

Senate Undergraduate Council

Open & Confidential Session

April 7, 2026

10:00 a.m. - 12:00 p.m.

Needles Hall

NH 3318

Waterloo Campus

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2026 04 07 Senate Undergraduate Council Meeting Book

AGENDA

	1. Governance Resources		
	1.1. Link to Governance Resources		
10:00 a.m.	2. Approval of the Agenda		
	2.1. Conflict of Interest		
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	2.3. Business Arising from the Minutes	Information	
	2.3.1. Senate Alternative Credentials Committee Updates	Information	4
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	4. Regular Agenda		
10:05 a.m.	5. Chair's Remarks [DeVidi]	Information	
10:10 a.m.	6. Curricular Submissions		
	6.1. Report from the SUC Curriculum Subcommittee	Information	59
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10:15 a.m.	7. EdTech Fee [Gilbertson & Fluttert]		
	7.1. EdTech Fee	Discussion	97
10:35 a.m.	8. Velocity Resources and Support for Undergraduate Students [Dick & Traianovski]		
	8.1. Velocity Resources and Support for Undergraduate Students	Discussion	102
10:55 a.m.	9. Items Removed from the Consent Agenda		
11:00 a.m.	10. Other Business		
	11. Confidential Session		
11:05 a.m.	12. SUC Mandate Review [DeVidi & Ly]		
	12.1. SUC Mandate Review	Discussion	114
	13. Adjournment		
	The next SUC meeting will be held on June 16, 2026.		

For Approval**Open Session**

To: Senate Undergraduate Council

From: Tony Ly
Governance Officer

Date of Meeting: April 7, 2026

Agenda Item: **2. Approval of the Agenda**

2.1. Conflict of Interest

Members are invited to declare any conflicts related to the open session agenda at this time. Should a conflict of interest arise during discussion, members are asked to declare a conflict of interest as it arises. Information and guidance on conflicts of interest is provided on the Secretariat [website](#).

The Secretariat can provide guidance regarding potential conflicts of interest in advance of or during the meeting.

2.2. Approval of the Agenda and Approval of the Consent Agenda

Motion: To approve the agenda as presented/amended, and to approve or receive for information the items on the consent agenda, listed as items 3.1 – 3.2.

Members wishing to have an item removed from consent to the regular agenda are asked to contact the Secretariat in advance of the meeting. Members may also request to have items moved to the regular agenda immediately prior to the approval of the agenda.

2.3. Business Arising from the Minutes*Renewal of Agreement with Beijing Jiaotong University*

Renewal of agreements will be going forward to Senate Undergraduate Council for information only. The vote for the last renewal will be noted for the record.

New Agreement with Sault College

New agreements are only brought forward for approval should they contain impacts to curriculum or other major/minor modifications that would otherwise be under the mandate of SUC. The Secretariat is currently working with internal stakeholders to provide clear and transparent guidelines on how new and revised agreements should be listed on the Senate Undergraduate Council, Senate Graduate Council, and Senate agendas.

Senate Alternative Credentials Committee Updates

An update about the Senate Alternative Credentials Committee was provided in a memo included in the agenda package.

Memorandum

To: SUC, SGC

Subject: Senate discussion of Senate Alternative Credentials Committee recommendation from SUC and SGC

From: David DeVidi, AVPA

Colleagues:

The SACC motion was on the agenda at the March Senate meeting. As often happens, the meeting was running far behind the anticipated timelines. As a result, the President ruled that everyone who had a question of comment would ask/comment, and only then would there be responses. As a result, several people asked the same or similar questions. Because it was taking a long time to get through these questions, the President deferred the vote to the next time SACC appeared on the Senate agenda.

I think that all of the questions are readily answered in a way that should be persuasive to Senators. I have included the questions and my answers below for the information of SUC and SGC members.

There was also a Senator who suggested that the concerns raised by SUC and SGC when we considered a proposal for a Senate Academic Innovation Committee *also* applied to the SACC proposal that SUC and SGC had recommended to Senate at around the same time. I have not provided an answer to this suggestion because I think it should seem manifestly untrue to the SUC and SGC members who attended the three discussions of the SACC idea a SUC and SGC and the discussions of the Senate Academic Innovation Committee proposal.

Here are the questions that were asked and my replies:

What is the scope of SACC approvals? As stated in the SACC Terms of Reference, the scope is “to approve, on behalf of Senate, alternative credentials, including microcredentials.” As specified in the “Mandate” section, “alternative” is essentially synonymous with “non-credit”, where “for credit” includes all courses and milestones that can count towards degrees.

All for credit credentials, from milestones to courses to options to minors to degree programs must be approved by Senate or (for courses, for instance) by SUC or SGC on behalf of Senate.

What about “stacking” of non-credit credentials into credits? This can only happen *if there is a credit credential (or part of a program leading to a credential, like a course) to “stack” into*. That is, if the leadership of a Waterloo program decides that certain non-credit credentials ought to count as equivalent to a for credit course (e.g., so that someone can count it towards a degree), *they can only do so if the course already “exists” in the sense of being approved by SUC or SGC and appearing in the relevant academic calendar*. SACC will not be approving the for credit offering and will not be the body determining equivalence to any for credit offering.

While it is not yet formalized, the “stacking” process proposed in the Credentials Framework report vests the decision about when non-credit credentials are sufficient, from an academic point of

view, to count as equivalent to a credit *with the academic program leadership* of the unit that offers the course. This is exactly parallel to how decisions are made about which credit courses offered by other institutions ought to count as equivalent to a Waterloo credit course.

Will SACC be approving “programs”? Like most vocabulary in this area, definitions are slippery. As noted above, *SACC will not approve for credit programs*, which includes things like programs leading to Bachelor, Masters or Doctoral degrees, minors, options, etc.

However, another appropriate use of the word “program,” the one recommended for use in the Credentials Framework report, is “a sequence of courses or milestones the successful completion of which results in the awarding of a credential.” In this sense SACC can approve a program, *if the credential is a non-credit credential*.

An example is the Sustainable Aviation Certificate, offered through the Waterloo Institute for Sustainable Aviation. In order to receive this certificate, learners must complete three somewhat independent courses, each of which results in awarding of a smaller certificate (e.g., “Aviation and Climate Change”). According to the definition of “program” just presented, the Sustainable Aviation Certificate is awarded after the completion of a program. The crucial point for present purposes is that it is *not* a for credit program.

Why are there no elected Senators on the SACC? This is not uncommon for Senate committees. For instance, the Senate AQuE committee need not have *elected* members, either of Senate or of SUG/SGC. But the most relevant analogue is the Curriculum Subcommittee of Senate Undergraduate Committee. The Curriculum Subcommittee includes the AVPA, the Associate Deans Undergraduate from each Faculty, an AFIW representative, student members, and (as non-voting supports) several expert staff members. This subcommittee reviews, on behalf of SUC, all of the undergraduate submissions that come forward. The membership is appropriate because these people have the relevant expertise to understand what to look for in a proposal for a new course, a modification of a program, or a new program proposal. Similarly, the proposal for SACC is that the people reviewing proposed non-credit credentials will have relevant expertise because they are their Faculty’s designated expert on lifelong learning offerings.

Why does it say that it is at the discretion of the SACC Chair that an item of controversy will be referred to Senate for discussion? Compare the comparable passage from Senate Undergraduate Council’s mandate in Bylaw 2: “Any matter of controversy that might arise may be referred to Senate.” The SACC wording is similarly vague about exactly when such a referral to Senate is appropriate, but less vague in that it assigns the job of referring to a particular individual.

Trying to specify in detail what should happen when there is controversy within SACC would be problematic, in that it might tie the hands of the committee in its attempts to resolve issues efficiently. For instance, some discussions within the current Alternative Credentials Approval Committee have led to further discussion with proponents of a particular credential idea and, often, revisions; some discussions have led to conversations between Deans or between a Dean and the Provost. To date, none have been of such a nature that referring to Senate or either SUC or SGC has seemed appropriate. The proposed description of SACC gives the license to so-refer an item if it seems to be one that would benefit from Senate consideration.

Why not add the approval of alternative credentials to the Senate agenda under the consent agenda before they are considered officially approved? What's the rush? This delay can sometimes cause problems. For instance, some one hour sessions aimed at CEOs for which WatSPEED has offered what is essentially a certificate of attendance were ones that (a) needed to be offered within a few weeks in order to draw an audience, (b) were to be delivered by recognized international experts from the University of Waterloo, and (c) drew large audiences and so were both reputation-burnishing for the University and revenue positive. Waiting for a month might have prevented this from happening. There are non-WatSPEED examples of, for instance, summer programs aimed at international learners that could not have been offered if ACAC approvals had taken months instead of days. The flexibility of these approval proposals is an important asset that we should preserve from ACAC.

Moreover, it is worth noting that requiring that non-credit offerings be on the consent agenda of Senate is requiring *a higher degree of Senate oversight than the University requires of for credit academic courses*. These are approved by SUC or SCG on behalf of Senate.

For the interest of Senators, here is a list of ACAC approvals in 2025, reproduced from the report from the Senate AQUe committee to Senate in February.

WatSPEED Offerings

Credential	Partners	Notes
Back end 1: Frameworks and Architecture	School of Computer Science/Inflection Group	Certificate of Achievement
Back end 2: Security, Database Design and Concurrency	School of Computer Science/Inflection Group	Certificate of Achievement
Cloud Computing and Security Essentials	School of Computer Science	Certificate of Achievement
Cloud Computing and Security Fundamentals	School of Computer Science	Certificate of Achievement
Cybersecurity and Privacy	Cybersecurity and Privacy Institute	Certificate of Attendance
Managing AI Projects	Vector Institute	Certificate of Completion
Neural Networks	Faculty of Engineering	Certificate of Completion
Python 2	School of Computer Science	Certificate of Achievement

Non-Credit Credentials not involving WatSPEED

Credential	Whose is it?	Notes
Leveraging AI to Improve Healthcare in Canada	School of Public Health Science (Health)	Certificate of completion
AI Enabled Healthcare	School of Public Health Sciences	Certificate of Completion
Land Development Bootcamp	Future Cities Institute (Environment)	Certificate of participation
Future Cities Field School	Future Cities Institute	Certificate of participation

Leadership Training Program in Entrepreneurship	Faculty of Engineering	Certificate of completion
Global Spotts Management Certificate: Leadership and Innovation	Department of Recreation and Leisure Studies (Health)	Certificate of participation
Municipal Climate Adaptation Certificate	Faculty of Environment	Certificate of completion
Systems and Platform Security	School of Computer Science	Certificate of Achievement

University of Waterloo
SENATE UNDERGRADUATE COUNCIL
Minutes of the February 4, 2026 Meeting

Present: Katherine Acheson, Faisal Al-Faisal, Veronica Austen, Makenzie Campbell, Benoit Charbonneau, Victoria Chu, Laura Deakin, David DeVidi [Chair], Tanraj Dulai, Leanne Ferries, Jason Grove, Tony Ly [Secretary], Carol Ann MacGregor, Sean Meehan, Damian Mikhail, Samantha Pater, Cynthia Richard, Sharon Roberts, Helen Shilomboleni, Robert Stark, Steven Singh, Ian VanderBurgh, Johanna Wandel, William Wong, Richard Wikkerink

Resources/Guests: Nasser Abukhdeir, Melissa Benjamin, Angela Christelis, Jennifer Coghlin, Ashley Day, Samantha Harley, Emily Hudson, Danielle Jeanneault, Carrie MacKinnon Molson, Nadia Singh, Rebecca Wickens

Regrets: Tom Duever, Vivek Goel, Joshua Stainton

Organization of Meeting: David DeVidi took the chair and Tony Ly acted as secretary. The secretary advised that quorum was present. The agenda was approved without a formal motion.

1. Governance Resources

This item was provided for information only.

2. Approval of the Agenda

Council heard a motion to approve or receive for information the items of the consent agenda. Charbonneau and Wandel. Carried.

The Secretariat received a request from a council member to remove the DATSC 101 motion from item 3.3.8 and item 3.4 from the consent agenda.

2.1. Conflict of Interest

No conflicts of interest were declared.

2.2. Approval of the Agenda and Consent Items

Council approved the agenda as amended.

2.3. Business Arising from the Minutes

The Chair advised that the Senate Alternative Credentials Committee (SACC) proposal will be presented to SEC and Senate. Feedback provided from the Senate Graduate Council (SGC) and Senate Undergraduate Council (SUC) will be incorporated in the revised SACC proposal. Ian VanderBurgh will be Acting Chair for item 9, Senate Academic Innovation Committee (SAIC).

3. Consent Agenda

Council approved items 3.1, 3.2, 3.3, 3.5 on behalf of Senate and received for information item 3.4.

3.1. Minutes of December 9, 2025 Meeting

Council approved the minutes of the meeting as distributed.

3.2. Awards and Scholarships

Council received for information and approved all new awards and scholarships.

3.3 Curricular Submissions

Council received for information item 3.3.1 and approved items 3.3.2 – 3.3.12 on behalf of Senate.

3.4. Renewal of Agreement with Beijing Jiaotong University

Renewal of agreements are provided to Senate Undergraduate Council for information only.

3.5. New Agreement with Sault College

New agreements are only brought forward for approval should they contain impacts to curriculum or other major/minor modifications that would otherwise be under the mandate of SUC.

4. Regular Agenda

5. Chair's Remarks

The Chair welcomed new members to the Senate Undergraduate Council. The Chair advised that there are many items on the agenda and asked members to keep their comments brief.

6. Curricular Submissions

6.1. Report from the SUC Curriculum Subcommittee

Council received a report from the SUC Curriculum Subcommittee for information only.

6.2. Faculty of Arts

Acheson provided an overview of the program changes from the departments and the regulation changes from the Faculty of Arts.

A motion was heard to recommend to SUC that Senate approve the major plan modifications for the Faculty of Arts School of Accounting and Finance, Department of Communication Arts, Department of Economics, Renison University College programs, and regulation changes, effective September 1, 2026, as presented. Acheson and Charbonneau. Carried.

6.3 – 6.5. Faculty of Engineering

Grove introduced the proposed major modifications from the Faculty of Engineering. Grove also presented information for the changes from the Department of Civil and Environmental Engineering and the Department of Systems Design Engineering. Additional consultation with the Faculty of Health, Faculty of Science, and Faculty of Mathematics was completed. The name for the Sports Engineering specialization was adjusted to be Biomechanical and Rehabilitation Engineering. The regulation changes include updated details to clarify outdated descriptions. Grove will work with the Office of the Registrar to address any further editorial changes.

A motion was heard to recommend to SUC that Senate approve the major plan modifications for the Faculty of Engineering Biomedical Imaging Technologies Specialization, Diploma in Business and Entrepreneurship programs, and regulation changes, effective September 1, 2026, as presented. Grove and Wikkerink. Carried.

A motion was heard to recommend that SUC approve the submitted new courses for the Department of Civil and Environmental Engineering, effective September 1, 2026, as presented. Grove and Wikkerink. Carried.

A motion was heard to recommend that SUC approve the submitted retired courses, new courses, course changes, and minor plan modifications for the Department of Systems Design Engineering, effective September 1, 2026, as presented. Grove and Wikkerink. Carried.

6.6. Faculty of Environment

Wandel provided a presentation about the changes for the specializations and regulations from the Faculty of Environment. A new Certificate in Geographic Information Systems was created.

A motion was heard to recommend to SUC that Senate approve the major plan modifications for the Faculty of Environment Geographic Information Systems Certificate, Environment, Society and Well-Being Specialization, Remote Sensing Specialization programs, and regulation changes, effective September 1, 2026, as presented. Wandel and Ferries. Carried.

6.7. Faculty of Mathematics

Charbonneau described the major modifications for the Data Science program and the changes for DATSC 101 that was removed from the consent agenda. All students will have access to DATSC 101. The motion for DATSC 101 is amended: the academic unit was changed to the Dean of Mathematics Office.

A motion was heard to recommend to SUC that Senate approve the major plan modifications for the Faculty of Mathematics Data Science program, effective September 1, 2026, as presented. Charbonneau and Deakin. Carried.

A motion was heard to recommend that SUC approve the changes for the DATSC 101 – Introduction to Data Science, effective September 1, 2026, as amended. Charbonneau and Deakin. Carried.

6.8. Faculty of Science

Deakin presented the major modifications from the Faculty of Science. The changes for the Advanced Physics Option will allow students to get a credential recognizing their accomplishments. The Aviation Minor was developed in consultation with the Faculty of Environment and will provide students with a different pathway. The regulation changes provided clarification about the process for students transferring out of the Bachelor of Medical Sciences program.

A motion was heard to recommend to SUC that Senate approve the major plan modifications for the Faculty of Science Advanced Physics Option, Aviation Minor, and regulation changes, effective September 1, 2026, as presented. Deakin and Ferries. Carried.

6.9. Office of the Registrar

VanderBurgh presented a summary of the new regulations and changes from the Office of the Registrar.

A motion was heard to recommend to SUC that Senate approve the Office of the Registrar new regulation and regulation changes, effective September 1, 2026, as presented. VanderBurgh and Acheson. Carried.

7. Faculty of Environment – Joint Education Institutes

The Chair noted that this item is being provided for discussion and consultation only. Wickens presented an overview of the new joint education model with international institutions that differ from traditional agreements. The program will be delivered at the partnered institution. Students would be admitted to the University of Waterloo and a partner institution in China. This model has been implemented in the United Kingdom, Australia, and New Zealand. The policy framework, business terms, and operational considerations are currently being reviewed. Discussion from council members focused on the process for curriculum changes, intellectual property, governance oversight, risk management, and strategic priorities. Wickens will provide council members with a list of institutions with similar agreements. Council members were invited to send Wickens their questions and feedback.

8. Policy 70 Consultation

Singh provided a presentation about changes to Policy 70. Initial work to revise Policy 70 began in 2017. Council members raised questions about membership, decision-making authority, and specific language used in sections 6 and 8. Members were invited to send additional comments to Singh.

9. Senate Academic Innovation Committee

The Acting Chair, Ian VanderBurgh, noted he would be chairing this portion of the meeting. Abukhdeir presented a proposal for the Senate Academic Innovation Committee (SAIC). This proposal was inspired by the work of the Academic Innovation Working Group (AIWG) and is intended to provide a long-term governance structure for academic innovation at the University of Waterloo. The proposed committee would focus on reviewing and advising on academic innovation initiatives, alternative credentials, and would operate with oversight from the Senate Undergraduate Council (SUC) and Senate Graduate Council (SGC). Abukhdeir emphasized that SAIC would not

develop initiatives, but would receive proposals for information, address governance gaps, and ensure initiatives are appropriately reviewed through Senate processes.

Discussion followed and council members raised the following concerns: 1) unclear definition and scope of academic innovation; 2) duplication of work — similar work is already completed at the Faculty level, Teaching Innovation Incubator, and existing governing bodies such as SUC and SGC; 3) overlapping activities with current curriculum development and academic program approval processes; 4) the approval process of alternative credentials; 5) the resource and funding implications; 6) need clearer definitions within the Terms of Reference; and 7) to explicitly distinguish the role of SAIC from existing governance processes.

10. Senate Undergraduate Council Mandate Review

The Chair provided an introduction for the Senate Undergraduate Council mandate review. Ly highlighted findings from an environmental scan of the U15. Key discussion points included: amendments to Senate Bylaw 2, opportunities for enhancing curriculum processes, improving communication to campus stakeholders, subcommittee membership, and student involvement. Members were invited to submit additional feedback to the Secretariat.

11. Items Removed from the Consent Agenda

The Chair invited Charbonneau to speak about item 3.4, Renewal of Agreement with Beijing Jiaotong University. Charbonneau requested additional information about the agreement. Deakin mentioned that this is a renewal with a partnered institution in China. Concerns were raised if this agreement is not renewed because students have already been admitted to the program. Members discussed whether renewal of agreements should be approved at the Senate Undergraduate Council.

The Secretariat is currently working with internal stakeholders to provide clear and transparent guidelines on how new and revised agreements should be listed on the Senate Undergraduate Council, Senate Graduate Council, and Senate agendas. The vote for the last renewal will be noted for the record.

A motion was heard to recommend that SUC approve the Renewal of Agreement with Beijing Jiaotong University, as presented. Deakin and Mikhail. Carried. There were 10 noted abstentions and 1 voted to oppose the motion.

12. Other Business

No other items of business were identified.

13. Adjournment

With no further business, the meeting was adjourned. The next meeting of the Senate Undergraduate Council will be held on April 7, 2026 from 10:00 a.m. - 12:00 p.m.

For Approval**Consent Agenda**

To:	Senate Undergraduate Council
Sponsor/Presenter:	David DeVidi, Associate Vice-President, Academic
Date of Meeting:	April 7, 2026
Agenda Item Identification:	3.2.1. SUC Curriculum Subcommittee Report: Consent Agenda for Approval

Recommendation/Motion

To approve the following curricular motions on behalf of Senate, as presented:

- i. Faculty of Mathematics – Consent Agenda
To recommend that SUC approve, through its consent agenda, the submitted course changes for the Faculty of Mathematics, effective September 1, 2027, as presented.
- ii. Faculty of Science – Consent Agenda
To recommend that SUC approve, through its consent agenda, the submitted retired course, new courses, course changes for the Faculty of Science, effective September 1, 2027, as presented.

Summary

The SUC Curriculum Subcommittee has reviewed and agreed, via an e-vote which closed on January 26, 2026 to recommend to SUC for approval or receive for information as part of the consent agenda, the items included in the subsequent sections of this report (3.2.2 – 3.2.3).

To support easier navigation, items are also available in Quali Curriculum Management (CM) via the following links. Please review the [online guide](#) for additional information about Quali CM. If you have any issues accessing the links below, please contact Tony Ly, Governance Officer, for support.

- i. [Faculty of Mathematics – Consent Agenda](#)
- ii. [Faculty of Science – Consent Agenda](#)

Jurisdictional Information

As provided for in [Senate Bylaw 2](#), section 5.03, council is empowered to make approvals on behalf of Senate for a variety of operational matters:

- c. Make recommendations to Senate with respect to new undergraduate programs/plans, the deletion of undergraduate programs/plans, and major changes to undergraduate programs/plans.

Governance Path

Senate Undergraduate Council, Curriculum Subcommittee: March 27, 2026 (via e-vote)
Senate Undergraduate Council: April 7, 2026 (prospective)

Documents Included

- 3.2.2. Faculty of Mathematics
- 3.2.3. Faculty of Science

Date 2026/03/30

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Meeting Information

Agenda Page TitleSUC - 2026-04 - Consent Agenda - Faculty of Mathematics

Career Level
Undergraduate,

Faculty/UnitMathematics

Date2026-04-07

Summary

The following motion was approved at UAC on January 19, 2026 and at Math Faculty Council on February 24, 2026.

1. Course Change (Motion 1)

- CS338

Course Proposals

Courses: Retire No proposals have been added.

Courses: New No proposals have been added.

Courses: Changes

Code	Title	Type	Workflow Step
<u>CS 338</u>	Computer Applications in Business: Databases	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Programs & Plans Proposals

Programs & Plans: Retire No proposals have been added.

Programs & Plans: Major Modifications No proposals have been added.

Programs & Plans: Minor Modifications No proposals have been added.

Regulations Proposals

Regulations: Retire No proposals have been added.

Regulations: New No proposals have been added.

Regulations: Changes No proposals have been added.

Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2024

Offering Number

1

Proposal Details

Proposal Type

Change,

Academic Unit Approval

2026-01-14

Unit Weight/Number Changes

No,

Rationale for Change

We wish to add a TST slot to CS 338 in the calendar to facilitate the scheduling of midterm exams.

Approved at UAC 20260119

Approved at FC 20260224

Course Information

Faculty

Faculty of Mathematics

Academic Unit

David R. Cheriton School of
Computer Science

Subject Code

CS

Number

338

Course Level

300

Title

Computer Applications in Business: Databases

Abbreviated Title

Comp Applic in Bus Databases

**Undergraduate Communication
Requirement Identifier**

No,

Description

A user-oriented approach to the management of large collections of data. Methods used for the storage, selection, and presentation of data. Common database management systems.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Proposed
Components
Test Slot
Existing
Components

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Must have completed at least 1 of the following:
 - AFM341 - Accounting Information Systems (0.50)
 - Must have completed at least 1 of the following:

Corequisites

No Rules

Antirequisites

Complete all of the following

- Not completed nor concurrently enrolled in:
 - CS348 - Introduction to Database Management (0.50)
 - CS448 - Database Systems Implementation (0.50)
- Not completed nor concurrently enrolled in the following: MSCI346
- Not open to students enrolled in H-BBA & BCS Double Degree, H-Computer Science (BCS), H-Computer Science (BMath), JH-Computer Science (BCS), JH-Computer Science (BMath), H-Computing & Financial Management, H-Data Science (BCS), or H-Software Engineering

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Mathematics

Dependencies

Antirequisites

- MSE 245 - Databases and Software Design
- CS 348 - Introduction to Database Management

[View Program](#)

[View Program](#)

Course Requirements (no units)

- CPA-Data Analytics Specialization - Data Analytics Specialization

[View Program](#)

Specializations

- H-Mathematical Optimization - Operations Research Specialization - Mathematical Optimization - Operations Research Specialization (Bachelor of Mathematics - Honours) [View Program](#)
- H-Mathematical Optimization - Business Specialization - Mathematical Optimization - Business Specialization (Bachelor of Mathematics - Honours) [View Program](#)

Course Requirements (no units)

- H-Mathematics/Business Administration - Mathematics/Business Administration (Bachelor of Mathematics - Honours) [View Program](#)
- H-Mathematics/Teaching - Mathematics/Teaching (Bachelor of Mathematics - Honours) [View Program](#)
- H-Information Technology Management - Information Technology Management (Bachelor of Mathematics - Honours) [View Program](#)

Course Requirements (units)

- Health Informatics Option - Health Informatics Option [View Program](#)

Course Requirements (no units)

- MS-Business Specialization - Business Specialization [View Program](#)

Specializations

- H-Math/FARM - Professional Risk Management Spec - Mathematics/Financial Analysis and Risk Management - Professional Risk Management Specialization (Bachelor of Mathematics - Honours) [View Program](#)

Course Requirements (no units)

- H-Data Science (BMath) - Data Science (Bachelor of Mathematics - Honours) [View Program](#)
- H-Geospatial Data Science - Geospatial Data Science (Bachelor of Environmental Studies - Honours) [View Program](#)
- JH-Geospatial Data Science - Geospatial Data Science (Joint Honours) [View Program](#)
- H-Chemistry - Computational Specialization - Chemistry - Computational Specialization (Bachelor of Science - Honours) [View Program](#)

Course Lists

- Computing Option - Computing Option [View Program](#)
- Computer Engineering Option - Computer Engineering Option
- Software Engineering Option - Software Engineering Option [View Program](#)
[View Program](#)

Date 2026/03/20

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Meeting Information

Agenda Page TitleSUC - 2026-04- Consent Agenda - Faculty of Science

Faculty/UnitFaculty of Science

Time

Location

Summary

Faculty of Science Report

The following motion was approved at the Science Undergraduate Studies Committee (SUSC) Feb. 11, 2026 and Science Faculty Council (SFC) Feb. 24, 2026.

Motion 1: To approve the retirement of SCBUS 425, changes to SCBUS 123, 223, 323, 423 and 424, two new courses, SCBUS 498 and 499, as detailed in the Kual proposals included in this agenda.

Other Business

Related agenda:

SUC - 2026-04 - Regular Agenda - Faculty of Science

- H- Science and Business, Biochemistry Specialization (retirement)
- H- Science and Business, Biology Specialization (retirement)
- H- Science and Business, Biotechnology Specialization (retirement)

Course Proposals

Course Proposal Details

Retire

SCBUS 425- Due to low enrolment.

New

SCBUS 498, 499- Two new capstone courses for Science and Business plan. Students will have the opportunity to connect with the interdisciplinary capstone team.

Changes

SCBUS 123, 223, 323, 423, and 424- titles, descriptions, requisites, and components to align with what is currently being taught. These courses are at the intersection of Science and Business and have significant opportunities for students to meet alumni and experts that have bridges in these disciplines.

Courses: Retire

Code	Title	Type	Workflow Step
SCBUS 425	Workshop 6: Challenges in Globalizing Science and Technology	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Courses: New

Code	Title	Type	Workflow Step
SCBUS 498	Science and Business Capstone Project 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
SCBUS 499	Science and Business Capstone Project 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Courses: Changes

Code	Title	Type	Workflow Step
SCBUS 123	Foundations in Science and Business	Courses	SUC Subcommittee, SUC Curricular Subcommittee
SCBUS 223	Customers, Markets, and Innovation	Courses	SUC Subcommittee, SUC Curricular Subcommittee
SCBUS 323	Technology, Innovation, and Global Strategies	Courses	SUC Subcommittee, SUC Curricular Subcommittee
SCBUS 423	Strategic Management of Science and Business	Courses	SUC Subcommittee, SUC Curricular Subcommittee
SCBUS 424	Special Topics in Science and Business	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Programs & Plans Proposals

Programs & Plans Proposal Details

Programs & Plans: Retire No proposals have been added.

Programs & Plans: Major Modifications No proposals have been added.

Programs & Plans: Minor Modifications No proposals have been added.

Regulations Proposals

Regulations: Retire No proposals have been added.

Regulations: New No proposals have been added.

Regulations: Changes No proposals have been added.

SCBUS 425 - Workshop 6: Challenges in Globalizing Science and Technology

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Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2024

Offering Number

1

Proposal Details**Proposal Type**

Retire,

Academic Unit Approval

2025-12-12

Last Offering of Course

Winter 2025

Retired Impact

No,

Rationale for Change

A total of four students have taken SCBUS 425 since 2022; one in the winter 2022 term and three in the winter 2023 term. There was no interest in 2024 or 2025 offerings, thus it was not offered in winter 2026.

SCBUS 425 will retire due low or no interest.

Course Information**Faculty**

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

425

Course Level

400

Title

Workshop 6: Challenges in Globalizing Science and Technology

Abbreviated Title

Challenges: Global Sci & Tech

Undergraduate Communication Requirement Identifier

No,

Description

This workshop addresses the implications for Canadian science and technology based firms of competing in the global competitive environment.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Components

LaboratoryLecture

Primary Component

Lecture

Grading Information**Standard Course Grading**

Yes,

Cross-Listing Information**Is this course cross-listed?**

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

- 1. Complete all of the following
 - Enrolled in:

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

There are no dependencies

SCBUS 498 - Science and Business Capstone Project 1

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Effective Date & Career

Career

Undergraduate,

Effective Term and Year

Fall 2027

Proposal Details

Proposal Type

New,

Academic Unit Approval

2025-12-12

Rationale for New Course

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, strengthening its focus on linking scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, building core skills in business fundamentals, project management, systems thinking, and supply chain management. The curriculum is designed to help students turn scientific ideas into impactful products and solutions.

SAF provided expertise to refine the business curriculum, identifying foundational courses and integrating them with SCBUS courses that apply business concepts to scientific contexts.

As part of these revisions, two new capstone courses (SCBUS 498, SCBUS 499) are added to the program. This aligns with other faculty and interdisciplinary capstone experiences for these students. SCBUS 423 (Strategic Management) will be a corequisite to provide students with enough information to help them launch their projects with stakeholders.

SCBUS 498 and 499 will be graded independently of each other, each having different learning outcomes. IP grades will not be used or needed.

Consultations

Planning for revisions to Science and Business program was done in conjunction with SAF (Fall 2025);

The addition of the new capstone courses (SCBUS 498 and 499) was decided upon by the Faculty of Science together with SAF.

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

498

Course Level

400

Title

Science and Business Capstone Project 1

Abbreviated Title

Capstone Project 1

Undergraduate Communication Requirement Identifier

No,

Description

The first of two required courses for the Science and Business capstone project where students will work together in small groups to design a project that solves a real-world problem. Students will communicate the challenge or opportunity; engage relevant stakeholders; create an achievable project proposal; research contextual factors, risks, and industry data; devise feasible solutions to solve the identified problem; identify a successful solution; present their work and draft a report summarizing their work.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Components

Project

Primary Component

Project

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Corequisites

Completed or concurrently enrolled in:

- SCBUS423 - Workshop 4: Strategic Management of Science and Business (0.50)

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

There are no dependencies

SCBUS 499 - Science and Business Capstone Project 2

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Effective Date & Career

Career

Undergraduate,

Effective Term and Year

Fall 2027

Proposal Details

Proposal Type

New,

Academic Unit Approval

2025-12-12

Rationale for New Course

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, strengthening its focus on linking scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, building core skills in business fundamentals, project management, systems thinking, and supply chain management. The curriculum is designed to help students turn scientific ideas into impactful products and solutions.

SAF provided expertise to refine the business curriculum, identifying foundational courses and integrating them with SCBUS courses that apply business concepts to scientific contexts.

As part of these revisions, two new capstone courses (SCBUS 498, SCBUS 499) are added to the program. This aligns with other faculty and interdisciplinary capstone experiences for these students. SCBUS 498 is a prerequisite for SCBUS 499.

SCBUS 498 and 499 will be graded independently of each other, each having different learning outcomes. IP grades will not be used or needed.

Consultations

Planning for revisions to Science and Business program was done in conjunction with SAF (Fall 2025);

The addition of the new capstone courses (SCBUS 498 and 499) was decided upon by the Faculty of Science together with SAF.

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

499

Course Level

400

Title

Science and Business Capstone Project 2

Abbreviated Title

Capstone Project 2

Undergraduate Communication Requirement Identifier

No,

Description

The second of two required courses for the Science and Business capstone project where students will work together in small groups to design a project that solves a real-world problem. Students will continue to manage and build on their capstone projects, revise the proposed solution to their identified problem, prototype and iterate based on stakeholder feedback. At the end of the course, students will publicly present their capstone project work and complete a final report detailing their project and results.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Components

Project

Primary Component

Project

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Must have completed the following:
 - SCBUS498 - Science and Business Capstone Project 1 (0.50)

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

There are no dependencies

SCBUS 123 - Foundations in Science and Business

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Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and
Year

Fall 2027

Existing

Offering Number

1

Proposal Details

Proposal Type

Change,

Academic Unit Approval

2025-12-12

Unit Weight/Number Changes

No,

Rationale for Change

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, enhancing its focus on connecting scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, strengthening core skills in business fundamentals, project management, systems thinking, and supply chain management to help students transform scientific ideas into real-world solutions.

SAF guided updates to the business curriculum, refining foundational courses and aligning them with SCBUS offerings that apply business concepts in scientific contexts. Course titles, descriptions, and delivery components for SCBUS 123, 223, 323, and 423 have been updated to reflect current teaching practices. These changes formalize what is already being delivered, so in-progress students will not be disadvantaged.

SCBUS 123 will be restricted to students in the Science and Business program. With specializations retiring and the course positioned in first year, prerequisites are updated to remove both the level and retired programs.

The Discussion and Laboratory components are removed as this courses has been offered using only the primary Lecture component for the past five years. A Tutorial component is added allowing for student group work and/or guest speakers, as required. A Test Slot component is also added to be available when required for future offerings.

Consultations

Consults between science (L. Deakin, L. Balch) and SAF (B. Phillips, B. Belton) occurred via email (last few

emails for course changes confirmed Jan 27 and Feb 2, 2026).

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

123

Course Level

100

Proposed

Title

Foundations in Science and Business

Existing

Title

Workshop 1: Science and Business

Proposed

Abbreviated Title

Science & Business Foundations

Existing

Abbreviated Title

Science & Business

Undergraduate Communication Requirement Identifier

No,

Proposed

Description

This course introduces the intersection of scientific discovery and business strategy. Students explore innovation processes, global and cultural awareness, sustainability, and ethical reasoning. Through cases and applied exercises, they develop foundational skills in strategic thinking, intellectual property, and commercialization. Guests will provide examples from various scientific disciplines. Emphasis is placed on understanding how science-driven ideas create value within a global, responsible, and interconnected economy.

Existing

Description

This workshop addresses concepts of technology development and related marketing aspects that undertake an analysis of a firm's existence, its physical and/or social media presence, and customer feedback. Students work in collaborative teams to tackle case studies and class exercises. A major deliverable is the development of a team marketing plan, where market segments are identified based on revenue and market potential. This involves conducting a PESTLE and SWOT analysis, market planning, information retrieval strategies, scientific business forecasting, competitive intelligence, and product development. Results are presented orally and in writing.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Proposed

Components

Lecture

Existing

Components

Discussion

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Enrolled in:

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 223 - Workshop 2: Strategies Behind Technological Innovation

[View Program](#)

- SCBUS 424 - Workshop 5: Special Topics in Science and Business

[View Program](#)

Course Requirements (units)

- H-Science & Business - Biotechnology Specialization - Science and Business - Biotechnology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biology Specialization - Science and Business - Biology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biochemistry Specialization - Science and Business - Biochemistry Specialization (Bachelor of Science - Honours) [View Program](#)

Course Requirements (no units)

- H-Science & Business - Science and Business (Bachelor of Science - Honours) [View Program](#)

SCBUS 223 - Customers, Markets, and Innovation

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Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and Year
Fall 2027

Existing

Effective Term and Year
Fall 2024

Offering Number

1

Proposal Details

Proposal Type

Change,

Academic Unit Approval

2025-12-12

Unit Weight/Number Changes

No,

Rationale for Change

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, enhancing its focus on connecting scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, strengthening core skills in business fundamentals, project management, systems thinking, and supply chain management to help students transform scientific ideas into real-world solutions.

SAF guided updates to the business curriculum, refining foundational courses and aligning them with SCBUS offerings that apply business concepts in scientific contexts. Course titles, descriptions, and delivery components for SCBUS 123, 223, 323, and 423 have been updated to reflect current teaching practices. These changes formalize what is already being delivered, so in-progress students will not be disadvantaged.

Prerequisites for SCBUS 223 are updated to remove retired programs, and the Laboratory component is removed, not having been used in the past five years. A Tutorial component is added allowing for student group work and/or guest speakers, as required. A Test Slot component is also added to be available when required for future offerings.

Consultations

Consults between science (L. Deakin, L. Balch) and SAF (B. Phillips, B. Belton) occurred via email (last few emails for course changes confirmed Jan 27 and Feb 2, 2026).

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

223

Course Level

200

Proposed

Title

Customers, Markets, and Innovation

Existing

Title
Workshop 2: Strategies Behind Technological Innovation

Proposed

Abbreviated Title
Customers, Markets & Innov

Existing

Abbreviated Title
Strat Behind Tech Innovation

Undergraduate Communication Requirement Identifier

No,

Proposed

Description

This course explores how organizations identify customer needs and transform them into innovative products and services. Students learn market research methods, value proposition design, marketing strategy, and responsible corporate practice. Examples will be taken from innovations in deep technologies. Emphasis is placed on customer insight, product development, and risk awareness within technology-based and sustainable business environments.

Existing

Description

This workshop is organized as a strategic management process, focusing on the management of technology, innovation, research and development in scientific team-based settings. Students working in groups analyze real business ventures, their launch, and growth, synthesizing major field research to develop a term deliverable in the form of a company report and final project presentation. Students engage in experiential learning involving theory, case studies, scientific team debates, and critical reasoning.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Proposed

Components

Lecture Tutorial

Existing

Components

Laboratory

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Must have completed the following:
 - SCBUS123 - Workshop 1: Science and Business (0.50)
 - Enrolled in:

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 323 - Workshop 3: Technology Development [View Program](#)
- SCBUS 424 - Workshop 5: Special Topics in Science and Business [View Program](#)

Course Requirements (units)

- H-Science & Business - Biotechnology Specialization - Science and Business - Biotechnology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biology Specialization - Science and Business - Biology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biochemistry Specialization - Science and Business - Biochemistry Specialization (Bachelor of Science - Honours) [View Program](#)

Course Requirements (no units)

- H-Science & Business - Science and Business (Bachelor of Science - Honours) [View Program](#)

SCBUS 323 - Technology, Innovation, and Global Strategies

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Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2025

Offering Number

1

Proposal Details**Proposal Type**

Change,

Academic Unit Approval

2025-12-27

Unit Weight/Number Changes

No,

Rationale for Change

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, enhancing its focus on connecting scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, strengthening core skills in business fundamentals, project management, systems thinking, and supply chain management to help students transform scientific ideas into real-world solutions.

SAF guided updates to the business curriculum, refining foundational courses and aligning them with SCBUS offerings that apply business concepts in scientific contexts. Course titles, descriptions, and delivery components for SCBUS 123, 223, 323, and 423 have been updated to reflect current teaching practices. These changes formalize what is already being delivered, so in-progress students will not be disadvantaged.

Prerequisites for SCBUS 323 are updated to remove retired programs, and the Laboratory component is removed, not having been used in the past five years. A Tutorial component is added allowing for student group work and/or guest speakers, as required. A Test Slot component is also added to be available when required for future offerings.

Consultations

Consults between science (L. Deakin, L. Balch) and SAF (B. Phillips, B. Belton) occurred via email (last few emails for course changes confirmed Jan 27 and Feb 2, 2026).

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

323

Course Level

300

Proposed

Title

Technology, Innovation, and Global Strategies

Existing

Title

Workshop 3: Technology Development

Proposed

Abbreviated Title

Tech, Innov & Global Strategy

Existing

Abbreviated Title

Technology Development

Undergraduate Communication Requirement Identifier

No,

Proposed

Description

In this course, students examine how organizations use technology and data to compete in global markets. Topics include digital transformation, business model innovation, global market entry, and responsible use of emerging technologies. Students learn to connect scientific innovation to

international strategy, equipping students with analytical and creative tools to manage science-driven enterprises in a rapidly changing world. Specific examples will be discussed.

Existing

Description

A senior honours project focusing on technology innovation, assessment of the current utility of a technology, scale-up of the technology, projected return on investment and hurdles (production, regulatory, market competition, intellectual property protection). The major class project focuses on the development of a business plan for a product that could be commercialized. Applications, implications, cost benefit analysis, feasibility, etc. are included.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Proposed

Components

Test Slot Tutorial

Existing

Components

Laboratory

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Must have completed the following:
 - SCBUS223 - Workshop 2: Strategies Behind Technological Innovation (0.50)
 - Enrolled in:

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 423 - Workshop 4: Strategic Management of Science and Business [View Program](#)
- SCBUS 424 - Workshop 5: Special Topics in Science and Business [View Program](#)

Course Requirements (units)

- H-Science & Business - Biotechnology Specialization - Science and Business - Biotechnology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biology Specialization - Science and Business - Biology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biochemistry Specialization - Science and Business - Biochemistry Specialization (Bachelor of Science - Honours) [View Program](#)

Course Requirements (no units)

- H-Science & Business - Science and Business (Bachelor of Science - Honours) [View Program](#)

SCBUS 423 - Strategic Management of Science and Business

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Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2026

Offering Number

1

Proposal Details

Proposal Type

Change,

Academic Unit Approval

2025-12-12

Unit Weight/Number Changes

No,

Rationale for Change

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, enhancing its focus on connecting scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, strengthening core skills in business fundamentals, project management, systems thinking, and supply chain management to help students transform scientific ideas into real-world solutions.

SAF guided updates to the business curriculum, refining foundational courses and aligning them with SCBUS offerings that apply business concepts in scientific contexts. Course titles, descriptions, and delivery components for SCBUS 123, 223, 323, and 423 have been updated to reflect current teaching practices. These changes formalize what is already being delivered, so in-progress students will not be disadvantaged.

Prerequisites for SCBUS 423 are updated to remove retired programs, and the Laboratory component is removed, not having been used in the past five years, with the exception of fall 2025, to allow break out groups from the lecture. A Tutorial component is added as a better secondary component, replacing the lab, allowing for student group work and/or guest speakers, as required. A Test Slot component is also added to be available when required for future offerings.

Consultations

Consults between science (L. Deakin, L. Balch) and SAF (B. Phillips, B. Belton) occurred via email (last few emails for course changes confirmed Jan 27 and Feb 2, 2026).

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

423

Course Level

400

Proposed

Title

Strategic Management of Science and Business

Existing

Title

Workshop 4: Strategic Management of Science and Business

Abbreviated Title

Strategic Management

Undergraduate Communication Requirement Identifier

No,

Proposed

Description

This course integrates management, innovation, and sustainability concepts through real or simulated projects. Students apply strategic analysis, systems thinking, and project management to address contemporary issues at the interface of science and business. Emphasis is placed on ethical leadership, responsible decision-making, and the integration of scientific knowledge into organizational strategy and performance. Students will learn how to connect with scientific experts and enterprises driving product development.

Existing

Description

Current real-world issues and problems in the strategic management of startups and scientific/technology companies are addressed, based on the use of publicly available information including research findings. Working in groups, students will address the topics to be pursued, including both scientific and business/economic aspects. Assignments result in a written strategic plan, which is formally presented to the class.

Units

0.50

Exceptions to Fees or Academic Progress

Units

No,

Proposed

Components

Lecture Tutorial

Existing

Components

Laboratory

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?

No,

Enrolment Rules

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Must have completed the following:

- SCBUS323 - Workshop 3: Technology Development (0.50)
 - Enrolled in:

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 424 - Workshop 5: Special Topics in Science and Business [View Program](#)

Course Requirements (units)

- H-Science & Business - Biotechnology Specialization - Science and Business - Biotechnology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biology Specialization - Science and Business - Biology Specialization (Bachelor of Science - Honours) [View Program](#)
- H-Science & Business - Biochemistry Specialization - Science and Business - Biochemistry Specialization (Bachelor of Science - Honours) [View Program](#)

Course Requirements (no units)

- H-Science & Business - Science and Business (Bachelor of Science - Honours) [View Program](#)

SCBUS 424 - Special Topics in Science and Business

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Effective Date & Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2026

Offering Number

1

Proposal Details

Proposal Type

Change,

Academic Unit Approval

2025-12-12

Unit Weight/Number Changes

No,

Rationale for Change

SCBUS 424 is a capstone-project workshop elective for Science and Business students, but enrolment has historically been very low because students currently have one or fewer electives available in their plans.

As part of the 2027 Science and Business program revision, developed jointly by the Faculty of Science and the School of Accounting and Finance (SAF), elective space will increase from 0.5 to 2.0 units, and students will complete new required capstone courses (SCBUS 498 and 499) in fourth year. As a result, a separate capstone elective is no longer needed.

SCBUS 424 will be repurposed as a Special Topics umbrella course for emerging subjects in science and business. Students may use their expanded elective space to take one or more of these topic courses. Prerequisites are removed to allow flexibility, as topics may be suitable for students at different stages of the program.

While SCBUS 423 is currently listed as a prerequisite, students who took SCBUS 424 in 2023 will no longer be enrolled when new Special Topics offerings begin, so no antirequisite is required. Department consent will be used when specific prerequisites are needed, consistent with other topics-based courses.

Historic enrolment for SCBUS 424:

- Winter 2021: 1 student
- Winter 2022: 5 students
- Winter 2023: 2 students
- Winter 2024: 0 students
- Winter 2025: cancelled due to no/low enrolment
- Winter 2026: not offered

Consultations

Planning for revisions to Science and Business program was done in conjunction with SAF (Fall 2025);

The addition of the new capstone courses (SCBUS 498 and 499) and retention of SCBUS 424 as a special topics course, was decided upon by the Faculty of Science together with SAF.

Course Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Subject Code

SCBUS

Number

424

Course Level

400

Proposed

Title

Special Topics in Science and Business

Existing

Title

Workshop 5: Special Topics in Science and Business

Abbreviated Title

Special Topics

Undergraduate Communication Requirement Identifier

No,

Proposed**Description**

This special topics course covers materials in selected areas of science and business.

Existing**Description**

This capstone-project workshop addresses the formulation of firm-wide strategic plans (e.g., business cases, marketing plans, strategic plans) for science and technology based startups and traditional firms. It provides a framework for developing and implementing business strategies and the related documentation that fits a firm's environment, human resources, markets, managerial styles and organization. This course involves significant group work under the supervision of a Science and Business instructor. A written report and seminar presentation are required. A special capstone project is also required.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Proposed**Components**

Lecture

Existing**Components**

Laboratory

Primary Component

Lecture

Grading Information**Standard Course Grading**

Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Proposed

Can this course be repeated for credit?

Yes,

Existing

Can this course be repeated for credit?

No,

Proposed

Total Completions Allowed

05

Existing

Total Completions Allowed

Proposed

Allow Multiple Enrol in a Term

Yes,

Existing

Allow Multiple Enrol in a Term

Enrolment Rules

Proposed

Consent to Add

Department consent required,

Existing

Consent to Add

No consent required,

Consent to Drop

No consent required,

Prerequisites

1. Complete all of the following
 - Enrolled in:

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Science

Dependencies

There are no dependencies

For Approval**Regular Agenda**

To:	Senate Undergraduate Council
Sponsor/Presenter:	David DeVidi, Associate Vice-President, Academic
Date of Meeting:	April 7, 2026
Agenda Item Identification:	6.1. SUC Curriculum Subcommittee Report: Regular Agenda for Approval

Recommendation/Motion

To recommend that Senate approve the following curricular motions, as presented:

- i. Faculty of Science – Regular Agenda
To recommend to SUC that Senate approve the major modifications for the Biochemistry Specialization, Biology Specialization, and Biotechnology Specialization for the Faculty of Science, effective September 1, 2027, as presented.

Summary

The SUC Curriculum Subcommittee has reviewed and agreed, via an e-vote which closed on January 26, 2026 to recommend to SUC for approval or receive for information as part of the regular agenda, the items included in the subsequent sections of this report (6.2).

To support easier navigation, items are also available in Quali Curriculum Management (CM) via the following links. Please review the [online guide](#) for additional information about Quali CM. If you have any issues accessing the links below, please contact Tony Ly, Governance Officer, for support.

- i. [Faculty of Science – Regular Agenda](#)

Jurisdictional Information

As provided for in [Senate Bylaw 2](#), section 5.03, council is empowered to make approvals on behalf of Senate for a variety of operational matters:

- b. Make recommendations to Senate with respect to new undergraduate programs/plans, the deletion of undergraduate programs/plans, and major changes to undergraduate programs/plans.

Governance Path

Senate Undergraduate Council, Curriculum Subcommittee: March 27, 2026 (via e-vote)

Senate Undergraduate Council: April 7, 2026 (prospective)

Documents Included

- 6.2. Faculty of Science

Date 2026/03/20

Show Empty Fields

Meeting Information

Agenda Page Title SUC - 2026-04- Regular Agenda - Faculty of Science

Career Level

Undergraduate,

Faculty/Unit Faculty of Science

Date 2026-04-07

Time

Location

Summary

Faculty of Science Report

The following motion was approved at the Science Undergraduate Studies Committee (SUSC) Feb. 11, 2026 and Science Faculty Council (SFC) Feb, 24, 2026.

Motion 1: To approve major modifications to the following programs, as detailed in the Kuali proposals included in this agenda.

- **H- Science and Business, Biochemistry Specialization (retirement)**
- **H- Science and Business, Biology Specialization (retirement)**
- **H- Science and Business, Biotechnology Specialization (retirement)**

RATIONALE:

The above specializations are direct entry (plan10) specializations. They are being removed to align with the definition of specializations across UW (as a plan20). These specializations have had very low enrolment, and students undergo multiple changes in plans as their interests change. Students will be placed into the general Science and Business program, with the opportunity to later choose micro credentials in both Science and Business fields (options, minors or diplomas) to accompany their degree.

NOTE:

The major modification for changes to the H- Science and Business plan, included below, is for awareness only as this plan requires the approval of the new MSE 335 courses (ENG). The removal of specializations is a major modification impacting the 1A term and will proceed before the full plan update so as to meet the deadline for intake in Fall 2027.

Other Business

Related agenda:

SUC - 2026-04 - Consent Agenda - Faculty of Science

- retirement of SCBUS 425
- changes to SCBUS 123, 223, 323, 423 and 424
- new capstone courses SCBUS 498 and 499

Course Proposals

Course Proposal Details

Courses: Retire No proposals have been added.

Courses: New No proposals have been added.

Courses: Changes No proposals have been added.

Programs & Plans Proposals

Programs & Plans Proposal Details

Major Modification:

Retirement of the following plans:

- H- Science and Business, Biochemistry Specialization
- H- Science and Business, Biology Specialization
- H- Science and Business, Biotechnology Specialization

NOTE:

The major modification for the H- Science and Business plan, included below, is for awareness only as this plan required the approval of the new MSE 335 courses (ENG). The removal of specializations is a major modification impacting the 1A term and will proceed before the full plan update so as to meet the deadline for intake in Fall 2027.

Programs & Plans: Retire

Code	Title	Type	Workflow Step
<u>H-Science & Business - Biochemistry Specialization</u>	Science and Business - Biochemistry Specialization (Bachelor of Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
<u>H-Science & Business - Biology Specialization</u>	Science and Business - Biology Specialization (Bachelor of Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
<u>H-Science & Business - Biotechnology Specialization</u>	Science and Business - Biotechnology Specialization (Bachelor of Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee

Programs & Plans: Major Modifications

Code	Title	Type	Workflow Step
<u>H-Science & Business</u>	Science and Business (Bachelor of Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee

Programs & Plans: Minor Modifications No proposals have been added.

Regulations Proposals

Regulations: Retire No proposals have been added.

Regulations: New No proposals have been added.

Regulations: Changes No proposals have been added.

H-Science & Business - Biochemistry Specialization - Science and Business - Biochemistry Specialization (Bachelor of Science - Honours)

[Top](#)

Effective Date and Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2025

Proposal Details

Proposal Type

Retire,

Academic Unit Approval

2025-12-12

Quality Assurance Designation

Major Modification Qad

Major Modification Categories

Closure of a graduate research field, graduate specialization, honours, option, specialization, undergraduate diploma, minor

Is there an impact to existing students?

No,

Rationale and Background for Change(s)

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, strengthening its focus on linking scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, building core skills in business fundamentals, project management, systems thinking, and supply chain management. The curriculum is designed to help students turn scientific ideas into impactful products and solutions.

SAF provided expertise to refine the business curriculum, identifying foundational courses and integrating them with SCBUS courses that apply business concepts to scientific contexts.

On the science side, the revisions simplify requirements, increase flexibility, and align the plan with other Science programs. Retiring the three existing specializations supports these goals and streamlines administration.

Students will have added flexibility to pursue a variety of existing science credentials, guided by advisors who will help them consider the full range of options. A forthcoming Biotechnology Option will ensure pathways that correspond with the retiring specializations.

Current existing Science Credentials:

- Astrophysics Minor
- Biochemistry Minor
- Biology Minor
- Biophysics Minor
- Chemistry Minor
- Earth Sciences Minor
- Neuroscience Minor
- Physics Minor
- Bioinformatics Option
- Cell and Molecular Biology Option
- Ecology and Environmental Biology Option
- Microbiology Option

Since students are introduced to specializations upon admission, approval to retire the following three specializations effective September 1, 2027, is being requested now to support marketing and recruitment for the 2027 cohort:

- Science and Business, Biology Specialization
- Science and Business, Biochemistry Specialization
- Science and Business, Biotechnology Specialization

Science and Business will remain invalid with Management Studies minor, but "(any specialization)" can be removed as the specializations will retire as part of this change.

For the three retiring specializations the following combinations with each one, will be discontinued:

- Bioinformatics Specialization (Computer Science major, BCS or BMath)
- Biology Minor
- Biology Specialization (Applied Mathematics major)
- Biology Minor
- Biology Major
- Management Studies Minor

Inactivation of Science and Business Specializations, as well as proposed changes to the H-Science and Business plan, were socialized at the SUSC forum Jan. 14, 2026. The Assistant Registrar, Records Operations was present at this forum (A. Graystone).

General Program/Plan Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Faculty

Faculty of Science

Undergraduate Credential Type

Major

Program Type

Honours

Degree

Bachelor of Science (Science)

Program/Plan Name

Science and Business - Biochemistry Specialization (Bachelor of Science - Honours)

Systems of Study

Co-operative, Regular,

Admissions**Admissions Entry Point**

Direct Entry,

Requirements Information**Invalid Combinations**

Yes,

List of Invalid Combinations

Bioinformatics Specialization Biology Minor

Biology Specialization

Management Studies Minor

Average Requirement

Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 65.0%.
- A minimum cumulative Science average of 65.0%.

Graduation Requirements

- See [Bachelor of Science degree-level requirements](#).
- Complete a total of 21.0 units:
 - 17.0 units of required courses (see below).
 - 1.0 unit of approved courses (see below).
 - 1.0 unit of additional BIOL or CHEM or approved courses (see below).
 - 1.0 unit of additional BIOL courses, at the 100- or 200-level.
 - 0.5 unit of additional CHEM courses, at the 200-level.
 - 0.5 unit of elective courses.
- A maximum of 2.0 failed units is permitted.

Co-operative Education Program Requirements

For students in the co-operative system of study, see [Bachelor of Science co-operative education program requirements](#).

Course Requirements (units)

Required Courses

- 17Units to Complete
- Complete all of the following
 - Complete all the following:
 - BIOL130 - Introductory Cell Biology (0.50)
 - BIOL235 - Foundations of Molecular Biology (0.50)
 - BIOL239 - Genetics (0.50)
 - BIOL331 - Advanced Cell Biology (0.50)
 - CHEM120 - General Chemistry 1 (0.50)
 - CHEM120L - General Chemistry Laboratory 1 (0.25)
 - CHEM123 - General Chemistry 2 (0.50)
 - CHEM123L - General Chemistry Laboratory 2 (0.25)
 - CHEM237 - Introductory Biochemistry (0.50)
 - CHEM237L - Introductory Biochemistry Laboratory (0.25)
 - CHEM333 - Metabolism 1 (0.50)
 - CS100 - Introduction to Computing Through Applications (0.50)
 - ECON101 - Introduction to Microeconomics (0.50)
 - ECON102 - Introduction to Macroeconomics (0.50)
 - ECON221 - Statistics for Economists (0.50)
 - ECON371 - Business Finance 1 (0.50)
 - MATH127 - Calculus 1 for the Sciences (0.50)
 - MGMT220 - Entrepreneurship and the Creative Workplace (0.50)
 - SCBUS122 - Management of Business Organizations (0.50)
 - SCBUS123 - Workshop 1: Science and Business (0.50)
 - SCBUS223 - Workshop 2: Strategies Behind Technological Innovation (0.50)
 - SCBUS225 - Organizational Behaviour in Scientific and Technical Workplaces (0.50)
 - SCBUS323 - Workshop 3: Technology Development (0.50)
 - SCBUS423 - Workshop 4: Strategic Management of Science and Business (0.50)
 - Complete 1 of the following:
 - AFM123 - Accounting Information for Managers (0.50)
 - ARBUS102 - Accounting Information for Managers (0.50)
 - Complete 1 of the following:
 - AFM131 - Introduction to Business in North America (0.50)
 - ARBUS101 - Introduction to Business in North America (0.50)
 - Complete 1 of the following:

- AFM231 - Business Law (0.50)
- LS283 - Business Law (0.50)
- Complete 5 of the following:
 - BIOL308 - Principles of Molecular Biology (0.50)
 - BIOL341 - Fundamentals of Immunology (0.50)
 - BIOL342 - Molecular Biotechnology 1 (0.50)
 - BIOL345 - Microorganisms in Foods (0.50)
 - BIOL365 - Methods in Bioinformatics (0.50)
 - BIOL370 - Comparative Animal Physiology: Environmental Aspects (0.50)
 - BIOL371 - Comparative Animal Physiology: Evolutionary Themes (0.50)
 - BIOL403 - Developmental Biology and Embryology (0.50)
 - BIOL431 - Bacterial Molecular Genetics (0.50)
 - BIOL432 - Molecular Biotechnology 2 (0.50)
 - BIOL434 - Human Molecular Genetics (0.50)
 - BIOL439 - Environmental and Natural Products Biochemistry (0.50)
 - BIOL441 - Advances in Immunology (0.50)
 - BIOL442 - Virology (0.50)
 - BIOL447 - Environmental Microbiology (0.50)
 - CHEM430 - Special Topics in Biochemistry (0.50)
 - CHEM432 - Metabolism 2 (0.50)
 - CHEM433 - Advanced Biochemistry (0.50)
 - CHEM464 - Spectroscopy in Organic Chemistry (0.50)
- Complete 1 of the following
 - Complete all the following:
 - CHEM264 - Organic Chemistry 1 (0.50)
 - CHEM265 - Organic Chemistry 2 (0.50)
 - CHEM265L - Organic Chemistry Laboratory 1 (0.25)
 - Complete all the following:
 - CHEM266 - Basic Organic Chemistry 1 (0.50)
 - CHEM266L - Organic Chemistry Laboratory (0.25)
 - CHEM267 - Basic Organic Chemistry 2 (0.50)
- Complete 1 of the following:
 - COMMST193 - Communication in the Sciences (0.50)
 - ENGL193 - Communication in the Sciences (0.50)
- Approved Courses List
- 1Units to Complete
- Complete 2 of the following:
 - ACTSC231 - Introductory Financial Mathematics (0.50)
 - AFM333 - International Business (0.50)
 - ARBUS301 - International Business (0.50)
 - BET300 - Foundations of Venture Creation (0.50)
 - ECON211 - Introduction to Mathematical Economics (0.50)
 - ECON311 - Mathematical Economics (0.50)
 - ECON361 - Cost-Benefit Analysis and Project Evaluation (0.50)
 - ECON372 - Business Finance 2 (0.50)
 - HRM200 - Basic Human Resources Management (0.50)
 - HRM301 - Strategic Human Resources Management (0.50)
 - INDEV100 - Introduction to International Development (0.50)
 - MSE311 - Organizational Design and Technology (0.50)
 - MSE432 - Production and Service Operations Management (0.50)
 - STAT231 - Statistics (0.50)
 - STAT333 - Stochastic Processes 1 (0.50)
- Grand Total Units: 18

Course Requirements (no units)

Required Courses

- No Rules

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Alternative approved courses may be substituted with permission from the academic advisor.
2. SCBUS-labelled courses do not count as Science units and are not included in any Science average calculations.
3. A minimum of 0.5 unit BIOL or CHEM elective must be at 400-level

Notes

- See list of [academic advisors](#).
- Students can choose to emphasize international business with AFM333/ARBUS301 and INDEV100, entrepreneurship with BET300 and MSE311, technical development with MSE311, or strategic operations with ECON311 and MSE311.
- See Faculty of Science for [recommended course sequence](#).

Specializations

Specializations for this Major

No,

Undergraduate Plan Guidelines

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- | | |
|---|------------------------------|
| • SCBUS 123 - Workshop 1: Science and Business | View Program |
| • SCBUS 223 - Workshop 2: Strategies Behind Technological Innovation | View Program |
| • SCBUS 425 - Workshop 6: Challenges in Globalizing Science and Technology | View Program |
| • CHEM 220L - Quantitative Chemical Analysis Laboratory | View Program |
| • CHEM 265L - Organic Chemistry Laboratory 1 | View Program |
| • SCBUS 323 - Workshop 3: Technology Development | View Program |
| • SCBUS 122 - Management of Business Organizations | View Program |
| • SCBUS 225 - Organizational Behaviour in Scientific and Technical Workplaces | View Program |
| • SCBUS 423 - Workshop 4: Strategic Management of Science and Business | View Program |

Antirequisites

- AFM 101 - Introduction to Financial Accounting

[View Program](#)

Prerequisites

- AFM 123 - Accounting Information for Managers

[View Program](#)

Corequisites

- ECON 221 - Statistics for Economists

[View Program](#)

H-Science & Business - Biology Specialization - Science and Business - Biology Specialization (Bachelor of Science - Honours)

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Effective Date and Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2025

Proposal Details

Proposal Type

Retire,

Academic Unit Approval

2025-12-12

Quality Assurance Designation

Major Modification Qad

Major Modification Categories

Closure of a graduate research field, graduate specialization, honours, option, specialization, undergraduate diploma, minor

Is there an impact to existing students?

No,

Rationale and Background for Change(s)

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, strengthening its focus on linking scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, building core skills in business fundamentals, project management, systems thinking, and supply chain management. The curriculum is designed to help students turn scientific ideas into impactful products and solutions.

SAF provided expertise to refine the business curriculum, identifying foundational courses and integrating them with SCBUS courses that apply business concepts to scientific contexts.

On the science side, the revisions simplify requirements, increase flexibility, and align the plan with other Science programs. Retiring the three existing specializations supports these goals and streamlines administration.

Students will have added flexibility to pursue a variety of existing science credentials, guided by advisors who will help them consider the full range of options. A forthcoming Biotechnology Option will ensure pathways that correspond with the retiring specializations.

Current existing Science Credentials:

- Astrophysics Minor
- Biochemistry Minor
- Biology Minor
- Biophysics Minor
- Chemistry Minor
- Earth Sciences Minor
- Neuroscience Minor
- Physics Minor
- Bioinformatics Option
- Cell and Molecular Biology Option

- Ecology and Environmental Biology Option
- Microbiology Option

Since students are introduced to specializations upon admission, approval to retire the following three specializations effective September 1, 2027, is being requested now to support marketing and recruitment for the 2027 cohort:

- Science and Business, Biology Specialization
- Science and Business, Biochemistry Specialization
- Science and Business, Biotechnology Specialization

Science and Business will remain invalid with Management Studies minor, but "(any specialization)" can be removed as the specializations will retire as part of this change.

For the three retiring specializations the following combinations with each one, will be discontinued:

- Bioinformatics Specialization (Computer Science major, BCS or BMath)
- Biology Minor
- Biology Specialization (Applied Mathematics major)
- Biology Minor
- Biology Major
- Management Studies Minor

Inactivation of Science and Business Specializations, as well as proposed changes to the H-Science and Business plan, were socialized at the SUSC forum Jan. 14, 2026. The Assistant Registrar, Records Operations was present at this forum (A. Graystone).

General Program/Plan Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Faculty

Faculty of Science

Undergraduate Credential Type

Major

Program Type

Honours

Degree

Bachelor of Science (Science)

Program/Plan Name

Systems of Study

Co-operative, Regular,

Admissions

Admissions Entry Point

Direct Entry,

Requirements Information

Invalid Combinations

Yes,

List of Invalid Combinations

Bioinformatics Specialization Biology Minor

Biology Specialization

Management Studies Minor

Average Requirement

Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 65.0%.
- A minimum cumulative Science average of 65.0%.

Graduation Requirements

- See [Bachelor of Science degree-level requirements](#).
- Complete a total of 21.0 units:
 - 11.5 units of required courses (see below).
 - 1.0 unit of approved courses (see below).
 - 7.0 units of BIOL courses, with the following constraints:
 - 3.0 units at the 100- or 200-level.
 - 3.5 units at the 300- or 400-level.
 - 0.5 unit at the 400-level.
 - 1.0 unit from additional BIOL courses at the 300-level or additional approved courses.
 - 0.5 unit of elective courses.
- A maximum of 2.0 failed units is permitted.

Co-operative Education Program Requirements

For students in the co-operative system of study, see [Bachelor of Science co-operative education program requirements](#).

Course Requirements (units)

Required Courses

- 11.5 Units to Complete
- Complete all of the following
 - Complete all the following:
 - CHEM120 - General Chemistry 1 (0.50)
 - CHEM120L - General Chemistry Laboratory 1 (0.25)
 - CHEM123 - General Chemistry 2 (0.50)
 - CHEM123L - General Chemistry Laboratory 2 (0.25)
 - CHEM237 - Introductory Biochemistry (0.50)
 - CHEM237L - Introductory Biochemistry Laboratory (0.25)
 - CHEM266 - Basic Organic Chemistry 1 (0.50)
 - CHEM266L - Organic Chemistry Laboratory (0.25)
 - CS100 - Introduction to Computing Through Applications (0.50)
 - ECON101 - Introduction to Microeconomics (0.50)
 - ECON102 - Introduction to Macroeconomics (0.50)
 - ECON221 - Statistics for Economists (0.50)
 - ECON371 - Business Finance 1 (0.50)
 - MATH127 - Calculus 1 for the Sciences (0.50)
 - MGMT220 - Entrepreneurship and the Creative Workplace (0.50)
 - SCBUS122 - Management of Business Organizations (0.50)
 - SCBUS123 - Workshop 1: Science and Business (0.50)
 - SCBUS223 - Workshop 2: Strategies Behind Technological Innovation (0.50)
 - SCBUS225 - Organizational Behaviour in Scientific and Technical Workplaces (0.50)

- SCBUS323 - Workshop 3: Technology Development (0.50)
 - SCBUS423 - Workshop 4: Strategic Management of Science and Business (0.50)
- Complete 1 of the following:
 - AFM123 - Accounting Information for Managers (0.50)
 - ARBUS102 - Accounting Information for Managers (0.50)
- Complete 1 of the following:
 - AFM131 - Introduction to Business in North America (0.50)
 - ARBUS101 - Introduction to Business in North America (0.50)
- Complete 1 of the following:
 - AFM231 - Business Law (0.50)
 - LS283 - Business Law (0.50)
- Complete 1 of the following:
 - COMMST193 - Communication in the Sciences (0.50)
 - ENGL193 - Communication in the Sciences (0.50)
- Approved Courses List
- 1Units to Complete
- Complete 2 of the following:
 - ACTSC231 - Introductory Financial Mathematics (0.50)
 - AFM333 - International Business (0.50)
 - ARBUS301 - International Business (0.50)
 - BET300 - Foundations of Venture Creation (0.50)
 - ECON211 - Introduction to Mathematical Economics (0.50)
 - ECON311 - Mathematical Economics (0.50)
 - ECON361 - Cost-Benefit Analysis and Project Evaluation (0.50)
 - ECON372 - Business Finance 2 (0.50)
 - HRM200 - Basic Human Resources Management (0.50)
 - HRM301 - Strategic Human Resources Management (0.50)
 - INDEV100 - Introduction to International Development (0.50)
 - MSE311 - Organizational Design and Technology (0.50)
 - MSE432 - Production and Service Operations Management (0.50)
 - STAT231 - Statistics (0.50)
 - STAT333 - Stochastic Processes 1 (0.50)
- Grand Total Units: 12.5

Course Requirements (no units)

Required Courses

- No Rules

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Alternative approved courses may be substituted with permission from the academic advisor.
2. SCBUS-labelled courses do not count as Science units and are not included in any Science average calculations.

Notes

- See list of [academic advisors](#).
- Students can choose to emphasize international business with AFM333/ARBUS301 and INDEV100, entrepreneurship with BET300 and MSE311, technical development with MSE311, or strategic operations with ECON311 and MSE311.
- See Faculty of Science [recommended course sequences](#).

Specializations

Specializations for this Major

No,

Undergraduate Plan Guidelines

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 123 - Workshop 1: Science and Business [View Program](#)
- SCBUS 223 - Workshop 2: Strategies Behind Technological Innovation [View Program](#)
- SCBUS 425 - Workshop 6: Challenges in Globalizing Science and Technology [View Program](#)
- SCBUS 323 - Workshop 3: Technology Development [View Program](#)
- SCBUS 122 - Management of Business Organizations [View Program](#)
- SCBUS 225 - Organizational Behaviour in Scientific and Technical Workplaces [View Program](#)
- SCBUS 423 - Workshop 4: Strategic Management of Science and Business [View Program](#)

Antirequisites

- AFM 101 - Introduction to Financial Accounting [View Program](#)

Prerequisites

- AFM 123 - Accounting Information for Managers [View Program](#)

Corequisites

- ECON 221 - Statistics for Economists [View Program](#)

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**H-Science & Business - Biotechnology
Specialization - Science and Business -**

Biotechnology Specialization (Bachelor of Science - Honours)

Effective Date and Career

Career

Undergraduate,

Proposed
Effective Term and Year Fall 2027
Existing
Effective Term and Year Fall 2025

Proposal Details

Proposal Type

Retire,

Academic Unit Approval

2025-12-12

Quality Assurance Designation

Major Modification Qad

Major Modification Categories

Closure of a graduate research field, graduate specialization, honours, option, specialization, undergraduate diploma, minor

Is there an impact to existing students?

No,

Rationale and Background for Change(s)

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, strengthening its focus on linking scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, building core skills in business fundamentals, project management, systems thinking, and supply chain management. The curriculum is designed to help students turn scientific ideas into impactful products and solutions.

SAF provided expertise to refine the business curriculum, identifying foundational courses and integrating them with SCBUS courses that apply business concepts to scientific contexts.

On the science side, the revisions simplify requirements, increase flexibility, and align the plan with other Science programs. Retiring the three existing specializations supports these goals and streamlines administration.

Students will have added flexibility to pursue a variety of existing science credentials, guided by advisors who will help them consider the full range of options. A forthcoming Biotechnology Option will ensure pathways that correspond with the retiring specializations.

Current existing Science Credentials:

- Astrophysics Minor
- Biochemistry Minor
- Biology Minor
- Biophysics Minor
- Chemistry Minor
- Earth Sciences Minor
- Neuroscience Minor
- Physics Minor
- Bioinformatics Option
- Cell and Molecular Biology Option
- Ecology and Environmental Biology Option
- Microbiology Option

Since students are introduced to specializations upon admission, approval to retire the following three specializations effective September 1, 2027, is being requested now to support marketing and recruitment for the 2027 cohort:

- Science and Business, Biology Specialization
- Science and Business, Biochemistry Specialization
- Science and Business, Biotechnology Specialization

Science and Business will remain invalid with Management Studies minor, but "(any specialization)" can be removed as the specializations will retire as part of this change.

For the three retiring specializations the following combinations with each one, will be discontinued:

- Bioinformatics Specialization (Computer Science major, BCS or BMath)

- Biology Minor
- Biology Specialization (Applied Mathematics major)
- Biology Minor
- Biology Major
- Management Studies Minor

Inactivation of Science and Business Specializations, as well as proposed changes to the H-Science and Business plan, were socialized at the SUSC forum Jan. 14, 2026. The Assistant Registrar, Records Operations was present at this forum (A. Graystone).

General Program/Plan Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Faculty

Faculty of Science

Undergraduate Credential Type

Major

Program Type

Honours

Degree

Bachelor of Science (Science)

Program/Plan Name

Science and Business - Biotechnology Specialization (Bachelor of Science - Honours)

Systems of Study

Co-operative, Regular,

Admissions

Admissions Entry Point

Direct Entry,

Requirements Information

Invalid Combinations

Yes,

List of Invalid Combinations

Bioinformatics Specialization Biology Minor

Biology Specialization

Management Studies Minor

Average Requirement

Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 65.0%.
- A minimum cumulative Science average of 65.0%.

Graduation Requirements

- See [Bachelor of Science degree-level requirements](#).
- Complete a total of 21.0 units:
 - 18.5 units of required courses (see below).

- 1.0 unit of approved courses (see below).
- 1.0 unit from additional BIOL courses or additional approved courses.
- 0.5 unit of additional CHEM courses, at the 200-level or above (see Additional Constraints).
- A maximum of 2.0 failed units is permitted.

Co-operative Education Program Requirements

For students in the co-operative system of study, see [Bachelor of Science co-operative education program requirements](#).

Course Requirements (units)

Required Courses

- 18.5 Units to Complete
- Complete all of the following
 - Complete all the following:
 - BIOL130 - Introductory Cell Biology (0.50)
 - BIOL235 - Foundations of Molecular Biology (0.50)
 - BIOL239 - Genetics (0.50)
 - BIOL240 - Fundamentals of Microbiology (0.50)
 - BIOL240L - Microbiology Laboratory (0.25)
 - BIOL241 - Introduction to Applied Microbiology (0.50)
 - BIOL308 - Principles of Molecular Biology (0.50)
 - BIOL331 - Advanced Cell Biology (0.50)
 - BIOL342 - Molecular Biotechnology 1 (0.50)
 - BIOL432 - Molecular Biotechnology 2 (0.50)
 - BIOL443 - Fermentation Biotechnology (0.50)
 - CHEM120 - General Chemistry 1 (0.50)
 - CHEM120L - General Chemistry Laboratory 1 (0.25)
 - CHEM123 - General Chemistry 2 (0.50)
 - CHEM123L - General Chemistry Laboratory 2 (0.25)
 - CHEM237 - Introductory Biochemistry (0.50)
 - CHEM266 - Basic Organic Chemistry 1 (0.50)
 - CHEM266L - Organic Chemistry Laboratory (0.25)
 - CS100 - Introduction to Computing Through Applications (0.50)
 - ECON101 - Introduction to Microeconomics (0.50)
 - ECON102 - Introduction to Macroeconomics (0.50)
 - ECON221 - Statistics for Economists (0.50)
 - ECON371 - Business Finance 1 (0.50)
 - MATH127 - Calculus 1 for the Sciences (0.50)
 - MGMT220 - Entrepreneurship and the Creative Workplace (0.50)
 - SCBUS122 - Management of Business Organizations (0.50)
 - SCBUS123 - Workshop 1: Science and Business (0.50)
 - SCBUS223 - Workshop 2: Strategies Behind Technological Innovation (0.50)
 - SCBUS225 - Organizational Behaviour in Scientific and Technical Workplaces (0.50)
 - SCBUS323 - Workshop 3: Technology Development (0.50)
 - SCBUS423 - Workshop 4: Strategic Management of Science and Business (0.50)
 - Complete 1 of the following:
 - AFM123 - Accounting Information for Managers (0.50)
 - ARBUS102 - Accounting Information for Managers (0.50)
 - Complete 1 of the following:
 - AFM131 - Introduction to Business in North America (0.50)
 - ARBUS101 - Introduction to Business in North America (0.50)
 - Complete 1 of the following:
 - AFM231 - Business Law (0.50)
 - LS283 - Business Law (0.50)
 - Complete 4 of the following:
 - BIOL341 - Fundamentals of Immunology (0.50)

- BIOL345 - Microorganisms in Foods (0.50)
- BIOL431 - Bacterial Molecular Genetics (0.50)
- BIOL433 - Plant Biotechnology (0.50)
- BIOL441 - Advances in Immunology (0.50)
- BIOL442 - Virology (0.50)
- BIOL444 - Bacterial Pathogenesis (0.50)
- BIOL483 - Animal Cell Biotechnology (0.50)
- Complete 1 of the following:
 - COMMST193 - Communication in the Sciences (0.50)
 - ENGL193 - Communication in the Sciences (0.50)
- Approved Courses List
- 1Units to Complete
- Complete 2 of the following:
 - ACTSC231 - Introductory Financial Mathematics (0.50)
 - AFM333 - International Business (0.50)
 - ARBUS301 - International Business (0.50)
 - BET300 - Foundations of Venture Creation (0.50)
 - ECON211 - Introduction to Mathematical Economics (0.50)
 - ECON311 - Mathematical Economics (0.50)
 - ECON361 - Cost-Benefit Analysis and Project Evaluation (0.50)
 - ECON372 - Business Finance 2 (0.50)
 - HRM200 - Basic Human Resources Management (0.50)
 - HRM301 - Strategic Human Resources Management (0.50)
 - INDEV100 - Introduction to International Development (0.50)
 - MSE311 - Organizational Design and Technology (0.50)
 - MSE432 - Production and Service Operations Management (0.50)
 - STAT231 - Statistics (0.50)
 - STAT333 - Stochastic Processes 1 (0.50)
- Grand Total Units: 19.5

Course Requirements (no units)

Required Courses

- No Rules

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Alternative approved courses may be substituted with permission from the academic advisor.

2. SCBUS-labelled courses do not count as Science units and are not included in any Science average calculations.

Notes

- See list of [academic advisors](#).
- Students can choose to emphasize international business with AFM333/ARBUS301 and INDEV100, entrepreneurship with BET300 and MSE311, technical development with MSE311, or strategic operations with ECON311 and MSE311.
- See Faculty of Science [recommended course sequences](#).

Specializations

Specializations for this Major

No,

Undergraduate Plan Guidelines

Workflow Information

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 123 - Workshop 1: Science and Business [View Program](#)
- SCBUS 223 - Workshop 2: Strategies Behind Technological Innovation [View Program](#)
- SCBUS 425 - Workshop 6: Challenges in Globalizing Science and Technology [View Program](#)
- BIOL 331 - Advanced Cell Biology [View Program](#)
- SCBUS 323 - Workshop 3: Technology Development [View Program](#)
- SCBUS 122 - Management of Business Organizations [View Program](#)
- SCBUS 225 - Organizational Behaviour in Scientific and Technical Workplaces [View Program](#)
- SCBUS 423 - Workshop 4: Strategic Management of Science and Business [View Program](#)

Antirequisites

- AFM 101 - Introduction to Financial Accounting [View Program](#)

Prerequisites

- AFM 123 - Accounting Information for Managers [View Program](#)

Corequisites

- ECON 221 - Statistics for Economists [View Program](#)

H-Science & Business - Science and Business (Bachelor of Science - Honours)

[Top](#)

Effective Date and Career

Career

Undergraduate,

Proposed

Effective Term and Year

Fall 2027

Existing

Effective Term and Year

Fall 2025

Proposal Details

Proposal Type

Change,

Academic Unit Approval

2025-12-12

Quality Assurance Designation

Major Modification Qad

Major Modification Categories

Change course/program requirementsMajor changes to courses comprising a significant proportion of the program, where significant is defined as more than one-third of the courses

Is there an impact to existing students?

Yes,

Impact on Existing Students

- Once approved, this will be presented to students at a town hall meeting then added to the Science and Business website for students to review.
- Fall 2026 cohort will be given an option to stay in current plan or take courses in first year that will be part of the 2027 plan. A website, an email, and advising appointments will help educate students on the best option for them.
- Fall 2025 cohort will also be able to switch into the Fall 2027 Calendar, with AFM - ECON substitutions will be reviewed by the School of Accounting and Finance.

Is the credential name changing?

No,

Co-operative System of Study and Requirements

No,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

The Faculty of Science and the School of Accounting and Finance (SAF) have collaborated to revise the Science and Business program, strengthening its focus on linking scientific innovation with business practice.

The updated program emphasizes commercialization and entrepreneurship, building core skills in business fundamentals, project management, systems thinking, and supply chain management. The curriculum is designed to help students turn scientific ideas into impactful products and solutions.

SAF provided expertise to refine the business curriculum, identifying foundational courses and integrating them with SCBUS courses that apply business concepts to scientific contexts.

On the science side, the revisions simplify requirements, increase flexibility, and align the plan with other Science programs. Retiring the three existing specializations supports these goals and streamlines administration.

Students will have added flexibility to pursue a variety of existing science credentials, guided by advisors who will help them consider the full range of options. A forthcoming Biotechnology Option will ensure pathways that correspond with the retiring specializations (Biology, Biochemistry and Biotechnology).
Current existing Science Credentials:

- Astrophysics Minor
- Biochemistry Minor
- Biology Minor
- Biophysics Minor
- Chemistry Minor
- Earth Sciences Minor
- Neuroscience Minor
- Physics Minor
- Bioinformatics Option
- Cell and Molecular Biology Option
- Ecology and Environmental Biology Option
- Microbiology Option

Summary of proposed program changes:

- Reduce total program units from 21.0 to 20.0, aligning with the Faculty of Science's goal of standardizing honours programs at 20.0 units.
- Aligned the required Science average to match other honours programs in the Faculty of Science.
- Modernize the business curriculum by shifting from economics-heavy requirements to business strategy and stages content.
 - Remove: CS 100, MATH 128, ECON 201, 221, MGMT 220, ECON 371, AFM 131, 231 and SCBUS 122, 225
 - Add: AFM 112, 113, 121, 132, 280; MSE 335 (new); SCBUS 498/499 (new)

Course replacements and rationale:

- CS 100 is being removed as other courses (AFM 112, 113) will be integrating data analytics, business, and statistics into the program. The revision provides students the opportunity to add CS or other mathematics courses.
 - MATH 128 requirement is being replaced by AFM 113, which has MATH 128 as an antirequisite. Students are then provided an opportunity to select another MATH, or STAT, or CS, or other mathematics course instead.
 - ECON 201 is removed as it no longer provides key material for the program.
 - ECON 221 and MGMT 220 are being removed as microeconomics depth is unnecessary and entrepreneurship content is now fully addressed in SCBUS courses.
 - ECON 371 is being replaced by AFM 121 as the latter provides introductory finance content tailored for business-focused students.
 - AFM 131 is being removed as the material is being covered in the AFM 132 course (Business Stages)
 - AFM 231 is being removed as it satisfies CPA needs but is not suited to Science and Business students.
 - SCBUS 122 is removed and a specific management course is being created for science and business students, MSE 335 (new supply chain course).
 - SCBUS 225 is removed and content replaced with a similar more advanced course, AFM 280.
 - SCBUS 498, 499 are two new capstone courses inserted into the program, to provide capstone opportunities that align with other faculties.
- Increase elective flexibility: from 0.5 to 2.0 units by removing the program elective list and the 300-level science requirement.
 - Increase science course flexibility by removing mandatory first-year chemistry (CHEM 120, 121L, 123, 123L).
Require 1.5 units of first-year science in two different science disciplines.
 - Increase maximum lab units from 1.5 to 2.0 to match the Honours Science program.

Consultations (Departmental)

Chemistry change support needed from Department of Chemistry (confirmation email from M. Nooijen Feb 10, 2026).

CS 100 removal from program was communicated to Dave Tomkins & Barbara Daly via email (replied Dec. 16, 2025 acknowledging plan and requesting brief rationale as to why).

K. Macculloch (UG Coordinator & Advisor, Arts and Business)- confirmed with director that removal of MGMT 220 from SCBUS programs has no impact on ARBUS program this support the change (Dec. 10, 2025).

Math faculty awareness for removal of MATH 128 as a core, and replacement of this course with a choice math faculty owned course, via email (Dec. 3, 2025 from L. Balch to MATH UG; Math UG deemed it "not hugely impactful" based on last four terms of enrolment data- Dec 4, 2025 email).

ECON and MGMT courses: We have communicated the removal of ECON 201, 221 and 371, and MGMT 220 to Lutz Busch (email Dec. 18, 2025 to Blake Phillips, cc'd K. Acheson).

Science and SAF have been working together as a team to plan changes on both the science and business end of the program (L. Balch, L. Deakin, B. Phillip, 2025).

Inactivation of Science and Business Specializations, as well as proposed changes to the H-Science and Business plan, were socialized at the SUSC forum Jan. 14, 2026. The Assistant Registrar, Records Operations was present at this forum (A. Graystone).

General Program/Plan Information

Faculty

Faculty of Science

Academic Unit

Dean of Science Office

Faculty

Faculty of Science

Undergraduate Credential Type

Major

Program Type

Honours

Degree

Bachelor of Science (Science)

Program/Plan Name

Science and Business (Bachelor of Science - Honours)

Systems of Study

Co-operative, Regular,

Admissions

Admissions Entry Point

Direct Entry,

Requirements Information

Invalid Combinations

Yes,

List of Invalid Combinations

Management Studies Minor

Average Requirement

Yes,

Proposed

Minimum Average(s) Required

- A minimum cumulative overall average of 65.0%.
- A minimum cumulative Science average of 60.0%.

Existing

Minimum Average(s) Required

- A minimum cumulative overall average of 65.0%.
- A minimum cumulative Science average of 65.0%.

Proposed

Graduation Requirements

- See [Bachelor of Science degree-level requirements](#).
- Complete a total of 20.0 units:
 - 9.0 units of required courses (see below).
 - 3.0 units of Science courses (see below; see Additional Constraints).
 - 6.0 units of Science courses, from the following subject codes: BIOL, CHEM, EARTH, MNS, and PHYS, including:
 - 0.5 unit at any level.
 - 3.0 units at the 200-level or higher.
 - 2.0 units at the 300-level or higher.
 - 0.5 unit at the 400-level.
 - 2.0 units of elective courses.

Existing

Graduation Requirements

- See [Bachelor of Science degree-level requirements](#).
- Complete a total of 21.0 units:
 - 11.0 units of required courses (see below).
 - 8.0 units of Science courses, from the following subject codes: BIOL, CHEM, EARTH, MNS, and PHYS, including:
 - 2.0 units of lecture and lab courses listed below.
 - 3.0 units at the 200-level or above.
 - 2.5 units at the 300-level or above.
 - 0.5 unit at the 400-level.
 - 0.5 unit of approved courses (see below).
 - 1.0 unit of additional Science or approved courses.
 - 0.5 unit of elective courses.
- A maximum of 2.0 failed units is permitted.

Co-operative Education Program Requirements

For students in the co-operative system of study, see [Bachelor of Science co-operative education program requirements](#).

Course Requirements (units)

Required Courses

- 0 Units to Complete

- No Rules

Course Requirements (no units)

1. Required Courses

- Complete all the following:
 - ECON101 - Introduction to Microeconomics (0.50)
 - ECON102 - Introduction to Macroeconomics (0.50)
 - MATH127 - Calculus 1 for the Sciences (0.50)
 - SCBUS123 - Workshop 1: Science and Business (0.50)
 - SCBUS323 - Workshop 3: Technology Development (0.50)
 - SCBUS423 - Workshop 4: Strategic Management of Science and Business (0.50)
 - **AFM112 - Analytic Methods for Business 1 (0.50)**
 - **AFM113 - Analytic Methods for Business 2 (0.50)**
 - **AFM121 - Introduction to Global Financial Markets (0.50)**
 - **AFM132 - Introduction to Business Stages (0.50)**
 - **AFM280 - Introduction to Organizational Behaviour (0.50)**
 - SCBUS223 - Workshop 2: Strategies Behind Technological Innovation (0.50)
 - **SCBUS498 - Science and Business Capstone Project 1 (0.50)**
 - **SCBUS499 - Science and Business Capstone Project 2 (0.50)**
 - **MSE335 - Supply Chain Management for Business (0.5)**
 - ~~CHEM120 - General Chemistry 1 (0.50)~~
 - ~~CHEM120L - General Chemistry Laboratory 1 (0.25)~~
 - ~~CHEM123 - General Chemistry 2 (0.50)~~
 - ~~CHEM123L - General Chemistry Laboratory 2 (0.25)~~
 - ~~CS100 - Introduction to Computing Through Applications (0.50)~~
 - ~~ECON201 - Microeconomic Theory for Business and Policy (0.50)~~
 - ~~ECON221 - Statistics for Economists (0.50)~~
 - ~~ECON371 - Business Finance 1 (0.50)~~
 - ~~MATH128 - Calculus 2 for the Sciences (0.50)~~
 - ~~MGMT220 - Entrepreneurship and the Creative Workplace (0.50)~~
 - ~~SCBUS122 - Management of Business Organizations (0.50)~~
 - ~~SCBUS225 - Organizational Behaviour in Scientific and Technical Workplaces (0.50)~~
- Complete 1 of the following:
 - COMMST193 - Communication in the Sciences (0.50)
 - ENGL193 - Communication in the Sciences (0.50)
 - Complete all the following:
 - PHYS111 - Physics 1 (0.50)
 - PHYS111L - Physics 1 Laboratory (0.25)
 - PHYS112 - Physics 2 (0.50)
 - PHYS112L - Physics 2 Laboratory (0.25)
 - **Complete all the following:**
 - **PHYS121 - Mechanics (0.50)**
 - **PHYS121L - Mechanics Laboratory (0.25)**
 - **PHYS122 - Electricity and Magnetism (0.50)**
 - **PHYS122L - Waves, Electricity and Magnetism Laboratory (0.25)**
- ~~Complete 1 of the following:~~
 - ~~AFM123 - Accounting Information for Managers (0.50)~~
 - ~~ARBUS102 - Accounting Information for Managers (0.50)~~
 - ~~Complete all the following:~~
 - ~~EARTH121 - Introductory Earth Sciences (0.50)~~
 - ~~EARTH121L - Introductory Earth Sciences Laboratory (0.25)~~
 - ~~EARTH122 - Introductory Environmental Sciences (0.50)~~
 - ~~EARTH122L - Introductory Environmental Sciences Laboratory (0.25)~~
- **EARTH121 - Introductory Earth Sciences (0.50)**
- **EARTH121L - Introductory Earth Sciences Laboratory (0.25)**
- **EARTH122 - Introductory Environmental Sciences (0.50)**
- **EARTH122L - Introductory Environmental Sciences Laboratory (0.25)**

- **Complete all the following:**
- ~~Complete 1 of the following:~~
- **CHEM120 - General Chemistry 1 (0.50)**
- **CHEM120L - General Chemistry Laboratory 1 (0.25)**
- **CHEM123 - General Chemistry 2 (0.50)**
- **CHEM123L - General Chemistry Laboratory 2 (0.25)**
- ~~AFM131 - Introduction to Business in North America (0.50)~~
- ~~ARBUS101 - Introduction to Business in North America (0.50)~~

Grand Total Units:7

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Proposed

Additional Constraints

1. A maximum of 2.0 total Science lab units counts towards this program.
2. SCBUS-labelled courses do not count as Science units and are not included in any Science average calculations.

Existing

Additional Constraints

1. A maximum of 1.0 Science lab unit, exclusive of CHEM120L and CHEM123L, is permitted.
2. Alternative approved courses may be substituted with permission from the academic advisor.
3. SCBUS-labelled courses do not count as Science units and are not included in any Science average calculations.

Proposed

Notes

- See list of [academic advisors](#).
- See Faculty of Science [recommended course sequences](#).

Existing

Notes

- See list of [academic advisors](#).
- Students can choose to emphasize international business with AFM333/ARBUS301 and INDEV100, entrepreneurship with BET300 and MSE311, technical development with MSE311, or strategic operations with ECON311 and MSE311.
- See Faculty of Science [recommended course sequences](#).

Specializations

Specializations for this Major

No,

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement

No,

Workflow Path

Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Science

Dependencies

Prerequisites

- SCBUS 123 - Workshop 1: Science and Business [View Program](#)
- SCBUS 223 - Workshop 2: Strategies Behind Technological Innovation [View Program](#)
- SCBUS 425 - Workshop 6: Challenges in Globalizing Science and Technology [View Program](#)
- SCBUS 323 - Workshop 3: Technology Development [View Program](#)
- SCBUS 122 - Management of Business Organizations [View Program](#)
- SCBUS 225 - Organizational Behaviour in Scientific and Technical Workplaces [View Program](#)
- SCBUS 423 - Workshop 4: Strategic Management of Science and Business [View Program](#)

Antirequisites

- AFM 101 - Introduction to Financial Accounting [View Program](#)

Prerequisites

- AFM 123 - Accounting Information for Managers [View Program](#)

Corequisites

- ECON 221 - Statistics for Economists [View Program](#)

For Discussion**Open Session**

To: Senate Undergraduate Council

From: David DeVidi, Association Vice-President, Academic
Pam Fluttert, Director Instructional Technologies & Media Services
Shawn Gilbertson, Manager Course Materials

Date of Meeting: April 7, 2026

Agenda Item: **7. A Collaborative Strategy to Effectively Manage Educational Technology Costs and Decisions**

Recommendation

The student EdTech fee is a key component of a project that is intended to improve the learning experience for students while improving the operational efficiency of the university. More explicitly, the project has the following goals:

1. To prevent uninformed educational technology (EdTech) budget cuts that would have to be based on contract end dates and would result in unplanned increases in ad hoc student costs for technology in courses, implement a small student technology fee for a 2-year pilot, beginning F26, that will,
 - 1.1. protect the EdTech budget from unplanned cuts; and
 - 1.2. provide time to make informed budget decisions and appropriate transition plans for removal of duplicate and/or underused EdTech; and
 - 1.3. address unnecessary ad hoc student costs for courses.
2. Address duplication and inefficiencies in managing EdTech by
 - 2.1. simplifying the hybrid EdTech funding model; and
 - 2.2. prioritizing the use of centrally supported EdTech; and
 - 2.3. implementing an exception protocol for unique pedagogical needs; and
 - 2.4. plan and execute transitions from duplicated and/or unused EdTech.

The pilot test is to allow time to assess the project with respect to its ability to meet these goals, and to make a decision about the advisability of a permanent student EdTech fee.

Summary

The cost of EdTech is rising every year and is no longer sustainable with ongoing budget cuts in today's financial environment. EdTech costs must be reduced and managed more efficiently.

A student technology fee for a 2-year pilot beginning F26, such as \$20-25 for a full-time undergraduate student (part-time fee approximately 30% of full-time) per academic term would provide an estimated \$1.1-\$1.3 million a year. The fee will protect the central EdTech budget from unplanned cuts that would have to be based on contract end dates, thereby providing the opportunity to rationally assess how to return to a sustainable budget and

manage ad hoc student costs for courses. Fee details will be finalized in collaboration with WUSA before June's Board of Governors meeting. During the pilot, the fee must demonstrate value through student cost savings and an improved experience where there is demonstrable progress towards addressing ad hoc student costs and duplication. The pilot period also provides opportunity to assess if there is potential value and student cost savings in a longer-term technology fee and the criteria. For example, Outline data indicates publisher tools represent the highest cost to students and may present a future opportunity to investigate further student cost savings following the pilot.

To address duplication and ad hoc student costs, implement a framework that prioritizes the use of centrally supported software in teaching and learning. To improve student experience and reduce overall costs, assessment of duplicated and underused EdTech, as well as unnecessary ad hoc student costs, will be initiated. Priorities will be set for planned transitions to recommended solutions. In circumstances where there is a unique pedagogical need that central tools do not adequately support, an exception protocol will evaluate requests for other EdTech. The exception protocol will include pedagogical and student voices. An interim protocol (refer to Documents Provided) is approved by the Provost and is being implemented until a longer-term solution is in place.

Proposal/Rationale

With the support of Deans Council and the Educational Technology (EdTech) Steering committees, the [EdTech Evolution 2.0: Enhancing the Framework](#) project was initiated in 2025 to implement a framework that ensures these technologies are responsibly managed and used to enhance teaching and learning in a way that provides a consistent, secure, and reliable student experience in alignment with university policies, guidelines, and the digital learning strategy. For the purposes of the scope of this project, EdTech is defined as

- a digital tool or platform whose primary, intended purpose is to support formal teaching and learning within credit-bearing courses or approved academic programs; and
- directly contributes to the instructional process by primarily enabling one or more of the following instructional functions:
 - the delivery, creation, curation, or facilitation of instructional content and learning activities
 - student engagement, interaction, or collaboration in support of course learning outcomes
 - the assessment of student learning or performance (formative or summative), including participation of activities that contribute to academic evaluation or the earning of academic credit

The EdTech ecosystem has become complex and unsustainable with rising costs and support demands and a fragmented decision-making and funding model. The fragmentation degrades the student experience and results in cybersecurity, privacy, and accessibility compliance risks, as well as duplication, increased cost and support demands, and inequitable access to technology. The university has not had the appropriate structures in place to holistically manage EdTech due to a hybrid model where funding is through a combination of central, departments/faculties, instructors, and students. The time has come to implement a framework to successfully navigate the increasing EdTech costs during ongoing financial pressures and budget cuts, manage EdTech more efficiently, and align

with the digital learning strategy¹. EdTech decisions must be made holistically as One Waterloo, with an understanding of the impact and implementation of appropriate risk mitigations for the student experience. A planned, holistic approach to address duplication and underuse of EdTech will reduce the EdTech budget and improve student experience.

The cost of centrally supported² EdTech has increased from \$1.2M in 2019 to \$2.9M in 2026, with a projected \$3.2M by 2028. These costs do not include the total spent by instructors, departments/faculties and students. With the current hybrid model, a response to growing costs of EdTech and budget cuts requires fragmented decisions based on central contract end dates without appropriate time to understand impacts and plan successful transitions. Instructors will have no choice but to continue using the canceled technologies or select alternatives, leading to increased duplication and costs for students. Student-pay subscriptions are a higher cost per license than a site agreement and present cybersecurity, privacy, and accessibility compliance risks.

The recommendations in this motion provide an opportunity to address challenges in the EdTech ecosystem in a planned and methodical way, while implementing a framework that will prevent the same issues from occurring in the future.

Jurisdictional Information

As provided for in [Senate Bylaw 2](#), section 5.03, council is empowered to make approvals on behalf of Senate for a variety of operational matters:

- Consider, study and review briefs on any aspect of undergraduate studies from members of the university.

Governance Pathway

Deans Council Plus: May 28, 2025

Graduate Student Relations Committee: October 7, 2025

Undergraduate Student Relations Committee: October 8, 2025

Graduate Operations Committee: October 21, 2025

Undergraduate Student Relations Committee: October 23, 2025

Graduate Student Relations Committee: November 4, 2025

Undergraduate Student Relations Committee: November 5, 2025

GSA Council: December 11, 2025

WUSA Academic Affairs Advisory: January 16, 2026

¹ [Digital Learning Strategy](#) recommendation 3.3(d) to ensure students have appropriate access to tools and technologies, and recommendation 3.6(f) to foster a consistent technological and functional experience

² Includes Piazza, PebblePad, LEARN, Bongo, Mobius, TurnitIn, iThenticate, Crowdmark, Akindi, Vevox, peerScholar, iClicker, Zoom, and LinkedIn Learning.

Prospective:

Senate Undergraduate Council: April 7, 2026

Senate Graduate Council: April 16, 2026

Board of Governors: TBD

Documentation Provided

Interim Protocol Approved by the Provost

The interim protocol is an adaptation of the process used during the pandemic to grant instructor exemptions from the guideline limiting the amount students can be required to pay for educational materials used in course assessments.

The following relevant resources are, or will be, available to instructors, staff and students:

- *A master list of known EdTech used across campus will be created, published and maintained. It will indicate if non-centrally supported software is "approved" for use (see footnote) or "waiting for assessment". As the team continues to analyze the list, duplicates will also be flagged and prioritized for assessment*
- *The [EdTech hub](#) website currently includes*
 - *A [support page](#) for instructors to find central support resources*
 - *Centrally supported visual [tool diagram](#) and [tool guides](#)*
 - *[Guidelines for LEARN integrations](#)*
 - *[EdTech governance and guiding principles](#)*
- *University [guidelines for fees related to 3rd party resources for academic assessment](#)*

The interim protocol will be used when

- *an instructor wants to use a technology that is not on the master list or centrally supported; or*
- *when there is contention towards removing a duplicate or unsafe technology prioritized through the EdTech 2.0 project or on the master list. While the team works through EdTech assessments on the master list, instructors can continue using software that is "waiting for assessment".*

Interim protocol:

1. **Submission:** *Instructor submits an exception request form that will include but not be limited to the pedagogical requirement, explanation why a central tool will not work, and date of central tool assessment. Requests can be submitted when:*
 - 1.1. *Requesting to use a tool that is not centrally supported and not on the master list*
 - 1.2. *The instructor does not agree with an EdTech 2.0 recommendation to transition from duplicated or unsafe technology*
2. **Assessment and Decision:** *A small committee comprised of the AVPA (senior leader), UG/Grad student, and the relevant teaching fellow (non-biased pedagogical perspective) assesses the request. The committee may*

consult with ITMS/ITSU about central tools, as well as others such as associate deans, deans, chairs, etc. as needed.

- 2.1. The committee provides a unanimous decision whether the request is "approved pending IRA/PIA"³ and moves to step 2(b), or otherwise "not approved" and moves to step 3*
- 2.2. If the request is approved pending an IRA/PIA, ITMS will assist the instructor to initiate the IRA/PIA process. The instructor will be accountable for knowing how the unsupported tool works and acquiring required information from the vendor*
- 3. Notification:** *Committee notifies instructor and ITMS of final decision and reasoning*
 - 3.1. ITMS updates the master list*

³ Approved pending IRA/PIA equates to pedagogical requirement cannot be appropriately met with a centrally supported tool.

For Discussion**Open Session**

To: Senate Undergraduate Council

From: John Dick
Managing Director, Velocity

Krysta Traianovski
Associate Director of Founder Development, Velocity

Date of Meeting: April 7, 2026

Agenda Item: **8. Velocity Resources and Support for Undergraduate Students**

Summary

John Dick is the Managing Director of Velocity. Krysta Traianovski is the Associate Director of Founder Development at Velocity. John and Krysta will provide a presentation about the resources and support available for undergraduate students at Velocity.

Documentation Provided

N/A

Velocity and Student Opportunities

Senate Undergraduate Council
April 7, 2026

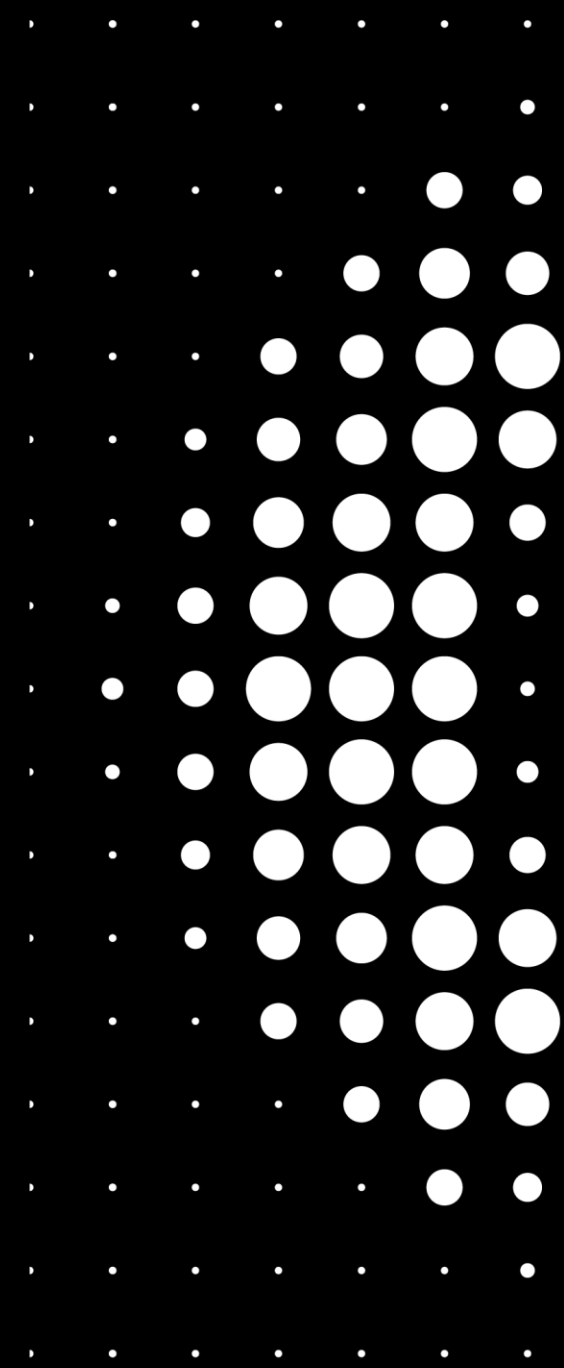


John Dick, PhD, MBA

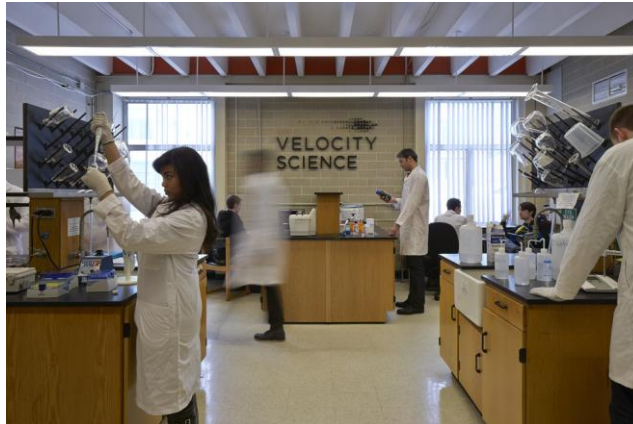
Managing Director, Velocity
john.dick1@uwaterloo.ca

Krysta Traianovski, MBET

Associate Director, Founder Development
krysta.traianovski@uwaterloo.ca



The History of Velocity **est. 2008**



Velocity Metrics



1,200+

Founders trained



500+

Companies supported



\$6.6B

Funds raised



10,000+

Jobs created



\$40B

Enterprise value



45,000

sqft office and product dev
space at off-campus incubator



1,692

student participants in 2025

20

Summer accelerator teams – pilot
cohort 2025 – 30 teams this summer

519

campus teams in 2025

18

Continuing to pursue their ventures
8 reside at the incubator



Velocity Today

HELP FOUNDERS GO FURTHER, FASTER

Further

Creating new systems and training opportunities for students and founders to succeed entrepreneurially

Faster

Breaking down barriers through broad program accessibility, community support, expert advice, and warm industry connections

FIND. DEVELOP. CONNECT.

Find

Attract talented students and researchers, match them with important business challenges, and inspire them to make positive change

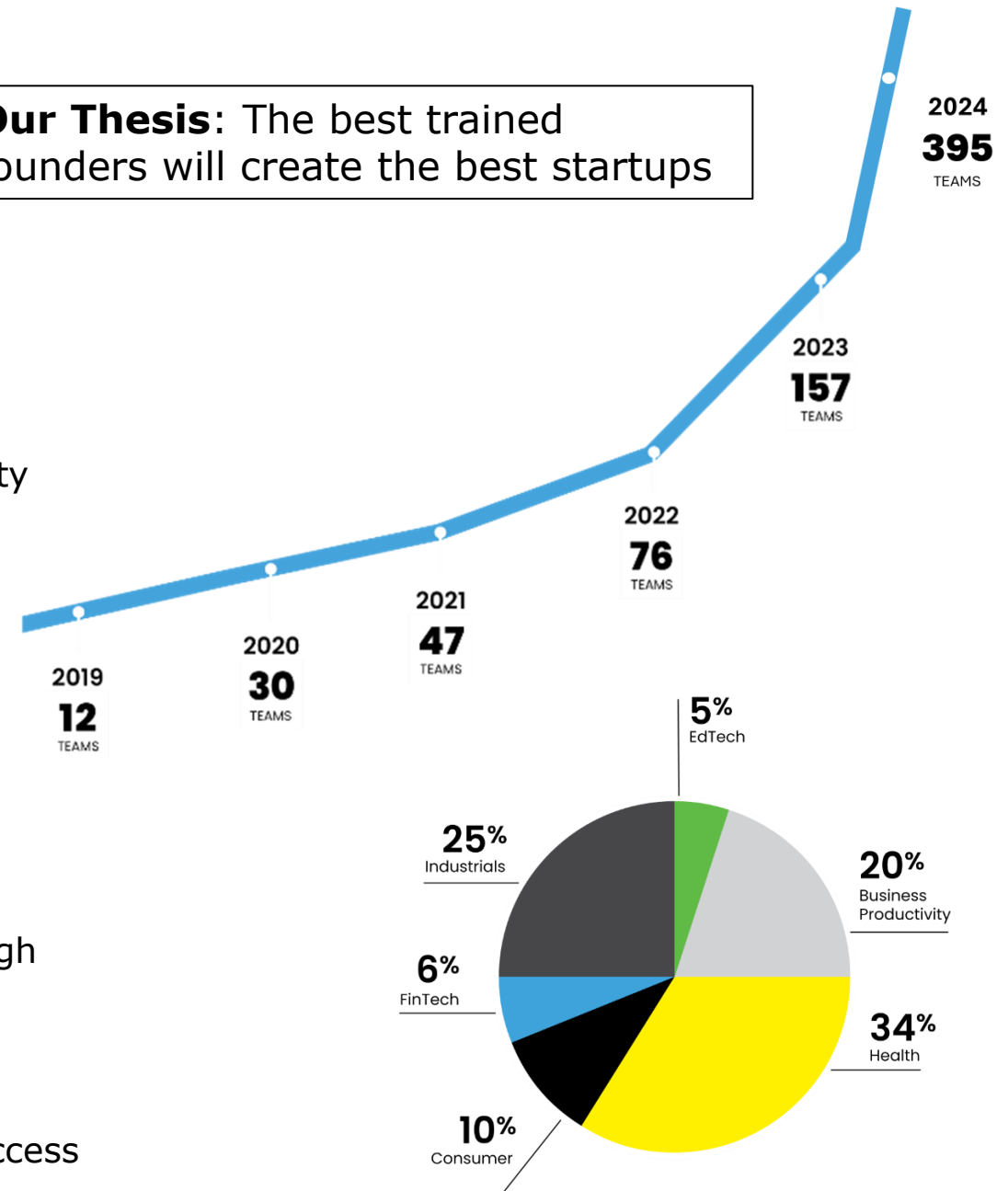
Develop

Train students and researchers to grow their innovative-mindset through entrepreneurial experience

Connect

Create the broadest and most effective network of founders, service providers, and industry connections to increase the opportunity for success

Our Thesis: The best trained founders will create the best startups



Building Bridges to Train Innovators

FIND

Students

Harness their intrinsic motivations and inspire them to start working on something impactful

Researchers

Connect them with industries to validate their research in the real world

Industry

Help them bring problem spaces to campus to ignite the innovation cycle for consequential opportunities

CONNECT

500+ companies & 1200+ founders

Activated Velocity alumni are the key to scaling support. Building a network of experienced entrepreneurs who want to give back and help future generations of founders

Industry & customers

Find the hard-to-reach individuals who founders need to speak with at key organizations. Build relationships and make warm intros to help them validate their solutions

Adoption

Facilitate pilots and first sales for early founders. Train them in sales and fundraising to get them to their first revenues as quickly as possible

DEVELOP

Programs

Short programming with light touchpoints focused heavily on external validation and accountability

Advisory

Provide experienced entrepreneurs to consult and train through programs and 1 on 1 meetings

Ideation

Train students to look for opportunities to innovate through their co-op placements

Find



INNOVATION OPEN HOUSE

Lead off event every term
Welcome back students from co-op and welcome new students into the fold with free food and booths



STARTUP 101

General topics in entrepreneurship
Information sessions, panels, fireside chats, women in entrepreneurship meetups, etc.



INNOVATION CHALLENGES

2-week hackathons with external partners
Velocity's main source of sponsorship funding – external groups bring real-world problem spaces for student teams to tackle – leading to future startups



CO-OP WORKPLACE SIMULATION

Training students to find opportunities on Co-op
Students are put into a simulated internship where their goal is to find a corporate problem to solve. To do so, they interview up to 14 AI coworkers to piece together the opportunities they hide.

Develop



CORNERSTONE

The Start of the Journey
A 2-Week Discovery Sprint to introduce customer validation for any student who has an idea or technology they wish to commercialize



SUMMER ACCELERATOR

10-week full-time program for new graduates
A “last chance” for new graduates to explore entrepreneurship. Participants have an idea and work to gain real traction before the end of summer



ADVISORY SUPPORT

Regular meetings with experienced founders
Velocity has 5 former founders on staff to provide deep advisory support. Alumni are tapped for specific advice and connections



SALES AND FUNDRAISING SUPPORT

Get to the first milestone - fast
New full-time founders are expected to make their first sale, sign a first pilot or raise funding within the first 4 months of joining the incubator. Velocity has 2 staff dedicated to helping them achieve this goal

Connect



CAMPUS WORKSPACES

3 spaces for collaboration
A common room, a coworking space, and a laboratory for students to work and build community along with an open access GPU AI Server



INNOVATION ARENA

Off-campus incubator for offices and product dev
The evolution of the Velocity incubator – 45,000 sqft of space dedicated to community and commercialization



WARM INDUSTRY CONNECTIONS

Industry contacts who are excited to meet you
Velocity has an extensive network of alumni working in a multitude of industries who remember how hard it is to make connections and want to help.



VELOCITY HEALTH NETWORK

Fast adoption of health technologies
A network of over 50 hospitals and clinics ready to pilot startup technologies with one call

Funding

JAIN FAMILY AWARD

Supporting dedicated students

\$5,000 funding for a student who completes Velocity Cornerstone then follows it up with an enterprise co-op term

ABUNDANCE AWARD FOR WOMEN

Supporting Equity in Founding Startups

\$25,000 in funding for a graduating women-identifying founder looking to start their career in entrepreneurship but facing headwinds

IPON INNOVATION FELLOWSHIP

Accelerating graduates

IP Ontario has provided \$12,000 in funding for 30 graduating teams to create a startup and gain support through the Velocity Summer Accelerator Program

THE VELOCITY FUND

Pre-seed investment

An independent early-stage VC that can invest in velocity companies using funds raised from the University of Waterloo endowment



Upcoming Initiatives

COMMERCIALIZATION PROGRAMMING FOR PROFESSORS

Demystifying Opportunity

Creation of a commercialization community for professors to increase interest in research commercialization and educate them on the process

AI TRAINING and RESOURCES

Every startup is AI

Providing experiential training in AI to train students how it may be used to fast-track their own projects and reduce the need for a “technical” co-founder

GLOBAL INNOVATION CHALLENGE

Waterloo Leads Student Innovation (Again)

A global innovation challenge that gathers students from 10 global universities to tackle a single problem. Students will compete in a global finals hosted annually at the University of Waterloo.



Read about Velocity's momentum.

Momentum is a publication from Velocity. Periodically, we provide insight into Velocity's activities and offer inspiration through the stories of Velocity founders.



john.dick1@uwaterloo.ca – velocityincubator.com

For Discussion**Confidential Session**

To: Senate Undergraduate Council

From: Tony Ly
Governance Officer

Date of Meeting: April 7, 2026

Agenda Item: **12. Senate Undergraduate Council: Mandate Review**

Summary

The Senate Undergraduate Council (SUC) mandate is currently under review. The purpose of the review is to ensure that the Council's composition, mandate, and responsibilities remain effective and aligned with Senate's overall mandate and the University's bicameral governance model. This review of SUC will run in parallel with the work of the Senate Engagement Working Group, allowing for coordination and sharing of findings and recommendations.

Feedback and Comments

- Clarify the roles and update the membership of SUC and the SUC Curriculum Subcommittee.
- Examine the frequency, date, and timing of meetings for SUC and the SUC Curriculum Subcommittee (i.e., determine if additional meetings are needed).
- Explore different ways to improve the overall workflow and approval process.
- Reduce the size of agenda packages.
- Consider adding all Senate members to Quali Curriculum Management.

Emerging Priorities for Consideration

- Transferring the information from Senate Bylaw 2, Section 5 to a Terms of Reference for SUC.
- Adding 1 more student on the SUC Curriculum Subcommittee (2 students in total).
- The Secretariat will work with the Office of the Registrar in setting meeting dates to ensure UG Calendar publication timelines work for campus stakeholders.
- Examining [approval pathways and editorial changes](#).
- Delegating authority of approval for minor modifications to the SUC Curriculum Subcommittee. SUC will receive a summary report for information.
- Removing materials for minor modifications from the SUC agenda packages. A report from the SUC Curriculum Subcommittee will be posted on the Secretariat website.

Next Steps

The Secretariat will work with the Chair of SUC to prioritize any changes. SUC members are invited to provide additional items for consideration as part of the mandate review. Please send your comments or feedback to senate@uwaterloo.ca.

Documentation Included:

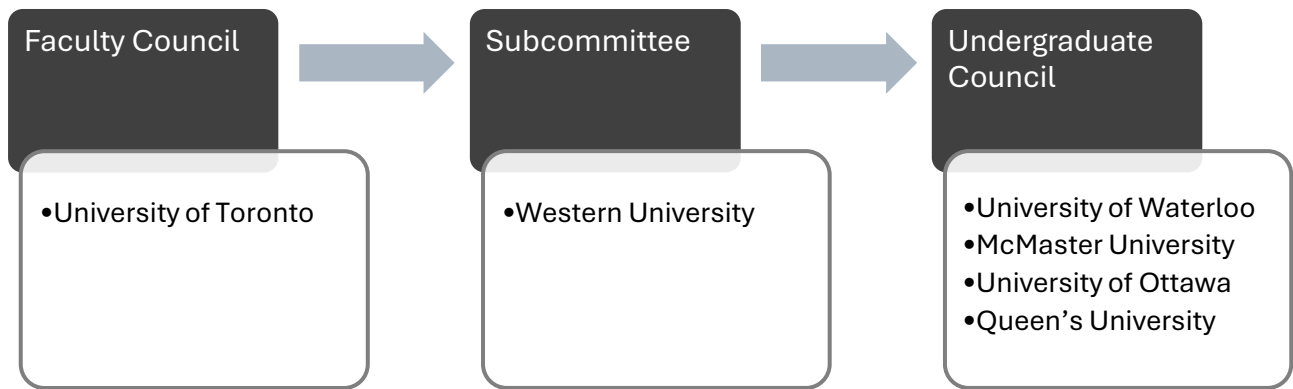
- Appendix A: U6 Undergraduate Council Terms of Reference and Approval Process
- Appendix B: 2025-2026 Undergraduate Council and Curriculum Subcommittee Meeting Schedules

Appendix A: U6 Undergraduate Council Terms of Reference and Approval Process

University	Standing Committees	Key Areas of Responsibility
University of Waterloo	Senate Undergraduate Council	Senate Undergraduate Council oversees the academic quality of undergraduate studies. It recommends policies and program changes to Senate, approves new and revised courses, and advises the Provost. It also reviews briefs from the university community and refers various matters to Senate.
McMaster University	Undergraduate Council	The Undergraduate Council's responsibilities include initiating and regulating issues concerning undergraduate work across the university, acting on faculty recommendations, making recommendations to the Senate, and overseeing conditions for undergraduate awards.
University of Ottawa	Council on Undergraduate Studies	Under the authority of the Senate, the Council is responsible for developing University-wide academic regulations pertaining to undergraduate studies, as well as for planning and development of undergraduate studies, in order to ensure the excellence of undergraduate programs and to promote the University's mission with respect to undergraduate studies.
Queen's University	Senate Committee on Academic Development and Procedures	This committee is responsible for reviewing and recommending policies, principles, and priorities related to the university's academic development and planning. It oversees processes for academic planning, monitors implementation of academic plans, and makes recommendations to Senate on matters such as establishing or modifying faculties, departments, academic programs, and academic policies. The committee also advises on admissions policies, quality assurance processes, academic integrity, examinations, sessional dates, and academic calendars.
University of Toronto	Committee on Academic Policy and Programs	The Committee on Academic Policy and Programs (AP&P) is a standing committee of the Academic Board. It is responsible for reviewing and approving changes to admission and program regulations, curriculum, degree requirements, academic regulations, and policies concerning academic services, research, and earned degrees, diplomas and certificates.
Western University	Senate Committee on Academic Curriculum and Awards	The Senate Committee on Academic Curriculum and Awards (ACA) is responsible for reviewing and advising on academic curriculum and awards. Its

		<p>main duties include evaluating proposals for new academic programs and changes to existing ones, reviewing new and revised undergraduate courses, overseeing cyclical program reviews, approving and monitoring micro-credentials, and examining academic content.</p>
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Final Step for Minor Modifications Approval



5. Undergraduate Council

5.01	There shall be a council of the university, appointed by and responsible to Senate, called the Undergraduate Council.
5.02	<p>Undergraduate Council Membership The membership of this council shall consist of the following:</p> <ul style="list-style-type: none">a. <i>Ex Officio</i><ul style="list-style-type: none">i. The president of the university.ii. The vice-president, academic & provost.iii. The associate vice-president, academic, who shall co-chair this council.iv. The dean of the federated university.v. The associate dean for undergraduate studies for each faculty.vi. The registrar of the university.vii. The university librarian, or delegate.viii. The vice-president (education) or equivalent from the Undergraduate Student Association of each faculty of the university.b. Elected / Appointed<ul style="list-style-type: none">i. One member of the faculty from each faculty of the university which offers undergraduate programs, each of whom shall serve for a term of two years.ii. One member of faculty from the federated university, who shall serve for a term of two years.iii. One member of faculty from the affiliated university colleges, who shall serve for a term of two years.iv. A director appointed from Co-operative Education & Career Action.v. An executive member appointed from the Federation of Students.

Powers and Duties of the Undergraduate Council

The Undergraduate Council shall consider all questions relating to the academic quality of undergraduate studies within the university and, without intending to restrict the generality of the foregoing, the Undergraduate Council shall,

5.03

- a. Make recommendations to Senate with respect to rules and regulations for the governance, direction and management of undergraduate studies in the university.
- b. Make recommendations to Senate with respect to new undergraduate programs/plans, the deletion of undergraduate programs/plans, and major changes to undergraduate programs/plans.
- c. On behalf of Senate, consider and approve all new undergraduate courses, the deletion of undergraduate courses, and proposed changes to existing undergraduate courses and minor changes to programs and/or plans, and provide Senate with a summary of council's deliberations in this regard. Any matter of controversy that might arise may be referred to Senate.
- d. Advise the vice-president, academic & provost on all matters relating to undergraduate studies.
- e. Consider, study and review briefs on any aspect of undergraduate studies from members of the university.



SUC Curriculum Subcommittee

The SUC Curriculum subcommittee reviews curricular submissions ahead of SUC meetings with detailed scrutiny, seeking clarifications and corrections as needed. Work is primarily asynchronous, using workflows in the University curriculum management system. Any SUC member may request further discussion of any item of business by requesting it be moved to the regular agenda during the course of any SUC meeting.

The Secretary to the SUC Curriculum Sub-Committee is Tony Ly.

Membership 2025–2026

<i>Name</i>	<i>Membership/Title</i>
David DeVidi [Chair]	Associate Vice-President, Academic
Faculty	
Katherine Acheson	Associate Dean Undergraduate Studies (Arts)
Benoit Charbonneau	Associate Dean Undergraduate Studies (Mathematics)
Laura Deakin	Associate Dean Undergraduate Studies (Science)
Leeann Ferries	Associate Dean Undergraduate Studies (Health)
Jason Grove	Associate Dean Undergraduate Studies (Engineering)
Johanna Wandel	Associate Dean Undergraduate Studies (Environment)
AFIW Representative	
Veronica Austen	Affiliated and Federated Institutions of Waterloo (AFIW)
Undergraduate Student	
Alex Pawelko	Undergraduate Student
Non-Voting	
Angela Christelis	Director, Academic Quality Enhancement
Danielle Jeanneault	Manager, Curriculum and Calendar

On October 7, 2024 Senate approved the establishment of a curriculum subcommittee for Senate Undergraduate Council. The description of remit and processes are below.

- Members of the subcommittee to review submissions in advance of SUC meetings, with scrutiny akin to that rendered by the ADUs:
 - Discover clarifications/corrections
 - Reach out to non-committee members as necessary in this process. This work can take place asynchronously and largely without the need for in-person meetings.
 - Evolve practices to utilize workflows embedded within the new curriculum and calendar management system.
- Once curricular submissions are revised and refined to address any issues with the submission, a vote will be taken (“Yes/no” on recommending the change to SUC). The aim will be to allow easy and efficient discourse and voting for committee members and will further aim to provide an automatic record of the result. Since a unanimous “yes” vote is currently the typical outcome at SUC, we anticipate that this will remain the normal result in the subcommittee, since required corrections will be made along the way
- The subcommittee may choose to operate through synchronous meetings, or through asynchronous processes where all members have the opportunity to engage in the business of the subcommittee.
- Impact on SUC meetings:
 - The subcommittee would submit a report to recommend to SUC the unanimously approved courses and minor modifications, and this would be brought forward in the consent agenda. It is anticipated that nearly all such curricular business would be handled in three (3) meetings over the course of the year
 - Where the subcommittee does not obtain unanimous approval, those curricular items would be brought forward to SUC for approval, with an item on the regular agenda for an SUC vote. It is anticipated that this would occur infrequently
 - The subcommittee would make recommendations to SUC to approve new program proposals, major modifications to programs, and regulation changes to SUC, with this business carried out in the regular agenda

The scrutiny and approval of curricular submissions is allocated rationally to streamline processes, and there continues to be provision for any SUC member to request that any item of business be discussed in greater detail at any time e.g., moving the item from consent agenda to regular agenda.

The membership of this committee shall consist of the following:

1. Associate Vice-President, Academic (AVPA) [Chair]
2. The six Faculty Associate Deans for Undergraduate Studies (ADUs)
3. One SUC member from an Affiliated and Federated Institutions of Waterloo (AFIW), one year term [this member will rotate between the AFIW represented at SUC, and the member will consult with representatives from other AFIW, as appropriate]
4. One undergraduate student member, appointed by the WUSA President, one year term [student member may be drawn from any student senator or any student member of a Senate committee]
5. Manager, Curriculum and Calendar (non-voting)
6. Quality Enhancement Coordinator (non-voting)
7. SUC Secretary (non-voting)

Terms of Reference

Article XI of the Senate By-laws states:

157. There shall be an Undergraduate Council with the following membership:

Ex Officio

Chancellor

President

Provost

Vice-Provost (Teaching & Learning)

Associate Deans, Undergraduate Studies of the Faculties of Business, Engineering, Humanities, Science and Social Sciences (or their respective delegates)

Associate Dean of Health Sciences (Undergraduate Education)

Director of the Arts and Science Program

Director of McMaster Continuing Education

University Registrar

Associate Vice-President (Students and Learning) and Dean of Students

University Librarian

Members

- Six faculty members elected from the Professors, Associate Professors, and Assistant Professors, comprising one member from each Faculty offering undergraduate work;
- Seven undergraduate students, one from each of the six Faculties offering undergraduate work, and one from the Arts and Science Program, to be appointed by the Senate on the recommendation of the Dean / Director.
- Twelve members of the Council, excepting the Chancellor, the President and the Provost, shall constitute a quorum.

158. The Chair of the Undergraduate Council shall be the Vice-Provost (Teaching & Learning).

159. The Vice-Chair of the Undergraduate Council shall be elected annually by and from the members of the Undergraduate Council.

160. The Secretary of the Undergraduate Council shall be the University Secretary.

161. The faculty member elected from each Faculty offering undergraduate work shall be elected in accordance with the requirements of clause 15. These elections shall be conducted by the University Secretary.

162. The term of office of faculty members on the Undergraduate Council shall commence on the first day of July following their election, and shall be for three years, renewable once, subject to the proviso that faculty members who are to be absent from the University for a year or more shall resign their seats before leaving and be replaced at an ensuing election.

163. The term of office for an undergraduate student member shall commence on the first day of July following the appointment of such member, and shall be for one year, renewable.

164. The powers and duties of the Undergraduate Council are:

- a) to make rules and regulations for governing its proceedings;
- b) to initiate and regulate matters concerning undergraduate work of concern to the University as a whole, in accordance with such directives and priorities as have been established by the Senate;
- c) to act upon recommendations concerning undergraduate work from the Faculties and the Arts and Science Program;
- d) to transact such business as is placed on its agenda by one or more of the Chair, the Secretary of the Undergraduate Council, an Associate Dean or Dean of a Faculty offering undergraduate work, or the Director of the Arts and Science Program;
- e) to report and to make recommendations to the Senate upon such matters as may be judged necessary by the Undergraduate Council or as required by the Senate;
- f) to stipulate the conditions of award of all fellowships, scholarships, medals, prizes and other awards established for undergraduate students, and to make such awards;
- g) to give direction to the Office of Student Financial Aid and Scholarships on policies and procedures

respecting the acceptance of all fellowships, scholarships, medals, prizes and other awards for undergraduate students, and the administration thereof;

- h) to meet at least once each academic term; and
- i) to make publicly available the agenda and the minutes of its meetings.

The Undergraduate Council shall also have the power to establish committees as set forth in Schedule E. Revisions to Schedule E shall be approved by Undergraduate Council and forwarded to Senate for information.

Notwithstanding any of the above, the following matters must be referred to the Senate for decision:

- establishment of new programs;
- closure of existing programs;
- substantial revisions of admission standards;
- substantial changes in degree, diploma and certificate requirements, and/or academic regulations.

Revised: June 7, 2023

Council on Undergraduate Studies

Under the authority of the Senate, the Council is responsible for developing University-wide academic regulations pertaining to undergraduate studies, as well as for planning and development of undergraduate studies, in order to ensure the excellence of undergraduate programs and to promote the University's mission with respect to undergraduate studies.

Agendas and minutes

The Council on Undergraduate Studies meets on average 10 times during the academic year. Agendas and minutes are available in due course.

[Agendas and minutes by year](#)

Terms of Reference

Establishment

The Council on Undergraduate Studies was established by Senate resolution 75-76. 124-126 adopted on February 23, 1976. Subsequent amendments to its terms of reference were made on September 11, 1978 (resolution 78-79.27), January 16, 1989 (resolution 88-89.20), January 10, 1994 (resolution 93-94.17), June 13, 2005 (resolution 2004-2005.77), September 11, 2006 (resolution 2006-2007.7), June 2, 2008 (resolution 2007-2008.86), October 6, 2008 (resolution 2008-2009.20) and June 12, 2017 (resolution 2016-17.057).

Status

The Council on Undergraduate Studies (the Council) is a standing committee of the Senate.

Powers and Functions

Under the authority of the Senate, the Council is responsible for developing University-wide academic

regulations pertaining to undergraduate studies, as well as for planning and development of undergraduate studies, in order to ensure the excellence of undergraduate programs and to promote the University's mission with respect to undergraduate studies.

Without limiting the scope of the foregoing, the Council is responsible for:

- making recommendations to the Senate concerning the development, revision or elimination of academic regulations pertaining to undergraduate studies, including regulations relating to student admissions, students' academic progress as well as the conditions for obtaining a degree;
- making recommendations to the Senate with respect to undergraduate course and program changes as well as requests for the creation or abolition of undergraduate programs, taking into account institutional priorities and the requirements of the Institutional Quality Assurance Process;
- advising Faculties and the Senate on the formulation and updating of Faculty and University academic development plans for undergraduate studies; and
- making recommendations to the Senate concerning changes to the Council's terms of reference.

Membership

Members

The Council is composed of the following members:

1. the Vice-Provost, Academic Affairs;
2. the Vice-Provost, Graduate and Postdoctoral Studies;
3. the Associate Vice-President, Student Affairs;
4. one or more Vice-Deans, Undergraduate Studies, or equivalent, from each faculty depending on the structure of each faculty;
5. the Director of Cyclical Program Reviews;
6. a representative from Saint Paul University, named by Saint Paul University for a three-year term, renewable;
7. five regular full-time professors elected by the Senate for a three-year term, renewable, from candidates nominated by the executive committee of each faculty;
8. three full-time undergraduate students elected by the Senate for a two-year term, renewable, from candidates nominated by a nominating committee composed of the undergraduate student members of Senate and one member of the executive of University of Ottawa Student's Union named by the Union (who may also be candidates);
9. the Director of the Student Academic Success Service;
10. the Registrar;
11. the Director of the Co-operative Education Programs or a delegate; and
12. the Director of French Immersion Stream.

Chair

The Vice-Provost, Academic Affairs serves as Council chair.

Meetings

Convening

The Council will meet as often as required to fulfil its mandate, as convened by the Chair.

Quorum

Twelve members of the Council constitute a quorum.

Voting

All motions require a majority vote of members present, except for motions relating to the elimination of programs offered in French, in which case a two-thirds majority vote of members present is required.

Reporting Relationship

The Committee reports to the Senate through the Executive Committee of the Senate.

Secretariat

Secretariat services are provided by the Office of the Secretary-General and the Office of the Vice-Provost, Academic Affairs.

Terms of Reference

(Approved 2021)

To formulate and recommend to the Senate principles, policies, and priorities for the academic development of the University.

To formulate, adopt, and oversee rigorous processes for on-going academic planning that are responsive to changing needs in teaching and learning, including the annual monitoring of the implementation of the University's Academic Plan and its periodic revision and renewal.

To make recommendations to the Senate on the establishment of any faculty, school, non-research centres or institutes, departments, or the academic terms of endowed or named chairs/professorships (excluding named research chairs that are primarily funded by external granting agencies), and approve minor changes to the academic terms of reference of such chairs/professorships on behalf of the Senate from time to time.

To make recommendations to the Senate on the academic quality and financial implications of proposals from faculties, schools, centres, and institutes, for new programs of study leading to a degree, diploma, or certificate.

To make recommendations to the Senate on proposals from faculties, schools, centres, and institutes for changes that substantially alter existing programs of study.

To make recommendations to the Senate on amendments to Queen's University Quality Assurance Processes (QUQUAP).

To advise on university-wide admission policies.

To make recommendations to the Senate on proposed names, or changes thereto, of academic units, academic degrees and/or academic programs/plans.

To make recommendations to the Senate on the proposed enrolment plans developed by the Strategic Enrolment Management Group.

To recommend policies on academic integrity to the Senate and to approve procedures developed to implement these policies.
To report annually to Senate on university-wide academic integrity statistics.

To approve annually sessional dates on behalf of Senate.

To advise Senate on matters pertaining to the publication of the University Calendars.

To recommend to the Senate a policy outlining standards for conducting examinations.

To examine and approve grading systems throughout the University.

To recommend to the Senate policy on the content of the student transcript.

To recommend to the Senate a policy outlining standards for Convocations.

To approve, on behalf of the Senate, Faculty Board-certified lists of degrees, diplomas and certificates.

To approve, on behalf of the Senate, the design of new academic hoods....



**COMMITTEE ON ACADEMIC POLICY AND PROGRAMS
TERMS OF REFERENCE**

1. MEMBERSHIP

1.1 Composition

Total membership is approximately 31 and is broadly representative of the academic divisions. Two assessors, selected by the President, are members *ex officio*.

The composition of the Committee on Academic Policy and Programs is as follows:¹

	GOVERNING COUNCIL	NON-GOVERNING COUNCIL	TOTAL
Administrative Staff	0-1	1-0	1
Alumni	0-1	0-1	1
LGIC Appointees	0-1		1 ²
Teaching Staff	0-2	16-14	16
Students	1	5	6
Presidential Assessors			2
<i>Ex Officio</i>			
Chancellor	1		1
Chair	1		1
Vice-Chair	1		1
President	1		1
TOTAL			31

The Secretary of the Governing Council is a non-voting *ex officio* member of the Committee. The President may appoint annually University Officers as non-voting assessor members of the Committee.

1.2 Term

Terms are normally for one year, beginning July 1, and may be renewed.

1.3 Chair and Vice-Chair

The Chair and Vice-Chair shall be appointed by the Academic Board.

¹ Members of the Committee are members either of the Governing Council or of the Academic Board. Where there is an insufficient number of members of the Governing Council available from any constituency, the number of members of the Academic Board is increased to the appropriate total. The total size of the Committee may be varied slightly, up or down, with the approval of the Chair of Governing Council.

² If no member of the Governing Council appointed to Council by the Lieutenant Governor in Council (LGIC) wishes to serve, a second alumni member, from Governing Council or the Academic Board, should be appointed.

2. QUORUM

One-third of the voting members (normally 11).

3. FUNCTION

The Committee, which reports to the Academic Board, has general responsibility for policy on, and for monitoring, the quality of education and the research activities of the University.

In fulfilling this responsibility, the Committee works to ensure the excellent quality of academic programs by considering proposals for new academic programs and monitoring reviews of existing programs. It oversees policy matters in such areas as admissions, awards, degree requirements, academic regulations, grading practices, research and the products of research, and academic services.

Some policy issues concern only one academic division. Others are matters of University-wide concern.

Much of the Committee's work arises from proposals from the academic divisions, which have been approved by the relevant divisional councils. The Committee will not normally amend proposals forwarded by a divisional council unless the amendment(s) is (are) deemed by the Chair or the senior Presidential assessor to be minor. Such proposals may be accepted, rejected, or referred back to the divisional council. If accepted by the Committee, the proposal may be received for information, approved by the Committee, or recommended to the Academic Board for approval, depending on the nature of the proposal.

The Committee on Academic Policy and Programs approves or recommends to the Academic Board of the Governing Council for consideration the following:

- University-wide policy in academic matters, major divisional policies in academic matters, and amendments to such policies;
- new academic programs³ including joint programs with external institutions, and their academic content and requirements, and the closure of academic programs;
- major changes in academic regulations;
- the establishment of new graduate diploma and the closure of such diploma programs;
- the establishment, amendment or rescission of University-wide policy with respect to grading practices and examinations;
- policy on academic services (such as the Library, information and computing services);
- policy on research;
- policy on earned degrees, diplomas and certificates; and
- policy on admissions and awards.

³ The definition of new academic programs is that contained in the [University of Toronto's Quality Assurance Process](#) (UTQAP), ().

4. AREAS OF RESPONSIBILITY

The approval levels described below are summarized in tabular form in Attachment “A”.⁴

4.1 Admissions policies

University-wide policies, and amendments to them, are considered by the Committee and forwarded to the Academic Board for approval. New divisional policies, or major amendments to existing policies that affect the whole division are considered by the Committee for approval. Amendments to admission policies that are not of major significance across the division may be approved by the relevant divisional council and reported to the Provost’s Office for information.

4.2 Awards policies

The establishment, termination or major amendment of University-wide policies on student awards are considered by the Committee and forwarded to the Academic Board for approval. Minor amendments may be approved by the Committee. Divisional policies and practices on student awards that are consistent with University-wide policies may be approved by the relevant divisional council and reported to the Provost’s Office for information.

4.3 Academic regulations

The establishment, termination or major amendment of University-wide policies governing academic regulations are considered by the Committee and forwarded to the Academic Board for approval, for example, but not limited to, policies on academic appeal procedures and standards of professional practice behaviour for students in professional faculties. Minor amendments to University-wide policies may be approved by the Committee. Amendments to divisional academic regulations that will have a major affect in the division or that would require an exception to some element of University-wide policy are considered by the Committee for approval. Other amendments to divisional academic regulations may be approved by the relevant divisional council and reported to the Provost’s Office for information.

4.4 Academic program proposals

The Committee on Academic Policy and Programs considers academic program proposals forwarded from divisional councils.

Where it considers it appropriate:

- (a) The Committee recommends to the Academic Board approval of proposals for:
 - (i) undergraduate programs leading to new degrees;
 - (ii) new graduate programs and degrees;
 - (iii) the closure of existing degrees and graduate programs;
 - (iv) the addition and termination of joint degrees and programs with external institutions;
 - (v) the renaming of degrees; and
 - (vi) programs that establish significant new academic directions for a Faculty or that are anticipated to have a substantial impact on relationships amongst divisions or with the public.

⁴ The table is meant as a general guide. Decisions are made by the Chair in consultation with the Senior Assessor and the Agenda Planning Group.

4. AREAS OF RESPONSIBILITY (Cont'd)

4.4 Academic program proposals (Cont'd)

Note 1. Where a proposal in these categories will have substantial resource implications requiring an addition to a division's approved budget, the senior assessor to the Planning and Budget Committee (or designate) will bring to that Committee a proposal for review of the planning and resource implications of the proposal, for action with respect to the resource implications, and for concurrence with the recommendation of the Committee on Academic Policy and Programs for approval of the proposal.

Note 2. Where a proposal for the disestablishment of an academic unit is to be made to the Planning and Budget Committee, the senior assessor to that Committee (or designate) will forward that proposal to the Committee on Academic Policy and Programs for information.

(b) The Committee approves proposals for:

- (i) new undergraduate programs within an existing degree, as defined in the *University of Toronto Quality Assurance Process*, and other than those in (a) above; and the closure of such programs; and
- (ii) new graduate diploma programs and the closure of such programs and

The Councils of the academic divisions have delegated authority to approve:

(a) modifications to existing degree programs;

The Committee on Academic Policy and Programs receives for information an annual report on modifications to existing programs that are defined in the *University of Toronto Quality Assurance Process* as major modifications.

(b) transcript notations within existing degree programs;

The Committee on Academic Policy and Programs receives for information an annual report on the establishment and termination of transcript notations.

(c) creation, modification and closure of certificate programs, in accordance with the *University's Policy on Certificates (For-Credit and Non-Credit)*;

The Committee on Academic Policy and Programs receives for information an annual report on such actions where reporting is required by the *Policy on Certificates (For-Credit and Non-Credit)*.

4.5 Examinations and grading practices

The establishment, amendment or repeal of University-wide policy with respect to grading practices and examinations is considered by the Committee on Academic Policy and Programs and forwarded by the Committee with its recommendation for approval to the Academic Board.

Major amendments to divisional practices and policies or amendments requiring an exception to University-wide policy are considered for approval by the Committee.

Minor amendments to divisional practices consistent with the University's policy are approved by the divisional councils and reported to the Vice-President and Provost.

4.6 Policy on academic services

Policy matters with respect to academic services (included but not limited to the Library, computing services, student record systems) fall within the terms of reference of the Committee on Academic Policy and Programs. Such policies are considered by the Committee on Academic Policy and Programs and forwarded with its recommendation for approval to the Academic Board.

4.7 Earned degrees, diplomas and certificates

Policy matters affecting earned degrees, diplomas, and certificates, including their design and issuance of replacements, are considered for approval by the Committee on Academic Policy and Programs.

4.8 Research policy

Policy on research is considered by the Committee on Academic Policy and Programs and forwarded with its recommendation for approval to the Academic Board. Research policies deal with such matters as the use of human and animal subjects, intellectual property, publication of research results, inventions, and innovations. [The Planning and Budget Committee has responsibility for policy on planning including the strategic planning framework for research.]

4.9 Monitorial responsibilities

The Committee is responsible for monitoring academic matters as may be required by general policy, as specified herein or by resolution of the Academic Board, the Executive Committee or the Governing Council. The Committee receives annual reports or such more frequent regular reports as it may determine, on matters within its purview, including reports on the following:

- Reviews of academic units and programs;
- Major modifications to programs, as approved by divisional Councils;
- Establishment and termination of transcript notations within existing degree programs;
- For-credit and not-for-credit certificates;
- Annual Ontario Co-operative Education Tax Credit: Approved List of Programs;
- Student financial support; and
- Student awards.

5. PROCEDURES

The Committee on Academic Policy and Programs usually meets in open session.

In order to carry out its mandate, the Committee receives for its approval proposals from the academic divisions of the University which have been approved by the relevant divisional councils.⁵

In establishing agendas for meetings of the Committee, the Chair normally will be advised by a planning group that includes the Vice-Chair, and the voting and non-voting assessors. The proposed agenda for a meeting, together with background documentation, is reviewed at an agenda planning group meeting scheduled ten to fourteen days prior to the Committee meeting.

The Chair of the Committee, with the advice of the Committee's agenda planning group and subject to the duly established authority of the Agenda Committee of the Academic Board, the Academic Board, and the Executive Committee of Governing Council, has the authority to interpret the terms of reference of the Committee with respect to whether an item should be placed on the Committee's agenda for recommendation to the Academic Board, for Committee approval or for information and discussion.

5.1 Consent agenda

The Chair may determine that an item should be placed on a "consent" portion of the agenda. Those items are not given individual consideration by the Committee, unless a member so requests. Rather, members with questions for clarification, or requests for further information, contact the assessor or other contact person shown on the item in advance of the meeting. Members with concerns who would like an item to be discussed by the Committee should notify the Secretary at least 24 hours in advance of the meeting. Upon the request of any member, the matter will be considered by the Board in the usual manner.

Where a consent item requires a resolution of the Committee, and where no member has requested consideration of the item in the usual manner, the motion will be placed before the Committee and seconded, and it will normally immediately proceed to a vote without introduction or discussion.

Where a consent item is for information only, and where no member has requested consideration of the item in the usual manner, the item will normally be taken as received by the Committee without introduction or discussion.

⁵ Divisional proposals are reviewed by the Senior Assessor to the Committee. All proposals are submitted to the Committee through the Office of the Vice-President and Provost, which recommends items to the Committee through the Senior Assessor.

5.1 Additional Reports for Information

To keep members abreast of developments in a timely manner, certain reports for information required by these terms of reference and others as decided by the Chair from time to time will be considered by the members of the Committee following their electronic publication. Members will be notified once the reports are made available. Members who have questions about a report will be invited to contact the sponsor of the item. Members with concerns about the report who would like it to be discussed by the Committee should notify the Secretary at least fourteen days in advance of the next meeting to enable consideration by the agenda planning group. The report will be considered by the Committee at that meeting in the usual manner.

May 23, 2002 - Approved by Governing Council

May 19, 2011 – Revisions approved by Governing Council

June 23, 2011 – Revisions approved by Governing Council

*October 27, 2011 –Revisions arising from the recommendations of the Implementation Committee
for the Report of the Task Force of Governance approved by the Governing Council*

May 23, 2013 – Revisions approved by Governing Council

February 25, 2016 – Revisions approved by Governing Council

June 24, 2021 – Revisions approved by Governing Council

Committee on Academic Policy and Programs: Guidelines Regarding Levels of Approval

The level of approval required for proposals relating to academic policy and programs under the authority of Governing Council depends upon the magnitude and significance of the proposed changes to existing policy. Policy and program changes specific to particular academic divisions are approved in the first instance by divisional councils. University-wide policy proposals are developed by the central administration. The point of entry for all academic policy and program proposals into University governance is the Committee on Academic Policy and Programs (AP&P). The judgment as to the level of approval warranted for a given proposal is made by the Chair of the Committee on the advice of the agenda planning group. Examples of the types of proposals, by the level of approval or other action warranted, are given in the table below:

Category of Proposal	Approved by Divisional Council under delegated authority; reported to the Provost's Office for information; no further governance action required	Received by AP&P for information	Approved by AP&P	Recommended by AP&P to Academic Board for approval*
Admission policies	Amendments to admission policies that are not of major significance to the entire division		New divisional policies and major amendments to them that affect the entire division	University-wide policies and amendments to them
Student awards policies	Establishment, termination or amendment of divisional policies on student awards that are consistent with University-wide policy		Minor amendments to University-wide policies on student awards	Establishment, termination or major amendment of University-wide policies on student awards
Academic regulations	Minor amendments to divisional academic regulations that are consistent with University-wide policy		Minor amendments to University-wide policies governing academic regulations. Major amendments to divisional academic regulations or regulations that require an exception to University-wide policies	Establishment, termination or major amendment of University-wide policies governing academic regulations, e.g. student appeal procedures, or standards of professional behaviour

* For levels of approval beyond Academic Board, see Academic Board Terms of Reference

Committee on Academic Policy and Programs: Guidelines Regarding Levels of Approval

Category of Proposal	Approved by Divisional Council under delegated authority; reported to the Provost's Office for information; no further governance action required	Received by AP&P for information	Approved by AP&P	Recommended by AP&P to Academic Board for approval*
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<p>Academic program proposals</p>	<ul style="list-style-type: none"> • modifications to existing degree programs and graduate diploma programs; • creation, modification and closure of undergraduate certificate programs • transcript notations within existing degree programs. 	<ul style="list-style-type: none"> • annual report on major modifications to existing degree and diploma programs • Annual reports on for-credit and not-for-credit certificates • annual report on the establishment of transcript notations within existing degree programs. • annual Ontario Co-operative Education Tax Credit: Approved List of Programs 	<ul style="list-style-type: none"> • new undergraduate programs within an existing degree and graduate diploma programs, as defined in the <i>University of Toronto Quality Assurance Process</i>, and the closure of such programs • 	<ul style="list-style-type: none"> • New undergraduate programs leading to new degrees; • New graduate programs and degrees; • the termination of existing degrees • the termination of graduate degree programs • the addition and termination of joint degrees and programs with external institutions; • the renaming of degrees; and • programs that establish significant new academic directions for a Faculty or are anticipated to have a substantial impact on relationships amongst divisions or with the public.
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<p>Examinations and Grading Policies</p>	<p>Minor amendments to divisional practices consistent with the University's policy</p>		<p>Major amendments to divisional practices and policies including those which require an exception to some aspect of the University-wide policy and those that have a major</p>	<p>Establishment, amendment or repeal of University-wide policy with respect to grading practices and examinations</p>
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* For levels of approval beyond Academic Board, see Academic Board Terms of Reference

Committee on Academic Policy and Programs: Guidelines Regarding Levels of Approval

Category of Proposal	Approved by Divisional Council under delegated authority; reported to the Provost's Office for information; no further governance action required	Received by AP&P for information	Approved by AP&P	Recommended by AP&P to Academic Board for approval*
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			impact on the division	
Policy on academic services				Policy matters with respect to academic services (including but not limited to the Library, computing services, student record systems)
Earned degrees, diplomas and certificates			Policy matters affecting earned degrees, diplomas and certificates, including their design and issuance of replacements.	
Research policy				Policy on research dealing with such matters as the use of human and animal subjects, intellectual property, publication of research results, inventions and innovations

* For levels of approval beyond Academic Board, see Academic Board Terms of Reference

Committee on Academic Policy and Programs: Guidelines Regarding Levels of Approval

Category of Proposal	Approved by Divisional Council under delegated authority; reported to the Provost's Office for information; no further governance action required	Received by AP&P for information	Approved by AP&P	Recommended by AP&P to Academic Board for approval*
Monitorial responsibilities		Reports on Reviews of Academic Programs & Units Annual report on major modifications to academic programs, as approved by the divisional councils Annual report on the establishment and termination of transcript notations within existing degree programs Vice-Provost, Students, Annual Report on Financial Support for Students Report on Student Awards: New Amended & Withdrawn		
Other			Revised Divisional Guidelines for the Assessment of Teaching and/or Creative Professional Activity	

Revisions approved by Governing Council May 1, 2006; May 19, 2011; October 27, 2011; February 25, 2016; June 24, 2021

* For levels of approval beyond Academic Board, see Academic Board Terms of Reference

Office of the Vice-Provost, Academic Programs

Minor Modifications

Overview

Minor modifications are the most common type of academic change; they are intrinsic to maintaining robust programs. They involve a wide variety of academic changes to existing undergraduate and graduate programs.

The overarching definition of what constitutes a minor modification is provided by the [University of Toronto Quality Assurance Process \(UTQAP\)](#) (PDF).

Minor modifications include:

- **new minor** where there is an existing specialist or major (undergraduate)
- name changes to **streams** (undergraduate)
- **new emphases** and **changes to existing emphases** (graduate)
- name changes to **fields, concentrations and emphases** (graduate)
- changing **admission and program requirements** that don't change the learning outcomes (undergraduate and graduate)
- a degree program's **participation in or withdrawal from** a collaborative specialization (graduate)
- **new courses** (undergraduate and graduate)

- **changes to courses** (undergraduate and graduate)
- **changes to mode of course delivery** from in-class to online, or online to in-class (undergraduate and graduate).

Responsibility & Consultation

Minor modifications are managed by the Faculties/divisions.

Please consult your Dean's Office with all questions about undergraduate and graduate minor modifications. Dean's Offices will consult with the VPAP Office as needed; this may include determining whether a particular change is a major or minor modification.

Proposals Resulting in New or Changed Names

Please contact the VPAP Office about all proposed name changes and all proposals that will result in a new named entity (e.g., new minor, emphasis, etc.) prior to governance.

Graduate Minor Modifications

The VPAP office is responsible overall for implementing [graduate minor modifications](#).

Reporting

Undergraduate

Divisions will have their own reporting deadlines to align with calendar processes. Please report program name changes and any minor modifications resulting in a new named entity (e.g., new minor, focus) to the VPAP Office.

Graduate

Once a minor modification has been approved at the appropriate Faculty/divisional level, please send a final copy of the proposal as approved through governance to grad.minormods@utoronto.ca. Please include the date of final governance approval in the body of the email. This will ensure that approved changes can be implemented in all systems (ROSI, *School of Graduate Studies Calendar*, etc.).

Resources

- [Changing mode of delivery of courses and programs for 2022-23 and later \(March 2021\)](#).
- [Diagram: the minor modification process](#) (PDF)
- [Academic change processes: key characteristics and examples](#).
- [Graduate minor modifications and SGS Calendar editorial changes](#)
- [Sample graduate calendar entries: governance vs. editorial changes](#)

Contact

[Alexandra Varela](#)

Coordinator, Academic Programs
416.978.7709

[Jennifer Francisco](#)

Coordinator, Academic Change
416.946.0094

Senate Committee on Academic Curriculum and Awards (ACA)

Effective Date: March 13, 2026

Supersedes: November 8, 2024; July 1, 2022; June 5, 2020;
September 2018; July 2014

Date of Next Review: Spring 2027

The primary responsibilities of the Senate Committee on Academic Curriculum and Awards (ACA) are to:

- review proposals for new academic programs and changes to existing programs;
- review proposals for new undergraduate courses or changes to existing undergraduate courses;
- appraise cyclical reviews of academic programs;
- provide oversight of OSAP-Eligible Micro-credentials;
- review the academic content of agreements with external institutions, and
- approve the establishment of terms of reference for student scholarships, medals or awards, for recommendation to the Board of Governors.

The Senate Committee on Academic Curriculum and Awards (ACA) has under its jurisdiction the following subcommittees:

- Subcommittee on Program Review – Undergraduate (SUPR-U)
- Subcommittee on Program Review – Graduate (SUPR-G)
- Subcommittee on Undergraduate Academic Courses (SOC)
- Administrative Subcommittee to Review Scholarships (SRS)

TERMS OF REFERENCE

Establishment of and Revisions to Academic Programs

1. To review, and approve for recommendation to Senate, proposals for the establishment of new programs, degrees, modules and/or subject areas and for their revision, discontinuation or renaming.
2. To review, and approve for recommendation to Senate, proposals to revise the admission requirements for existing modules and programs that involve a change to the average required for admission to the module/program.

Establishment of and Revisions to Undergraduate Courses

3. To review and consider any proposal referred to the Committee by SOC in respect of any of the following:
 - (a) the establishment, revision and discontinuation of undergraduate courses;
 - (b) revisions to the admission requirements of established undergraduate modules and programs that involve changes to the courses required for admission; and
 - (c) revisions to established undergraduate modules and programs that involve course substitution, amendment or addition/withdrawal and that do not impact the total number of courses specified for the module or program.

Cyclical Reviews of Academic Programs

4. To receive from SUPR-U, reports of cyclical reviews of existing undergraduate programs assessing the overall quality of the programs and making appropriate recommendations in light of those reviews. To approve such cyclical review reports and to forward them to Senate for information.
5. To receive from SUPR-G, reports of cyclical reviews of existing graduate programs assessing the overall quality of the programs and making appropriate recommendations in light of those reviews. To approve such cyclical review reports and to forward them to Senate for information.

OSAP-Eligible Micro-credentials

6. On behalf of the Senate, the Committee has delegated authority to approve OSAP-Eligible Micro-credentials and digital badges for OSAP-Eligible Micro-credentials.
7. To review on a three-year cycle OSAP-Eligible Micro-credentials through a robust and rigorous internal quality assurance process including an on-going self-assessment strategy.

Agreements with External Institutions

8. To examine and review, for recommendation to the Senate, the academic content of agreements with external institutions.

Student Scholarships, Medals and Awards

9. On behalf of the Senate, the Committee has delegated authority to approve the establishment of terms of reference for scholarships, medals or awards, for recommendation to the Board of Governors through the President & Vice-Chancellor.

Additional Responsibilities

10. To receive for information and transmittal to Senate, reports from the Subcommittee on Undergraduate Academic Courses (SOC).
11. To receive for information and transmittal to the Senate and the Board of Governors, the annual report of the Office of Academic Quality and Enhancement from SUPR-U and SUPR-G.
12. To form such other subcommittees and working groups as necessary.
13. To be mindful of the Truth and Reconciliation Commission's Calls to Action on Education (no. 62 – 65) and principles of Equity, Diversity, Inclusion, Decolonization and Accessibility (EDIDA) as set out in Western's EDI Strategic Plan and Indigenous Strategic Plan in fulfilling its responsibilities.

COMPOSITION

Elected:

Thirteen members elected by Senate:

- Eleven faculty members, at least seven of whom are members of Senate. No more than two faculty members may be from the same Faculty, School, or Affiliated University College. No more than one faculty member may be a Dean. At least four faculty members must have membership in the School of Graduate and Postdoctoral Studies.
- Two students: one graduate and one undergraduate.

Ex officio (voting):

President & Vice-Chancellor
Provost & Vice-President (Academic)
Vice-Provost (Academic Programs)
Vice-Provost (Graduate and Postdoctoral Studies)
Vice-Provost and Associate Vice-President (Indigenous Initiatives)
Associate Vice-President (Equity, Diversity & Inclusion)
Chair, Senate Committee on Academic Policy
USC Vice-President (University Affairs)
SOGS Vice-President (Academic)
The Provost (or equivalent) of Huron University College
The Provost (or equivalent) of King's University College

Ex officio (non-voting):

University Registrar
University Secretary

Observers (non-voting):

Appointed on a one-year rotational basis:

One Academic Advisor (and an alternate) from the faculties with first-entry programs

One administrative representative (and an alternate) from the pool of individuals managing second-entry programs.

The Committee shall elect a Chair and a Vice-Chair annually from among the members elected by Senate.

Subcommittee on Undergraduate Academic Courses (SOC)

Effective Date: November 8, 2024

Supersedes: July 1, 2022

Date of Next Review: Spring 2027

The Subcommittee on Undergraduate Academic Courses (SOC) is a subcommittee of the Senate Committee on Academic Curriculum and Awards (ACA).

TERMS OF REFERENCE

1. On behalf of ACA, the Subcommittee has delegated authority to approve, on the recommendation of the Faculty, School or Affiliated University College:
 - (a) the establishment, revision and discontinuation of undergraduate courses;
 - (b) revisions to the admission requirements of established undergraduate modules and programs that involve changes to the courses required for admission; and
 - (c) revisions to established undergraduate modules and programs that involve course substitution, amendment or addition/withdrawal and that do not impact the total number of courses specified for the module or program.
2. To refer to ACA any proposal that the Subcommittee deems may have broader implications and require curriculum or Quality Council approval.
3. To make recommendations to the Senate Committee on Academic Policy relating to potential areas to address in academic policy.
4. To report to ACA at least twice annually.
5. To be mindful of the Truth and Reconciliation Commission's Calls to Action on Education (no. 62 – 65) and principles of Equity, Diversity, Inclusion, Decolonization and Accessibility (EDIDA) as set out in Western's EDI Strategic Plan and Indigenous Strategic Plan in fulfilling its responsibilities, particularly in consideration of courses and modules/programs.

Subcommittee on Undergraduate Academic Courses (SOC)

6. Within the remit of the Subcommittee and drawing on the tools available, to foster opportunities for collegial discussion of interdisciplinary learning.

COMPOSITION

Elected/Appointed:

One representative from each Faculty, School or Affiliated University College (excluding the School of Graduate and Postdoctoral Studies), appointed by the Dean/President, who is either an Associate Dean Academic (or equivalent) or a faculty member familiar with course/module development.*

Additionally, each Dean/President may appoint an alternate to attend (with voice but no vote) only when the appointed member is unavailable.* The alternate may be an administrative staff member, but must be familiar with curriculum (e.g., through work in academic advising or curriculum development). Alternates may not be counted to fulfill quorum.

Six members elected by Senate:

Four faculty members, one of whom is familiar with course/module development or has served as an Undergraduate Chair (or equivalent).

Two undergraduate students.

One Academic Advisor, appointed by the Academic Advisors.*

Ex officio (voting):

Chair, ACA (or designate)
Executive Director, Western Continuing Studies

Ex officio (non-voting):

University Registrar
University Secretary

The Committee shall elect a Chair and Vice-Chair annually. Alternates are not eligible to serve as Chair or Vice-Chair.

GENERAL PROCESS FOR SENATE SUBCOMMITTEES

Designates: Per Senate By-Law VI. 8. a), an *ex officio* member may designate two persons to act on their behalf. The designates shall occupy official positions in the same unit and be able to fully represent the *ex officio* member at the meeting. The Secretariat’s Office must be notified about the names of the designates by September 1 each year.

Terms: Per Senate By-Law VI. 10. a), unless otherwise specified, the terms of office for elected members shall be one year (renewable) for students and two years (renewable) for faculty/others.

Quorum: Per Senate By-Law VI. 11. b), the quorum shall be one-half of all voting members during September to May, and one-third of all voting members during, June, July and August.

Quorum September to May: 11 members

Quorum June to August: 8 members

*The terms of the appointed members are two years.

Appendix B: 2025-2026 Undergraduate Council and Curriculum Subcommittee Meeting Schedules

2025-2026 Undergraduate Council Meetings

Month	<u>University of Waterloo</u>	<u>McMaster University</u>	<u>University of Ottawa*</u>	<u>Queen's University*</u>	<u>University of Toronto*</u>	<u>Western University†</u>
September 2025	1	1	1	1	1	1
October 2025			2	1	1	2
November 2025		1	1	2		1
December 2025	1	1	1			
January 2026		1	1	1		1
February 2026	1	1	1	1	1	1
March 2026		1	1	2	1	1
April 2026	1	1	1	1		1
May 2026			1	1	1	2
June 2026	1			1		
July 2026						
August 2026						
Total	5	7	10	11	5	10

*Institution without a Curriculum Subcommittee.

† A combined Undergraduate and Graduate Council.

2025-2026 Curriculum Subcommittee Meetings

Month	<u>University of Waterloo</u>	<u>McMaster University</u>	<u>Western University</u>
September 2025		1	1
October 2025			1
November 2025	1	2	1
December 2025			1
January 2026	3	1	1
February 2026		1	1
March 2026	1	1	1
April 2026		1	2
May 2026	1		1
June 2026			1
July 2026			
August 2026			
Total	6	7	11



SUC Submission Due Dates

SUC Curriculum Subcommittee Schedule

The 2025-2026 schedule for SUC and the SUC Curriculum Subcommittee has been updated to reflect feedback provided over the past month.

If the need arises, additional SUC meetings may be scheduled at the direction of the Chair.

SUC Curriculum Subcommittee

What's needed for submission to Subcommittee by the deadline for final revisions:

- Agenda page title Subcommittee with Subcommittee meeting date. Please refer to the [Kuali Agenda Guidelines](https://uwaterloo.ca/academic-calendar-curriculum-management-resources/kuali-cm/how-create-agendas/agenda-page-guidelines) <https://uwaterloo.ca/academic-calendar-curriculum-management-resources/kuali-cm/how-create-agendas/agenda-page-guidelines>.
- Provide URL link to digital Kuali Agenda page.

<i>Curricular Submission Deadline</i>	<i>Informal Meeting Date</i>	<i>Final Revisions to Secretariat</i>	<i>E-Vote</i>
March 11, 2025	March 19, 2025	March 27, 2025	March 28-31, 2025
May 6, 2025	May 20, 2025	May 30, 2025	June 2-5, 2025
June 10, 2025	June 18, 2025	June 23, 2025	June 24-30, 2025
November 4, 2025	November 11, 2025	November 24, 2025	November 25-28, 2025
December 18, 2025	January 8 & 9, 2026	January 19, 2026	January 20-23, 2026
March 3, 2026	March 10, 2026	March 23, 2026	March 24-27, 2026
May 5, 2026	May 12, 2026	June 1, 2026	June 2-5, 20

Senate Undergraduate Council

What's needed for the PDFs Due date:

- Agenda page title SUC with SUC meeting date. Please refer to the [Kuali Agenda Guidelines](https://uwaterloo.ca/academic-calendar-curriculum-management-resources/kuali-cm/how-create-agendas/agenda-page-guidelines) <https://uwaterloo.ca/academic-calendar-curriculum-management-resources/kuali-cm/how-create-agendas/agenda-page-guidelines>.
- Provide URL link to digital Kuali Agenda page.
- PDF package to Secretariat. Please see information for the [Kuali Agenda Package Generator](https://uwaterloo.ca/academic-calendar-curriculum-management-resources/kuali-cm/how-create-agendas/how-create-agenda-package-document) <https://uwaterloo.ca/academic-calendar-curriculum-management-resources/kuali-cm/how-create-agendas/how-create-agenda-package-document>.

<i>PDFs Due to Secretariat</i>	<i>SUC Package Circulation</i>	<i>SUC Meeting Date*</i>	<i>Senate Meeting Date*</i>
March 31, 2025	April 1, 2025	April 8, 2025	May 5, 2025
June 6, 2025	June 9, 2025	June 16, 2025	September 22, 2025
September 22, 2025	September 23, 2025	September 30, 2025	October 20, 2025
December 1, 2025	December 2, 2025	December 9, 2025	January 26, 2026
January 26, 2026	January 27, 2026	February 4, 2026 (Last SUC for 26/27 Calendar)	March 2, 2026
March 30, 2026	March 31, 2026	April 7, 2026	May 4, 2026
June 8, 2026	June 9, 2026	June 16, 2026	TBD September 2026

*Secretariat to approve in Kuali after this date

University Secretariat

Undergraduate Council and Committees – Meeting Dates

2025 – 2026 Meeting Dates

Undergraduate Council

- Tuesday, September 23, 2025
- Tuesday, November 4, 2025
- Tuesday, December 9, 2025
- Tuesday, January 27, 2026
- Tuesday, February 24, 2026
- Tuesday, March 24, 2026
- Tuesday, April 21, 2026

Undergraduate Council Executive Committee

- Tuesday, April 14, 2026

Undergraduate Council Awards Committee

- Tuesday, September 9, 2025
- Tuesday, October 28, 2025
- Tuesday, November 18, 2025
- Tuesday, January 13, 2026
- Tuesday, February 3, 2026
- Tuesday, March 3, 2026
- Tuesday, April 7, 2026
- Tuesday, May 26, 2026

Joint Committee on Certificates, Diplomas and Microcredentials

- Tuesday, September 9, 2025
- Tuesday, October 28, 2025
- Tuesday, November 18, 2025
- Tuesday, January 13, 2026
- Tuesday, February 3, 2026
- Tuesday, March 3, 2026
- Tuesday, April 7, 2026
- Tuesday, April 28, 2026

Undergraduate Council Curriculum and Admissions Committee

- Tuesday, September 9, 2025
- Monday, November 24, 2025
- Tuesday, November 25, 2025
- Tuesday, January 13, 2026
- Tuesday, February 3, 2026
- Tuesday, March 3, 2026
- Tuesday, April 7, 2026

University Secretariat

Office Hours & Address

Monday to Friday: 9:00 a.m. – 4:00 p.m.
(closed for lunch 12 p.m. – 1 p.m.)

Gilmour Hall 210
1280 Main Street West
Hamilton ON L8S 4L8
905-525-9140 ext. 24337

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Agendas and minutes

Agendas and minutes of the meetings by year.

2026



- [Agenda, Thursday, March 5, 2026 at 9:30 a.m.](#)
- [Agenda, Thursday, February 5, 2026 at 9:30 a.m.](#)
- [Agenda, Thursday, January 8, 2026 at 9:30 a.m.](#)

2025



- [Agenda, Thursday, December 4, 2025 at 9:30 a.m.](#)
- [Agenda, Thursday, November 13, 2025 at 9:30 a.m.](#)

- [Agenda, Thursday, October 30, 2025 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 2, 2025 at 9:30 a.m.](#)
 - [Agenda, Thursday, September 4, 2025 at 9:30 a.m.](#)
 - [Agenda, Thursday, May 29, 2025 at 10:30 a.m.](#)
 - [Agenda, Thursday, May 1, 2025 at 9:30am](#)
 - [Agenda, Thursday, March 27, 2025 at 9:30am](#)
 - [Agenda, Thursday, March 6, 2025 at 9:30am](#)
 - [Agenda, Thursday, February 6, 2025 at 9:30 a.m.](#)
 - [Agenda, Thursday, January 9, 2025 at 9:30 a.m.](#)
-

2024

- [Agenda, Thursday, December 5, 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 14 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 31, 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 3, 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, September 5, 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, May 2nd, 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, March 28th, 2024 at 9:30 a.m.](#)
 - [Agenda, Thursday, February 8, 2024 at 9:30 a.m.](#)
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2023

- [Agenda, Thursday, January 12, 2023 at 9:30 a.m.](#)
- [Agenda, Thursday, February 9, 2023 at 9:30 a.m.](#)

- [Agenda, Thursday, March 30, 2023 at 9:30 a.m.](#)
 - [Agenda, Thursday, April 27, 2023 at 9:30 a.m.](#)
 - [Agenda, Thursday, September 7, 2023 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 5, 2023 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 2, 2023 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 16, 2023 at 9:30 a.m.](#)
 - [Agenda, Thursday, December 7, 2023 at 9:30 a.m.](#)
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2022



- [Agenda, Thursday, January 13, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, February 3, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, March 31, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, May 5, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, September 8, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, September 29, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 27, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 17, 2022 at 9:30 a.m.](#)
 - [Agenda, Thursday, December 8, 2022 at 9:30 a.m.](#)
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2021



- [Agenda, Thursday, January 14, 2021 at 9:30 a.m.](#)
- [Agenda, Thursday, April 1st, 2021 at 9:30 a.m.](#)
- [Agenda, Thursday, February 4, 2021 at 9:30 a.m.](#)

- [Agenda, Thursday, May 6, 2021 at 9:30 a.m.](#)
 - [Agenda, Wednesday, June 30, 2021 at 9:00 a.m.](#)
 - [Agenda, Thursday, September 9, 2021 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 7, 2021 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 18, 2021 at 9:30 a.m.](#)
 - [Agenda, Thursday, December 9, 2021 at 9:30 a.m.](#)
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2020

- [Agenda, Thursday, September 10, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, January 30, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, March 5, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, April 9, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, May 7, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 8, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 5, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 19, 2020 at 9:30 a.m.](#)
 - [Agenda, Thursday, December 10, 2020 at 9:30 am](#)
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2019

- [Agenda, Thursday, February 7, 2019 at 9:30 a.m.](#)
- [Agenda, Thursday, April 4, 2019 at 9:30 a.m.](#)
- [Agenda, Thursday, May 9, 2019 at 9:30 a.m.](#)
- [Agenda, Thursday, November 21, 2019 at 9:30 a.m.](#)

- [Agenda, Thursday, June 6, 2019 at 9:30 a.m.](#)
 - [Agenda, Thursday, November 7, 2019 at 9:30 a.m.](#)
 - [Agenda, Thursday, October 17, 2019 at 9:30 a.m.](#)
 - [Agenda, Thursday, December 12, 2019 at 9:30 a.m.](#)
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CONTACT

613-562-5700 

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[Subcommittee on Examinations \(/secretariat/senate/committees/scadp-subcommittee-examinations\)](/secretariat/senate/committees/scadp-subcommittee-examinations)

[Subcommittee on Academic Calendars \(/secretariat/senate/committees/scadp-subcommittee-academic-calendars\)](/secretariat/senate/committees/scadp-subcommittee-academic-calendars)

Meeting Dates 2025-2026

SCADP Meeting Date	Materials Deadline (NOON)
September 4, 2025	August 22, 2025
October 8, 2025	September 26, 2025
November 5, 2025	October 24, 2025
November 24, 2025	November 12, 2025
January 7, 2026	December 15, 2025
February 3, 2026	January 22, 2026
March 3, 2026	February 19, 2026
March 25, 2026	March 13, 2026
April 28, 2026	April 16, 2026
May 27, 2026	May 15, 2026
June 18, 2026	June 5, 2026

Secretary: [C. O'Brien \(mailto:claire.obrien@queensu.ca\)](mailto:claire.obrien@queensu.ca)

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SCADP Agenda Resources



COMMITTEE ON ACADEMIC POLICY AND PROGRAMS

The Committee on Academic Policy and Programs (AP&P) is a standing committee of the Academic Board. It is responsible for reviewing and approving changes to admission and program regulations, curriculum, degree requirements, academic regulations, and policies concerning academic services, research, and earned degrees, diplomas and certificates.

Secretary to the Committee on Academic Policy and Programs:

Ms Lauren Turner

Phone: [416-978-8427](tel:416-978-8427)

Email: lauren.turner@utoronto.ca

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Meeting Agenda Packages and Reports for the Current Academic Year

- September 16, 2025 - [View Agenda Package](#) - [View Report](#)
- October 21, 2025 - [View Agenda Package](#) - [View Report](#)
- February 10, 2026 - [View Agenda Package](#) - [View Report](#)
- March 31, 2026
- May 12, 2026

Documents

- [Meeting Schedule](#)
- [Membership](#)
- [Terms of Reference](#)
- [AP&P Calendar of Business](#)
- [Agenda Packages and Reports](#)
- [Previous Agenda Packages and Reports \(from Meetings Held Before the 2019-2020 Academic Year\)](#)
- [Frequently asked Questions](#)

SENATE COMMITTEE ON ACADEMIC CURRICULUM AND AWARDS (ACA)

2025-2026 MEETING SCHEDULE

Submission deadline – 5:00 p.m.	ACA	SENATE
Aug. 27, 2025	Sep. 9, 2025	Sep. 19, 2025
Sept. 25, 2025	Oct. 7, 2025	Oct. 17, 2025
Oct. 16, 2025	Oct. 28, 2025	Nov. 14, 2025
Nov. 13, 2025	Nov. 25, 2025	Dec. 5, 2025
Dec. 11, 2025	Jan. 6, 2026	Jan. 16, 2026
Jan. 22, 2026	Feb. 3, 2026	Feb. 13, 2026
Feb. 19, 2026	Mar. 3, 2026	Mar. 13, 2026
Mar. 26, 2026	Apr. 7, 2026	Apr. 17, 2026
Apr. 23, 2026	May 5, 2026	May 15, 2026
May 13, 2026	May 26, 2026	Jun. 5, 2026

SUBCOMMITTEE ON UNDERGRADUATE ACADEMIC COURSES (SOC)

2025-2026 MEETING SCHEDULE

Submission deadline – 5:00 p.m.	SOC Meeting
Jun. 25, 2025	Jul. 9, 2025
Sep. 4, 2025	Sep. 17, 2025
Oct. 1, 2025	Oct. 15, 2025
Oct. 30, 2025	Nov. 12, 2025
Nov. 27, 2025	Dec. 10, 2025
Dec. 18, 2025	Jan. 14, 2026
Jan. 29, 2026	Feb. 11, 2026
Feb. 26, 2026	Mar. 11, 2026
Mar. 19, 2026	Apr. 1, 2026
Apr. 16, 2026	Apr. 29, 2026
May 6, 2026	May 20, 2026
Jun. 11, 2026	Jun. 24, 2026