand what was previously called a specialization in Social Policy to include other aspects of social action related to the pursuit of well-being at a community and societal level. The proposed change will provide students with a broader range of course offerings, and will appeal to students interested in specializing in macro-level explorations of social development who do not wish to focus exclusively on policy. The proposed revision includes two courses on community organization that are currently offered within SDS (SOCWK222R and 322R), and provides SDS with greater scope for the future development and/or addition to the specialization of other macro-focused courses.
    - Addition of SOCWK 222R, SOCWK 322R, PSYCH 444R
  - Social Work Specialization:
    - 5 courses (previously 7) required; originally, students completing the Social Work specialization would get all required BSW prerequisites. Now specializations can have maximum 6 courses, which posed a problem for the Social Work specialization sections that offered multiple options for courses (1/2 or 1/3). Those sections have been removed from the specialization, but advisors will focus heavily on informing students that they must still take the remainder of the BSW prerequisites in order to be eligible to apply.

The changes to the Social Development Studies Minor (motion 1.5) are related to the overall changes being made to the major plans:
- List of SDS rubric courses has been replaced by a link to the listing of all SDS courses and descriptions; this is common practice among other disciplines/departments.
- List of SOCWK rubric courses has been replaced by a link to the listing of all SOCWK courses and descriptions.
- Notes have been streamlined and updated.
- Plan elective requirements have been restructured to equip students with a stronger interdisciplinary foundation in SDS-rubric courses, while allowing more flexibility to take the remainder of their plan electives in any of the four disciplines. The disciplinary spread will still be captured through the required SDS courses.
Honours Psychology Bachelor of Science

Overview and admission
The Honours Psychology Bachelor of Science (BSc) Academic Plan is available in both the regular and co-operative system of study, and is particularly appropriate for students interested in cognitive neuroscience, or cognitive psychology, or, who plan to seek professional training in medicine, perhaps with a specialization in neurology, psychiatry, or pediatrics. A strong background in the "natural science" area of psychology would complement a student's preparation for research or graduate work in these fields of study.

Honours Psychology provides opportunities for in-depth study of psychological theory and research. Courses are available in the following areas: clinical psychology, cognitive neuroscience, cognitive psychology, developmental psychology, industrial/organizational psychology, and social psychology. Third- and fourth-year students have opportunities to study in small groups, to obtain hands-on laboratory training, to enrol in courses where they work one-on-one with faculty members, and to enrol in apprenticeship courses that provide practical field experience in applied settings.

Students interested in Honours Psychology will normally be admitted at the beginning of their second year based on their academic performance in Year One courses; (see Recommended Course Sequence for details). Application for admission to Honours Psychology is made at the time of enrolment for Year Two. Admission decisions for the Honours Psychology BSc plan are normally made after Winter term grades are available. For those whose admission decisions are deferred pending Spring term grades, admission decisions will be made in early September. Normally, only students whose Year One Science average is at least 60%, cumulative overall average is 60%, and whose Psychology average is at least 75% will be admitted. Please refer to "Applying for a Psychology Major" in the Faculty of Arts for further details.

To be considered for admission to Honours Psychology (BSc), students must have successfully completed:
- PSYCH 101/PSYCH 101R
- One of PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/PSYCH 253R, PSYCH 257/PSYCH 257R, or PSYCH 261
- MATH 127, MATH 128
- All BIOL and CHEM courses required for Year One Honours Science (see Recommended Course Sequence for details).

The cumulative averages required for admission are: Faculty of Science at least 60%, overall at least 60%, and Psychology at least 75%.

Notes
1. Students should attend the information session for prospective Psychology majors before applying to the Psychology major. Refer to the Psychology undergraduate website for the date and time (late February or March).

2. Students should see the Psychology undergraduate website for the application documents required, frequently asked questions regarding admission decisions, course offerings by Psychology area, tips regarding course planning and student success, experiences and opportunities for current students, and other relevant topics.
3. Students who complete a research methods course and/or an introductory statistics course, should seek advice at the Psychology Undergraduate Office regarding degree requirements before the first term of enrolment in the Honours Psychology BSc plan.

Requirements
In order to remain in good standing Continuation in Honours Psychology (BSc), requires students must maintain a cumulative average of at least 60% in the Faculty of Science courses, a cumulative overall average of 60% and a cumulative average of at least 75% in the Psychology courses. Conditional standing status for one academic term only may be granted to students whose averages fall below these criteria.

In order to graduate in Honours Psychology, students must successfully complete Eligibility for graduation in Honours Psychology (BSc) includes successful completion of the following requirements:

1. 21.0 units of which at least 19.0 must be lecture units and no more than 2.0 can be lab units. The 21.0 units must include all of the following:
   - MATH 127, MATH 128
   - Two 100-level courses in BIOL and any related labs (exclusive of BIOL 101)
   - CHEM 120, CHEM 120L, CHEM 123, CHEM 123L
   - One of PHYS 111, PHYS 121
   - One of PHYS 111L, PHYS 112L
   - One of PHYS 112, PHYS 122
   - One of PHYS 112L, PHYS 122L
   - 5.05 additional Faculty of Science units including:
     - no more than 2.0 "SCI"-labelled units.
     - at least 2.0 units at the 300- or 400-level, exclusive of "SCI"-labelled units.
     - no more than 1.5 Science faculty lecture units at the first year level (i.e., courses other than the Year One BIOL, and CHEM, PHYS courses listed above for Year One).
     - no more than 1.05 lab units, inclusive of first year BIOL lab units
     - at least 2.0 units at the 300- or 400-level, exclusive of SCI units
   - 9.0 units in Psychology (PSYCH) as listed for Honours BA Psychology.
   - 9.0 units in Psychology (PSYCH) including
     - PSYCH 101/PSYCH 101R
     - Methodology Core: PSYCH 291, PSYCH 292, PSYCH 389, PSYCH 390, PSYCH 391, PSYCH 492
     - Discipline Core: PSYCH 207, PSYCH 211, PSYCH 257/PSYCH 257R, PSYCH 261, and one of PSYCH 238 or PSYCH 253/253R
     - Honours Seminar: one of PSYCH 420, PSYCH 451, PSYCH 453, PSYCH 454, PSYCH 455, PSYCH 457, PSYCH 458, PSYC 459, PSYCH 461, PSYCH 462, PSYCH 463, PSYCH 485
     - four additional PSYCH courses to be taken at the 300-level or above
     - one additional PSYCH course at any level
   - 2.0 3.0 units of unspecified electives.

2. Completion of the English Language Proficiency Requirement

Notes
1. Psychology courses are offered by the Faculty of Arts and not the Faculty of Science.
   - If Psychology courses are required for another Arts academic plan, please refer to the Faculty of Arts double-counting regulations for further details.
2. Students should note that Year-One Physics is a pre-requisite for some professional or graduate programs and is relevant to material covered in some professional and graduate admission tests (e.g., MCAT, OAT). Some upper year, non-Physics courses, require completion of one or more first year Physics courses, including:
   - BIOL 376 Cellular Neurophysiology
   - BIOL 377 Systems Neuroscience
   - EARTH 260 Applied Geophysics 1
   - EARTH 310 Environmental Informatics

3. Students considering applying to professional or graduate programs should ensure that they have the appropriate first and upper year labs associated with courses needed for admission.

4. PSYCH 291 and PSYCH 292 must be completed in Year Two.

5. PSYCH 391 must be completed in 3A (Fall).

6. PSYCH 211, PSYCH 257/PSYCH 257R, and one of PSYCH 238 or PSYCH 253/PSYCH 253R must be completed before taking PSYCH 389 and PSYCH 391. PSYCH 207, PSYCH 211, and PSYCH 261 must be completed before taking PSYCH 390.

7. Advanced Research Methods Courses:
   - Normally, both PSYCH 389 and PSYCH 390 will be completed in Year Three.
   - Typically only one section of PSYCH 390 is offered in the Spring term and priority enrolment that term is given to those in the co-op system of study.

8. Transfer students should note the transfer credit maximums listed on the Faculty of Science Admission page, and at least half of the PSYCH courses must be taken at the University of Waterloo with a numeric grade.

9. Refer to the Psychology programs section on the Psychology undergraduate website for further course sequence information and class enrolment instructions.

10. Students considering Joint Honours plans with Psychology should read Science Minors and Joint Programs.
    - The only Joint Honours Psychology combinations with a Joint Honours plan in the Faculty of Science are:
      - BSc degree - Joint Honours Science (Non-Major) and Psychology
      - BSc degree - Joint Honours Science Major (e.g., Biology, Biomedical Science, Chemistry, Earth Science, Physics) and Psychology
      - BA degree - Joint Honours Psychology and Science (Non-Major)
    - See the Joint Honours Psychology section on the Psychology undergraduate website for further details.

**Honours Thesis**
The Honours Thesis (PSYCH 499A/PSYCH 499B/PSYCH 499C) course (1.5 units) is optional but recommended for Honours Psychology Majors students who are:
   a) are considering graduate or professional programs that may require a completed honours thesis for admission, or
   b) who have a strong interest in, and commitment to, conducting original research.

For those who choose to do an The Honours Thesis, PSYCH 499A/PSYCH 499B/PSYCH 499C (worth 1.5 units), will count for three of the “Four additional PSYCH courses required to be taken at the 300-level or above.” Please consult the Honours Thesis Handbook on the Psychology Undergraduate website for further details regarding PSYCH 499A, PSYCH 499B, and PSYCH 499C.

**Honours Psychology Co-operative Academic Plan**
See "Honours Psychology Co-op" in the Faculty of Arts.
See the Faculty of Arts, Psychology.
Honours Psychology Co-op students gain beneficial work experience, perform a wide variety of tasks in numerous sectors, and are valued by their co-op employers and mentors. Students have opportunities to practice skills learned in Psychology courses (e.g., analytic, numeracy, computer, oral and written communication skills) and develop new marketable skills.

Students should refer to the Psychology Co-op section on the Psychology undergraduate website for further details about the admission requirements and application procedures, and information regarding co-op positions, the requirements for writing work-term reports, and Professional Development (PD) course requirements.

Those accepted to co-op will have four work terms. The first work term will be in the Spring term following Year Two. The school/work sequence ends with a school term. Co-op fees will be charged for full-time school terms beginning the 2B (year/level) Winter school term and ending in term 4B (i.e. Psychology students pay five co-op fee installments).

**Joint Honours Psychology**

**Pursuing two Honours plans, second major Psychology, home Faculty Science:**
Follow the double Honours Psychology requirements in the Faculty of Arts calendar section, as well as the requirements for the first major.

Note:
1. See first major if interested in co-op.

**Pursuing two Honours plans, first major Psychology, home Faculty Science:**
All of the requirements as listed for Honours Psychology (BSc) must be completed, as well as the requirements for the second major.

Note:
1. The second major must not be in the Faculty of Science.
2. For Joint Honours Psychology Co-op (BSc), the first of the two Honours Majors must be Psychology, and the Home Faculty must be Science.

**Honours Psychology (Bachelor of Arts)**
Honours Psychology is also available through the Faculty of Arts in both the regular and co-operative system of study. The Psychology course and Psychology average requirements for Honours Psychology (Bachelor of Arts) are different from those for Honours Psychology (Bachelor of Science). For details regarding requirements for Honours Psychology (Bachelor of Arts) refer to the Psychology section of the Faculty of Arts.
Recommended Course Sequence

Year One
6.0 units including:
Two 100-level courses in BIOL and any related labs (exclusive of BIOL 101)
CHEM 120 Physical and Chemical Properties of Matter
CHEM 120L Chemical Reaction Laboratory 1
CHEM 123 Chemical Reactions, Equilibria and Kinetics
CHEM 123L Chemical Reactions Laboratory 2
MATH 127/MATH 128 Calculus 1 and 2
One of PHYS 111 Physics 1, PHYS 121 Mechanics
One of PHYS 111L Physics 1 Laboratory, PHYS 121L Mechanics Laboratory
One of PHYS 112 Physics 2, PHYS 122 Waves, Electricity and Magnetism
One of PHYS 112L Physics 2 Laboratory, PHYS 122L Waves, Electricity and Magnetism Laboratory
Two Unspecified Electives (1.0 unit)

PSYCH 101/PSYCH 101R Introductory Psychology
One of:
PSYCH 207 Cognitive Processes
PSYCH 211 Developmental Psychology
PSYCH 238 Organizational Behaviour
PSYCH 253/PSYCH 253R Social Psychology
PSYCH 257/PSYCH 257R Psychopathology
PSYCH 261 Physiological Psychology

Year Two
5.0 units including:
PSYCH 291 Basic Research Methods (Fall)
PSYCH 292 Basic Data Analysis (Winter)
Three Two of PSYCH 207, PSYCH 211, PSYCH 253, PSYCH 257/257R, PSYCH 261
One of PSYCH 238 or PSYCH 253/253R
Science Electives (2.0 to 2.5 units) Note the 5.5 additional Faculty of Science unit requirements.
One Unspecified Elective (0.5 unit)

Year Three
5.0 units including:
One of PSYCH 207, PSYCH 211, PSYCH 238, PSYCH 253/253R, PSYCH 257/257R, or PSYCH 261
PSYCH 391 Advanced Data Analysis (Fall)
One Social Science Advanced Research Methods Course from (see Note 1):
PSYCH 393 Research in Developmental Psychology
PSYCH 395 Research in Social Psychology
PSYCH 397 Research in Personality and Clinical Psychology
PSYCH 399 Research in Industrial/Organizational Psychology
PSYCH 484 Directed Studies: Social Science Research
One Natural Science Advanced Research Methods Course from (see Note 1):
PSYCH 392 Research in Human Cognitive Neuropsychology
PSYCH 394 Research in Cognition and Perception
PSYCH 396 Research in Behavioural Neuroscience
PSYCH 398 Research in Memory
PSYCH 483 Directed Studies: Natural Science Research
PSYCH 389 Advanced Social Science Research Methods Topics  
PSYCH 390 Advanced Natural Science Research Methods Topics  
Two Psychology PSYCH courses at the 300- or 400-level (1.0 unit) from the following:  
PSYCH 306 through 380, PSYCH 439, PSYCH 481, PSYCH 482  
Science Electives (1.5 to 2.0 units) Note the 5.5 additional Faculty of Science unit requirements.  
One Unspecified Elective (0.5 units)  

Year Four  
5.0 units including:  
Four additional PSYCH courses at the 300-level or higher (See Note 4)  
PSYCH 492, Psychological Measurement  
Two PSYCH courses at the 300- or 400-level (1.0 unit)  
One PSYCH course at any level (0.5 unit)  
One Honours Seminar in PSYCH from PSYCH 420, PSYCH 451, PSYCH 453, PSYCH 454, PSYCH 455, PSYCH 457, PSYCH 458, PSYCH 459, PSYCH 461, PSYCH 462, PSYCH 463, or PSYCH 485 (0.5 unit)  
Science Electives (1.5 units) Note the 5.5 additional Faculty of Science unit requirements.  
Two Unspecified Electives (1.0 unit)  

Notes  
1. Students are required to take one Social Science Advanced Research Methods Course and one Natural Science Advanced Research Methods Course as noted above.  
   - The Social Science Advanced Research Methods courses are offered Fall term. The Natural Science Advanced Research Methods courses are offered Winter term for those in the regular system of study, and Spring term for those in the co-op system of study.  
   - Only students who are not doing the honours thesis in Psychology (PSYCH 499A/PSYCH 499B/PSYCH 499C) may substitute one of PSYCH 465 or PSYCH 467 for one of the two Advanced Research Methods course requirements.  
2. Students entering Honours Psychology in Year Three should consult the Psychology Undergraduate Office for further information regarding the sequence for taking Psychology courses.  
3. See the "Honours Thesis" section of Honours Psychology Bachelor of Science page for further details.  
4. Please refer to the Psychology programs section of the Psychology undergraduate website for further course sequence information and class enrolment instructions.  
1. See the Honours Psychology BSc program section for further details about the Honours Thesis course (PSYCH 499A, 499B, 499C) and other course planning information.
MEMORANDUM

September 28, 2015

To: Members of Senate
    Chairs of Departments and Directors of Schools

Copy: Daily Bulletin

From: Ian Orchard, vice-president academic & provost

Re: Call for “University Professor” Nominations

To date, Waterloo has awarded this distinction to twenty two individuals: Garry Rempel (chemical engineering), Mary Thompson (statistics & actuarial science) and Mark Zanna (psychology) in 2004; Terry McMahon (chemistry), Cam Stewart (pure mathematics) and Robert Jan van Pelt (architecture) in 2005; Phelim Boyle (accountancy) and Ian Munro (computer science) in 2006; Ken Davidson (pure mathematics), Keith Hipel (systems design engineering) and Jake Sivak (optometry) in 2007; Roy Cameron (health studies & gerontology) and Flora Ng (chemical engineering) in 2008; Ellsworth LeDrew (geography & environmental management) and Ming Li (computer science) in 2009; Stuart McGill (kinesiology) and Janusz Pawliszyn (chemistry) in 2010; Robert Le Roy (chemistry) in 2011; François Paré (French studies) in 2012; Doug Stinson (computer science) in 2013; William Coleman (political science), and William Cook (combinatorics and optimization) in 2015.

The selection process is reproduced below for your information. Please ensure that nomination material is submitted to my office before the December break.

UNIVERSITY PROFESSOR

The University of Waterloo owes much of its international reputation and stature to the quality of its eminent professors. University of Waterloo recognizes exceptional scholarly achievement and international pre-eminence through the designation “University Professor”. Once appointed, a faculty member retains the designation until retirement.

Not counting retirees, it is anticipated there will be one University Professor for approximately every 60 full-time regular faculty members, with at most two appointments each year. Such appointments are reported to Senate and the Board of Governors in March and April respectively, and are recognized at Convocation.

Selection Process

1. Annually, nominations will be sought from Faculty deans, directors of schools and department chairs, as well as from the university community generally. A nominee shall have demonstrated exceptional scholarly achievement and international pre-eminence in a particular field or fields of knowledge. The individual who nominates a colleague is responsible for gathering the documentation and submitting it to the vice-president, academic & provost before the December break. The University Tenure & Promotion Committee will act as the selection committee; its decisions are final.

2. A nomination must be supported by at least six signatures from at least two UW departments/schools and must be accompanied by a curriculum vitae and a short, non-technical description of the nominee’s contributions.

3. A nomination must also be accompanied by letters from the nominee’s Dean, and from at least two and no more than five scholars of international standing in the nominee’s field from outside the University. The scholars are to be chosen by the nominee’s Chair/Director in consultation with the Dean and the nominator. The letter of nomination should explain why these particular scholars were chosen.

4. Letters soliciting comments from scholars shall be sent by the Chair/Director. Scholars shall be asked to comment on the impact and specific nature of the nominee’s most influential contributions, addressing their responses directly to the Vice-President, Academic & Provost.

5. The dossiers of unsuccessful nominees remain in the pool for two additional years. The appropriate Dean should provide updated information each year.
FOR APPROVAL

Fall Break Pilot

Motion: To approve modifications to calendar guidelines for a three-year period to include a two-day Fall Break following Thanksgiving Monday by starting classes earlier by two days (Thursday of Orientation Week), and to evaluate this initiative after three years. [see attached materials]

/ees

Ian Orchard
Vice-President, Academic & Provost
Senate Discussion: Fall Break at Waterloo
Motivation

• ~ 3/4 of Ontario’s 21 universities have a Fall Break varying in length from 2-5 days

• WLU initiated a 3-year pilot in Fall 2014

• Federation of Students referendum on Fall Break (Fall 2014)
Senate Discussion: Fall Break at Waterloo

Working group established in Spring 2014

- Outline all scheduling options, noting pros and cons of each
- Recommend an option should one become clearly optimal
- No position should be taken on adoption of a Fall Break
Issues to manage

- 60 teaching days/term
- High level of teaching activity throughout year (co-op)
- Pre-final exam study days (minimum 2)
- Exam schedule (12 days in past, 14 days for last few years, 13 days this Fall, aiming for 13 days in future years)
- No Sunday exams
- Exams must end no later than Dec. 22
Report* to Vice-President and Provost: (September 2014)

“Consideration of a Fall Break at the University of Waterloo”

Key recommendations: If we implement a Fall Break...

1. Make it **two days** in length, starting classes 2 days early (i.e., Thursday of Orientation Week)

2. Consider a **trial (pilot)** for 3 years, with annual assessment

3. Consult widely with **all stakeholder groups** to understand potential obstacles/complications to implementing a Fall Break

4. Articulate **expectations/definition** of a mid-term break

5. Explore strategies to **maximize student benefit** from a Fall Break

* Refer to Senate agenda, October 14, 2014
Undergraduate Student Referendum: (November 2014)

- Over 6000 students responded to the question:

  "Should classes start on the first Thursday after Labour Day to allow two additional days off in the Fall Term"

- 4600 students (~74%) voted in favour of the proposed break
Working group was asked to explore more fully implementation of a Fall Break with Waterloo community

**Stakeholders consulted** *(Nov. 2014 – Jan. 2015)*

- Faculty Association
- Staff Association
- Federation of Students
- Undergraduate Students Relations Committee
- Graduate Students Association
- Graduate Students Relations Committee
- Leadership Forum
- CUPE Local 793
- Custodial and Ground Services
- Food Services

Report to Vice-President and Provost: *(Feb. 2015)*

“Proposed Fall Break – Stakeholder Consultation”
Senate Discussion: Fall Break at Waterloo

Major issue raised

- Faculty, staff and co-op students who work or study during the Spring term and are back in the Fall term saw the break between terms as important for holidays, and for international students, family visits. The reduced time span between the Spring and Fall terms was seen as problematical.

Solution: Allow instructors who teach in Spring and Fall terms to request an early Spring exam time by “pre-slotting” their final exam.
<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2016</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labour Day</td>
<td>6 Orientation</td>
<td>7 Orientation</td>
<td>8 Classes start</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>5</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td>11 Break</td>
<td>12 Break</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>31</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6 Study</td>
<td>7 Study</td>
<td></td>
<td>8 Exams start</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td></td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td></td>
<td>22</td>
<td>23</td>
<td>24</td>
</tr>
</tbody>
</table>

Earliest possible implementation of a Fall Break is 2016
<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>2020</em></td>
<td>Latest Labour Day</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7 Labour Day</td>
<td>8 Orientation</td>
<td>9 Orientation</td>
<td>10 Classes start</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Thanksgiving</td>
<td>13 Break</td>
<td>14 Break</td>
<td></td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Study</td>
<td>8 Exams start</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22 Exams end</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
</tbody>
</table>

NOTE: In 2020 and 2021, a Saturday class will be necessary regardless of whether or not there is a Fall Break (such as in Fall 2009 or 2015) due to late Labour Day.

Scheduling of Saturday class TBD
Motion:

To approve modifications to calendar guidelines for a three-year period to include a two-day Fall Break following Thanksgiving Monday by starting classes earlier by two days (Thursday of Orientation Week), and to evaluate this initiative after three years.
2016

Note: 13 exam days in fall

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>26 (Spring classes end)</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>August</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13 (Spring exams end)</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20 (Spring grades due)</td>
<td>21</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26 (co-op ends)</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>September</td>
<td>5 Labour Day</td>
<td>6 Orientation</td>
<td>7 Orientation</td>
<td>8 classes start</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>October</td>
<td>3 Labour Day</td>
<td>4 Orientation</td>
<td>5 Orientation</td>
<td>6 classes start</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>10 Thanksgiving</td>
<td>11 break</td>
<td>12 break</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>November</td>
<td>1 Labour Day</td>
<td>2 Orientation</td>
<td>3 Orientation</td>
<td>4 classes start</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December</td>
<td>5 (Fall classes end)</td>
<td>6 study</td>
<td>7 study</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22 exams end</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>29</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

Rules: (1) Dec 22 - exams end; (2) minimum 13 day exam schedule, with no Sunday exams (3) 60 teaching days; (4) two study days ideally
### 2017

**Note:** 14 exam days in fall

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 (Spring classes end)</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10 (Spring exams end)</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17 (Spring grades due)</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25 (co-op ends)</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>September</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Labour Day</td>
<td>5 Orientation</td>
<td>6 Orientation</td>
<td>7 classes start</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>October</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>9 Thanksgiving</td>
<td>10 break</td>
<td>11 break</td>
<td></td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>November</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 (Fall classes end)</td>
<td>5 study</td>
<td>6 study</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22 exams end</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
</tbody>
</table>

**Rules:**
1. Dec 22 - exams end;
2. Minimum 13 day exam schedule, with no Sunday exams;
3. 60 teaching days;
4. Two study days ideally.

137
<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>25 (Spring classes end)</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>August</td>
<td>30</td>
<td>31</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11 (Spring exams end)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18 (Spring grades due)</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24 (co-op ends)</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>September</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3 Labour Day</td>
<td>4 Orientation</td>
<td>5 Orientation</td>
<td>6 classes start</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>October</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>November</td>
<td>8 Thanksgiving</td>
<td>9 break</td>
<td>10 break</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>December</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3 (Fall classes end)</td>
<td>4 study</td>
<td>5 study</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21 exams end</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

Note: 14 exam days in fall

Rules: (1) Dec 22 - exams end; (2) minimum 13 day exam schedule, with no Sunday exams
(3) 60 teaching days; (4) two study days ideally

138
### 2019 Academic Calendar

**Note:** 14 exams days in fall

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>July</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>August</strong></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>September</strong></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td>14 Thanksgiving</td>
<td>15 break</td>
<td>16 break</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>November</strong></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>December</strong></td>
<td>2 (Fall classes end)</td>
<td>3 study</td>
<td>4 study</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20 exams end</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Rules: (1) Dec 22 - exams end; (2) minimum 13 day exam schedule, with no Sunday exams; (3) 60 teaching days; (4) two study days ideally
### 2020

#### Notes: 13 exam days in fall, 1 teaching make-up day is required, only 1 study day

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>28 (Spring classes end)</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15 (Spring exams end)</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22 (Spring grades due)</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28 (co-op ends)</td>
<td>29</td>
</tr>
<tr>
<td>September</td>
<td>31</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>7 Labour Day</td>
<td>8</td>
<td>Orientation</td>
<td>9</td>
<td>Orientation</td>
<td>10 classes start</td>
<td>11</td>
</tr>
<tr>
<td>October</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>November</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>12 Thanksgiving</td>
<td>13 break</td>
<td>14 break</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>December</td>
<td>30</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5 (Fall classes end?)</td>
</tr>
<tr>
<td>7 study</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>22 exams end</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NB:** Saturday teaching day can happen anytime in term

**Rules:**
1. Dec 22 - exams end;
2. Minimum 13 day exam schedule, with no Sunday exams;
3. 60 teaching days;
4. Two study days ideally
### 2021

#### Monday to Sunday

<table>
<thead>
<tr>
<th>July</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 (Spring classes end)</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14 (Spring exams done)</td>
<td>15</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21 (Spring marks due)</td>
<td>22</td>
</tr>
<tr>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27 (co-op ends)</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| September  |         |           |          |        | 1        | 2      |
| 30         |         |           |          |        | 3        | 4      |
|            | 6 Labour Day | 7 Orientation | 8 Orientation | 9 classes start | 10 | 11 |
| 13         | 14      | 15        | 16       | 17     | 18       | 19    |
| 20         | 21      | 22        | 23       | 24     | 25       | 26    |
| 27         | 28      | 29        | 30       |        |          |        |

| October    |         |           |          |        | 1        | 2      |
|            | 4       | 5         | 6        | 7      | 8        | 9      |
|            | 11 Thanksgiving | 12 break | 13 break | 14 | 15       | 16    |
| 18         | 19      | 20        | 21       | 22     | 23       | 24    |
| 25         | 26      | 27        | 28       | 29     | 30       | 31    |

| November   | 8       | 9         | 10       | 11     | 12       | 13    |
|           | 15      | 16        | 17       | 18     | 19       | 20    |
|           | 22      | 23        | 24       | 25     | 26       | 27    |
|           | 29      | 30        |          |        |          |        |

| December   | 1       | 2         | 3        | 4 (Fall classes end?) | 5 |
|            | 6 study | 7 study   | 8        | 9      | 10       | 11 |
| 13         | 14      | 15        | 16       | 17     | 18       | 19    |
| 20         | 21      | 22 exams end | 23 | 24 | 25 | 26 |
| 27         | 28      | 29        | 30       | 31     |          |        |

**Note:** 13 exam days in fall, 1 teaching make-up day is required

**NB:** Saturday teaching day can happen anytime in term

**NB:** could remove 1 study day to avoid Saturday teaching

**Rules:**
1. Dec 22 - exams end
2. Minimum 13 day exam schedule, with no Sunday exams
3. 60 teaching days
4. Two study days ideally
Note: 13 exam days in fall

<table>
<thead>
<tr>
<th>Day</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>August</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13 (Spring exams end)</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20 (Spring grades due)</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26 (co-op ends)</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>September</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5 Labour Day</td>
<td>6 Orientation</td>
<td>7 Orientation</td>
<td>8 classes start</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>October</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>10 Thanksgiving</td>
<td>11 break</td>
<td>12 break</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>November</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 (Fall classes end)</td>
<td>6 study</td>
<td>7 study</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22 exams end</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

Rules: (1) Dec 22 - exams end; (2) minimum 13 day exam schedule, with no Sunday exams
(3) 60 teaching days; (4) two study days ideally
## Fall Break scenarios

01-Sep-15

<table>
<thead>
<tr>
<th></th>
<th>Classes end in Spring Term date</th>
<th>Exams end in Spring term</th>
<th>Grades are due in Spring term</th>
<th>Co-op ends in Spring term</th>
<th># of non-weekend and non-holiday days between exams done and classes start</th>
<th># of non-weekend and non-holiday days between co-op done and classes start</th>
<th># of non-weekend and non-holiday days between grades due and classes start</th>
<th>Labour Day</th>
<th>Classes Start - Monday following Labour Day</th>
<th>Classes Start - Thursday following Labour Day</th>
<th>Classes end in Fall term date</th>
<th>Exams begin in Fall term</th>
<th>Exams end in Fall term</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Tues, July 26</td>
<td>Sat, Aug 13</td>
<td>Sat, Aug 20</td>
<td>Fri, Aug 26</td>
<td>15</td>
<td>5</td>
<td>10</td>
<td>Mon, Sep 5</td>
<td>Mon, Sep 12</td>
<td>Thurs, Sep 8</td>
<td>Mon, Dec 5</td>
<td>Thurs, Dec 8</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>Tues, July 25</td>
<td>Thur, Aug 10</td>
<td>Thurs, Aug 17</td>
<td>Fri, Aug 25</td>
<td>16</td>
<td>5</td>
<td>11</td>
<td>Mon, Sep 4</td>
<td>Mon, Sep 11</td>
<td>Thurs, Sep 7</td>
<td>Mon, Dec 4</td>
<td>Thurs, Dec 7</td>
<td>Fri, Dec 22</td>
</tr>
<tr>
<td>2018</td>
<td>Wed, July 25</td>
<td>Sat, Aug 11</td>
<td>Sat, Aug 18</td>
<td>Fri, Aug 24</td>
<td>15</td>
<td>5</td>
<td>10</td>
<td>Mon, Sep 3</td>
<td>Mon, Sep 10</td>
<td>Thurs, Sep 6</td>
<td>Mon, Dec 3</td>
<td>Thurs, Dec 6</td>
<td>Fri, Dec 21</td>
</tr>
<tr>
<td>2019</td>
<td>Fri, July 26</td>
<td>Wed, Aug 14</td>
<td>Wed, Aug 21</td>
<td>Fri, Aug 23</td>
<td>12</td>
<td>5</td>
<td>7</td>
<td>Mon, Sep 2</td>
<td>Mon, Sep 9</td>
<td>Thurs, Sep 5</td>
<td>Mon, Dec 2</td>
<td>Thurs, Dec 5</td>
<td>Fri, Dec 20</td>
</tr>
<tr>
<td>2020</td>
<td>Tues, July 28</td>
<td>Sat, Aug 15</td>
<td>Sat, Aug 22</td>
<td>Fri, Aug 28</td>
<td>15</td>
<td>5</td>
<td>10</td>
<td>Mon, Sep 7</td>
<td>Mon, Sep 14</td>
<td>Thurs, Sep 10</td>
<td>Thurs, Dec 4</td>
<td>Thurs, Dec 8</td>
<td>Tues, Dec 22</td>
</tr>
<tr>
<td>2021</td>
<td>Tues, July 27</td>
<td>Sat, Aug 14</td>
<td>Sat, Aug 21</td>
<td>Fri, Aug 27</td>
<td>15</td>
<td>5</td>
<td>10</td>
<td>Mon, Sep 6</td>
<td>Mon, Sep 13</td>
<td>Thurs, Sep 9</td>
<td>Fri, Dec 3</td>
<td>Thurs, Dec 8</td>
<td>Wed, Dec 22</td>
</tr>
<tr>
<td>2022</td>
<td>Tues, July 26</td>
<td>Sat, August 13</td>
<td>Sat, Aug 20</td>
<td>Fri, Aug 26</td>
<td>15</td>
<td>5</td>
<td>10</td>
<td>Mon, Sep 5</td>
<td>Mon, Sep 12</td>
<td>Thurs, Sep 8</td>
<td>Mon, Dec 5</td>
<td>Thurs, Dec 8</td>
<td></td>
</tr>
</tbody>
</table>

**Years in which we may have to consider a Saturday make-up class as we**
FOR APPROVAL

Pharmacy Faculty Council Constitution and Bylaws

Motion: To approve the Pharmacy Faculty Council constitution and bylaws as provided in the report.

Rationale: The School of Pharmacy requires a governing document as a requirement of their accreditation body. The attached constitution and bylaws were previously approved by Science Faculty Council.

/ees

Ian Orchard
Vice-President, Academic & Provost
CONSTITUTION AND BY-LAWS

PREAMBLE

The Pharmacy Faculty Council (hereafter referred to as “Council”) represents the faculty as a whole and is the responsible body within the School of Pharmacy (hereafter referred to as “School”) for acting and advising on academic matters that are normally considered to be the responsibility of the faculty. The Council is accountable to the Faculty of Science, University of Waterloo.

CONSTITUTION

I. MEMBERSHIP OF THE PHARMACY FACULTY COUNCIL

The membership of the Pharmacy Faculty Council shall be composed of:

- *ex-officio*
  - the Dean of the Faculty of Science (or a designate);
  - the professors emeriti of the School;
  - Administrative Officer of the School;
  - such other officials of this University or Faculty of Science as may be deemed necessary by Council;
  - Director, Admissions, Professional Relations and Undergraduate Affairs, School of Pharmacy;
  - Associate Director, Advancement;
  - Pharmacy Librarian;
  - A representative of the graduates (alumni) of the professional pharmacy program;

- tenured or tenure-track faculty and lecturers holding rank in the professorial stream in the School;
- instructors from the teaching staff and part-time teaching faculty, having a 40% or greater FTE appointment in the School;
- the President of the Society of Pharmacy Students (SOPhS), or designate;
- one undergraduate student from each of the 2nd, 3rd and 4th year classes to be selected by the students;
- one graduate student selected by the Graduate Studies and Research Committee.

II. CHAIR OF PHARMACY FACULTY COUNCIL

Regarding the Chair,

- The Director of the School of Pharmacy shall serve as Chair of the Council;
- The Chair shall preside at all meetings of Council;
- If the Chair is unable to be present, he/she will designate an interim Chair for Council.
III. SECRETARY

Regarding the Secretarial duties,

- The Administrative Officer of the School shall act as Secretary of the Council.

IV. POWERS AND DUTIES OF PHARMACY FACULTY COUNCIL

The Pharmacy Faculty Council of the School shall:

- subject to the provisions of the University of Waterloo, and to the approval of the Faculty of Science, develop policies, rules, regulations and by-laws related to the conduct of its affairs;
- approve and make recommendations regarding the academic functions of the School including:
  - admissions policies, academic standards and courses of study for the various programs offered by the School;
  - courses of study for the various programs offered by the School;
- consider other matters affecting the faculty as may seem appropriate to Council;
- receive reports and take action on recommendations from the Standing Committees and Executive Committee of the School;
- advise the Director and Executive Committee related to the efficient administration of the School;
- report to the Faculty of Science on such matters as it determines.

V. MEETINGS

Regarding meetings,

- Council shall meet at least three times in every calendar year (typically once during each term);
- A notice of meeting, including proposed agenda, shall be given at least two (2) weeks in advance of each meeting;
- A special meeting may be called by the Chair of Council upon written request of not fewer than 6 members of Council. At least 3 working days of notice must be given;
- The Secretary shall record minutes of all meetings of Council.

VI. BY-LAWS

Regarding by-laws,

- The Council shall pass by-laws regulating the exercise of its powers and the calling and conduct of its meetings;
- Decisions concerning by-laws shall be made by formal statement of resolution submitted to the Chair and presented to Council. Approval of changes to the by-laws requires a two-thirds vote of the members present at a Council meeting.
VII. AMENDMENT

Regarding amendments,

- The Council may amend the Constitution by a two-thirds vote of the members of the Council at a meeting for which at least fourteen (14) days’ notice of the proposed change(s) to the Constitution has been given.

VIII. ADOPTION

Regarding adoption,

- This Constitution shall come into effect upon its acceptance by the Science Faculty Council.

BY-LAWS OF THE PHARMACY FACULTY COUNCIL

I. GENERAL PROCEDURES for COUNCIL

- The Chair shall conduct the proceedings in conformity with the rules of parliamentary procedure;
- Except in the case of special meetings, a notice of motion from an individual shall be forwarded to the Administrative Officer of the School at least one week before a meeting of Council in order to have it included on the agenda of the meeting at which it is to be considered. (This does not apply to motions and recommendations which would be forthcoming from the normal activities of Council);
- At all meetings of Council, 50% of Council’s membership shall constitute a quorum;
- Unless otherwise provided for, all questions which come before Council shall be decided by a simple majority of members present and voting. In the case of a tie vote, the motion shall be considered to have failed.
- Meetings of Council shall be open to all members as defined in the Constitution of Council; members shall have the right to speak and vote, except that ex officio members shall not have the right to vote;
- Observers may attend all meetings, except when Council is in camera. The number of observers permitted will be limited by the availability of space. Observers shall not have the right to speak, except by permission of the Chair, or to vote;
- Council shall have the right to hold meetings in camera or, during a meeting, to move into camera:
  - by ruling of the Chair;
  - by an affirmative vote of a majority of Council members present. Any Council member shall have the right to present or to second a motion to move into camera, and no other business shall be conducted until such motion is decided.
II. ROLE OF THE DIRECTOR

• The Director is the senior administrative official of the School and assumes responsibility for all matters pertaining to the School;
• The Director is an *ex-officio* member of all committees.

III. ROLE OF THE ADMINISTRATIVE OFFICER

The duties of the Administrative Officer, or that officer’s designate, with respect to Council and the Executive Committee shall be to:

• attend all meetings of the Executive Committee and Council and keep minutes of the proceedings;
• maintain all records of the Executive Committee and Council;
• ensure that minutes are kept of the proceedings of all standing committees;
• issue notices of each meeting of Executive Committee and Council;
• prepare such resolutions or reports as the Executive Committee and Council may direct from time to time;
• conduct all necessary correspondence under the supervision of the Chair and keep proper records thereof;
• perform such other duties as the Executive Committee and Council may from time to time require.

IV. PHARMACY EXECUTIVE COMMITTEE

i. Membership

The membership of the Executive Committee shall be composed of:

• The Director of the School (Chair);
• Associate Director, Curriculum;
• Associate Director, Assessment;
• Associate Director, Research
• Associate Director, Graduate Studies;
• Associate Director, Practice-Based Education and Professional Outreach;
• Director of Admissions, Professional Relations & Undergraduate Affairs;
• Administrative Officer (Secretary).

ii. Duties of the Pharmacy Executive Committee

The Executive Committee shall, among its activities and responsibilities:

• Make recommendations to the Council concerning academic matters of importance to the School;
• Advise the Director on the development and implementation of policies defining the
management and operation of the School necessary to fulfill the School's mission;
• Ensure that the actions approved by Council are enacted;
• On behalf of the Council, appoint members and designate chairs of all Standing Committees of the School;
• On behalf of the Council, appoint members and designate chairs of any special committees that the Executive Committee or the Council deems necessary;
• Draft an agenda for Council meetings and ensure that the Council meets as prescribed;
• Advise Council regarding the suitability of proposed policies, rules and regulations for governance of the School and the Committees of the School;
• Report to Council on its activities.

V. STANDING COMMITTEES

The standing committees of the School shall be those noted in this document with their respective duties defined by the Executive Committee and affirmed by Council.

• Unless otherwise specified, each committee shall consist of a Chair and at least five members of Council and/or the School, of whom 50% shall constitute a quorum at any committee meeting;
• For voting purposes, a quorum must be present and a simple majority of those present (excluding the chair) will rule. The chairs of standing committees shall cast the deciding vote in case of a tie;
• The appointment year for standing committees shall be from September 1 through August 31;
• Students shall be represented on each standing committee. A graduate student shall serve on the Graduate Studies and Research Committee. It is the responsibility of the Chair to ensure that students are not involved in discussions that would compromise student privacy rights;
• Each standing committee shall meet at the call of its Chair and not less than once per calendar year;
• Any member of Council may request to attend a meeting of a standing committee. However, voting is limited to members of the standing committee;
• All standing committees shall keep appropriate records of meeting minutes and other correspondence received;
• Each committee of the School may appoint sub-committees and delegate to such sub-committees the power to make recommendations and act in respect to any aspect of the standing committee's responsibility;
• Standing committees shall report at least annually to Council and shall bring forward recommendations for significant changes or additions to academic policies and procedures of the School for consideration by Council;
• All written communications on any subject coming properly within the jurisdiction of any standing committee shall be referred to that committee, which shall report thereon, if possible, at the next meeting of the Council;
• Each committee shall review its terms of reference at least once every two (2) years and submit a report of this review to the Executive Committee.
i. **Undergraduate Admissions Committee**

- The Committee shall be chaired by the Director of Admissions, Professional Relations & Undergraduate Affairs;
- The Committee shall develop and recommend to Council criteria, requirements and policies related to admission of undergraduate students;
- The Committee shall determine from among the applicants for admission to the professional pharmacy program of the School those to whom admission will be offered in accordance with established criteria;
- The Committee shall participate in the development of programs/events to recruit students into the professional pharmacy program;
- The Committee shall, as needed, respond to admissions-related issues arising from the School’s planning.

ii. **Assessment Committee**

- The Assessment Committee shall be chaired by the Associate Director, Assessment or designee;
- The Committee shall develop and implement a comprehensive plan for assessing the intended outcomes of the pharmacy program as identified in the strategic plan for the School;
- The Committee shall collect or co-ordinate the collection of relevant data from faculty, staff, students, alumni, employers and other external stakeholders as necessary to achieve its objectives;
- It is expected that the Committee will work closely with other committees (eg. Curriculum, Admissions) and groups within the School (eg. Experiential education);
- The Committee shall analyze assessment data and identify programmatic strengths as well as areas where improvement is needed.

iii. **Awards Committee**

- The Committee shall be chaired by the Associate Director, Advancement;
- The Committee shall maintain a registry of awards for which undergraduate students may apply;
- The Committee shall meet, as necessary, to select recipients of application-based awards adjudicated by the School;
- The Committee shall identify areas where new awards would be beneficial.

iv. **Undergraduate Curriculum Committee**

- The Committee shall be chaired by the Associate Director, Curriculum or designee;
- The membership of the Committee shall include, but not be limited to, representation from faculty members (basic and pharmaceutical sciences as well as pharmacy practice), teaching staff, experiential education team, undergraduate students, and the Director of Admissions, Professional Relations & Undergraduate Affairs;
• The secretary of the Committee shall be a staff member designated by the Chair;
• The Committee shall ensure that for the professional pharmacy curriculum, expected learning outcomes are defined and that a curricular plan outlines the sequencing and integration of content, instructional strategies and assessment;
• The Committee shall review and make recommendations regarding curricular content, individual courses, teaching methods and assessment strategies. They shall provide oversight of curricular evaluation for quality improvement, including ensuring that the curriculum is responsive to changes in pharmacy practice, the health care system and education research and technology. They will ensure that curriculum complies with University policies and CCAPP accreditation standards;
• The Committee shall examine and make recommendations for policies related to academic standards for courses and progression guidelines for students;
• The Committee is expected to work closely with other committees including the Assessment committee regarding areas of mutual interest.

v. **Graduate Studies and Research Committee**

• The Committee shall be co-chaired by the Associate Director, Research and the Associate Director, Graduate Studies;
• The Committee shall develop policies, procedures and strategies related to the recruitment and admission of graduate students to the School;
• The Committee shall review and make recommendations related to the development of new graduate programs in the School;
• The Committee shall review and make recommendations regarding curricular content, individual courses, teaching methods and assessment strategies for the graduate programs in the School;
• The Committee shall make recommendations for graduate student awards;
• The Committee shall present annually, to the Council, regarding the activities surrounding research and graduate studies;
• The Committee shall be composed of not less than 5 members of the full-time tenure-stream faculty and shall include representative faculty members from both the pharmaceutical sciences as well as non-pharmaceutical sciences;
• The Committee shall select a representative from the graduate students to serve on the Committee. It is understood that occasionally sensitive matters arise that may require the Committee to meet in camera without a student member being present;
• The Graduate Coordinator of the School shall serve as secretary for the Committee.
VI. SPECIAL COMMITTEES

i. Petitions Committee

- A Petitions Committee, under the chair of the Director of Admissions, Professional Relations & Undergraduate Affairs, shall convene, as the need arises, to address petitions;
- The committee is required to arrive at a majority decision;
- The Committee shall report its findings to the Executive Committee.

ii. Additional Special Committees

The Council or the Director of the School may appoint special (ad hoc) committees to deal with any matter that normally does not fall within the responsibilities of the aforementioned committees.

VII. REVIEW OF CONSTITUTION AND BY-LAWS

The Council shall review the Constitution and By-Laws a minimum of every 5 years.

This constitution was approved on November 27, 2012 by Science Faculty Council.

Last amended by Pharmacy Faculty Council on May 14, 2015.