

# COUNCIL OF THE FACULTY OF SCIENCE



## NOTICE OF MEETING

January 14, 2025

3pm – 4:30pm

via Zoom

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## AGENDA

1. Call to Order and Approval of Agenda
2. Chair's Remarks
3. Approval of December 10, 2024 Minutes
4. Business Arising
5. Inquiries and Communications
  - > Call for Nominations: Honorific Professorships
6. Dean's Remarks
7. Associate Dean and Head of Bethune College Remarks
8. Reports from Science Representatives on Senate Committees
9. Science Student Caucus Items
10. Reports from Standing Committees of Council
  - a) Executive Committee:
    - > Vacancies report on the Standing Committees of FSc Council
  - b) Undergraduate Curriculum Committee:
    - > Consent agenda items
11. Other Business
  - a) Faculties of the Future: Lisa Philipps - Senior Policy Advisor to the President  
**Discussion Paper and Supporting Materials**

# COUNCIL OF THE FACULTY OF SCIENCE



## MINUTES

December 10, 2024

3pm – 4:30pm

via Zoom

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## MINUTES

### 1. Call to Order and Approval of Agenda

Chair of Council, M. Yousaf, called the meeting to order and a motion was moved, seconded and carried to approve the Agenda.

### 2. Chair's Remarks

M. Yousaf welcomed Council to the last meeting of the academic year.

### 3. Approval of November 12, 2024 Minutes

A motion was moved, seconded and carried to approve the Minutes.

### 4. Business Arising

There was none.

### 5. Inquiries and Communications

> Senate Synopsis, November 28, 2024

### 6. Dean's Remarks

Dean Wang delivered brief remarks, expressing gratitude to the Faculty of Science community for their accomplishments this academic year. He highlighted the success of the Christmas Holiday Potluck and Service Recognition event, which took place on Monday, December 9, and was attended by over 100 colleagues. Dean Wang extended his thanks to Melissa Hughes, Monique Golding, Jerusha Lederman, and Robin Metcalfe for their hard work in organizing such a successful gathering.

He concluded by wishing the council a pleasant and restful holiday break.

### 7. Associate Dean and Head of Bethune College Remarks

#### a) Associate Dean, Faculty Affairs

##### G. Audette:

He reminded the faculty that the deadline for submitting CVs for the 2023–24 academic year was November 20, 2024, and noted that the deadline for overdue sabbatical reports was November 1, 2024.

#### b) Associate Dean, Research & Partnerships

##### V. Saridakis:

She wished Faculty a joyous holiday season.

#### c) Associate Dean, Students

##### M. Scheid:

He wished the Faculty a successful exam week and informed the Council that Attending Physician Statement might be reinstated. He noted that a formal communication will be sent to the Faculty once a decision has been finalized.

**d) Head of Bethune**

**P. Wilson:**

She expressed her gratitude to Chris Jang, Director of Academic Programs, as well as the Program Coordinators and Peer Leaders, for their ongoing support and contributions to ensuring a successful fall term.

**8. Reports from Science Representatives on Senate Committees**

There was none.

**9. Science Student Caucus Items**

There was none.

**10. Reports from Standing Committees of Council**

**a) Executive Committee:**

**> Vacancies report on the Standing Committees of FSc Council**

M. Yousaf noted the vacancies that remain.

**11. Other Business**

**a) Dean Search Committee Update – Muhammad N. Yousaf, Chair of Faculty of Science Council**

M. Yousaf provided an update, reporting that the Executive Committee had convened to discuss nominations. The committee is now awaiting confirmation from the President's Office regarding the official composition of the committee.

**b) Budget Consultation, Fall-Winter 2024-25: Rhonda Lenton, President and Vice-Chancellor, David Peters - Interim Provost & Carol McAulay, Vice-President Finance & Administration.**

A presentation was delivered, and faculty members were invited to share their questions and provide feedback. Budget presentation will be circulated to Council tomorrow.

# FACULTY COUNCIL ATTENDANCE DECEMBER 10 2024



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Ada	Chan	Jessie	Yang	Ozzy	Mermut
Aleksandra	Wiscicka	Jill	Lazenby	Pat	Hall
Brad	Sheeller	Joe	Tran	Patricia	Lakin-Thomas
Bruce	Howard	Joy	Aina	Patrick	Ingram
Buks	van Rensburg	Kalpita	Wagh	Paula	Wilson
Carl	Wolfe	Karen	Hall	Rhonda	Lenton
Christopher	Caputo	Khansa	Cheema	Robin	Lopez
Coral	Hillel	Kiana	Baniasad	Robin	Marushia
dasantila	golemi-kotra	Lana	Hebert	Rui	Wang
David	Peters	Lesley	Milley	Sarah	Burley Hollows
Delwar	Hossain	Luz	Puentes	Sibonile	Siyakatshana
Eeram	Shaikh	Maggie	Xu	Sihat	Salam
Elaina	Hyde	Mandy	Ramnaraine	Sophia	Luzskov
Eva	Hughes	Margaret	Mroziewicz	Stan	Jerzak
Gaelle	Luabeya	Mario	Verrilli	Stephen	Watson
Gino	Lavoie	Mark	Vicari	Sylvie	Morin
Gloria	Orchard	Mark	Bayfield	Taline	Apelian-Sutor
Gordon	Fitch	Martin	Romero	Tamara	Kelly
Hovig	Kouyoumdjian	Matt	Tsang	Taylor	Cosby
Hugo	Chen	Melissa	Hughes	Tiffany	Guan
Irina	Ovis	mike	scheid	Tina	Barhagh
Jade	Atallah	Momo	Das	Tom	Salisbury
James	Elwick	muhammad	yousaf	Violeta	Gotcheva
Jean-Paul	Paluzzi	Narin	Kishinchandani	Vivian	Saridakis
Jennifer	van Wijngaarden	Natalie	Moussa	Wendy	Taylor
Jennifer	Chen	Neal	Madras	Zehrah	Mirza
Jerusha	Lederman	Nicole	Nivillac		

# Memorandum

To: Vice-Presidents  
Deans and College Heads  
Directors of Research Centres and Institutes  
Faculty Council Chairs

From: Prof. Mehraneh Ebrahimi, Chair, Senate Committee on Awards

Date: January 9, 2025

Subject: Call for nominations: Honorific Professorships

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I am writing on behalf of the Senate Committee on Awards to encourage you to submit nominations for Honorific Professorships and to promote the submission of nominations among your colleagues.

The **University Professorship** is a life-time award conferred on a well-rounded professor who is recognized by their peers for: scholarship, teaching, and service to York community.

The University Professor will be a long-serving tenured faculty member who has demonstrated a commitment to participation in university life as well as appropriate levels of scholarship and teaching success. Such achievement fulfills the following requirements:

- long-term contribution to the development or growth of the University or of its parts
- participation in the collegium through mentorship, service and/or governance
- sustained impact over time on the University's teaching mission
- recognition as a scholar

Nominations may be made by all tenured faculty members, who shall provide a complete nomination file, including the nominee's c.v., a detailed letter of nomination explaining how the candidate's achievements conform to the general criteria, along with three (3) letters of support from those in a position to comment on the nominee's achievements and contributions.

Nominations may be made by all tenured faculty members, who shall provide a complete nomination file, including the nominee's c.v., a detailed letter of nomination explaining how the candidate's achievements conform to the general criteria, along with three (3) letters of support from those in a position to comment on the nominee's achievements and contributions. Two of these letters will be from individuals external to the University who must be at arm's length from the nominee. The individuals providing external letters of



support are asked to include in their letters a statement as to their relationship, if any, with the nominee.

#### **Nomination Information**

The [Senate Policy on Honorific Professorships](#) and the nomination forms are available on the [Senate Committee on Awards Committee webpage](#). While the principal criteria are set out in the Senate Policy, York strongly values diversity and equity within its community and encourages nominations of those who are under-represented in recent competitions.

Nominations for Honorific Professorships should be submitted by **Friday, March 7, 2025 at 4:30 p.m.** Nominations may be submitted via the [Distinguished Research Professor Mach Form](#) or the [University Professor Mach Form](#) available on the Awards webpage or using the [PDF Form](#) to James Pratt at [jpratt@yorku.ca](mailto:jpratt@yorku.ca).

Please note that, as set out in the Policy, the Committee shall, in confidence, provide a complete copy of the file to the Dean of the nominee's home Faculty and invite the Dean to add a confidential letter of commentary on the nomination.

With Best Wishes,

**Mehraneh Ebrahimi, Ph.D.**

Chair, Senate Committee on Awards

Associate Professor

Department of English

York University

# Faculty of Science Budget Reduction Planning

Faculty Council  
January 14, 2025

YORK 



## Financial Planning Landscape

- Recent government policy changes—such as the extended tuition freeze, the reopening of Bill 124, and the newly imposed international cap—have created a highly challenging financial landscape for Ontario's post-secondary sector
- In the 2025-26 fiscal year, York University's financial planning will focus on financial sustainability while investing in long-term growth opportunities
- The university will need to actively seek operational efficiencies and reduce in year expenditures while maintaining its commitment to core activities such as student recruitment, retention, marketing and advancement, and the student experience
- Navigating these challenges and opportunities in the context of broader economic pressures will require careful attention to assessment, and forward-looking financial planning and decision-making which prioritizes the student needs and experience.



## Faculties Direct Expense Reduction

- Considering the enrolment contracts and forecasted revenues for 2025-26, the University is requiring base budget reductions and direct expense reductions (or additional revenue generation) in all areas with a goal to achieving a balanced budget within the 2025-2028 rolling budget (budget cycle)
- Faculties will need to reduce direct expenses by **4%** from the 2025-26 approved budget, for a total of **\$27.4M** in cost reductions required across all faculties

# FSc 2025-26 Direct Expense Reduction

2025-2026 approved rolling budget expenses (in 2024-2025):

<b>Expenses</b>	
Faculty salaries & benefits (Full-time & Part-time)	45,894,400
CPM, YUSA & Other Support Staff	11,849,659
Total Salary Related Expenses	57,744,059
Operating Expenses	9,812,714
<b>Total Expenses</b>	<b>67,556,773</b>
<b>4% expense reduction</b>	<b>(2,702,271)</b>
Total Expenses after 4% reduction	64,854,502

# Potential Cost Reductions (ideas)

- small program and course cancellations/deferrals
- results of 2024-25 Voluntary Exit program (VEP) and the elimination of vacated positions
- eliminate/close other vacant positions permanently
- identify potential duplication of services with other Faculties and departments and work together to determine potential alternative models to achieve savings
- faculty retirements/resignations
- decrease operating expenses such as reducing or eliminating memberships or subscriptions; travel expenses; catering or food related expenses; attendance at conferences or advertising and printing costs
- decrease renovation and academic equipment funds available
- decrease undergraduate entrance scholarships and summer research awards
- reduce the cost for outreach activities

## 2024-25 Forecast & 2025-26 Budget/Rolling Budget Timelines

University Timelines		FSc Internal Timelines		Community Check-in
Action	Date	Action	FSc Date	Meeting/Dates
Budget envelopes distributed to Faculties	Nov 30, 2024			
Early indicators provided to Faculties	Dec 20, 2024			
2024-25 in-year forecast due from Faculties	Jan 17, 2025			
Faculties multi-year budget due, especially 25-26	Feb 28, 2025	<p>Meetings with Leadership group to review budget and discuss cost reductions</p> <p>FSc 2024/25 forecast &amp; 2025/26 rolling budget meeting with the Provost</p>	<p>January</p> <p><b>Feb 20, 2025</b></p>	<p>FSc Leadership Meetings:</p> <ul style="list-style-type: none"> <li>- Dec 17, 2024</li> <li>- Jan 21, 2025</li> <li>- Feb 18, 2025</li> </ul> <p>Faculty Council:</p> <ul style="list-style-type: none"> <li>- Jan 14, 2025</li> <li>- Feb 11, 2025</li> </ul>
Board of Governors approve future tuition fees	Feb 28, 2025			
Board of Governors approve multi-year budget	April 30, 2025			

## Appendix – Previous year budget reductions (2024-2025):

Round 1 (April 2023):	\$550,438
Round 2 (May 2023):	\$2,536,170
Round 3 (December 2023):	\$2,567,823
Round 4 (June 2024):	\$45,630
Total:	\$5,700,061

## Appendix – Previous Reduction Measures

- Low-enrolment course cancellations/deferrals
- Cancellation of one AD and one related secretary positions
- Reduction of operating cost of Dean's office
- Cancellation of Faculty-wide social events
- Staff vacancies/contracts not refilled
- Faculty Retirements/LOAWOP/Resignations
- Pause of Pedagogical Innovation Chair in Science Education
- Graduate student support revisions

## 2024-2025 FSc Report on vacancies for Senate and FSc Standing Committees

Committee	Rules of Faculty Council - membership	Meeting time / Membership	Term		
			From	To	
Senate	According to the York University Secretariat based on the Senate Rules and Procedures governing the size and composition of Senate, the Faculty of Science shall have twelve members, including a minimum of two Chairs. According to The Rules of Council (Science), Faculty representation shall include the Director of Natural Science, three Department Chairs, and terms shall be for three years.	As per Senate website			
	Dean, Ex officio	R. Wang	Designated		
	Member at large	G. Audette	Designated		
	Member at large	E. Hamm	2024	2027	
	Member at large	EJ Janse van Rensburg, Mathematics & Statistics	2022	2025	
	Member at large	T. Kelly	2024	2027	
	Member at large	J. Elwick, Science, Technology & Society	2022	2025	
	Member at large	T. Kubiseski, Biology	2023	2026	
	Member at large	V. Saridakis	2024	2027	
	Department Chair	T. Kirchner, Department of Science, Physics & Astronomy	2024	2027	
	Department Chair	J. van Wijngaarden, Department of Chemistry	2024	2027	
	Department Chair	M. Haslam, Department of Mathematics & Statistics	2023	2026	
	Director of NATS	R. Metcalfe, Division of Natural Science	Designated		
	Student representative	Yuna (Aria) Hwang	2023	2025	
	Student representative	Shon Lazarev	2023	2025	
	Faculty Council Staff Representatives	Chair of Council	M. Yousaf	2024	2025
		Vice-Chair of Council	A. McEachern	2024	2025
		W. Booth	2024	2025	
		D. Hossain	2024	2025	
		M. Xu	2024	2025	
<b>FSc Reps on Senate Committees</b>					
Senate Executive	1 member from FSc	T. Kelly	2024	2027	
Academic Policy, Planning and Research Committee (APPRC)	1 member from FSc	G. Monette	2023	2026	
ASCP (Academic Standards, Curriculum and Pedagogy Committee)	1 member from FSc	J. Elwick	2024	2027	
Senate Tenure & Promotion	1 member from FSc	P. Wilson	2024	2027	
Sub-Committee on Honorary Degrees & Ceremonials	1 member from FSc	VACANT	2024	2027	
Executive Committee	The Executive Committee shall be chaired by the Chair of Council and include the Vice-Chair of Council, the Secretary of Council, and one member elected from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy, and Science, Technology & Society/Natural Science, the Dean of the Faculty of Science (ex officio), one student member of Council, and one of the staff members elected to Council.	Executive Committee normally meets the first Tuesday of each month (September to May) from 3pm - 4:30pm			
	Chair of Council	M. Yousaf	2024	2025	
	Vice-Chair of Council	A. McEachern	2024	2025	
	Dean, Ex officio	R. Wang	Designated		
	Asst. Dean - SEM & SEP	E. Hughes	Designated		
	Staff representative	W. Booth	2024	2025	
	Undergraduate Student Rep	Taline Apelian-Sutor	2024	2025	
	Biology	M. Vicari	2023	2026	
	Chemistry	C. Caputo	2024	2027	
	Math & Stats	E. J Janse Van Rensburg	2022	2025	
	Physics & Astronomy	E. Hyde	2024	2025	
	Science, Technology & Society	VACANT	2024	2025	
	APPC	The Academic Policy and Planning Committee shall include the Dean or designate (ex officio), the Master of Norman Bethune College and one member elected from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy, and Science, Technology & Society/Natural Science, one student member of Council, and one of the staff members elected to Council.	APPC will normally meet the last Thursday of each month (September to April) from 9:00 am - 10:30 am		
		Associate Dean, Faculty Affairs, Ex officio	G. Audette	Designated	
Head of Bethune College		P. Wilson	Designated		
Undergraduate Student Representative		Seyedeh Lilia Modarresi Saryazdi	2024	2025	
Elected staff representative		M. Xu	2024	2025	
Biology		R. Schott	2023	2026	
Chemistry		R. Fournier	2023	2026	
Math & Stats		P. Szeptycki	2023	2026	
Physics & Astronomy		W. van Wijngaarden	2024	2025	
Science, Technology & Society		S. Domenikos	2022	2025	
Undergraduate Curriculum Committee	The Curriculum Committee shall include the Dean and an Associate Dean (ex officio), the Chair or nominee from each teaching Division or Department, three members elected by Council and two student members of Council.	The Curriculum Committee will normally meet every last Tuesday of each month (September to April) from 9:00 - 10:30 am			
	Member at Large	VACANT	2023	2026	
	Member at Large	Paula Wilson	2023	2026	
	Dean, Ex officio	R. Wang	Designated		
	Undergraduate Student Rep	Elia Xhindole	2024	2025	
	Undergraduate Student Rep	Tina Barhagh	2024	2025	
	Biology	J. Atallah	2022	2025	
	Chemistry	D. Jackson	2022	2025	
	Math & Stats	M.W. Wong	2023	2026	
	Physics & Astronomy	O. Mermut	2024	2025	
	Science, Technology & Society	R. Metcalfe	2022	2025	
	Member at Large	L. Robertson	2023	2026	

**2024-2025 FSc Report on vacancies for Senate and FSc Standing Committees**

Committee	Rules of Faculty Council - membership	Meeting time / Membership	Term	
			From	To
CEAS	The <u>Committee on Examinations and Academic Standards</u> shall consist of an Associate Dean ( <i>ex officio</i> ), five members elected by Council from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy and Science, Technology & Society/Natural Science, and one student member of Council.	CEAS will normally meet every alternate Wed / Thurs from 1:00 - 3:00 pm year round.		
	In addition to the above membership of the committee, Council shall elect an alternate member from each of the Departments specified above. The alternate member shall be the person polling the next highest number of votes to those elected to the committee from each Department. The alternate for the student member will be selected by the Science Student Caucus from one of its Members at Large. An alternate can only vote in the event that first elected members are not in attendance.			
	Associate Dean - Students, Ex officio	M. Scheid	Designated	
	Undergraduate Student Rep	Eeram Shaikh	2024	2025
	Undergraduate Student Rep	Ayesha Tahir	2024	2025
	Biology	A. Hilliker / <b>ALT. VACANT</b>	2023/2024	2026/2027
	Chemistry	P. Johnson & D. Jackson / ALT. T. Mirkovic	2023/2023	2026/2026
	Math & Stats	<b>VACANT, N.Purzitsky / ALT. Y. Gao</b>	2021/2022	2025/2025
	Physics & Astronomy	C. Storry & E. Hyde / <b>ALT. VACANT</b>	2023/2023	2025/2025
	Science, Technology & Society	J. Webb / ALT. S. Domenikos	2023/2023	2026/2026
Petitions	The <u>Petitions Committee</u> for the purpose of hearing student petitions shall consist of an Associate Dean ( <i>ex officio</i> ), six members of Council, and two student members of Council. The Committee may divide the workload by splitting the Committee membership into two panels of four people each. A quorum shall consist of either (a) two faculty voting faculty members and one student member or (b) three voting faculty members.	Each panel meets once a month on Wednesday or Thursday from 2:30 pm - 4:00 pm		
	Associate Dean, Ex officio	M. Scheid	Designated	
	Undergraduate Student Rep	Joy Aina	2024	2025
	Undergraduate Student Rep	Gurleen Kaur	2024	2025
	Member at Large	<b>VACANT</b>	2023	2026
	Biology	C. Jang	2022	2025
	Chemistry	R. Fournier	2022	2025
	Physics & Astronomy	S. Jerzak	2023	2025
	Math & Stats	D. Liang	2022	2025
	Science, Technology & Society	J. Rogerson	2022	2025
Member at Large	A. Mills	2023	2026	
SRC T & P Committee	The <u>Committee on Tenure and Promotions</u> shall consist of one currently tenured member from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy and Science, Technology & Society/Natural Science elected by Council, and one student member of Council. No member of the Committee shall be a member of another Tenure and Promotions Committee at any time during their tenure on this committee.	SRC T & P Committee will normally meet the last Friday of each month (September to May) from 9:00 am - 11:00 am in LUM 305B		
	In addition to the above membership of the committee, Council shall elect an alternate member from each of the Units mandated above. The alternate member shall be the person polling the next highest number of votes to those elected to the committee from each Department. The alternate for the student member shall be selected by the Science Student Caucus from one of its Members-at-Large on an annual basis. An alternate can only vote in the event that existing members are not in attendance.			
	Associate Dean - Faculty, Ex officio	G. Audette	Designated	
	Undergraduate Student	Natalie Moussa	2023	2024
	Biology	M. Bayfield/ <b>ALT. VACANT</b>	2023/2023	2026/2026
	Chemistry	A. Orellana/ ALT. S. Krylov	2023/2024	2026/2027
	Physics & Astronomy	C. Bergevin / ALT. M. George	2024/2024	2025/2025
	Math & Stats	Y. Gao / ALT. Jianhong Wu	2024/2022	2027/2025
	Science, Technology & Society	E. Hamm / ALT. D. Lungu	2023	2026
CoTL	Currently, the <u>Committee on Teaching and Learning</u> shall consist of a minimum of two Faculty members from each department, the Associate Dean - Students, one Librarian, one staff member, one undergraduate student, and two graduate students, in addition to other members invited as provided for by the Rules. Graduate students and staff nominees will indicate their interest in serving on the committee in writing to the committee, who will then approve by majority vote.	CoTL normally meets every third Thursday of each month (September to May) from 10:00 am - 11:30 am		
	Associate Dean - Students, Ex officio	M. Scheid	Designated	
	Graduate Student Representative	Taylor Cosby	2024	2025
	Graduate Student Representative	Sihat Salam	2024	2025
	Undergraduate Student Representative	Madeline Blanco	2024	2025
	Stacie Science Library, Designated	Minglu Wang	Designated	
	IT Representative	V. Gotcheva	Designated	
	Teaching Commons Rep	Y. Su	Designated	
	Staff representative, Elected	D. Hossain	2024	2025
	Biology	L. Adriana Puentes Jacome	2023	2026
Biology	J. Atallah	2023	2026	
Chemistry	T. Mirkovic	2023	2026	
Chemistry	D. Wilson	2024	2025	
Physics & Astronomy	N. Blinov	2023	2025	
Physics & Astronomy	C. Boukaré	2023	2025	
Math & Stats	J. Cao	2022	2025	
Math & Stats	<b>VACANT</b>	2023	2026	
Science, Technology & Society	C. Rozins	2024	2027	
Committee on Research & Awards	The <u>Committee on Research and Awards</u> shall consist of one member elected by Council from each of Biology, Chemistry, Mathematics and Statistics, Science, Technology & Society/Natural Science, and Physics and Astronomy, one student member of Council and an Associate Dean ( <i>ex officio</i> ).	The Research & Awards Committee will meet when grants and awards need to be adjudicated.		
	Associate Dean - Research & Partnerships, ex officio	V. Saridakis	Designated	
	Undergraduate Student Representative	Momo Das	2024	2025
	Graduate Student	Aysa Tajeri	2024	2025
	Biology	D. Golemi-Kotra	2023	2026
	Chemistry	S. Morin	2022	2025
	Physics & Astronomy	R. Kannan	2023	2025
	Math & Stats	H. Zhu	2023	2026
	Science, Technology & Society	H. Mialet	2023	2026
Appeals Committee	The <u>Appeal Committee</u> for the purpose of hearing student appeals shall consist of four elected faculty members from Science units, an Associate Dean ( <i>ex officio</i> ) and two student members of Council. A quorum shall consist of either (a) two faculty members and one student member or (b) three faculty members.	Meeting is held once a month and times are polled by the Committee Secretary.		
	Associate Dean - Faculty, ex officio	G. Audette	Designated	
	Undergraduate Student Representative	Dawood Baig	2024	2025
	Undergraduate Student Representative	Kiana Baniasad	2024	2025
	Member at Large	<b>VACANT</b>	2023	2026
	Biology	L. Donaldson	2023	2026
	Chemistry	L. Hébert	2023	2026
	Physics & Astronomy	S. Tulin	2023	2025
	Math & Stats	M.W. Wong	2023	2026
	Science, Technology & Society	D. Monaldi	2023	2026



## 2024-2025 FSc Report on vacancies for Senate and FSc Standing Committees

Committee	Rules of Faculty Council - membership	Meeting time / Membership	Term				
			From	To			
<b>Graduate Curriculum Committee</b>	<p>To provide broad review and commendation to Council via the Academic Policy and Planning Committee of all proposals received from Graduate Programs with respect to: New Course Proposals, Course Change Proposals, Minor Changes to Program/Graduate Diploma Academic Requirements, Major Modifications to Program/Graduate Diploma Academic Requirements, New Graduate Fields, New Graduate Diplomas, New Graduate Degree Programs</p> <p>The Graduate Education Committee shall consist of:</p> <ul style="list-style-type: none"> <li>- Associate Dean – Research &amp; Graduate Education (ex officio)</li> <li>- Graduate Program Director (or designate who must be a member of the graduate program) of each Graduate Program in the Faculty of Science</li> <li>-one graduate student member from any Graduate Program within the Faculty of Science</li> <li>-one full-time faculty member from the Faculty of Health or Lassonde School of Engineering who is appointed to teach in any FSc graduate program</li> <li>- A member at large with knowledge of graduate programming, and experience with curriculum approvals at the Faculty-level.</li> </ul> <p>The Chair of the Committee is selected by the voting members of the Committee for a one-year term.</p>	<p>Meeting is held based on availability.</p>					
			Associate Dean – Associate Dean Students (ex officio)	M. Scheid	Designated		
			Biology	J. Paluzzi	2023	2026	
			Chemistry	R. Hilli	2023	2026	
			Physics & Astronomy	A. Muzzin	2023	2026	
			Math & Stats	P. Ingram	2023	2026	
			Science, Technology & Society	VACANT	2023	2026	
			Member from Faculty of Health OR Lassonde	VACANT	2023	2026	
			Member at Large	D. Golemi-Kotra	2023	2026	
			Graduate student	Joe Tran	2024	2025	
			<b>Committee on Equity, Diversity &amp; Inclusion</b>	<p>The purpose of the Committee on Equity, Diversity &amp; Inclusivity is to provide broad review and leadership to Council on matters of Equity, Diversity and Inclusivity issues with respect to:</p> <ul style="list-style-type: none"> <li>• Tenure and Promotions</li> <li>• Hiring and Retention of members form EDI groups</li> <li>• Approaches to addressing gender bias in the workplace</li> <li>• Research engaging equity recognized groups</li> <li>• Workload and service contributions of EDI members</li> <li>• EDI experiences in Teaching and Learning</li> </ul> <p>The Equity, Diversity and Inclusivity committee shall consist of:</p> <ul style="list-style-type: none"> <li>• Associate Dean, Faculty Affairs (ex officio)</li> <li>• Associate Dean, Research and Partnerships (ex officio)</li> <li>• One primary and one alternate member from each of Biology, Chemistry, Mathematics &amp; Statistics, Physics &amp; Astronomy and Science, Technology &amp; Society.</li> <li>• Two graduate students or postdoctoral fellow/visitors (one primary and one alternate) from any graduate program within the Faculty of Science</li> <li>• One undergraduate student</li> </ul>	<p>Meeting is held the last Wednesday of every month.</p>		
						Associate Dean - Faculty, ex officio	G. Audette
Associate Dean, Research & Partnerships (ex officio)	V. Saridakis	Designated					
Undergraduate Student Representative	Sophia Luzskov	2024				2025	
Graduate Student	Coral Hillel	2024				2025	
Graduate Student	Gaëlle Nsamba Luabeya	2024				2025	
Biology	B. Schwarz	2024				2027	
Chemistry	C. Young	2023				2026	
Physics & Astronomy	P. Scholz	2023				2026	
Math & Stats	A. Woldegerima ALT A. Lumley	2022				2025	
Science, Technology & Society	VACANT	2024				2027	

# CURRICULUM COMMITTEE REPORT



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**DECEMBER 2024**

The Faculty of Science Curriculum Committee has reviewed proposals for changes to course information and degree requirements and recommends to the Executive Committee that the following changes be submitted to Council for approval.

Details regarding these proposals (and other minor changes to Calendar/Repository course descriptions and prerequisites which were approved by the Committee but are not reported here) are included in the working papers of December 10, 2024 meeting of the Curriculum Committee, which are on file for your inspection in the Office of the Dean, with all members of the Curriculum Committee or by contacting the Secretary of the Committee at [scicurri@yorku.ca](mailto:scicurri@yorku.ca)

## 1.1 MATHEMATICS AND STATISTICS:

- 1.1.1 Change in Calendar description: SC/MATH 1516 3.0, General mathematics for Software Development.

# Changes to Existing Course

Faculty:

Department:

Mathematics and  
Statistics

Date of Submission:

Winter 2024

Course Number:

MATH 1516

Effective Session:

Fall 2025

Course Title:

General Mathematics for Software Development

Type of Change:

in pre-requisite(s)/co-requisite(s)

in cross-listing

in course number/level

in degree credit exclusion(s)

in credit value

regularize course (from Special Topics)

in title (max. 40 characters for short title)

in course format/mode of delivery \*

in Calendar description (max. 40 words or 200

retire/expire course

other (please specify):

Change From:

To:

This course introduces general mathematics for software development. It builds a foundation for quantitative and communication fluency for software developers. Students learn introductory and fundamental topics from broad areas of mathematics. The broad areas include Algebra, Set Theory, Calculus, Statistics, and Probability. As necessity arises, students are expected to learn more advanced and/or specialized subjects through just-in-time learning. While the concepts and skills that students are required to master are on the introductory level, the course presents and encourages applications to software development and possible interdisciplinary projects.

Prerequisite: 12U Advanced Functions (MHF4U) or equivalent, or SC/MATH 1510 3.00.

Notes: This course may not be taken by any student who has taken or is currently taking another university course in mathematics or statistics except MATH 1510 3.00.

This course introduces general mathematics for software development. It builds a foundation for quantitative and communication fluency for software developers. Students learn introductory and fundamental topics from broad areas of mathematics. The broad areas include Algebra, Set Theory, Calculus, Statistics, and Probability. As necessity arises, students are expected to learn more advanced and/or specialized subjects through just-in-time learning. While the concepts and skills that students are required to master are on the introductory level, the course presents and encourages applications to software development and possible interdisciplinary projects.

Prerequisite: 12U Advanced Functions (MHF4U) or equivalent, or SC/MATH 1510 3.00.

~~Notes: This course may not be taken by any student who has taken or is currently taking another university course in mathematics or statistics except MATH 1510 3.00.~~

~~NCR: No credit received for students enrolled in a program in Mathematics & Statistics.~~

**Rationale:**

The current notes may conflict with the students in CSSD/DIGT for whom this course is mandatory. This course is designed especially for the students in CSSD/DIGT. While this course covers broad areas in mathematics and statistics, it cannot be equivalent to any courses in the department of Mathematics and Statistics.

Note: For course proposals involving cross-listings, integrations and degree credit exclusions, approval from all of the relevant Faculties/department is required.

Note: Since one change (such as a change in year level or credit value) may result in several other changes (e.g., to the course description, evaluation, instruction, bibliography, etc.), please submit as many details as possible. If there are several changes, please feel free to use a New Course Proposal Form in order to ensure that all the required information is included.

\* Note: If there is a technology component to the course, a statement is required from ATS indicating whether resources are adequate to support the course. Courses converted from face-to-face to an on-line delivery mode should follow the instructions provided on page 4 of the New Course Proposal Form to provide revised 'Course Design' and 'Method of Instruction' information.