

DATE: April 16, 2026

TO: Senate

FROM: Dr. David J. Hornsby, Vice-Provost (Academic and Global Learning), and Chair, Senate Quality Assurance and Planning Committee

RE: Calendar Curriculum Proposals
Major Modifications

Background

Following Faculty Board approval, as part of academic quality assurance, major curriculum modifications are considered by the Senate Quality Assurance and Planning Committee (SQAPC) before being recommended to Senate. Major curriculum modifications are also considered by the Senate Committee on Curriculum, Admissions and Studies Policy (SCCASP).

Library Reports (as required)

In electronic communication members of the Library staff, upon review of the proposals, confirmed no additional resources were required for the major modifications included below.

Documentation

Recommended calendar language, along with supplemental documentation as appropriate, are provided for consideration and approval.

Major Modifications

1. Undergraduate programs in Integrated Science

SCCASP approval: April 7, 2026

SQAPC approval: April 9, 2026

Senate Motion April 24, 2026

THAT Senate approve the closure of the BSc and BScH in Integrated Science as presented with effect from Fall 2027.

Omnibus Motion

In order to expedite business with the multiple changes that are subject to Senate approval at this meeting, an omnibus motion will be moved and include all items below. Senators may wish to identify any of the major modifications that they feel warrant individual discussion that will then not be covered by the omnibus motion. Independent motions as set out below will nonetheless be written into the Senate minutes for those major modifications that Senators agree can be covered by the omnibus motion.

THAT Senate approve the major modifications as presented below.

2. Minor in Latin American and Caribbean Studies

SCCASP approval: April 7, 2026

SQAPC approval: April 9, 2026

Senate Motion April 24, 2026

THAT Senate approve deletion of the minor in Latin American and Caribbean Studies as presented with effect from Fall 2027.

3. PHD Linguistics

SCCASP approval: April 7, 2026

SQAPC approval: April 9, 2026

Senate Motion April 24, 2026

THAT Senate approve the major modification to the PHD program in Linguistics as presented with effect from Fall 2026.

4. MEng Engineering Practice

SCCASP approval: April 7, 2026

SQAPC approval: March 12, 2026

Senate Motion March 27, 2026

THAT Senate approve the major modification to the MENG Engineering practice program as presented with effect from Fall 2026.

Program Closure Request

MEMORANDUM

To: Senate Quality Assurance and Planning Committee (SQAPC)

From: Steven Cooke, Director, Institute of Environmental and Interdisciplinary Science

CC: Marie DeRosa, Dean of Science

CC: David Amundsen, Associate Dean of Science

Date: October 5, 2025

Subject: Formal Termination of the Integrated Science (previously Interdisciplinary Science and Practice) undergraduate program

Description of change

For several decades there was an Integrated Science undergraduate program at Carleton. Approximately six years ago that program was sunset (largely because the majority of students were in the health science stream which became redundant with the new Health Sciences program/Department) and a new program called Interdisciplinary Science and Practice (ISAP) was built from scratch. Because of the history of Integrated Science (and the practical matter that there was overlap between graduating current students from the old program vs recruiting for a new program) it was deemed that there was a need for a fresh start with a new name, hence the move to ISAP. ISAP has now attempted to recruit and retain students for the last few years. A common issue that has been raised by potential students (and their parents) is “What is Interdisciplinary Science and Practice?”. We have learned much from this experience including the challenges of starting a program during a global pandemic and the development of a program that serves the needs of employers, yet, is difficult to articulate those opportunities to potential students in highschool.

Peer programs such as the Integrated Science program at McMaster continue to attract many bright students and despite our best efforts we failed to be a reasonable competitor. Subsequently, ISAP was renamed to Integrated Science in 23-24. No increase in admissions followed with the name change and the BSc Honours and BSc Integrated Science program was suspended effective 2024 given financial challenges at Carleton and our inability to recruit students. The stand alone undergraduate degree program will close effective 26-27. IEIS will continue with offering the Minor in Integrated Science (pending name change to Minor in Interdisciplinary Science Applications effective for academic year 26-27). We are focused on building the minor and delivering service courses for other units in Science and beyond on topics consistent with ISAP. ISAP courses will remain as science service course (we will delete/revise some of them to ensure reasonable class sizes – i.e., >25 students) as we position ourselves in this new space. We are excited about the ability to potentially develop a stand-alone professional masters program that targets working professionals or those graduating with their undergrad degrees in science. “Selling” the program to those potential recruits should be easier than trying to convince highschool students that in science employers want less science and more professional skills.

Impact on Other Programs and Students

Closure of current undergraduate degree in ISAP will have no impact on other programs or academic units. Current students will remain in the program based on their admit year through to graduation. Program advising from IEIS will continue for the current ISAP students.

ISAP courses will remain for the Minor in Science Communication and Policy and as service courses for the Faculty of Science.

Resources

- a. *Dean and Faculty Affiliation: No changes*
- b. *Faculty resources:*
 - a. *No changes. The courses we offered have been recast in ways to draw in current students across the Faculty of Science and beyond. Already we have seen a bump in course enrollment. Some courses have been moved to alternating years. Overall, our faculty members remain with a full teaching load and in fact are now teaching more students given larger classes related to our new modality.*
- c. *Administrative support:*
 - a. *No changes*
- d. *Space:*
 - a. *No changes*
- e. *Financial:*
 - a. *No changes*

Transition Plan

Current students will remain in the program based on their admit year through to graduation. ISAP courses will continue to be available as core courses offered for the Minor in Science Communication and Policy. Program advising from IEIS will continue for the current ISAP students.

Enrolment Numbers

Time (Academic Term)		2025 Fall	2024 Fall	2023 Fall	2022 Fall	2021 Fall	2020 Fall
Program (Program Hierarchy)	Program (Degree)						
BSC - Integrated Science	All			1.0			
	Bachelor of Science			1.0			
BSC - Interdis. Science & Practice	All	8.0	23.0	26.0	15.0	11.0	18.0
	Bachelor of Science	8.0	23.0	26.0	15.0	11.0	18.0
BSCH - Integrated Sci:Life&Health Sci	All				2.0	1.0	1.0
	Bachelor of Science (Honours)				2.0	1.0	1.0
BSCH - Integrated Science	All						1.0
	Bachelor of Science (Honours)						1.0
BSCH - Interdis. Science & Practice	All	12.0	15.0	15.0	13.0	10.0	8.0
	Bachelor of Science (Honours)	12.0	15.0	15.0	13.0	10.0	8.0

Office of Institutional Research & Planning
Table E.2.a: Undergraduate Applications And Registrations (2020-2026)
Department(s): Inst:Environ/Interdisc Science, Integrated Science

Degree(s): Bachelor of Science (Honours), Bachelor of Science (Major)

Major(s): Interdis. Science & Practice

New First Year Students

Year	Applicants	Approved	Confirmed	Registered	% Confirmed of Approved	% Registered of Confirmed	High School Average	
							Applicants	Registered
2026	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-
2024	154	132	18	16	13.6%	88.9%	80.37	81
2023	145	123	25	21	20.3%	84%	80.21	79.5
2022	127	118	15	12	12.7%	80%	81.8	81
2021	78	45	9	8	20%	88.9%	83.18	80.75
2020	104	99	18	14	18.2%	77.8%	80.33	78.57

New Upper Year Students

Year	Applicants	Approved	Confirmed	Registered	% Confirmed of Approved	% Registered of Confirmed	High School Average	
							Applicants	Registered
2026	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-
2023	2	2	1	1	50%	100%	81	-
2022	1	1	-	-	-	-	-	-
2021	2	2	1	-	50%	-	-	-
2020	3	3	-	-	-	-	77	-

Readmissions

Year	Applicants	Approved	Confirmed	Registered	% Confirmed of Approved	% Registered of Confirmed	High School Average	
							Applicants	Registered
2026	-	-	-	-	-	-	-	-
2025	-	-	-	3	-	-	-	-
2024	8	8	5	5	62.5%	100%	-	-
2023	2	2	-	4	-	-	-	-
2022	2	1	1	4	100%	400%	-	-
2021	2	2	1	4	50%	400%	-	-
2020	2	2	2	3	100%	150%	-	-

OIRP. Apr 02, 2026 09:39 AM

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 03/17/26 3:08 pm

Viewing: **GBS-64 : Integrated Science**

Last approved: 03/17/26 12:11 pm

Last edit: 03/26/26 10:46 am

Last modified by: angelwagner

[Changes proposed by: michellesantoianni](#)

In Workflow

1. **IEIS ChairDir UG**
2. **SCI Dean**
3. **SCI FCC**
4. **SCI FBoard**
5. **SQAPC**
6. PRE SCCASP
7. SCCASP
8. Senate
9. PRE CalEditor
10. CalEditor

Approval Path

1. 03/18/26 3:11 pm
Steven Cooke
(stevencooke): Approved
for IEIS ChairDir UG
2. 03/18/26 3:22 pm
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI Dean
3. 03/23/26 11:31 am
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI FCC
4. 03/30/26 12:51 pm
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI FBoard

History

1. Sep 3, 2024 by Michelle
Santoianni
(michellesantoianni)
2. Feb 6, 2025 by Michelle
Santoianni
(michellesantoianni)
3. Mar 17, 2026 by Angel
Wagner (angelwagner)

Calendar Pages Using this Program [Integrated Science](#)

Effective Date	2027-28
Workflow	majormod Suspend
Program Code	GBS-64
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science
Title	Integrated Science

Program Requirements

Integrated Science B.Sc. (15.0 credits)

A. Credits Included in the Major CGPA (8.0 credits)

- | | | |
|--|--|-----|
| 1. 4.0 credits in: | | 4.0 |
| ISAP 1001 [0.5] | Introduction to Interdisciplinary Science | |
| ISAP 1002 [0.5] | Seminar in Interdisciplinary Science | |
| ISAP 2001 [0.5] | Foundations in Critical Inquiry | |
| ISAP 2002 [0.5] | Research Principles for Interdisciplinary Science | |
| ISAP 3001 [0.5] | Applied Data Analysis | |
| ISAP 3002 [0.5] | Applications in Interdisciplinary Research | |
| ISAP 3003 [0.5] | Science Communication: Making Science for Everyone | |
| ISAP 3004 [0.5] | Science Policy | |
| 2. 0.5 credit in: | | 0.5 |
| STAT 2507 [0.5] | Introduction to Statistical Modeling I | |
| 3. 0.5 credit from: | | 0.5 |
| MATH 1007 [0.5] | Elementary Calculus I | |
| MATH 1107 [0.5] | Linear Algebra I | |
| 4. 2.0 credit from the Faculty of Science at the 2000 level or higher | | 2.0 |
| 5. 1.0 credit from the Faculty of Science at the 3000 level or higher | | 1.0 |
| B. Credits Not Included in the Major CGPA (7.0 credits) | | |
| 6. 1.0 credit in: | | 1.0 |
| ECON 1001 [0.5] | Introduction to Microeconomics | |
| ECON 1002 [0.5] | Introduction to Macroeconomics | |
| 7. 2.0 credits in Approved Experimental Science Courses as defined in the Regulations for the Bachelor of Science | | 2.0 |
| 8. 1.0 credit from the Faculty of Science at the 2000 level or higher | | 1.0 |

9. 1.0 credit in Approved courses outside the Faculties of Science and Engineering and Design, as defined in the Regulations for the Bachelor of Science. Note: students in the ISAP program may not use ISAP 1000 in this category.	1.0
10. 2.0 credits in free electives	2.0
11. Students are required to complete one Minor from the Faculty of Science. A second Minor from outside the Faculty of Science may be possible. Students should consult with their academic advisor to ensure compliance with this requirement.	
Total Credits	15.0

New Resources

Summary	Program deleted
Rationale for change	Program deleted
Transition/Implementation	IEIS Academic advisor will continue to support current Integrated Science students until graduation.

Program reviewer comments **angelwagner (03/26/26 10:46 am):** End term updated.

Key: 2243

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 03/17/26 3:08 pm

Viewing: **HBS-64 : Integrated Science B.Sc.
Honours**

Last approved: 03/17/26 12:11 pm

Last edit: 03/26/26 10:46 am

Last modified by: angelwagner

[Changes proposed by: michellesantoianni](#)

In Workflow

1. **IEIS ChairDir UG**
2. **SCI Dean**
3. **SCI FCC**
4. **SCI FBoard**
5. **SQAPC**
6. PRE SCCASP
7. SCCASP
8. Senate
9. PRE CalEditor
10. CalEditor

Approval Path

1. 03/18/26 3:11 pm
Steven Cooke
(stevencooke): Approved
for IEIS ChairDir UG
2. 03/18/26 3:22 pm
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI Dean
3. 03/23/26 11:31 am
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI FCC
4. 03/30/26 12:51 pm
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI FBoard

History

1. Sep 3, 2024 by Michelle
Santoianni
(michellesantoianni)
2. Feb 6, 2025 by Michelle
Santoianni
(michellesantoianni)
3. Mar 17, 2026 by Angel
Wagner (angelwagner)

Calendar Pages Using this Program [Integrated Science](#)

Effective Date	2027-28
Workflow	majormod Suspend
Program Code	HBS-64
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science Honours
Title	Integrated Science B.Sc. Honours

Program Requirements

Integrated Science B.Sc. Honours (20.0 credits)

A. Credits Included in the Major CGPA (10.0 credits)

- | | | |
|---|---|-----|
| 1. 4.0 credits in: | | 4.0 |
| ISAP 1001 [0.5] | Introduction to Interdisciplinary Science | |
| ISAP 1002 [0.5] | Seminar in Interdisciplinary Science | |
| ISAP 2001 [0.5] | Foundations in Critical Inquiry | |
| ISAP 2002 [0.5] | Research Principles for Interdisciplinary Science | |
| ISAP 3001 [0.5] | Applied Data Analysis | |
| ISAP 3002 [0.5] | Applications in Interdisciplinary Research | |
| ISAP 3003 [0.5] | Science Communication: Making Science for Everyone | |
| ISAP 3004 [0.5] | Science Policy | |
| 2. 1.0 credit from: | | 1.0 |
| ISAP 4906 [1.0] | Capstone Course - Group Research Project | |
| ISAP 4907 [1.0] | Capstone Course - Research Essay | |
| ISAP 4908 [1.0] | Capstone Course - Individual Research Project | |
| ISAP 4909 [1.0] | Translational Approach to Indigenous Community Wellness | |
| 3. 0.5 credit in: | | 0.5 |
| STAT 2507 [0.5] | Introduction to Statistical Modeling I | |
| 4. 0.5 credit from: | | 0.5 |
| MATH 1007 [0.5] | Elementary Calculus I | |
| MATH 1107 [0.5] | Linear Algebra I | |
| 5. 2.0 credit from the Faculty of Science at the 2000 level or higher | | 2.0 |
| 6. 2.0 credits from the Faculty of Science at the 3000 level or higher | | 2.0 |

B. Credits Not Included in the Major CGPA (10.0 credits)

7. 1.0 credit in:	1.0
<u>ECON 1001</u> [0.5] Introduction to Microeconomics	
<u>ECON 1002</u> [0.5] Introduction to Macroeconomics	
8. 2.0 credits in Approved Experimental Science Courses as defined in the Regulations for the Bachelor of Science	2.0
9. 2.0 credits from the Faculty of Science at the 2000 level or higher	2.0
10. 2.0 credit in Approved courses outside the Faculties of Science and Engineering and Design, as defined in the Regulations for the Bachelor of Science. Note: students in the ISAP program may not use <u>ISAP 1000</u> in this category.	2.0
11. 3.0 credits in free electives	3.0
12. Students are required to complete one minor from the Faculty of Science. A second minor (from any faculty, including Science) is encouraged. Students should consult with their academic advisor to ensure compliance with this requirement.	
Total Credits	20.0

New Resources

Summary	program deleted
Rationale for change	program deleted
Transition/Implementation	IEIS Academic advisor will continue to support current Integrated Science students until graduation.

Program reviewer comments **angelwagner (03/26/26 10:46 am):** End term updated.

MEMORANDUM

To: Senate Quality Assurance and Planning Committee (SQAPC)

From: Pascal Gin, Associate Dean, Academic, Faculty of Arts and Social Sciences

CC: Dr. Anne Bowker, Dean, Faculty of Arts and Social Sciences
Dr. Pablo Heidrich, Coordinator, Latin American and Caribbean Studies (LACS)

Date: March 3, 2026

From: Pascal Gin, Associate Dean (Academic), Faculty of Arts and Social Sciences

Subject: Closure of the Minor in Latin American and Caribbean Studies

Description of change

In consultation with the Coordinator for Latin American and Caribbean Studies (LACS), Dr. Pablo Heidrich, The Faculty of Arts and Social science (FASS) is proposing the deletion of the Minor in Latin American and Caribbean Studies as of Fall 2027, following a suspension of admissions in 2025-2026.

The Minor is not generating interest from students, with an average enrolment of 3 over the past four academic years.

Given the low enrolment and in the current financial context, FASS can no longer justify the annual 1 credit of contract instructor teaching committed to the program over the past three years. This level of support, in the form of CI hire or buyouts (in exchange of faculty teaching from our sister faculty), has been required to cover 1000 and 2000-level courses every year. Offering both levels has been necessary due to the scarcity of LACS-specific courses and substantive reliance on approved electives for this 4-credit program element.

Measures - Program Weighted Count						
Time (Academic Term)		2025 Fall	2024 Fall	2023 Fall	2022 Fall	2021 Fall
Program (Minor)	New - Returning					
Minor in Latin Amer.&Carr St.	All	1	3	4	4	1

Teaching						
Time (Academic Term)		2025/26	2024/30	2023/24	2022/23	2021/22
Program (Minor)	Teaching					
Minor in Latin Amer.&Carr St.	Faculty		0.5 cr.	0.5 cr.	1 cr.	0.5 cr.
	CI buyouts	1 cr.	1 cr.	0.5 cr.		0.5 cr.
	CI			0.5 cr.	0.5 cr.	
	CI total	1 cr.	1 cr.	1 cr.	0.5 cr.	0.5 cr.

Measures - Course Enrolment					
Time (Academic Year)	2025/26	2024/25	2023/24	2022/23	2021/22
Courses					
LACS1001A - Intr Latin Americ&Carribbean I	32	44	39	46	38
LACS1002A - Intr Latin Americ&Carribbea II				23	13
LACS2001A - LACS in Global Context	35	22	24		
LACS4001A - Issues Latin Amer & Carbbn Std (F)	23	21	25	22	
LACS4001A - Issues Latin Amer & Carbbn Std (W)		18			
LACS4819A - Latin America and the World					16

Impact on Other Programs and Students

FASS remains committed to offering some undergraduate LACS courses on an ongoing basis to ensure that students continue to benefit from valuable training and expertise in this field of studies. Doing so outside of the commitment to a Minor program element, will make it possible to scale resources to needs by alternating year-to-year course offering across levels. No deletion to the existing slate of LACS courses (LACS 1001, 2001, 4000, 4819) is being proposed.

The closure of the Minor will not impact other programs. Maintaining sustainable course offerings at the undergraduate level will, on the other hand, sustain potential interest at the graduate level for the Collaborative Specialization in Latin American and Caribbean Studies.

Resources

Further to the approved change of governance that saw the Master’s Collaborative Specialization in Latin American and Caribbean Studies migrate to the Faculty of Public and Global Affairs, the LACS minor is currently being administered out of FASS. The closure will not impact administrative support nor faculty oversight.

Transition Plan

Advising will be provided to any student currently enrolled to ensure completion of the Minor. This can be achieved with at least one 4000-level LACS course offered every year, and one 1000-2000 level course offered year-to-year on an alternating basis.

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 03/13/26 3:19 pm

Viewing: **LCS : Minor in Latin American and Caribbean Studies**

Last approved: 03/13/26 11:16 am

Last edit: 03/13/26 4:58 pm

Last modified by: angelwagner

[Changes proposed by: pascalgin](#)

In Workflow

1. LACS ChairDir UG
2. AS Dean
3. AS FCC
4. AS FBoard
5. SQAPC
6. PRE SCCASP
7. SCCASP
8. Senate
9. PRE CalEditor
10. CalEditor

Approval Path

1. 03/17/26 10:05 pm
Pablo Heidrich
(pabloheidrich):
Approved for LACS
ChairDir UG
2. 03/18/26 12:06 pm
Pascal Gin (pascalgin):
Approved for AS Dean
3. 03/20/26 3:32 pm
Pascal Gin (pascalgin):
Approved for AS FCC
4. 03/20/26 3:37 pm
Pascal Gin (pascalgin):
Approved for AS FBoard

History

1. Feb 27, 2014 by sandra
2. Feb 27, 2014 by sandra
3. Jul 18, 2014 by sandra
4. Jan 7, 2016 by Adam
Barrows (adambarrows)
5. May 16, 2016 by Sandra
Bauer (sandrabauer)
6. May 16, 2016 by Sandra
Bauer (sandrabauer)
7. May 16, 2016 by Sandra
Bauer (sandrabauer)

- 8. Jan 23, 2018 by mikelabreque
- 9. Jun 6, 2018 by mikelabreque
- 10. Mar 22, 2019 by annanderson
- 11. Feb 21, 2020 by annanderson
- 12. Apr 26, 2021 by annanderson
- 13. Apr 6, 2022 by Natalie Phelan (nataliephelan)
- 14. Aug 2, 2022 by Natalie Phelan (nataliephelan)
- 15. Apr 27, 2023 by Xiaohan Xu (xiaohanxu)
- 16. Mar 13, 2026 by Angel Wagner (angelwagner)

Calendar Pages Using this Program [Latin American and Caribbean Studies](#)

Effective Date	2027-28
Workflow	majormod Suspend
Program Code	LCS
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Latin American and Caribbean Studies
Degree	Not Applicable
Title	Minor in Latin American and Caribbean Studies

Program Requirements

Minor in Latin American and Caribbean Studies (4.0 credits)

This minor is available to all undergraduate degree students with the exception of those in the B.G.In.S. Specialization or Stream in Latin American and Caribbean Studies.

Students are required to present a Minor CGPA of 4.00 or higher at graduation in order to be awarded a Minor in Latin American and Caribbean Studies.

Requirements

1. 0.5 credit from:		0.5
LACS 1001 [0.5]	Introduction to Latin American and Caribbean Studies I	
LACS 2001 [0.5]	Latin America and the Caribbean in Global Context	

2. **2.5 credits in** Approved Latin American and Caribbean Studies Electives at the 2000-level or higher 2.5
3. **1.0 credit in** Approved Latin American and Caribbean Studies Electives at the 3000-level or higher 1.0
4. The remaining requirements of the major discipline(s) and degree must be satisfied.
- NOTE: Up to 1.5 credits in language courses relevant to Latin American and Caribbean Studies (Spanish, French, Portuguese) at any level may be substituted across items 2 and 3 above.
- Total Credits 4.0

Approved Latin American and Caribbean Studies Electives

Anthropology

ANTH 2020 [0.5]	Race and Ethnicity
ANTH 2040 [0.5]	Anthropology and Gender
ANTH 2640 [0.5]	Latin America and the Caribbean through Ethnography
ANTH 2850 [0.5]	Anthropology of Development
ANTH 3020 [0.5]	Studies in Race and Ethnicity
ANTH 3027 [0.5]	Studies in Globalization and Human Rights
ANTH 3600 [0.5]	Studies in Anthropology and Indigenous Peoples
ANTH 4730 [0.5]	Colonialism and Post-Colonialism

Economics

ECON 3508 [0.5]	Introduction to Economic Development
ECON 4507 [0.5]	The Economics of Development
ECON 4508 [0.5]	International Aspects of Economic Development

English

ENGL 2956 [0.5]	Literatures of the Americas I
ENGL 2957 [0.5]	Literatures of the Americas II
ENGL 3965 [0.5]	Intro to Postcolonial Theory
ENGL 3972 [0.5]	Studies in Postcolonial Literature
ENGL 4947 [0.5]	Issues in Diaspora Literature
ENGL 4975 [0.5]	Issues in Postcolonial Theory
ENGL 4976 [0.5]	Issues in Postcolonial Literature
ENGL 4802 [0.5]	Race, Ethnicity and Canadian Lit.

Geography

GEOG 2200 [0.5]	Global Connections
GEOG 2300 [0.5]	Space, Place and Culture
GEOG 3021 [0.5]	Geographies of Culture and Identity
GEOG 3023 [0.5]	Cities in a Global World
GEOG 3024 [0.5]	Understanding Globalization
GEOG 3025 [0.5]	Geographies of Selected Regions
GEOG 3030 [0.5]	Regional Field Excursion
GEOG 3209 [0.5]	Sustainability and Environment in the South
GEOG 3404 [0.5]	Geographies of Economic Development
GEOG 4024 [0.5]	Seminar in Globalization

History

HIST 2308 [0.5]	Colonial Latin America
HIST 2309 [0.5]	Modern Latin America
HIST 2710 [0.5]	Introduction to Caribbean History

HIST 3704 [0.5]	Aztecs
HIST 3710 [0.5]	Themes in Caribbean History
HIST 3712 [0.5]	Mexico: Aztecs to Narcos
HIST 3713 [0.5]	Gender and Sexuality in Latin America
HIST 4700 [1.0]	Seminar in World History
HIST 4704 [0.5]	Caribbean and Latin American History
HIST 4915 [0.5]	Topics in History (topics in LACS)

Human Rights and Social Justice

HRSJ 2202 [0.5]	Power Relations and Human Rights
HRSJ 2401 [0.5]	Political Repression
HRSJ 3501 [0.5]	Social, Economic and Cultural Rights
HRSJ 3503 [0.5]	Global Environmental Justice
HRSJ 4201 [0.5]	Citizenship and Human Rights

Latin American and Caribbean Studies

LACS 1001 [0.5]	Introduction to Latin American and Caribbean Studies I (if not used toward Item 1, above)
LACS 2001 [0.5]	Latin America and the Caribbean in Global Context (if not used toward Item 1, above)
LACS 4001 [0.5]	Issues in Latin American and Caribbean Studies
LACS 4819/PSCI 4819 [0.5]	Latin America and the World

Law

LAWS 3208 [0.5]	International Trade Regulation
---------------------------------	--------------------------------

Migration and Diaspora Studies

MGDS 2000 [0.5]	Global Migration and Transnationalism (Migration and Diaspora Studies)
---------------------------------	--

Political Science

PSCI 2102 [0.5]	Comparative Politics of the Global South
PSCI 2602 [0.5]	International Relations: Global Political Economy
PSCI 3105 [0.5]	Imperialism and Decolonization
PSCI 3204 [0.5]	Politics of Latin America
PSCI 3205 [0.5]	Mexican Politics
PSCI 3307 [0.5]	Politics of Human Rights
PSCI 3502 [0.5]	Gender and Politics: Global South
PSCI 3600 [0.5]	International Institutions
PSCI 3802 [0.5]	Globalization and Human Rights
PSCI 4104 [0.5]	Development in the Global South - Theory and Practice
PSCI 4105 [0.5]	Selected Problems in Development in the Global South
PSCI 4500 [0.5]	Gender and Globalization
PSCI 4505 [0.5]	Transitions to Democracy

Sociology

SOCI 2020 [0.5]	Race and Ethnicity
SOCI 3020 [0.5]	Studies in Race and Ethnicity
SOCI 3027 [0.5]	Globalization and Human Rights
SOCI 4730 [0.5]	Colonialism and Post-Colonialism

New Resources

Summary Deletion of the Minor following admission suspension in 25-26.

Rationale for change The Minor is not generating interest from students, with an average enrolment of 3 over the past four academic years prior to suspension. Given the low enrolment and in the current

financial context, FASS can no longer justify the annual credit of contract instructor teaching committed to the program over the past three years. This level of support, in the form of CI hire or buyouts (in exchange of faculty teaching from our sister faculty), has been required to cover 1000 and 2000-level courses every year. Offering both levels has been necessary due to the scarcity of LACS-specific courses and substantive reliance on approved electives for this 4-credit program element. FASS remains committed to offering some undergraduate LACS courses on an ongoing basis to ensure that students continue to benefit from valuable training and expertise in this field of studies. Doing so outside of the commitment to a Minor program element will make it possible to scale resources to needs by alternating year-to-year course offering across levels.

Transition/Implementation Advising will be provided to the single student currently enrolled to ensure completion of the Minor. This can be achieved with at least one 4000-level LACS course offered every year, and one 1000-2000 level course offered year-to-year on an alternating basis.

Program reviewer
comments

angelwagner (03/13/26 4:58 pm): End term updated.

Key: 713

MEMORANDUM

To: Pascal Gin, Associate Dean (Academic), Faculty of Arts and Social Sciences

From: Beth MacLeod, Associate Director of Linguistics, School of Linguistics & Language Studies

CC: Anne Bowker, Dean, Faculty of Arts and Social Sciences

Date: January 22, 2026

Subject: Major Modification to LING PhD. Track A2.-New Graduate Pathway

Modification Description

We propose two modifications to the Linguistics PhD program that would introduce new pathways to doctoral study while maintaining the existing MA-to-PhD route. First, we propose a **Direct-Entry PhD** option for exceptional students entering from a Bachelor's degree. Second, we propose a **Fast-Track to PhD** option that would allow a small number of MA students to transition to the PhD after completing the coursework component of the MA, without completing the MA thesis. These pathways are intended to provide greater flexibility in doctoral training while maintaining rigorous academic standards.

A primary motivation for these changes is to strengthen domestic PhD recruitment. Direct-entry PhD pathways are common in major academic markets, particularly in the United States, but remain less common in Canada. This can place Canadian institutions at a disadvantage when recruiting exceptionally strong undergraduate students who are already prepared for advanced research. By offering a Direct-Entry pathway, Carleton would remove a structural barrier to recruiting and retaining top domestic applicants, while maintaining expectations for doctoral-level training. While these pathways may also attract some international applicants, the central goal is to strengthen domestic recruitment and retention, including of Carleton's own top undergrads.

These proposed pathways align Carleton with the established practices at the relatively few Canadian institutions that have them, all leading universities. The University of Toronto offers a dedicated Direct-Entry pathway for their PhD in Linguistics and several other research-intensive Canadian universities, including Concordia University, McGill University, and the University of British Columbia, allow direct entry to the PhD at the institutional level for exceptional applicants, applying rigorous criteria to ensure doctoral readiness. Our proposed modifications position Carleton within this emerging Canadian landscape, aligning the program with established models rather than introducing an untested approach.

Importantly, neither the Direct-Entry nor the Fast-Track pathway represents a reduced or simplified route to the PhD. Direct-Entry students complete additional graduate-level coursework relative to students who enter the PhD after completing a master's degree, integrating master's-level preparation into the PhD rather than completing it as a separate credential. These pathways restructure doctoral training to reduce redundancy while maintaining, and in some respects increasing, the academic demands placed on students.

Neither pathway replaces the existing MA-to-PhD route, which will continue to be offered. Instead, the proposed changes introduce additional options designed to accommodate different forms of academic preparation among a small number of exceptionally well-qualified students.

Direct-Entry PhD

The Direct-Entry PhD pathway is intended for a small number of exceptionally well-prepared students entering from a Bachelor's degree who have demonstrated clear readiness for doctoral-level research. These students must have strong academic records in upper-level linguistics coursework, substantial research experience, and clear evidence of research aptitude.

Admission to the Direct-Entry PhD pathway will be highly selective and based on multiple indicators of doctoral readiness. Applicants must have an exceptional academic record, normally defined as a minimum GPA of 10.0, with strong performance in upper-level linguistics coursework. In addition, applicants will be expected to demonstrate substantial research experience (examples include an honours thesis or major research project, extensive experience working in a lab or as a research assistant, experience presenting at a conference or with publishing), strong letters of reference addressing research aptitude, and clear evidence of preparedness for independent research. Shortlisted applicants will normally be invited to an online interview, which will allow us to assess research maturity, understanding of the proposed field of study, and readiness for the pace and expectations of doctoral training. These admission criteria will be posted in the admissions section of the graduate calendar.

As is standard practice for MA admissions, offers of admission to the Direct-Entry PhD may be conditional on successful completion of the undergraduate degree and on satisfactory performance in final-term coursework that may not yet be available at the time of application.

Because they enter without a completed master's degree, Direct-Entry students complete additional core graduate-level coursework as part of the PhD program to ensure appropriate depth of disciplinary preparation.

Our PhD currently requires 2.5 courses, typically completed in the first year.

- 0.5 credits in "Sound" – LING 5007 Phonology or LING 5077 Phonetics
- 0.5 credits in "Structure" – LING 5004 Syntax, LING 5005 Morphology, or LING 5505 Semantics
- 0.5 credits in LING 5600 Methods in Data Collection, LING 5800 Language Documentation, or ALDS 6407 Revitalization Policy
- 1.0 credits at the 5000- or 6000-level, chosen with grad supervisor

We see the Sound and Structure credits as being fundamental to the study of linguistics – they are our core LING graduate courses. These core courses are repeatable for credit and instructors change the topic year over year, so students can re-take any of the core courses and this would deepen their knowledge of linguistics. As such, Direct-Entry PhD students will complete an extra 0.5 credits in each of these areas. Because the additional coursework required of Direct-Entry students consists entirely of graduate-only Sound and Structure seminars, the two-thirds graduate-only requirement is readily satisfied. In addition, they will take the zero-credit 6000-level PhD courses (Scholarly Preparation in Linguistics – already required of PhD students).

When exactly Direct-Entry PhD students would complete the required 3.5 credits is somewhat flexible, but the program is designed for the majority of coursework to be completed within the first year.

In practice, students would typically complete 2.5 to 3.0 credits in the first year, with the remaining 0.5 to 1.0 credits (corresponding to the additional Sound and Structure requirements) completed in the Fall term of the second year where appropriate.

Decisions about whether a student completes 0.5 or 1.0 credits in the second year would be made in consultation with the Graduate Supervisor, taking into account the student's research interests and the planned schedule of course offerings across the two years. This flexibility allows students to align core coursework with their developing research focus while maintaining appropriate pacing.

While the program is structured for coursework to be completed in the first year, it is already the case that a small number of PhD students take a course in the fall term of their second year for academic or scheduling reasons. Direct-Entry PhD students would be subject to the same expectations and supervisory oversight.

Students in the Direct-Entry PhD would complete 1.5 fewer credits of coursework than students who complete the current MA-to-PhD pathway (who complete 5.0 credits across the two degrees).

Fast-Track to PhD

In the Fast-Track to PhD, students who have completed the first year of the MA (coursework) could be admitted to the PhD without completing the MA thesis in the second year. This option allows students who already have research experience (through Research Assistantships, other collaborations with professors, etc.) to reduce their time to completion of the PhD by one year (as compared to a 2-year MA followed by a 4-year PhD).

Students in the Fast-Track to PhD would complete the same number of courses as those in the Direct-Entry Stream: in addition to the 2.5 credits of coursework they would have completed in their 1st year of MA, they would take 1.0 additional credits in sound and structure, completed in the first year of the PhD. Additionally, they would be required to take the zero-credit 6000-level PhD courses (Scholarly Preparation in Linguistics).

The Fast-Track and Direct-Entry streams serve a similar audience: students with exceptional aptitude for research and an advanced background who are well-prepared for the PhD program. They would reach the PhD program via somewhat different pathways, but their coursework experience will be the same after they have completed their course of study.

Impact on Other Programs

These pathways are not expected to have a negative impact on the MA LING program or on graduate course offerings. The courses taken by Direct-Entry and Fast-Track PhD students are the same courses already offered for existing MA and PhD students, and no new courses are required. While a small number of students who might otherwise have entered the MA would instead enter via the Direct-Entry PhD pathway, this shift would not reduce demand for graduate courses. Overall graduate enrolment is expected to remain stable or increase modestly, and course viability is not anticipated to be affected.

These pathways will not substantively impact other programs outside LING. If this program increases overall enrollment, we anticipate most of this increase will be in LING courses. A small number of exceptional students who previously would have gone to the MA program will go to the Direct-Entry PhD, so we are not expecting huge numbers.

Impact on Learning Outcomes and Curriculum Map

The learning outcomes and curriculum mapping for the Direct-Entry PhD and Fast-track to PhD are the same as for the existing PhD program. This is required as distinct points of entry to a program cannot correspond to different learning outcomes or mappings. Admission to the Direct-Entry pathway is restricted to students who already demonstrate foundational engagement with core disciplinary knowledge and research practices, such that they are prepared to enter the PhD at the appropriate developmental stage for the program's learning outcomes, with reinforcement occurring through PhD coursework and milestones as for all students.

Students

This program will help us attract and retain top domestic applicants by allowing them to reduce time to completion of the PhD by either 2 years (for the Direct-Entry PhD) or by 1 year (for the Fast-Track option). These changes would also provide an opportunity to recruit more international students, especially those from countries where the Direct-Entry PhD is common, including the US.

Resources

There are no additional resources required. The courses that students in these pathways would take are the same as the ones we already offer every year for our MA and PhD students. Our department currently has more capacity for graduate students than we have high-quality applicants, so these new pathways will help close that gap. Teaching and administration of the program will be done with the same resources as the current graduate programs. The student funding will be from the same sources as current graduate students, including RA from research grants, TA positions, and scholarships.

Governance

There will be no impact on governance.

Program Change Request

Date Submitted: 10/17/25 2:05 pm

Viewing: **R-GR-ADMREQT-Ling : R-GR-~~ADMREQT-Linguistics, Lang.Doc.~~R-GR-ADMREQT-Linguistics and Revitalization PhD**

Last approved: 04/29/25 4:06 pm

Last edit: 10/17/25 2:05 pm

Last modified by: bethmacleod

Changes proposed by: bethmacleod

In Workflow

1. LALS ChairDir GR
2. AS Dean
3. AS GFCC
4. AS FBoard
5. PRE SCCASP
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 10/17/25 2:54 pm
Michael Rodgers (michaelrodgers):
Approved for LALS ChairDir GR
2. 11/04/25 7:37 am
Pascal Gin (pascalgin):
Approved for AS Dean
3. 02/25/26 3:26 pm
Sarah Mohammed (sarahmohammed):
Approved for AS GFCC
4. 03/20/26 3:32 pm
Pascal Gin (pascalgin):
Approved for AS FBoard

History

1. Nov 1, 2018 by Sandra Bauer (sandrabauer)
2. Mar 19, 2019 by Sandra Bauer (sandrabauer)
3. Feb 21, 2020 by mikelabreque
4. Apr 29, 2025 by Natalie Phelan (nataliephelan)

Calendar Pages Using this Program [Linguistics](#)

Effective Date 2026-27

Workflow	majormod minormod
Program Code	R-GR-ADMREQT-Ling
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	School of Linguistics and Language Studies
Degree	Doctor of Philosophy
Title	R-GR-ADMREQT-Linguistics, Lang. Doc. R-GR-ADMREQT-Linguistics and Revitalization PhD

Program Requirements

Admission

1. Admission with master's degree: the general requirement for admission into the Ph.D. program ~~AdmissionThe normal requirement for admission to the PhD in Linguistics~~ is a master's degree in Linguistics with an overall GPA of at least A-.
2. Admission with bachelor's degree: exceptional applicants holding an honours bachelor's degree in Linguistics with an average of A- or better, with demonstrated potential for independent thought and advanced research, may be directly admitted to the Ph.D. program. These candidates will be required to follow the Ph.D. Linguistics Direct Entry program requirements.
3. Fast-tracked pathway: students who have been admitted to the thesis master's program may be permitted to transfer into the Ph.D. program if they demonstrate (a) outstanding academic performance by completing at least 2.5 credits of coursework with a CGPA of A or higher, and (b) significant promise for advanced research. The coursework requirements for fast-tracked students are the same as those admitted with a bachelor's degree.

New Resources	No New Resources
Summary	Assoc with major mod PHD-22L. Admission language for new direct entry PhD. With a Direct-Entry PhD, we will be able to identify and recruit outstanding students who have shown aptitude in research and know they want to do a PhD. We will also be able to recruit more international students, particularly from countries where Master's programs are rare or do not exist. In countries such as the United States, it is very common for Linguistics students to enter a PhD program directly after completing a Bachelor's program. With a Direct-Entry PhD, we can recruit those students.
Rationale for change	
Transition/Implementation	The direct-entry PhD would be for students who are new to the graduate program - our current students would not transfer into it. Students who would be a good fit for the fast tracked option would be identified by the supervisor and Graduate Supervisor and be advised of the option.

Program reviewer
comments

Program Change Request

Date Submitted: 10/17/25 2:02 pm

Viewing: **PHD-22L : Ph.D. in Linguistics**

Last approved: 04/17/25 10:13 am

Last edit: 02/23/26 11:59 am

Last modified by: tabbathamalouin

[Changes proposed by: bethmacleod](#)

In Workflow

1. LALS ChairDir GR
2. AS Dean
3. AS GFCC
4. AS FBoard
5. PRE SCCASP
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 10/17/25 2:54 pm
Michael Rodgers
(michaelrodgers):
Approved for LALS
ChairDir GR
2. 11/04/25 7:37 am
Pascal Gin (pascalgin):
Approved for AS Dean
3. 02/13/26 5:06 pm
Pascal Gin (pascalgin):
Rollback to AS Dean for
AS GFCC
4. 02/18/26 12:32 pm
Pascal Gin (pascalgin):
Rollback to LALS ChairDir
GR for AS Dean
5. 02/23/26 2:41 pm
Michael Rodgers
(michaelrodgers):
Approved for LALS
ChairDir GR
6. 02/25/26 3:26 pm
Sarah Mohammed
(sarahmohammed):
Approved for AS Dean
7. 02/25/26 3:35 pm
Sarah Mohammed
(sarahmohammed):
Approved for AS GFCC
8. 03/20/26 3:32 pm
Pascal Gin (pascalgin):
Approved for AS FBoard

History

1. Mar 19, 2019 by Tracey Wright (traceywright)
2. Feb 21, 2020 by mikelabreque
3. Feb 22, 2021 by Sandra Bauer (sandrabauer)
4. Feb 18, 2022 by Tracey Wright (traceywright)
5. Jan 26, 2023 by Tracey Wright (traceywright)
6. Apr 17, 2025 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program [Linguistics](#)

Effective Date	2026-27
Workflow	majormod
Program Code	PHD-22L
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	School of Linguistics and Language Studies
Degree	Doctor of Philosophy
Title	Ph.D. in Linguistics

Program Requirements

Ph.D. Linguistics (3.0 credits)

Requirements:

1. Candidates admitted to first year of the PhD program must complete the following course before proceeding to the second year of study: 0.5
[LING 5001](#) [0.5] Foundations of Linguistics
2. **0.0 credit in:**
[LING 6001](#) [0.0] Scholarly Preparation in Linguistics 1
[LING 6002](#) [0.0] Scholarly Preparation in Linguistics 2
3. **0.5 credit from:** 0.5
[LING 5007](#) [0.5] Phonology
[LING 5077](#) [0.5] Phonetics
4. **0.5 credit from:** 0.5

LING 5004 [0.5]	Syntax	
LING 5005 [0.5]	Morphology	
LING 5505 [0.5]	Semantics	
5. 0.5 credit from:		0.5
LING 5600 [0.5]	Methods in Data Collection	
LING 5800 [0.5]	Language Documentation	
ALDS 6407 [0.5]	Revitalization Policy	
6. 1.0 credit at 5000 or 6000 level chosen in consultation with the graduate supervisor.		1.0
7. 0.0 credit in:		
LING 6907 [0.0]	Doctoral Comprehensive Examination	
LING 6908 [0.0]	Qualifying Paper	
8. 0.0 credit in:		
LING 6909 [0.0]	Ph.D. Thesis	
Total Credits		3.0

Ph.D. Linguistics (Advanced entry - 2.5 credits)

Requirements:

1. 0.0 credit in:		
LING 6001 [0.0]	Scholarly Preparation in Linguistics 1	
LING 6002 [0.0]	Scholarly Preparation in Linguistics 2	
2. 0.5 credit from:		0.5
LING 5007 [0.5]	Phonology	
LING 5077 [0.5]	Phonetics	
3. 0.5 credit from:		0.5
LING 5004 [0.5]	Syntax	
LING 5005 [0.5]	Morphology	
LING 5505 [0.5]	Semantics	
4. 0.5 credit from:		0.5
LING 5600 [0.5]	Methods in Data Collection	
LING 5800 [0.5]	Language Documentation	
ALDS 6407 [0.5]	Revitalization Policy	
5. 1.0 credit at 5000 or 6000 level chosen in consultation with the graduate supervisor.		1.0
6. 0.0 credit in:		
LING 6907 [0.0]	Doctoral Comprehensive Examination	
LING 6908 [0.0]	Qualifying Paper	
7. 0.0 credit in:		
LING 6909 [0.0]	Ph.D. Thesis	
Total Credits		2.5

Ph.D. Linguistics Direct Entry (4.0 credits)

Requirements:

1. 0.0 credit in:	
LING 6001 [0.0]	<u>Scholarly Preparation in Linguistics 1</u>
LING 6002 [0.0]	<u>Scholarly Preparation in Linguistics 2</u>

<u>2. 1.0 credit in:</u>		<u>1.0</u>
<u>LING 5007 [0.5]</u>	<u>Phonology</u>	
<u>LING 5077 [0.5]</u>	<u>Phonetics</u>	
<u>3. 1.0 credit from:</u>		<u>1.0</u>
<u>LING 5004 [0.5]</u>	<u>Syntax</u>	
<u>LING 5005 [0.5]</u>	<u>Morphology</u>	
<u>LING 5505 [0.5]</u>	<u>Semantics</u>	
<u>4. 0.5 credit from:</u>		<u>0.5</u>
<u>LING 5600 [0.5]</u>	<u>Methods in Data Collection</u>	
<u>LING 5800 [0.5]</u>	<u>Language Documentation</u>	
<u>ALDS 6407 [0.5]</u>	<u>Revitalization Policy</u>	
<u>5. 1.0 credits at the 5000- or 6000-level, chosen in consultation with the graduate supervisor.</u>		<u>1.0</u>
<u>6. 0.0 credit in:</u>		
<u>LING 6907 [0.0]</u>	<u>Doctoral Comprehensive Examination</u>	
<u>LING 6908 [0.0]</u>	<u>Qualifying Paper</u>	
<u>7. 0.0 credit in:</u>		
<u>LING 6909 [0.0]</u>	<u>Ph.D. Thesis</u>	
Total Credits		3.5

New Resources	No New Resources
Summary	Introduction of a direct entry PhD in Linguistics.
Rationale for change	A primary motivation for these changes is to strengthen domestic PhD recruitment by removing a structural barrier to recruiting and retaining top domestic applicants, including Carleton’s own top undergraduates. Direct-entry PhD pathways remain relatively uncommon in Canada; however, the University of Toronto offers a dedicated Direct-Entry pathway in Linguistics, and research-intensive institutions such as Concordia, McGill, and the University of British Columbia allow direct entry at the institutional level for exceptional applicants. Admission to the Direct-Entry pathway will be highly selective and based on rigorous assessment of academic excellence and demonstrated research readiness. Neither pathway replaces the existing MA-to-PhD route, which will continue to be offered and remains the main pathway for the majority of students.
Transition/Implementation	This change is only relevant for students who would be new to the PhD program. Our current students would not transition into it.
Program reviewer comments	pascalgin (02/13/26 5:06 pm): Rollback: As discussed, please update requirement #5 and rationale pascalgin (02/18/26 12:32 pm): Rollback: As discussed, please edit requirement #5 and rationale

Program Change Request

Date Submitted: 11/11/25 11:16 am

Viewing: **TBD-2132 : M. Engineering - Engineering Practice**

Last approved: 05/20/25 9:51 am

Last edit: 01/13/26 9:05 am

Last modified by: nataliephelan

[Changes proposed by: OlenaSivachenko](#)

In Workflow

1. **FED ChairDir GR**
2. **ENG GFCC**
3. **ENG FBoard**
4. **PRE SCCASP**
5. SCCASP
6. SQAPC
7. Senate
8. CalEditor

Approval Path

1. 10/03/25 11:50 am
Prashant Waghmare
(PrashantWaghmare):
Approved for FED
ChairDir GR
2. 11/10/25 10:06 am
Natalie Phelan
(nataliephelan):
Rollback to Initiator
3. 11/11/25 2:15 pm
Prashant Waghmare
(PrashantWaghmare):
Approved for FED
ChairDir GR
4. 11/17/25 1:26 pm
Jeffrey Erochko
(jeffreerochko):
Approved for ENG
GFCC
5. 11/27/25 4:02 pm
Jeffrey Erochko
(jeffreerochko):
Approved for ENG
FBoard

History

1. Jan 26, 2023 by

- Sandra Bauer
(sandrabauer)
2. Jul 19, 2023 by Sandra Bauer (sandrabauer)
 3. Oct 4, 2024 by Natalie Phelan (nataliephelan)
 4. May 7, 2025 by Olena Sivachenko (OlenaSivachenko)
 5. May 20, 2025 by Natalie Phelan (nataliephelan)

Calendar Pages Using this [Engineering Practice](#) Program

Effective Date	2026-27
Workflow	majormod minormod
Program Code	TBD-2132
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	Engineering & Design (Faculty of)
Degree	Master of Engineering
Title	M. Engineering - Engineering Practice

Program Requirements

Master of Engineering - Engineering Practice (5.0 credits - coursework pathway)
(5.25 credits - [co-op option](#)) ~~practicum pathway~~)

Master of Engineering - Civil Engineering Practice
Requirements - coursework pathway (5.0 credits)

1. 2.0 credits from:

2.0

- [EGEN 5100](#) [0.5] Reinforced and Prestressed Concrete Design
- [EGEN 5101](#) [0.5] Design of Steel Structures
- [EGEN 5102](#) [0.5] Masonry Behaviour and Design
- [EGEN 5103](#) [0.5] Infrastructure and Pavement Management

EGEN 5104 [0.5] Traffic Engineering	
EGEN 5105 [0.5] Foundation Engineering	
EGEN 5106 [0.5] Fundamentals of Fire Safety Engineering	
EGEN 5107 [0.5] Design for Fire Resistance	
EGEN 5199 [0.5] Special Topics in Civil Engineering	
EGEN 5099 [0.5] Directed Studies (with permission of program director only, and support of a full-time faculty member)	
2. 0.5 credit in:	0.5
ECMP 5000 [0.5] Engineering Communications	
3. 0.5 credit in:	0.5
ECMP 5001 [0.5] Project Management	
4. 0.5 credit in:	0.5
ECMP 5002 [0.5] Research Methods for Engineering Practitioners	
5. 1.5 credits from:	1.5
ECMP 5003 [0.5] Entrepreneurship	
ECMP 5004 [0.5] Engineering Economics	
ECMP 5005 [0.5] Data Analytics	
ECMP 5006 [0.5] Governance, Policy Development and Decision-making	
ECMP 5007 [0.5] Climate Change and Sustainability	
ECMP 5008 [0.5] Risk Analysis	
ECMP 5010 [0.5] Professional and Ethical Practice for Engineers	
6. 0.0 credit in:	0.0
ECMP 5009 [0.0] Research Seminar	
<u>Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.</u>	
Total Credits	5.0
Master of Engineering - Civil Engineering Practice	
Requirements - co-op option (5.25 credits)	
1. 2.0 credits from:	2.0
EGEN 5100 [0.5] Reinforced and Prestressed Concrete Design	
EGEN 5101 [0.5] Design of Steel Structures	
EGEN 5102 [0.5] Masonry Behaviour and Design	
EGEN 5103 [0.5] Infrastructure and Pavement Management	
EGEN 5104 [0.5] Traffic Engineering	
EGEN 5105 [0.5] Foundation Engineering	
EGEN 5106 [0.5] Fundamentals of Fire Safety Engineering	
EGEN 5107 [0.5] Design for Fire Resistance	
EGEN 5199 [0.5] Special Topics in Civil Engineering	
EGEN 5099 [0.5] Directed Studies (with permission of the program director only, and support of a full-time faculty member)	
2. 0.5 credit in:	0.5
ECMP 5000 [0.5] Engineering Communications	
3. 0.5 credit in:	0.5

<u>ECMP 5001</u> [0.5]	Project Management	
4. 0.5 credit in:		0.5
<u>ECMP 5002</u> [0.5]	Research Methods for Engineering Practitioners	
5. 0.25 credit in:		0.25
<u>EWEX 5000</u> [0.25]	Work Term Preparation	
6. 1.5 credits from:		1.5
<u>ECMP 5003</u> [0.5]	Entrepreneurship	
<u>ECMP 5004</u> [0.5]	Engineering Economics	
<u>ECMP 5005</u> [0.5]	Data Analytics	
<u>ECMP 5006</u> [0.5]	Governance, Policy Development and Decision-making	
<u>ECMP 5007</u> [0.5]	Climate Change and Sustainability	
<u>ECMP 5008</u> [0.5]	Risk Analysis	
<u>ECMP 5010</u> [0.5]	Professional and Ethical Practice for Engineers	
<u>EWEX 5001</u> [0.0]	Course EWEX 5001 Not Found	
<u>EWEX 5002</u> [0.0]	Course EWEX 5002 Not Found	
7. 0.0 credit in:		0.0
<u>ECMP 5009</u> [0.0]	Research Seminar	
<u>7. 0 credit in:</u>		<u>0.0</u>
<u>EWEX 5913</u> [0.0]	<u>Co-operative Education Work Term</u>	
<u>Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.</u>		
Total Credits		5.25
Master of Engineering - Software Engineering Practice		
Requirements - coursework pathway (5.0 credits)		
1. 2.0 credits from:		2.0
<u>EGEN 5200</u> [0.5]	Operating Systems	
<u>EGEN 5201</u> [0.5]	Embedded Systems Development	
<u>EGEN 5202</u> [0.5]	Secure Systems Engineering	
<u>EGEN 5203</u> [0.5]	Test-driven and Agile Software Development	
<u>EGEN 5205</u> [0.5]	Software Development for Parallel and Distributed Architectures	
<u>EGEN 5206</u> [0.5]	Web and Mobile Software Development	
<u>EGEN 5208</u> [0.5]	Databases for Software Engineers	
<u>EGEN 5209</u> [0.5]	Tools for Software Engineering	
<u>EGEN 5210</u> [0.5]	Practical Introduction to Data Analysis and Machine Learning	
<u>EGEN 5299</u> [0.5]	Special Topics in Software Engineering	
<u>EGEN 5099</u> [0.5]	Directed Studies (with permission of program director only, and support of a full-time faculty member)	
2. 0.5 credit in:		0.5
<u>ECMP 5000</u> [0.5]	Engineering Communications	
3. 0.5 credit in:		0.5
<u>ECMP 5001</u> [0.5]	Project Management	
4. 0.5 credit in:		0.5
<u>ECMP 5002</u> [0.5]	Research Methods for Engineering Practitioners	

5. 1.5 credits from:	1.5
ECMP 5003 [0.5] Entrepreneurship	
ECMP 5004 [0.5] Engineering Economics	
ECMP 5005 [0.5] Data Analytics	
ECMP 5006 [0.5] Governance, Policy Development and Decision-making	
ECMP 5007 [0.5] Climate Change and Sustainability	
ECMP 5008 [0.5] Risk Analysis	
ECMP 5010 [0.5] Professional and Ethical Practice for Engineers	
6. 0.0 credit in:	0.0
ECMP 5009 [0.0] Research Seminar	
<u>Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.</u>	
Total Credits	5.0
Master of Engineering - Software Engineering Practice	
Requirements - co-op option (5.25 credits)	
1. 2.0 credits from:	2.0
EGEN 5200 [0.5] Operating Systems	
EGEN 5201 [0.5] Embedded Systems Development	
EGEN 5202 [0.5] Secure Systems Engineering	
EGEN 5203 [0.5] Test-driven and Agile Software Development	
EGEN 5205 [0.5] Software Development for Parallel and Distributed Architectures	
EGEN 5206 [0.5] Web and Mobile Software Development	
EGEN 5208 [0.5] Databases for Software Engineers	
EGEN 5209 [0.5] Tools for Software Engineering	
EGEN 5210 [0.5] Practical Introduction to Data Analysis and Machine Learning	
EGEN 5299 [0.5] Special Topics in Software Engineering	
EGEN 5099 [0.5] Directed Studies (with permission of the program director only, and support of a full-time faculty member)	
2. 0.5 credit in:	0.5
ECMP 5000 [0.5] Engineering Communications	
3. 0.5 credit in:	0.5
ECMP 5001 [0.5] Project Management	
4. 0.5 credit in:	0.5
ECMP 5002 [0.5] Research Methods for Engineering Practitioners	
5. 0.25 credit in:	0.25
EWEX 5000 [0.25] Work Term Preparation	
6. 1.5 credits from:	1.5
ECMP 5003 [0.5] Entrepreneurship	
ECMP 5004 [0.5] Engineering Economics	
ECMP 5005 [0.5] Data Analytics	
ECMP 5006 [0.5] Governance, Policy Development and Decision-making	
ECMP 5007 [0.5] Climate Change and Sustainability	
ECMP 5008 [0.5] Risk Analysis	

ECMP 5010 [0.5] Professional and Ethical Practice for Engineers

~~EWEX 5001 [0.0] Course EWEX 5001 Not Found~~

~~EWEX 5002 [0.0] Course EWEX 5002 Not Found~~

7. 0.0 credit in:

~~ECMP 5009 [0.0] Research Seminar~~

7. 0 credit in:

0.0

EWEX 5913 [0.0] Co-operative Education Work Term

Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.

Total Credits

5.25

Master of Engineering - Electrical Engineering Practice

Requirements - coursework pathway (5.0 credits)

1. 2.0 credits from:

2.0

EGEN 5300 [0.5] Signal Processing Electronics

EGEN 5301 [0.5] VLSI Design

EGEN 5302 [0.5] Modeling and Simulation of Electrical Circuits

EGEN 5303 [0.5] Silicon Sensors

EGEN 5304 [0.5] Microprocessor Systems

EGEN 5305 [0.5] Power Systems

EGEN 5306 [0.5] Telecommunications Systems

EGEN 5307 [0.5] Control Systems and Robotics

EGEN 5308 [0.5] Integrated Circuit and Device Technology

EGEN 5399 [0.5] Special Topics in Electrical Engineering

EGEN 5099 [0.5] Directed Studies (with permission of program director only, and support of a full-time faculty member)

2. 0.5 credit in:

0.5

ECMP 5000 [0.5] Engineering Communications

3. 0.5 credit in:

0.5

ECMP 5001 [0.5] Project Management

4. 0.5 credit in:

0.5

ECMP 5002 [0.5] Research Methods for Engineering Practitioners

5. 1.5 credits from:

1.5

ECMP 5003 [0.5] Entrepreneurship

ECMP 5004 [0.5] Engineering Economics

ECMP 5005 [0.5] Data Analytics

ECMP 5006 [0.5] Governance, Policy Development and Decision-making

ECMP 5007 [0.5] Climate Change and Sustainability

ECMP 5008 [0.5] Risk Analysis

ECMP 5010 [0.5] Professional and Ethical Practice for Engineers

6. 0.0 credit in:

0.0

~~ECMP 5009 [0.0] Research Seminar~~

Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.

Total Credits	5.0
Master of Engineering - Electrical Engineering Practice	
Requirements - co-op option (5.25 credits)	
1. 2.0 credits from:	2.0
EGEN 5300 [0.5] Signal Processing Electronics	
EGEN 5301 [0.5] VLSI Design	
EGEN 5302 [0.5] Modeling and Simulation of Electrical Circuits	
EGEN 5303 [0.5] Silicon Sensors	
EGEN 5304 [0.5] Microprocessor Systems	
EGEN 5305 [0.5] Power Systems	
EGEN 5306 [0.5] Telecommunications Systems	
EGEN 5307 [0.5] Control Systems and Robotics	
EGEN 5308 [0.5] Integrated Circuit and Device Technology	
EGEN 5399 [0.5] Special Topics in Electrical Engineering	
EGEN 5099 [0.5] Directed Studies (with permission of the program director only, and support of a full-time faculty member)	
2. 0.5 credit in:	0.5
ECMP 5000 [0.5] Engineering Communications	
3. 0.5 credit in:	0.5
ECMP 5001 [0.5] Project Management	
4. 0.5 credit in:	0.5
ECMP 5002 [0.5] Research Methods for Engineering Practitioners	
5. 0.25 credit in:	0.25
EWEX 5000 [0.25] Work Term Preparation	
6. 1.5 credits from:	1.5
ECMP 5003 [0.5] Entrepreneurship	
ECMP 5004 [0.5] Engineering Economics	
ECMP 5005 [0.5] Data Analytics	
ECMP 5006 [0.5] Governance, Policy Development and Decision-making	
ECMP 5007 [0.5] Climate Change and Sustainability	
ECMP 5008 [0.5] Risk Analysis	
ECMP 5010 [0.5] Professional and Ethical Practice for Engineers	
EWEX 5001 [0.0] Course EWEX 5001 Not Found	
EWEX 5002 [0.0] Course EWEX 5002 Not Found	
7. 0.0 credit in:	0.0
ECMP 5009 [0.0] Research Seminar	
<u>7. 0 credit in:</u>	<u>0.0</u>
EWEX 5913 [0.0] <u>Co-operative Education Work Term</u>	
<u>Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.</u>	
Total Credits	5.25
Master of Engineering - Environmental Engineering Practice	
Requirements - coursework pathway (5.0 credits)	

1. 2.0 credits from:	2.0
EGEN 5400 [0.5] Overview of Environmental Engineering Principles	
EGEN 5401 [0.5] Physico-Chemical Processes in Water and Wastewater Treatment	
EGEN 5402 [0.5] Biological Processes in Water and Wastewater Treatment	
EGEN 5403 [0.5] Groundwater and Soil Remediation	
EGEN 5404 [0.5] Solid Wastes and Landfill	
EGEN 5405 [0.5] Air Pollution and Emission Control	
EGEN 5406 [0.5] Climate Change and Engineering	
EGEN 5407 [0.5] Environmental Impact Assessment	
EGEN 5499 [0.5] Special Topics in Environmental Engineering	
EGEN 5099 [0.5] Directed Studies (with permission of program director only, and support of a full-time faculty member)	
2. 0.5 credit in:	0.5
ECMP 5000 [0.5] Engineering Communications	
3. 0.5 credit in:	0.5
ECMP 5001 [0.5] Project Management	
4. 0.5 credit in:	0.5
ECMP 5002 [0.5] Research Methods for Engineering Practitioners	
5. 1.5 credits from:	1.5
ECMP 5003 [0.5] Entrepreneurship	
ECMP 5004 [0.5] Engineering Economics	
ECMP 5005 [0.5] Data Analytics	
ECMP 5006 [0.5] Governance, Policy Development and Decision-making	
ECMP 5007 [0.5] Climate Change and Sustainability	
ECMP 5008 [0.5] Risk Analysis	
ECMP 5010 [0.5] Professional and Ethical Practice for Engineers	
6. 0.0 credit in:	0.0
ECMP 5009 [0.0] Research Seminar	

Note: students interested in research are encouraged to take [ECMP 5009](#) [0.0cr] when it is available, in addition to the requirements listed above.

Total Credits 5.0

Master of Engineering - Environmental Engineering Practice

Requirements - co-op option (5.25 credits)

1. 2.0 credits from:	2.0
EGEN 5400 [0.5] Overview of Environmental Engineering Principles	
EGEN 5401 [0.5] Physico-Chemical Processes in Water and Wastewater Treatment	
EGEN 5402 [0.5] Biological Processes in Water and Wastewater Treatment	
EGEN 5403 [0.5] Groundwater and Soil Remediation	
EGEN 5404 [0.5] Solid Wastes and Landfill	
EGEN 5405 [0.5] Air Pollution and Emission Control	
EGEN 5406 [0.5] Climate Change and Engineering	
EGEN 5407 [0.5] Environmental Impact Assessment	
EGEN 5499 [0.5] Special Topics in Environmental Engineering	

<u>EGEN 5099</u> [0.5]	Directed Studies (with permission of the program director only, and support of a full-time faculty member)	
2. 0.5 credit in:		0.5
<u>ECMP 5000</u> [0.5]	Engineering Communications	
3. 0.5 credit in:		0.5
<u>ECMP 5001</u> [0.5]	Project Management	
4. 0.5 credit in:		0.5
<u>ECMP 5002</u> [0.5]	Research Methods for Engineering Practitioners	
5. 0.25 credit in:		0.25
<u>EWEX 5000</u> [0.25]	Work Term Preparation	
6. 1.5 credits from:		1.5
<u>ECMP 5003</u> [0.5]	Entrepreneurship	
<u>ECMP 5004</u> [0.5]	Engineering Economics	
<u>ECMP 5005</u> [0.5]	Data Analytics	
<u>ECMP 5006</u> [0.5]	Governance, Policy Development and Decision-making	
<u>ECMP 5007</u> [0.5]	Climate Change and Sustainability	
<u>ECMP 5008</u> [0.5]	Risk Analysis	
<u>ECMP 5010</u> [0.5]	Professional and Ethical Practice for Engineers	
<u>EWEX 5001</u> [0.0]	<u>Course EWEX 5001 Not Found</u>	
<u>EWEX 5002</u> [0.0]	<u>Course EWEX 5002 Not Found</u>	
7. 0.0 credit in:		0.0
<u>ECMP 5009</u> [0.0]	Research Seminar	
<u>7. 0 credit in:</u>		
<u>EWEX 5913</u> [0.0]	<u>Co-operative Education Work Term</u>	
<u>Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.</u>		
Total Credits		5.25
Master of Engineering - Mechanical Engineering Practice Requirements - coursework pathway (5.0 credits)		
1. 2.0 credits from:		2.0
<u>EGEN 5500</u> [0.5]	Applied Fluid Mechanics	
<u>EGEN 5501</u> [0.5]	Computational Fluid Mechanics	
<u>EGEN 5502</u> [0.5]	Thermodynamics and Energy Systems	
<u>EGEN 5503</u> [0.5]	Transport Phenomena (Heat and Mass)	
<u>EGEN 5504</u> [0.5]	Kinematics and Dynamics of Human Movement	
<u>EGEN 5505</u> [0.5]	Controls and Robotics	
<u>EGEN 5506</u> [0.5]	Mechanics and Fracture	
<u>EGEN 5507</u> [0.5]	Surfaces and Interfacial Phenomena	
<u>EGEN 5508</u> [0.5]	Introduction to Advanced Materials	
<u>EGEN 5509</u> [0.5]	Engineering Vibrations	
<u>EGEN 5599</u> [0.5]	Special Topics in Mechanical Engineering	
<u>EGEN 5099</u> [0.5]	Directed Studies (with permission of program director only, and support of a full-time faculty member)	

- | | |
|--|-----|
| 2. 0.5 credit in: | 0.5 |
| ECMP 5000 [0.5] Engineering Communications | |
| 3. 0.5 credit in: | 0.5 |
| ECMP 5001 [0.5] Project Management | |
| 4. 0.5 credit in: | 0.5 |
| ECMP 5002 [0.5] Research Methods for Engineering Practitioners | |
| 5. 1.5 credits from: | 1.5 |
| ECMP 5003 [0.5] Entrepreneurship | |
| ECMP 5004 [0.5] Engineering Economics | |
| ECMP 5005 [0.5] Data Analytics | |
| ECMP 5006 [0.5] Governance, Policy Development and Decision-making | |
| ECMP 5007 [0.5] Climate Change and Sustainability | |
| ECMP 5008 [0.5] Risk Analysis | |
| ECMP 5010 [0.5] Professional and Ethical Practice for Engineers | |

- | | |
|---|----------------|
| 6. 0.0 credit in: | 0.0 |
| ECMP 5009 [0.0] Research Seminar | |

Note: students interested in research are encouraged to take [ECMP 5009](#) [0.0cr] when it is available, in addition to the requirements listed above.

Total Credits	5.0
---------------	-----

Master of Engineering - Mechanical Engineering Practice

Requirements - co-op option (5.25 credits)

- | | |
|--|------|
| 1. 2.0 credits from: | 2.0 |
| EGEN 5500 [0.5] Applied Fluid Mechanics | |
| EGEN 5501 [0.5] Computational Fluid Mechanics | |
| EGEN 5502 [0.5] Thermodynamics and Energy Systems | |
| EGEN 5503 [0.5] Transport Phenomena (Heat and Mass) | |
| EGEN 5504 [0.5] Kinematics and Dynamics of Human Movement | |
| EGEN 5505 [0.5] Controls and Robotics | |
| EGEN 5506 [0.5] Mechanics and Fracture | |
| EGEN 5507 [0.5] Surfaces and Interfacial Phenomena | |
| EGEN 5508 [0.5] Introduction to Advanced Materials | |
| EGEN 5509 [0.5] Engineering Vibrations | |
| EGEN 5599 [0.5] Special Topics in Mechanical Engineering | |
| EGEN 5099 [0.5] Directed Studies (with permission of the program director only, and support of a full-time faculty member) | |
| 2. 0.5 credit in: | 0.5 |
| ECMP 5000 [0.5] Engineering Communications | |
| 3. 0.5 credit in: | 0.5 |
| ECMP 5001 [0.5] Project Management | |
| 4. 0.5 credit in: | 0.5 |
| ECMP 5002 [0.5] Research Methods for Engineering Practitioners | |
| 5. 0.25 credit in: | 0.25 |
| EWEX 5000 [0.25] Work Term Preparation | |

6. 1.5 credits from:	1.5
ECMP 5003 [0.5] Entrepreneurship	
ECMP 5004 [0.5] Engineering Economics	
ECMP 5005 [0.5] Data Analytics	
ECMP 5006 [0.5] Governance, Policy Development and Decision-making	
ECMP 5007 [0.5] Climate Change and Sustainability	
ECMP 5008 [0.5] Risk Analysis	
ECMP 5010 [0.5] Professional and Ethical Practice for Engineers	
EWEX 5001 [0.0] Course EWEX 5001 Not Found	
EWEX 5002 [0.0] Course EWEX 5002 Not Found	
7. 0.0 credit in:	0.0
ECMP 5009 [0.0] Research Seminar	
7. 0 credit in:	<u>0.0</u>
EWEX 5913 [0.0] <u>Co-operative Education Work Term</u>	
<u>Note: students interested in research are encouraged to take ECMP 5009 [0.0cr] when it is available, in addition to the requirements listed above.</u>	
Total Credits	5.25

New Resources

No New Resources

Summary

1) ECMP 5009 is no longer required, but encouraged.
 2) Practicum pathway has been replaced by the co-op option. This change reflects the removal of EWEX 5001 and EWEX 5002 and addition of EWEX 5913.

Rationale for change

1) ECMP 5009 is 0.00 credit and is better as an option for interested students when we can offer it. Additionally, there is already a 0.5 mandatory course (ECMP 5002 Research Methods for Engineering Practitioners) that satisfies the research component requirement for the program. 2) The co-op option offers well-established structure defined processes, employer networks, and recognized branding through Carleton's Co-operative Education Program, whereas the EP Practicum pathway is a new initiative that requires significant effort and resources to build awareness and credibility with employers. Transitioning to co-op leverages an existing, trusted framework that aligns with CEWIL Canada standards, ensuring EP students gain meaningful, paid work experience in Canada. This change enhances the EP program's competitiveness and attractiveness, particularly for international students seeking Canadian work experience, as the co-op brand is widely recognized and valued by employers.

Transition/Implementation

Students admitted for Fall 2026 and later will follow the new requirements.

Program reviewer comments

nataliephelan (11/10/25 10:06 am): Rollback: To incorporate co-op changes.
nataliephelan (11/12/25 12:51 pm): Updated summary and rationale to reflect change to co-op.

Key: 2132

Program Change Request

New Program Proposal

Date Submitted: 11/10/25 3:58 pm

Viewing: **TBD-2344 : Co-op Option - Engineering Practice M.Eng.**

Last edit: 12/11/25 3:33 pm

Last modified by: nataliephelan

[Changes proposed by: bradcousineau](#)

In Workflow

1. **REGS COOP GR Review**
2. **ENPR ChairDir GR**
3. **ENG Dean**
4. **ENG GFCC**
5. **ENG FBoard**
6. **PRE SCCASP**
7. SCCASP
8. SQAPC
9. Senate
10. CalEditor

Approval Path

1. 11/10/25 4:12 pm
Brad Cousineau (bradcousineau):
Approved for REGS COOP GR Review
2. 11/10/25 11:46 pm
Prashant Waghmare (PrashantWaghmare):
Approved for ENPR ChairDir GR
3. 11/17/25 1:23 pm
Jeffrey Erochko (jeffreyerochko):
Approved for ENG Dean
4. 11/17/25 1:24 pm
Jeffrey Erochko (jeffreyerochko):
Approved for ENG GFCC
5. 11/27/25 4:01 pm
Jeffrey Erochko (jeffreyerochko):
Approved for ENG FBoard
6. 12/11/25 3:30 pm
Natalie Phelan

(nataliephelan):
Rollback to ENG
GFCC for PRE
SCCASP

7. 12/11/25 3:48 pm
Jeffrey Erochko
(jeffreyerochko):
Approved for ENG
GFCC
8. 12/17/25 1:43 pm
Jeffrey Erochko
(jeffreyerochko):
Approved for ENG
FBoard

Effective Date	2026-27
Workflow	majormod
Program Code	TBD-2344
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	Engineering Practice Co-op Office
Degree	
Title	Co-op Option - Engineering Practice M.Eng.

Program Requirements

Engineering Practice M.Eng. Co-operative Education Option

Students are encouraged to apply for admission to the Co-operative Education Program by the end of their first term of academic study.

To be eligible for admission to Co-op, students must:

1. have successfully completed, by the start of the first work term, [EWEX 5000](#) [0.25] Work Term Preparation;
2. be enrolled in the M.Eng. in Engineering Practice;
3. successfully complete at least two academic terms;
4. successfully complete a minimum of 2.0 credits (4 courses), including at least one of [ECMP 5000](#) Engineering Communications or [ECMP 5001](#) Project Management;
5. have a CGPA of at least 9.00;

6. be registered as a full-time student in each academic term prior to a work term;
7. be eligible to work in Canada (for off-campus work terms);
8. have at least one academic term remaining after the work term(s) - minimum 0.5 credit course.

For more information, please refer to the Co-operative Education Policy.

New Resources

No New Resources

Summary

RATIONALE: Background: The EP Program is designed with a specific focus on international engineering graduates and has a training structure that prepares its graduates for seamless integration into the Canadian job market. The program provides students with a unique ability to advance in topics related to their engineering background (civil, electrical, environmental, mechanical and software) and disciplines that are geared at the development of career-ready skills in communications, project management, entrepreneurship, governance and policies, economics, climate change and sustainability, etc., within an engineering field. In the first year, we admitted over 100 students to our program, with many students having professional experience outside Canada after completing their undergraduate degree. Therefore, participating in the co-op program will add value to their degree in the following ways:

1. **Accelerated Integration into the Canadian Workforce:** Co-op placements will provide a structured and supervised environment for international graduates to gain Canadian work experience. This will allow them to apply their academic knowledge, adapt to Canadian workplace culture, and further refine both their technical engineering and career-ready skills in a real-world setting.
2. **Enhanced Networking and Mentorship Opportunities:** Co-op placements will facilitate valuable networking opportunities with Canadian employers and industry professionals. This exposure can lead to mentorship relationships and provide international students with crucial guidance and support as they navigate the Canadian job market.
3. **Training Industry-Ready Professionals:** By combining academic learning with practical co-op experience, the EP Program will prepare graduates who possess both advanced engineering knowledge and essential career-ready skills that Canadian employers seek. This will enhance graduates' employability and strengthen the program's reputation for producing industry-ready professionals.
4. **Strengthening Employer Partnerships and Feedback:** Co-op placements will foster stronger relationships of EP students with Canadian employers, providing the latter with access to a pool of highly motivated and skilled international graduates. This collaboration will lead to valuable feedback on the program's curriculum, ensuring its continued relevance to industry needs.
5. **Improving Graduate Outcomes and Program Success:** Co-op experience will significantly increase the likelihood of successful job placements for international students. This will lead to higher graduate employment rates and contribute to the overall success and recognition of the EP program.
6. **Increased Program Attractiveness for International Graduates:** Offering a co-op option will make the EP Program even more appealing to international engineering graduates seeking Canadian work experience. This will strengthen

the program's competitive advantage and help attract top talents from around the globe.

Rationale

SUMMARY: introducing a regulation to govern the new ENPR co-op option.

Transition/Implementation N/A - new for fall 2026

Program reviewer comments

nataliephelan (11/25/25 3:56 pm): Some adjustments made to the number of courses and terms required for eligibility, based off emails exchanged between R. Miller (FED) and K. Leblanc/R. Alvarez (Co-op Office).

nataliephelan (12/11/25 3:30 pm): Rollback: Sending back to GFCC as one of the requirements is being removed and a new vote will be taken in the faculty.

nataliephelan (12/11/25 3:33 pm): Update to remove the minimum grade stipulation; the unit feels that the CGPA requirement is the better way to enforce the academic achievement threshold. The co-op office is in agreement: From: Katie LeBlanc <KatieLeBlanc@cunet.carleton.ca> Sent: December 9, 2025 9:22 AM To: EP Manager <EP_Manager@cunet.carleton.ca> Subject: RE: Coop admission requirements for EP students Hi Olena, Co-op is in agreement with keeping the minimum CGPA threshold of 9, and removing the additional grades requirements. From Co-op's end, this email would suffice as confirmation of the change. Natalie Phelan might be the best person to advise on next steps to implement this change in the calendar. Katie

Key: 2344

Course Change Request

New Course Proposal

Date Submitted: 11/10/25 2:20 pm

Viewing: **EWEX 5913 : Co-operative Education Work Term**

Last edit: 11/13/25 2:51 pm

Changes proposed by: OlenaSivachenko

Calendar Pages referencing this course [Engineering Practice](#)
[Engineering Work Experience \(EWEX\) Courses](#)

Programs referencing this course [M. Engineering - Engineering Practice](#)

In Workflow

1. **FED ChairDir GR**
2. **REGS COOP GR Review**
3. **ENG Dean**
4. **ENG GFCC**
5. **ENG FBoard**
6. **PRE SCCASP**
7. SCCASP
8. SQAPC
9. Senate
10. CalEditor
11. Banner

Approval Path

1. 11/11/25 2:15 pm
Prashant Waghmare (PrashantWaghmare):
Approved for FED ChairDir GR
2. 11/11/25 2:54 pm
Brad Cousineau (bradcousineau):
Approved for REGS COOP GR Review
3. 11/17/25 1:23 pm
Jeffrey Erochko (jeffreyerochko):
Approved for ENG Dean
4. 11/17/25 1:25 pm
Jeffrey Erochko (jeffreyerochko):
Approved for ENG GFCC
5. 11/27/25 4:01 pm
Jeffrey Erochko (jeffreyerochko):
Approved for ENG FBoard

Effective Date	2026-27
Workflow	majormod
New Resources	
Level	Graduate
Course Code	EWEX
Course Number	5913
Title	Co-operative Education Work Term
Title (short)	EP Co-opWorkTerm
<hr/>	
Faculty	Faculty of Engineering and Design
Academic Unit	Engineering & Design (Faculty of)
Credit Value	0.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Co-op
Course Description	Students must be enrolled in this course during their work term(s). A written report from the student and an assessment from the employer will be required. Graded SAT/UNS.
Prerequisite(s)	EWEX 5000.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
<hr/>	
Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	*Work Term

*May constitute a major modification under Carleton's IQAP. Please consult <https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement	No
Summary	Creation of a course code for the new Engineering Practice (EP) program's Cooperative Education option.
Rationale for new course	The EP program is introducing a new Co-operative Education option, providing all students across various streams with a single unified course code for registration.
Course reviewer comments	nataliephelan (11/11/25 9:32 am): Changed title to match that of other 5913 courses. nataliephelan (11/11/25 2:53 pm): Further title change to exactly match other 5913s! nataliephelan (11/13/25 2:51 pm): A further title change, at the request of K. Leblanc in Co-op.

Key: 11413

[Preview Bridge](#)

Course Change Request

A deleted record cannot be edited

Course Delete Proposal

Date Submitted: 11/10/25 3:48 pm

Viewing: **EWEX 5001 : Engineering Practicum**

Last approved: 05/12/25 4:35 am

Last edit: 11/10/25 3:48 pm

[Changes proposed by: OlenaSivachenko](#)

In Workflow

1. **FED ChairDir GR**
2. **ENG GFCC**
3. **ENG FBoard**
4. **PRE SCCASP**
5. SCCASP
6. CalEditor
7. Banner

Approval Path

1. 11/10/25 3:42 pm
Natalie Phelan
(nataliephelan):
Rollback to Initiator
2. 11/11/25 2:15 pm
Prashant Waghmare
(PrashantWaghmare):
Approved for FED
ChairDir GR
3. 11/17/25 1:25 pm
Jeffrey Erochko
(jeffreyerochko):
Approved for ENG
GFCC
4. 11/27/25 4:01 pm
Jeffrey Erochko
(jeffreyerochko):
Approved for ENG
FBoard

History

1. May 12, 2025 by Olena
Sivachenko
(OlenaSivachenko)

Effective Date	2026-27
Workflow	<u>minormod</u> majormod
Level	Graduate
Course Code	EWEX
Course Number	5001
Title	Engineering Practicum
Title (short)	Engineering Practicum
<hr/>	
Faculty	Faculty of Engineering and Design
Academic Unit	Engineering & Design (Faculty of)
Credit Value	0.50
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Internships
Course Description	Students must be enrolled in this course during their first practicum term. A written report from the student and an assessment from the employer will be required. Graded SAT/UNS.
Prerequisite(s)	EWEX 5000.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
<hr/>	
Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	*Practicum
	*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.

Unpaid Placement No

Summary Deleted course.

Rationale for deactivation [As EP Practicum pathway is transitioning into the EP Co-op Education option, EWEX 5001 is deleted and replaced by EWEX 5913.](#)

Course reviewer comments **nataliephelan (11/10/25 3:42 pm):** Rollback: Rollback to resubmit as a deactivate proposal.

Key: 11235

[Preview Bridge](#)

Course Change Request

A deleted record cannot be edited

Course Delete Proposal

Date Submitted: 11/10/25 3:38 pm

Viewing: **EWEX 5002 : Engineering Practicum**

Last approved: 05/12/25 4:36 am

Last edit: 11/10/25 3:38 pm

[Changes proposed by: OlenaSivachenko](#)

In Workflow

1. **FED ChairDir GR**
2. **ENG GFCC**
3. **ENG FBoard**
4. **PRE SCCASP**
5. SCCASP
6. CalEditor
7. Banner

Approval Path

1. 11/11/25 2:15 pm
Prashant Waghmare
(PrashantWaghmare):
Approved for FED
ChairDir GR
2. 11/17/25 1:25 pm
Jeffrey Erochko
(jeffreyerochko):
Approved for ENG
GFCC
3. 11/27/25 4:01 pm
Jeffrey Erochko
(jeffreyerochko):
Approved for ENG
FBoard

History

1. May 12, 2025 by Olena
Sivachenko
(OlenaSivachenko)

Effective Date 2026-27

Workflow minormod ~~majormod~~

Level	Graduate
Course Code	EWEX
Course Number	5002
Title	Engineering Practicum
Title (short)	Engineering Practicum
Faculty	Faculty of Engineering and Design
Academic Unit	Engineering & Design (Faculty of)
Credit Value	0.50
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Internships
Course Description	Students must be enrolled in this course during their second practicum term, which is optional for the Practicum pathway. A written report from student and an assessment from the employer will be required. Graded SAT/UNS.
Prerequisite(s)	EWEX 5000.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	*Practicum *May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	No
Summary	Deleted course.

Rationale for
deactivation

[As EP Practicum pathway is transitioning into the EP Co-op Education option, EWX 5002 is deleted and replaced by EWEX 5913.](#)

Course reviewer
comments

Key: 11238

[Preview Bridge](#)