DATE: January 23, 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. **Certificate in Multidisciplinary Studies in Mental Health and Well-Being**
   SCCASP approval: December 2, 2025
   SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the closure of the Certificate in Multidisciplinary Studies in Mental Health and Well-Being as presented with effect from Fall 2027.

2. **GDip (type 3) Work and Labour Studies**
   SCCASP approval: January 20, 2026
   SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the closure of the type 3 (stand-alone) Graduate Diploma in Work and Labour as presented with effect from Fall 2026.

3. **Graduate Diploma & Concentration in Indigenous Policy and Administration**
   SCCASP approval: January 20, 2026
   SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the closure of the Graduate Diploma and concentration in Indigenous Policy and Administration as presented with effect from Fall 2026.

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.

4. **Minor and Concentration in Drama Studies**
    SCCASP approval: December 2, 2025
    SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the deletion of the minor and concentration in Drama Studies as presented with effect from Fall 2026.

5. **BEng. Environmental Engineering**
    SCCASP approval: November 18, 2025
    SQAPC approval: November 27, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the BEng Environmental Engineering program as presented with effect from Fall 2026.

6. **B.Sc. Nursing**
    SCCASP approval: November 18, 2025
    SQAPC approval: November 27, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the BSc Nursing program as presented with effect from Fall 2025.

7. **PhD Physics**
    SCCASP approval: November 18, 2025
    SQAPC approval: November 27, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the introduction of the Direct Entry option to the PhD program in Physics as presented with effect from Fall 2026.

8. **PhD Physics**
   SCCASP approval: December 16, 2025
   SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the PhD program in Physics as presented with effect from Fall 2026.

9. **MA in Canadian Studies**
   SCCASP approval: December 2, 2025
   SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the MA program in Canadian Studies as presented with effect from Fall 2026.

10. **Master of Public Policy and Administration with Collaborative Specialization in Climate Change**
    SCCASP approval: December 2, 2025
    SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the introduction of the advanced completion option to the Master of Public Policy and Administration with Collaborative Specialization in Climate Change as presented with effect from Fall 2026.

11. **NURS 3201 & 4200**
    SCCASP approval: December 2, 2025
    SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to NURS 3201 & 4200 as presented with effect from Fall 2026.

12. **MA Sociology Concentration in Quantitative Methodology**
    SCCASP approval: December 2, 2025
    SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the MA program in Sociology with a concentration in Quantitative Methodology as presented with effect from Fall 2026.

13. **Bachelor of Music**
    SCCASP approval: November 18, 2025
    SQAPC approval: December 11, 2025

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the Bachelor of Music program as presented with effect from Fall 2026.

14. **CRCJ 4908**
    SCCASP approval: December 2, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to CRCJ 4908 as presented with effect from Fall 2026.

15. **Building Engineering (MASc & MEng)**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the addition of the accelerated pathway to the MASc and MEng programs in Building Engineering as presented with effect from Fall 2026.

16. **PhD Building Engineering**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the PhD program in Building Engineering as presented with effect from Fall 2026.

17. **PhD Civil Engineering**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the PhD program in Civil Engineering as presented with effect from Fall 2026.

18. **PhD Environmental Engineering**
    SCCASP approval: January 20, 2026
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the PhD program in Environmental Engineering as presented with effect from Fall 2026.

19. **MA International Affairs**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

> **THAT** Senate approve the major modification to the MA program in International Affairs as presented with effect from Fall 2026.

20. **MA in Migration and Diaspora Studies**
    SCCASP approval: January 20, 2026
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the MA program in Migration and Diaspora Studies as presented with effect from Fall 2026.

21. **MASc Mechanical, Aerospace and Materials Engineering**
    SCCASP approval: January 20, 2026
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

THAT Senate approve the addition of the collaborative specialization in Data Science to the MASc programs in Mechanical, Aerospace and Materials Engineering as presented with effect from Fall 2026.

22. **BEng Communications Engineering**
    SCCASP approval: January 20, 2026
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the BEng program in Communications Engineering as presented with effect from Fall 2027.

23. **PhD Biology**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

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

24. **PhD Chemistry**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

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

25. **PhD Earth Sciences**
    SCCASP approval: December 16, 2025
    SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the PhD program in Earth Sciences as presented with effect from Fall 2026.

26. BJHum
      SCCASP approval: December 16, 2025
      SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

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

27. PhD Mathematics & Statistics
      SCCASP approval: December 16, 2025
      SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the PhD program in Mathematics and Statistics as presented with effect from Fall 2026.

28. MCS
      SCCASP approval: December 16, 2025
      SQAPC approval: January 8, 2026

Senate Motion January 30, 2026

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

29. Business Professional Practicum
      SCCASP approval: January 20, 2026
      SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

THAT Senate approve the addition of BUSI 5993, 5994 & 5996 as presented with effect from Fall 2026.

30. B.Com. Stream in Financial Planning
      SCCASP approval: January 20, 2026
      SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

THAT Senate approve the introduction of the stream in Financial Planning to the B.Com. program as presented with effect from Fall 2026.

31. PHD Computer Science
      SCCASP approval: January 20, 2026
      SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the PhD program in Computer Science as presented with effect from Fall 2026.

32. MSc Physics-Stream in Modern Technology
    SCCASP approval: January 20, 2026
    SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the MSc program in Physics – Stream in Modern Technology as presented with effect from Fall 2026.

33. Data Science, Analytics and Artificial Intelligence
    SCCASP approval: November 18, 2025
    SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the master's programs in Data Science, Analytics and Artificial Intelligence as presented with effect from Fall 2026.

34. Master of Human Computer Interaction
    SCCASP approval: December 2, 2025
    SQAPC approval: January 22, 2026

Senate Motion January 30, 2026

THAT Senate approve the major modification to the Master of Human Computer Interaction and the introduction of HCIN 5903 as presented with effect from Fall 2026.

MEMORANDUM

To: Vice-President's Academic and Research Committee (VPARC)

From: Robert J . Coplan, Undergraduate Chair, Dep of Psychology; Guy Lacroix, Chair, Dep of Psychology

CC: Anne Bowker, Dean FASS; Pascal Gin, Associate Dean Academic, FASS

Date: Aug 14, 2025

Subject: Deletion of the PSYC program *Certificate in Multidisciplinary Studies in Mental Health and Well-Being* from the 2026-27 Academic Calendar

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Description of change

This certificate was intended to provide mental health-related training for non-Psychology-students. It is comprised of 5.0 credits: 3.0 credits in PSYC (PSYC 1001, PSYC 1002, PSYC 2301, PSYC 3302, PSYC 3403, PSYC 3604) and 2.0 credits in other disciplines (e.g., ANTH, BUSI, ECON, HLTH, PHIL, SOCI, etc.). It also required the completion of 12 hours of 'non-credit training', to be completed from available options offered at Carleton (e.g., Safetalk Training, Skills for Academic Success, Time Management, etc.).

Challenges for maintaining this certificate include: (1) lack of resources available to adequately to administer the program; (2) very low enrolment (i.e., 2 students in 2023-23, 7 students in 2023-24, 7 students in 2024-25); (3) difficulties in procuring necessary content to fulfill the 12 hours of 'non-credit training' hours; (4) content overlap with *Stream in Mental Health and Well-Being* (for PSYC students); and (5) a lack of clear benefits for PSYC given the resource allocation required.

This proposal to delete this certificate was requested by the Department of Psychology.

Impact on Other Programs and Students

No impact expected on other programs. The handful of students currently registered in this stream will be permitted to complete the requirements.

Resources

The following questions should be addressed in this section. When answering the questions include the future plans for reallocated resources.

   a. *Dean and Faculty Affiliation*: No changes.

   b. *Faculty resources*: No changes.

   c. *Administrative support*: No anticipated effects.

V:2023-1

      d.   *Space*: No impact of space.

      e.   *Financial*: No implications.

Transition Plan

The handful of students currently registered in this stream will be permitted to complete the requirements to obtain this certificate if they wish to do so.

V:2023-1

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 08/15/25 9:04 am

Viewing: CERT-CMHW : Certificate in Multidisciplinary Studies in Mental Health and Well-Being

Last approved: 07/24/24 2:14 pm

Last edit: 08/15/25 9:04 am

Last modified by: robertcoplan

Changes proposed by: robertcoplan

In Workflow

1. **PSYC ChairDir UG**
2. **SCI Dean**
3. **AS Dean**
4. **SCI FCC**
5. **AS FCC**
6. **SCI FBoard**
7. **AS FBoard**
8. **PRE SCCASP**
9. SCCASP
10. SQAPC
11. Senate
12. PRE CalEditor
13. CalEditor

Approval Path

1. 08/15/25 9:05 am
   Robert Coplan
   (robertcoplan): Approved
   for PSYC ChairDir UG
2. 08/27/25 3:36 pm
   David Amundsen
   (davidamundsen):
   Approved for SCI Dean
3. 08/29/25 2:24 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
4. 09/18/25 2:52 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FCC
5. 10/13/25 2:27 pm
   Pascal Gin (pascalgin):
   Approved for AS FCC
6. 11/11/25 10:56 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FBoard
7. 11/13/25 12:57 pm
   Pascal Gin (pascalgin):
   Approved for AS FBoard

History

1. Apr 28, 2021 by Guy Lacroix (guylacroix)
2. Jun 15, 2021 by Natalie Phelan (nataliephelan)
3. Aug 11, 2023 by Natalie Phelan (nataliephelan)
4. Apr 5, 2024 by Natalie Phelan (nataliephelan)
5. Apr 25, 2024 by Natalie Phelan (nataliephelan)
6. Jul 4, 2024 by Natalie Phelan (nataliephelan)
7. Jul 24, 2024 by Natalie Phelan (nataliephelan)

Calendar Pages Using this Program	Psychology
Effective Date	2027-28
Workflow	majormod ~~minormod~~
Program Code	CERT-CMHW
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	Department of Psychology
Degree	Not Applicable
Title	Certificate in Multidisciplinary Studies in Mental Health and Well-Being

Program Requirements

Certificate in Multidisciplinary Studies in Mental Health and Well-Being (5.0 credits)

May be taken following successful completion of any college diploma (with a minimum grade of B) or any undergraduate degree. May also be taken concurrently with any degree except for Psychology with the Stream in Mental Health and Well-Being. Students who hold a degree in Psychology may be required to take additional credits to fulfill the certificate residency requirement; see Section 2.2.2 Minimum Number of Residency Credits.

Requirements

1.	**1.0 credit in:**		1.0
	PSYC 1001 [0.5]	Introduction to Psychology I	
	PSYC 1002 [0.5]	Introduction to Psychology II	
2.	**2.0 credits in:**		2.0

PSYC 2301 [0.5]	Introduction to Health Psychology
PSYC 3302 [0.5]	Positive Psychology
PSYC 3403 [0.5]	Addiction
PSYC 3604 [0.5]	Clinical Psychology and Mental Illness

3. 2.0 credits from two or more units: 2.0

Anthropology

ANTH 2020 [0.5]	Race and Ethnicity
ANTH 2040 [0.5]	Anthropology and Gender
ANTH 2070 [0.5]	Psychological Anthropology
ANTH 2550 [0.5]	Religion and Society
ANTH 3020 [0.5]	Studies in Race and Ethnicity
ANTH 3040 [0.5]	The Global Middle Class
ANTH 3310 [0.5]	Studies in Medical Anthropology
ANTH 4005 [0.5]	Health and Globalization
ANTH 4780 [0.5]	Anthropology of Personhood

Business

BUSI 3104 [0.5]	Managing Individual Performance
BUSI 4105 [0.5]	Managing Change

Disability Studies

DBST 1001 [0.5]	Introduction to Disability Studies

Economics

ECON 3460 [0.5]	Introduction to Health Economics

Geography

GEOG 3206 [0.5]	Health, Environment, and Society

Health Sciences

HLTH 1001 [0.5]	Principles of Health I
HLTH 2003 [0.5]	Social Determinants of Health
HLTH 3403 [0.5]	Gender and Health

History

HIST 3106 [0.5]	Social History of Sexuality
HIST 3120 [0.5]	History of the Body

Human Rights

HRSJ 1101 [0.5]	Introduction to Human Rights & Social Justice
HRSJ 1102 [0.5]	Critical Issues in Social Justice Activism

Industrial Design

IDES 2600 [0.5]	Human Factors/Ergonomics in Design

Law

LAWS 2105 [0.5]	Social Justice and Human Rights

Linguistics

LING 2604 [0.5]	Communication Differences and Disabilities I
LING 3604 [0.5]	Communication Differences and Disabilities II

Music

MUSI 3303 [0.5]	Principles and Practices of Music Therapy

Neuroscience

NEUR 1202 [0.5]	Neuroscience of Mental Health and Psychiatric Conditions
NEUR 1203 [0.5]	Neuroscience of Mental Health and Neurological Conditions

Philosophy

PHIL 1200 [0.5]	The Meaning of Life
PHIL 1700 [0.5]	Philosophy of Love and Sex
PHIL 2307 [0.5]	Gender and Philosophy
PHIL 2330 [0.5]	Happiness, Well-being, and the Good Life
PHIL 2380 [0.5]	Introduction to Environmental Ethics
PHIL 2408 [0.5]	Bioethics
PHIL 2540 [0.5]	Personal Identity and the Self
PHIL 2550 [0.5]	Moral Psychology
PHIL 2700 [0.5]	Asian Philosophy
PHIL 3540 [0.5]	Philosophy of Emotions

Religion

RELI 1731 [0.5]	Religion and Culture
RELI 2732 [0.5]	Death and Afterlife

Sociology

SOCI 2020 [0.5]	Race and Ethnicity
SOCI 2030 [0.0]	Course SOCI 2030 Not Found
SOCI 2040 [0.5]	Food, Culture and Society
SOCI 2043 [0.5]	Sociology of the Family
SOCI 2045 [0.5]	Gender and Society
SOCI 2050 [0.5]	Sociology of Health
SOCI 3010 [0.5]	Power, Oppression and Resistance
SOCI 3020 [0.5]	Studies in Race and Ethnicity
SOCI 3040 [0.5]	Studies in the Sociology of Gender
SOCI 3044 [0.5]	Sociology of Sex and Sexuality
SOCI 3050 [0.5]	Studies in the Sociology of Health
SOCI 3055 [0.5]	Studies in Addictions
SOCI 3056 [0.5]	Women and Health
SOCI 4043 [0.5]	Families in the 21st Century

Social Work

SOWK 1001 [0.5]	Introduction to Social Welfare
SOWK 1002 [0.5]	Introduction to Social Work

Technology, Society, Environmental Studies

TSES 3001 [0.5]	Technology-Society Interactions
TSES 4001 [0.5]	Technology and Society: Risk

4. 12 hours of non-credit training from an approved list of activities. Refer to the Department of Psychology for more information.

Total Credits	5.0

New Resources

Summary	Deletion of the program Certificate in Multidisciplinary Studies in Mental Health and Well-Being
Rationale for change	This certificate was intended to provide mental health-related training for non-Psychologystudents. It is comprised of 5.0 credits: 3.0 credits in PSYC (PSYC 1001, PSYC 1002, PSYC 2301, PSYC 3302, PSYC 3403) and 2.0 credits on other disciplines (e.g., ANTH, BUSI, ECON, HLTH,PHIL, SOCI, etc.). It also required the completion of 12 hours of 'non-credit training', to be completed from available options offered at Carleton (e.g., Safetalk Training,

Skills for Academic Success, Time Management, etc.). Challenges for maintaining this certificate include: (1) lack of resources available to adequately to administer the program; (2) very low enrolment (i.e., 2 students in 2023-23, 7 students in 2023-24, 7 students in 2024-25); (3) challenges in procuring necessary content to fulfill the 12 hours of 'non-credit training' hours; (4) content overlap with Stream in Mental Health and Well-Being (for PSYC students); and (5) a lack of clear benefits for PSYC given the resource allocation required.

Transition/Implementation	Students currently registered will be allowed to complete the requirements for this certificate.

Program reviewer comments

Key: 2013

Program Closure

MEMORANDUM

To: Vice-President's Academic and Research Committee (VPARC)

From: Dr. Justin Paulson, Director, Insitute for Political Economy

CC: Dr. Brenda O'Neill, Dean, Faculty of Public and Global Affairs

Date: August 28, 2025

Subject: GDIP in Work and Labour Type 3 (stand-alone) – Program Closure

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Description of change

In 2019 the new program proposal for the Type 2 and 3 Diploma in Work and Labour was submitted and approved by the Quality Council. The Provost at the time agreed that the program could commence pending Ministry approval.

In March 2023 it was confirmed that the Ministry did not approve the first submission of the new program proposal for grant funding and OSAP. The Provost then granted conditional permission to continue the type 3 diploma on the basis of a resubmission to the Ministry in 2024 and its subsequent approval.

We have now received confirmation from the Ministry that the 2nd submission of the program proposal has also not been approved. Based on the Ministry's decision the Provost has determined that the program can continue the type 2 diploma. However, the type 3 stand-alone diploma will need to be closed.

Since 2020 the program has received 24 applications. 14 students were rejected and 10 students were made offers. Of those 10, three students have graduated, four students accepted but are now inactive, and three students are registered for Fall 2025 .

Impact on Other Programs and Students : N/A

Resources: N/A

Transition Plan

Students currently in the type 3 graduate diploma will be permitted to register and complete the diploma, as a sufficient number of the courses are continuing to be offered as part of the type 2 (concurrent) diploma and Work and Labour MA concentration. 17 students are currently registered in the core Work and Labour seminar (PECO 5002) for Fall 2025.

Program Change Request

Date Submitted: 08/28/25 11:22 am

Viewing: **TBD-1942 : Work and Labour GDip - Admission Requirements**

Last approved: 03/20/23 11:53 am

Last edit: 08/28/25 12:34 pm

Last modified by: nataliephelan

Changes proposed by: nataliephelan

In Workflow

1. **CalEditor**
2. **PA Dean**
3. **PA GFCC**
4. **PA FBoard**
5. **PRE SCCASP**
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 10/23/25 11:18 am
   Natalie Phelan
   (nataliephelan):
   Approved for CalEditor
2. 10/27/25 11:09 am
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA Dean
3. 11/10/25 4:31 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA GFCC
4. 11/27/25 4:30 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA
   FBoard

History

1. Feb 12, 2020 by
   Sandra Bauer
   (sandrabauer)
2. Feb 11, 2022 by
   Tabbatha Malouin
   (tabbathamalouin)
3. Mar 13, 2023 by
   Sandra Bauer
   (sandrabauer)
4. Mar 20, 2023 by
   Sandra Bauer
   (sandrabauer)

Calendar Pages Using this Program	Work and Labour
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1942
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	Institute of Political Economy
Degree	
Title	Work and Labour GDip - Admission Requirements

Program Requirements

Admission ~~Type 2 Diploma~~

Applicants must be enrolled at Carleton University in a master's or doctoral program in a related discipline. Not available to students enrolled in the MA in Political Economy.

~~Type 3 Diploma Applicants must possess an honours bachelor or equivalent four-year undergraduate university degree in a social sciences, humanities, or disciplinary program relevant to Work andLabour.Applicants without these qualifications may be considered for admission with a non-honours bachelor's degree and significant relevant work or volunteer experience in the area of labourissues.~~

New Resources	No New Resources
Summary	The Work and Labour graduate diploma will only be offered as a concurrent (type 2) diploma; feedback from the Ministry necessitates the closing of the stand-alone (type 3) option. The admission regulation is the only place in the calendar which specified the difference in diploma types, hence this Courseleaf proposal is going through the workflow.
Rationale for change	
Transition/Implementation	Three students were admitted for fall 2025, prior to the decision to close being made. They will be allowed to complete the program - no courses are being deleted because the concurrent diploma is still available.

Program reviewer comments	**nataliephelan (10/23/25 11:18 am):** VPARC October 8 2025 confirmed deletion of the type 3 (standalone) diploma.

Key: 1942

MEMORANDUM

To: Vice-President's Academic and Research Committee (VPARC)

From: Jennifer Stewart, Director, SPPA

CC: Dean Brenda O'Neill, Faculty of Public and Global Affairs

Date: November 11th, 2025

Subject: Closure of Graduate Diploma in Indigenous Policy and Administration, and the Master of Public Policy and Administration Concentration in Indigenous Policy and Administration

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Description of change

Enrolment in the Graduate Diploma in Indigenous Policy and Administration has not been at the levels necessary to continue offering it. Since restarting the diploma in the Summer 2023, we have hired excellent Graduate Administrators, and a faculty member took on the Graduate Supervisor role. Recruitment plans were implemented with no impact on enrolment. Unfortunately, the structure and/or content of this program does not resonate with potential students.

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
GDip	6	4		9	9	10	5	8	10	6
MPPA	8	1	3	6	3	4	1	0	0	0

One of two faculty members who teach IPA courses has submitted her resignation effective end of Winter 2025. Without the faculty member, we cannot offer the necessary courses to offer the MPPA with Concentration in Indigenous Policy and Administration. In addition, there are not enough students interested in the concentration to offer so many electives.

We would like the programs closed effective Fall 2026. We will not be proposing a replacement program.

Impact on Other Programs and Students (½ page)

With the closure of the GDip and the Indigenous Policy and Administration Concentration in the MPPA, there is no impact on other programs at Carleton.

Resources

The Graduate Administrator for the diploma is currently on maternity leave. She will be available for other work when she returns. One other faculty member has been teaching in the IPA programs. He will offer PADM 5224 Indigenous Policy in future terms as it has always been a popular elective and continue his teaching in the MPPA program.

__Transition Plan__

As of Winter 2025, there were 11 students registered in the diploma. Five of those students have graduated. Three of those students completed the necessary courses in Fall 2025 and have applied to graduate. There are two students who have lost their student status and have been unresponsive to emails. There is one student who has not responded to emails or registered in the required courses to complete the diploma.

There are currently four MPPA students who have stated an interest in completing the IPA Concentration. All four have completed the requirements to receive the IPA Concentration and are on track to graduate by the end of Winter 2026.

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 04/01/25 9:33 am

Viewing: **TBD-1134 : Graduate Diploma in Indigenous Policy and Administration**

Last approved: 05/08/17 1:49 pm

Last edit: 04/01/25 9:33 am

Last modified by: devonsaulis

Changes proposed by: devonsaulis

In Workflow

1. **PADM ChairDir GR**
2. **Future Cycle**
3. **PA Dean**
4. **PA GFCC**
5. **PRE SCCASP**
6. **PA FBoard**
7. **PRE SCCASP**
8. SCCASP
9. SQAPC
10. Senate
11. CalEditor

Approval Path

1. 03/03/25 11:19 am
   Jennifer Stewart
   (jenniferstewart):
   Approved for PADM
   ChairDir GR
2. 03/03/25 11:27 am
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA Dean
3. 03/03/25 1:43 pm
   Vandna Bhatia
   (vandnabhatia):
   Rollback to Initiator
4. 04/01/25 4:39 pm
   Jennifer Stewart
   (jenniferstewart):
   Approved for PADM
   ChairDir GR
5. 06/11/25 12:00 pm
   Angel Wagner
   (angelwagner):
   Approved for Future
   Cycle
6. 06/16/25 2:56 pm
   David Mendeloff
   (davidmendeloff):
   Approved for PA Dean
7. 08/26/25 4:53 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA GFCC
8. 10/16/25 3:04 pm
   Natalie Phelan

(nataliephelan):
Approved for PRE
SCCASP
9. 10/20/25 3:20 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA
FBoard

History

1. May 11, 2015 by
sandra
2. May 8, 2017 by Sandra
Bauer (sandrabauer)
3. May 8, 2017 by Sandra
Bauer (sandrabauer)

Calendar Pages Using this Program	Indigenous Policy and Administration Public Policy and Administration
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1134
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	School of Public Policy and Administration
Degree	
Title	Graduate Diploma in Indigenous Policy and Administration

Program Requirements

Graduate Diploma in Indigenous Policy and Administration (3.0 credits)

Requirements:

Students must complete:

1. **2.5 credits in:**   2.5

PADM 5711 [0.5]	Indigenous-Canada Relations: Governance and Policy History
PADM 5712 [0.5]	Issues in Contemporary Governance: First Nations, Métis and Inuit
PADM 5713 [0.5]	Public Administration in Indigenous Organizations and Governments
PADM 5714 [0.5]	Financial Management in First Nations, Métis and Inuit Governments and Organizations
PADM 5715 [0.5]	Policy Research and Evaluation for Indigenous Policy and Administration

2. 0.5 credit in elective, selected from other PADM courses or those offered by another unit, as approved by the I.P.A. Supervisor.	0.5
Total Credits	3.0

New Resources

Summary	1. Close the Graduate Diploma in Indigenous Policy and Administration (Type II and Type III). 2. Close the Master of Public Policy and Administration with Concentration in Indigenous Policy and Administration.
Rationale for change	Enrolment in the GDip program has not been at the levels necessary to continue offering it. Since restarting the diploma in the Summer 2023, we have hired excellent Graduate Administrators and a faculty member took on the Graduate Supervisor role. Recruitment plans were implemented with no impact on enrolment. Unfortunately, the structure and/or content of this program does not resonate with potential students. One of two faculty members who teach in IPA courses has submitted her resignation effective end of Winter 2025. Without the faculty member, we cannot offer the necessary courses to offer the MPPA with Concentration in Indigenous Policy and Administration. In addition, there are not enough students interested in the concentration to offer so many electives.
Transition/Implementation	There are currently 11 students registered in the diploma. Five of those students will graduate after the 2025 Winter term. Three of those students will complete the GDip by completing a Directed Study in Summer 2025 and taking PADM 5224 in Fall 2025 term and one only needs to complete a Directed Study in Summer 2025. There is one student who has lost her student status and another student who will lose her student status in Summer 2025. Both students were contacted several times about the closure and advised on how to complete the program. Neither student responded to these emails. There are currently four MPPA students who have stated an interest in completing the IPA Concentration. Two of those students made the necessary changes to their timetable and will have completed the IPA by the end of Winter 2025. One student has not responded to the emails and can complete the concentration by completing PADM 5224 in the Fall. The last student has not responded to any emails and can complete the concentration by completing a Directed Study in Summer 2025 and PADM 5224 in Fall 2025.
Program reviewer comments	**vandnabhatia (03/03/25 1:43 pm):** Rollback: Please change effective date to 2026-27. **nataliephelan (04/23/25 3:32 pm):** Moved to Future Cycle while 25-26 calendar is published. **nataliephelan (10/16/25 3:04 pm):** Workflow steps in wrong order; off to FPGA faculty board!

Key: 1134

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 04/01/25 9:33 am

Viewing: **MPPA-IPA : Master of Public Policy and Administration with Concentration in Indigenous Policy and Administration**

Last approved: 08/13/24 12:24 pm

Last edit: 04/01/25 9:33 am

Last modified by: devonsaulis

Changes proposed by: devonsaulis

In Workflow

1. **PADM ChairDir GR**
2. **Future Cycle**
3. **PA Dean**
4. **PA GFCC**
5. **PRE SCCASP**
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 03/03/25 11:11 am Jennifer Stewart (jenniferstewart): Approved for PADM ChairDir GR
2. 03/03/25 11:27 am Vandna Bhatia (vandnabhatia): Approved for PA Dean
3. 03/03/25 1:43 pm Vandna Bhatia (vandnabhatia): Rollback to Initiator
4. 04/01/25 4:39 pm Jennifer Stewart (jenniferstewart): Approved for PADM ChairDir GR
5. 10/14/25 11:14 am Natalie Phelan (nataliephelan): Approved for Future Cycle
6. 10/20/25 3:04 pm Vandna Bhatia (vandnabhatia): Approved for PA Dean
7. 10/28/25 1:38 pm Vandna Bhatia (vandnabhatia): Approved for PA GFCC

History

1. Feb 3, 2016 by Sandra Bauer (sandrabauer)
2. Mar 29, 2016 by Calum Carmichael (calumcarmichael)
3. May 8, 2017 by Sandra Bauer (sandrabauer)
4. May 8, 2017 by Sandra Bauer (sandrabauer)
5. Jan 4, 2018 by Sandra Bauer (sandrabauer)
6. Feb 17, 2021 by Ashley-Dawn McKee (ashleydawnmckee)
7. May 12, 2022 by Ashley-Dawn McKee (ashleydawnmckee)
8. Dec 15, 2023 by Sandra Bauer (sandrabauer)
9. Jul 25, 2024 by Sandra Bauer (sandrabauer)
10. Jul 25, 2024 by Sandra Bauer (sandrabauer)
11. Aug 13, 2024 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program	Indigenous Policy and Administration Public Policy and Administration

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	MPPA-IPA
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	School of Public Policy and Administration
Degree	
Title	Master of Public Policy and Administration with Concentration in Indigenous Policy and Administration

Program Requirements

Master of Public Policy and Administration with Concentration in Indigenous Policy and Administration (7.0 credits)(7.5 credits - Thesis pathway)

To complete the M.P.P.A. program with a concentration in Indigenous Policy and Administration, students should notify the M.P.P.A. Supervisor when registering for their first year.

Requirements - Coursework pathway (7.0 credits):

1. **4.5 credits in** core courses: 4.5

PADM 5120 [0.5]	Modern Challenges to Governance
PADM 5121 [0.5]	Policy Analysis: The Practical Art of Change
PADM 5122 [0.5]	Public Management: Principles and Approaches
PADM 5123 [0.5]	Public Management in Practice
PADM 5125 [0.5]	Qualitative Methods for Public Policy
or PADM 5715 [0.5]	Policy Research and Evaluation for Indigenous Policy and Administration
PADM 5126 [0.5]	Quantitative Methods for Public Policy
PADM 5127 [0.5]	Microeconomics for Policy Analysis
PADM 5128 [0.5]	Macroeconomics for Policy Analysis
PADM 5129 [0.5]	Capstone Course

2. **0.5 credit in** approved elective (see School website for details)   0.5
3. **0.5 credit in:**   0.5

| PADM 5224 [0.5] | Indigenous Policy (must be completed before registering in any of the electives for the IPA concentration in Item 4) |

4. **1.5 credits from:**   1.5

PADM 5712 [0.5]	Issues in Contemporary Governance: First Nations, Métis and Inuit
PADM 5713 [0.5]	Public Administration in Indigenous Organizations and Governments
PADM 5714 [0.5]	Financial Management in First Nations, Métis and Inuit Governments and Organizations
PADM 5716 [0.5]	Economic and Community Development in Indigenous Territories
PADM 5717 [0.0]	Course PADM 5717 Not Found
PADM 5718 [0.0]	Course PADM 5718 Not Found
PADM 5719 [0.5]	Indigenous Health and Social Policy
PADM 5772 [0.5]	Policy Seminar (Indigenous Policy and Administration)
PADM 5703 [0.5]	Directed Studies (Indigenous Public Administration)

Total Credits   7.0

Requirements - Research essay pathway (7.0 credits):

1. **4.5 credits in** core courses: 4.5

PADM 5120 [0.5]	Modern Challenges to Governance
PADM 5121 [0.5]	Policy Analysis: The Practical Art of Change
PADM 5122 [0.5]	Public Management: Principles and Approaches
PADM 5123 [0.5]	Public Management in Practice
PADM 5125 [0.5]	Qualitative Methods for Public Policy
or PADM 5715 [0.5]	Policy Research and Evaluation for Indigenous Policy and Administration
PADM 5126 [0.5]	Quantitative Methods for Public Policy
PADM 5127 [0.5]	Microeconomics for Policy Analysis
PADM 5128 [0.5]	Macroeconomics for Policy Analysis
PADM 5129 [0.5]	Capstone Course

2. **0.5 credit in** approved elective (see School website for details)   0.5
3. **0.5 credit in:**   0.5

| PADM 5224 [0.5] | Indigenous Policy (must be completed before registering in any of the electives for the IPA concentration in Item 3) |

4. **0.5 credit from:**   0.5

PADM 5712 [0.5]	Issues in Contemporary Governance: First Nations, Métis and Inuit
PADM 5713 [0.5]	Public Administration in Indigenous Organizations and Governments
PADM 5714 [0.5]	Financial Management in First Nations, Métis and Inuit Governments and Organizations

PADM 5716 [0.5]   Economic and Community Development in Indigenous Territories
PADM 5717 [0.0]   Course PADM 5717 Not Found
PADM 5718 [0.0]   Course PADM 5718 Not Found
PADM 5719 [0.5]   Indigenous Health and Social Policy
PADM 5772 [0.5]   Policy Seminar (Indigenous Policy and Administration)
PADM 5703 [0.5]   Directed Studies (Indigenous Public Administration)

5. **1.0 credit in:**   1.0
PADM 5908 [1.0]   Research Essay

Total Credits   7.0

Requirements - Thesis pathway (7.5 credits):

1. **4.5 credits in** core courses: 4.5
PADM 5120 [0.5]   Modern Challenges to Governance
PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
PADM 5122 [0.5]   Public Management: Principles and Approaches
PADM 5123 [0.5]   Public Management in Practice
PADM 5125 [0.5]   Qualitative Methods for Public Policy
or PADM 5715 [0.5]   Policy Research and Evaluation for Indigenous Policy and Administration
PADM 5126 [0.5]   Quantitative Methods for Public Policy
PADM 5127 [0.5]   Microeconomics for Policy Analysis
PADM 5128 [0.5]   Macroeconomics for Policy Analysis
PADM 5129 [0.5]   Capstone Course

2. **0.5 credit in** approved elective (see School website for details)   0.5
3. **0.5 credit in:**   0.5
PADM 5224 [0.5]   Indigenous Policy
4. **2.0 credits in:**   2.0
PADM 5909 [2.0]   M.P.P.A. Thesis

Total Credits   7.5

Master of Public Policy and Administration
with Concentration in Indigenous Policy and Administration
(Advanced Completion, 5.0 credits)(5.5 credits - Thesis pathway)

Requirements - Coursework pathway (5.0 credits):

1. **2.5 credits in** core courses from: 2.5
PADM 5120 [0.5]   Modern Challenges to Governance
PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
PADM 5122 [0.5]   Public Management: Principles and Approaches
PADM 5123 [0.5]   Public Management in Practice
PADM 5125 [0.5]   Qualitative Methods for Public Policy
or PADM 5715 [0.5] Policy Research and Evaluation for Indigenous Policy and Administration
PADM 5126 [0.5]   Quantitative Methods for Public Policy
PADM 5127 [0.5]   Microeconomics for Policy Analysis
PADM 5128 [0.5]   Macroeconomics for Policy Analysis
PADM 5129 [0.5]   Capstone Course

2. **0.5 credit in** approved elective (see School website for details)   0.5
3. **0.5 credit in:**   0.5
PADM 5224 [0.5]   Indigenous Policy (must be completed before registering in any of the electives for the IPA concentration in Item 3)

4. **1.5 credits from:**   1.5

PADM 5711 [0.5]   Indigenous-Canada Relations: Governance and Policy History
PADM 5712 [0.5]   Issues in Contemporary Governance: First Nations, Métis and Inuit
PADM 5713 [0.5]   Public Administration in Indigenous Organizations and Governments
PADM 5714 [0.5]   Financial Management in First Nations, Métis and Inuit Governments and Organizations
PADM 5716 [0.5]   Economic and Community Development in Indigenous Territories
PADM 5717 [0.0]   Course PADM 5717 Not Found
PADM 5718 [0.0]   Course PADM 5718 Not Found
PADM 5719 [0.5]   Indigenous Health and Social Policy
PADM 5772 [0.5]   Policy Seminar (Indigenous Policy and Administration)
PADM 5703 [0.5]   Directed Studies (Indigenous Public Administration)

Note:

Additional credits may be required, as specified on offer of admission.

Total Credits   5.0

Requirements - Research essay pathway (5.0 credits):

1. **2.5 credits in** core courses from: 2.5

PADM 5120 [0.5]   Modern Challenges to Governance
PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
PADM 5122 [0.5]   Public Management: Principles and Approaches
PADM 5123 [0.5]   Public Management in Practice
PADM 5125 [0.5]   Qualitative Methods for Public Policy
or PADM 5715 [0.5] Policy Research and Evaluation for Indigenous Policy and Administration
PADM 5126 [0.5]   Quantitative Methods for Public Policy
PADM 5127 [0.5]   Microeconomics for Policy Analysis
PADM 5128 [0.5]   Macroeconomics for Policy Analysis
PADM 5129 [0.5]   Capstone Course

2. **0.5 credit in** approved elective (see School website for details)   0.5
3. **0.5 credit in:**   0.5

PADM 5224 [0.5]   Indigenous Policy (must be completed before registering in any of the electives for the IPA concentration in Item 3)

4. **0.5 credit from:**   0.5

PADM 5711 [0.5]   Indigenous-Canada Relations: Governance and Policy History
PADM 5712 [0.5]   Issues in Contemporary Governance: First Nations, Métis and Inuit
PADM 5713 [0.5]   Public Administration in Indigenous Organizations and Governments
PADM 5714 [0.5]   Financial Management in First Nations, Métis and Inuit Governments and Organizations
PADM 5716 [0.5]   Economic and Community Development in Indigenous Territories
PADM 5717 [0.0]   Course PADM 5717 Not Found
PADM 5718 [0.0]   Course PADM 5718 Not Found
PADM 5719 [0.5]   Indigenous Health and Social Policy
PADM 5772 [0.5]   Policy Seminar (Indigenous Policy and Administration)
PADM 5703 [0.5]   Directed Studies (Indigenous Public Administration)

4. **1.0 credit in:**   1.0

PADM 5908 [1.0]   Research Essay

Note:

Additional credits may be required, as specified on offer of admission.

Total Credits   5.0

Requirements - Thesis pathway (5.5 credits):

1. **2.5 credits in** core courses from: 2.5

PADM 5120 [0.5]   Modern Challenges to Governance

PADM 5121 [0.5]	Policy Analysis: The Practical Art of Change
PADM 5122 [0.5]	Public Management: Principles and Approaches
PADM 5123 [0.5]	Public Management in Practice
PADM 5125 [0.5]	Qualitative Methods for Public Policy
or PADM 5715 [0.5]	Policy Research and Evaluation for Indigenous Policy and Administration
PADM 5126 [0.5]	Quantitative Methods for Public Policy
PADM 5127 [0.5]	Microeconomics for Policy Analysis
PADM 5128 [0.5]	Macroeconomics for Policy Analysis
PADM 5129 [0.5]	Capstone Course

2. **0.5 credit in** approved elective (see School website for details)   0.5
3. **0.5 credit in:**   0.5

PADM 5224 [0.5]	Indigenous Policy

4. **2.0 credits in:**   2.0

PADM 5909 [2.0]	M.P.P.A. Thesis

Note:

Additional credits may be required, as specified on offer of admission.

Total Credits   5.5

New Resources

Summary	1. Close the Graduate Diploma in Indigenous Policy and Administration (Type II and Type III). 2. Close the Master of Public Policy and Administration with Concentration in Indigenous Policy and Administration.
Rationale for change	Enrolment in the GDip program has not been at the levels necessary to continue offering it. Since restarting the diploma in the Summer 2023, we have hired excellent Graduate Administrators and a faculty member took on the Graduate Supervisor role. Recruitment plans were implemented with no impact on enrolment. Unfortunately, the structure and/or content of this program does not resonate with potential students. One of two faculty members who teach in IPA courses has submitted her resignation effective end of Winter 2025. Without the faculty member, we cannot offer the necessary courses to offer the MPPA with Concentration in Indigenous Policy and Administration. In addition, there are not enough students interested in the concentration to offer so many electives.
Transition/Implementation	There are currently 11 students registered in the diploma. Five of those students will graduate after the 2025 Winter term. Three of those students will complete the GDip by completing a Directed Study in Summer 2025 and taking PADM 5224 in Fall 2025 term and one only needs to complete a Directed Study in Summer 2025. There is one student who has lost her student status and another student who will lose her student status in Summer 2025. Both students were contacted several times about the closure and advised on how to complete the program. Neither student responded to these emails. There are currently four MPPA students who have stated an interest in completing the IPA Concentration. Two of those students made the necessary changes to their timetable and will have completed the IPA by the end of Winter 2025. One student has not responded to the emails and can complete the concentration by completing PADM 5224 in the Fall. The last student has not responded to any emails and can complete the concentration by completing a Directed Study in Summer 2025 and PADM 5224 in Fall 2025.
Program reviewer comments	**vandnabhatia (03/03/25 1:43 pm):** Rollback: Please change effective date to 2026-27. **nataliephelan (04/23/25 3:33 pm):** Moved to Future Cycle while 25-26 calendar is published.

Key: 1391

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 07/31/25 9:19 am

Viewing: **HBA-15B : English with Concentration in Drama Studies B.A. Honours**

Last approved: 04/27/21 1:22 pm

Last edit: 07/31/25 9:19 am

Last modified by: judykatz

Changes proposed by: judykatz

In Workflow

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

Approval Path

1. 08/07/25 2:25 pm
   Judy Katz (judykatz):
   Approved for ENGL
   ChairDir UG
2. 08/29/25 2:23 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
3. 10/13/25 2:27 pm
   Pascal Gin (pascalgin):
   Approved for AS FCC
4. 11/07/25 3:42 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Apr 23, 2014 by sandra
2. Apr 24, 2014 by sandra
3. Mar 5, 2015 by Judy Katz
   (judykatz)
4. Jan 5, 2016 by Judy Katz
   (judykatz)
5. Mar 7, 2017 by Judy Katz
   (judykatz)
6. Jan 4, 2018 by Judy Katz
   (judykatz)
7. Feb 21, 2020 by Judy
   Katz (judykatz)

8. Apr 27, 2021 by Judy
Katz (judykatz)

Calendar Pages Using this Program	**English**
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	HBA-15B
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of English
Degree	Bachelor of Arts Honours
Title	English with Concentration in Drama Studies B.A. Honours

Program Requirements

English with Concentration in Drama Studies B.A. Honours (20.0 credits)

A. Credits Included in the Major CGPA (11.0 credits)

1. **1.0 credit from:** 1.0

FYSM 1004 [1.0]	Reading Literatures and Cultures

or

ENGL 1010 [0.5]	Writing Essays about Literature

and one from:

ENGL 1009 [0.5]	Literature in Global Context
ENGL 1100 [0.5]	Literature, Law, and Criminality
ENGL 1200 [0.5]	Literature, Science, and Technology
ENGL 1300 [0.5]	Literature, Psychology, and the Mind
ENGL 1400 [0.5]	Literature, Art, and Culture
ENGL 1600 [0.5]	Literature and Magic
ENGL 1700 [0.5]	Climate Change and the Humanities

2. **2.0 credits in:** 2.0

ENGL 2802 [1.0]	Indigenous and Canadian Literatures
ENGL 3106 [1.0]	Theories and Critical Practices

3. **2.0 credits in:** 2.0

ENGL 2301 [0.5]	Literatures and Cultures 500-1500
ENGL 2302 [0.5]	Literatures and Cultures 1500-1700
ENGL 3500 [0.5]	Literatures and Cultures 1700-1900
ENGL 3501 [0.5]	Literatures and Cultures 1900-Now

4. **1.0 credit in:**   1.0

   ENGL 2920 [0.5]   Topics in Decolonization and Migration I

   ENGL 3930 [0.5]   Topics in Decolonization and Migration II

5. **0.5 credit from:**   0.5

   ENGL 3910 [0.5]   From English Degree to Career

   ENGL 3911 [0.5]   Cultural Studies

6. **0.5 credit from:**   0.5

   ENGL 3305 [0.0]   Course ENGL 3305 Not Found

   ENGL 3306 [0.0]   Course ENGL 3306 Not Found

7. **1.0 credit from:**   1.0

   ENGL 2104 [0.5]   Drama Workshop

   ENGL 3902 [0.5]   Writing Screenplays

   ENGL 3904 [0.5]   Intermediate Drama Workshop

8. **1.0 credit from:**   1.0

   ENGL 2605 [0.5]   Greek and Roman Drama

   ENGL 2609 [0.5]   Drama: Modes and Movements

   ENGL 2709 [0.5]   Indigenous Drama

   ENGL 3609 [0.5]   Drama: Contemporary Performance

   ENGL 4609 [0.5]   Global Stages and Theories

9. **0.5 credit in:**   0.5

   ENGL 4950 [0.5]   Topics in Postcolonial and Diaspora Lit. and Theory

10. **0.5 credit from:**   0.5

   ENGL 3608 [0.5]   Topics in Theatre Management

   ENGL 3905 [0.5]   Topics in Performance

   ENGL 4605 [0.5]   Theatre Production Seminar

11. **1.0 credit in** ENGL at the 4000-level   1.0

B. Credits Not Included in the Major CGPA (9.0 credits)

12. **8.0 credits in** electives not in ENGL   8.0

13. **1.0 credit in** free electives   1.0

Total Credits   20.0

New Resources

Summary	Delete the program.
Rationale for change	The program is underenrolled and many of its courses are staffed by CIs.
Transition/Implementation	We have stopped enrollment in the program. We will enable students already in the DS Concentration to complete it by directing them toward the required courses that we will continue to offer, and by using DARS exceptions to allow substitute courses to count toward program requirements.

Program reviewer
comments

Key: 686

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 07/31/25 9:39 am

Viewing: **M5A : Minor in Drama Studies**

Last approved: 02/17/23 10:54 am

Last edit: 07/31/25 9:39 am

Last modified by: judykatz

Changes proposed by: judykatz

In Workflow

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

Approval Path

1. 08/07/25 2:25 pm
   Judy Katz (judykatz):
   Approved for ENGL
   ChairDir UG
2. 08/29/25 2:23 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
3. 10/13/25 2:28 pm
   Pascal Gin (pascalgin):
   Approved for AS FCC
4. 11/07/25 3:42 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Apr 23, 2014 by sandra
2. Mar 5, 2015 by Judy Katz
   (judykatz)
3. Mar 20, 2015 by sandra
4. Mar 30, 2015 by sandra
5. Mar 16, 2017 by Judy
   Katz (judykatz)
6. May 12, 2017 by Sandra
   Bauer (sandrabauer)
7. Apr 18, 2018 by
   mikelabreque

8. Mar 22, 2019 by Judy
   Katz (judykatz)
9. Feb 10, 2020 by Judy
   Katz (judykatz)
10. Apr 26, 2021 by Judy
    Katz (judykatz)
11. Feb 17, 2023 by Natalie
    Phelan (nataliephelan)

Calendar Pages Using this Program	English
Effective Date	2026-27
Workflow	majormod minormod
Program Code	M5A
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of English
Degree	Not Applicable
Title	Minor in Drama Studies

Program Requirements

Minor in Drama Studies (4.0 credits)

Open to all undergraduate degree students not in English programs.

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

Requirements:

1. **1.0 credit from:**   1.0

FYSM 1004 [1.0]	Reading Literatures and Cultures
or	
ENGL 1010 [0.5]	Writing Essays about Literature
and one from:	
ENGL 1009 [0.5]	Literature in Global Context
ENGL 1100 [0.5]	Literature, Law, and Criminality
ENGL 1200 [0.5]	Literature, Science, and Technology
ENGL 1300 [0.5]	Literature, Psychology, and the Mind
ENGL 1400 [0.5]	Literature, Art, and Culture
ENGL 1600 [0.5]	Literature and Magic
ENGL 1609 [0.5]	Introduction to Drama Studies

ENGL 1700 [0.5]   Climate Change and the Humanities

2. **1.0 credit from:**   1.0

ENGL 2104 [0.5]   Drama Workshop

ENGL 3608 [0.5]   Topics in Theatre Management

ENGL 3902 [0.5]   Writing Screenplays

ENGL 3904 [0.5]   Intermediate Drama Workshop

ENGL 3905 [0.5]   Topics in Performance

ENGL 4605 [0.5]   Theatre Production Seminar

3. **1.0 credit in:**   1.0

ENGL 3305 [0.0]   Course ENGL 3305 Not Found

ENGL 3306 [0.0]   Course ENGL 3306 Not Found

4. **1.0 credit from:**   1.0

ENGL 2605 [0.5]   Greek and Roman Drama

ENGL 2609 [0.5]   Drama: Modes and Movements

ENGL 2709 [0.5]   Indigenous Drama

ENGL 3609 [0.5]   Drama: Contemporary Performance

ENGL 4609 [0.5]   Global Stages and Theories

5. The remaining requirements of the major discipline(s) and degree must be satisfied.

Total Credits   4.0

New Resources

Summary	Delete the Minor
Rationale for change	The program has seen low enrollment levels (under 10 new students per year) since it was first implemented in 2013-14, with no significant upsurges. Many of the courses are staffed by CIs, and these courses are sometimes cancelled because of low enrollment, especially at the upper levels of the program. Few full-time faculty members in English are qualified to staff the program and we foresee no new hires to replace upcoming retirements. We do not anticipate any major impact on the English department's learning outcomes in its other programs. We do not anticipate any major impact on the student experience, since we will continue to try to staff some of the more popular courses as electives taught by faculty members or in some cases CIs if funding can be obtained.
Transition/Implementation	We have stopped enrollment in the program. We will enable students already in the DS Minor to complete it by directing them toward the required courses that we will continue to offer, and by using DARS exceptions to allow substitute courses to count toward program requirements.
Program reviewer comments	

Key: 689

MEMORANDUM

To: Senate Quality Assurance and Planning Committee (SQAPC) for A2s

From: Yasser Hassan, Chair, Department of Civil and Environmental Engineering

CC: Ron Miller, Dean, Faculty of Engineering and Design

Date: September 22, 2025

Subject: Major Modification to [Environmental Engineering - BEng-95]. Track [A2]

__Modification Description__

The Environmental Engineering faculty conducted a comprehensive review of the Environmental Engineering (ENVE) undergraduate program. This review was driven by feedback from ENVE students (formal townhall conducted on Jan 29, 2025, Canadian Engineering Accreditation Board (CEAB), Cyclical Program Review (CPR), and the ENVE Stakeholder Committee. The primary goals were to evaluate course utility, minimize repetition, modernization, and ensure the program equips students for the rapidly evolving profession. Based on the review findings and feedback, a proposed plan was developed that is summarized in the following table.

Modification	Rationale
CHEM 1001 and 1002 will be removed and replaced by CHEM 1101 in Fall of 1st year	This change will align the 1st year ENVE with the 1st year structure of other engineering programs. Consultations with course instructors and a review of their materials have been completed to ensure that that CHEM 1101 adequately covers the content needed for ENVE students.
BIOL 1104 will be removed from the program.	A review of the course content (evolutionary biology and ecology), along with feedback from students, revealed that this course is not well-suited for ENVE students.
CHEM 3800 will be removed from the program.	A review of the course content, along with feedback from students, revealed that this course is better suited for Environmental Science students than for our ENVE Engineering students. Additionally, the relevant content overlaps with content already covered in other courses in the program.
ERTH 2404 will move to Winter of 1st year.	This change will align the 1st year ENVE with the Civil Engineering program and allow more student exposure to ENVE courses in second year. The lack of exposure of ENVE students to ENVE courses in the first two years of the program has been identified as a significant factor reducing students' connecting to the program and affecting student retention and recruitment in ENVE.
MAAE 2400 will be removed from the program.	A review of the course material revealed that not all content is essential for the ENVE program, and the application could be better focused on Environmental Engineering. In addition, the necessary material is already covered and will be further enhanced in ENVE 2001.

Modification	Rationale
ENVE 2001 will be moved to Fall of 2nd year. Lectures will be increased from 2 to 3 hours, while PA sessions will be reduced from 3 to 2 hours per week.	Feedback from students, CEAB, and CPR has indicated that moving ENVE courses earlier in the program can enhance students' connection to the program and improve retention. Extending lecture time will also allow for the inclusion of additional essential thermodynamics (MAAE 2400) content.
ECOR 2050 will be moved to Winter of 2nd year.	This course is currently offered in the Winter of 3rd year, which is too late. Students would benefit from an earlier introduction to statistics, as it is applied in multiple courses, including Water Resources (ENVE 3003) and Engineering and Decision Analysis (ENVE 3105).
ENVE 2300 will replace MAAE 2300.	A review of the course content, along with feedback from students, revealed that MAAE 2300 is not well-suited for CEE students. Offering this course within the department will greatly benefit all students by enhancing their understanding of the content and providing opportunities to practice the civil and environmental applications of fluid mechanics. Additionally, MAAE 2300 has a high DFW rate, and replacing it will help improve student retention.
ENVE 3004 will be moved to Winter of 2nd year, with new code 2100.	A review of the 2001, 3002, and 3004 showed overlap and inefficiencies in distribution of topics between these courses. Best solution is to move 3004 to 2nd year and redistribute some topics between that and 3002. This move will also improve students' connection to the program and should positively affect student retention and recruitment.
CIVE 2004 will be added to the program.	The ENVE Stakeholder Committee noted that our students lack knowledge of surveying and GIS, which are essential for many co-op and junior engineering field positions. The addition of this course addresses this concern and will also enhance experiential learning opportunities for our ENVE students.
ENVE 4104 will be moved to Winter of 3rd year, with new code 3104.	Feedback from students, CEAB, and CPR suggests that taking this course before the capstone project would be beneficial. Additionally, offering this course earlier in the program would better prepare students for their co-op positions, as they have noted.
Engineering and Decision Analysis (ENVE 3105) will be added to the program as ENVE 3105.	Feedback from CEAB highlights the growing importance of incorporating sustainability themes in engineering and design. This course will address these topics along with analytic and critical approaches to environmental decision-making, making it a timely and essential addition to the ENVE program
ENVE 4003 will be moved to Fall of 3rd year, with new code 3100.	Moving this technical course earlier in the program would offer several benefits, including shifting the program's focus on air (unique in Canada) to earlier stages. Additionally, offering this course before ENVE 3002 would allow for an enhanced emphasis on using numerical methods to solve problem related to water, soil, and air, addressing requests from both students and the Stakeholder Committee

Modification	Rationale
ENVE 4200 will become a required course.	Climate Change in Engineering is a timely and essential course for the future careers of ENVE students and a unique offering by Carleton. Currently a fourth-year elective, CEAB feedback has highlighted its critical importance, underscoring the need to make it a required course to ensure all students are exposed to this vital subject.
An additional Technical Eng. Elective will be added to the program.	This will provide students the opportunity and flexibility to take an additional technical elective.
CIVE 4307 will have a new code 3307.	This is a 3rd year course for ENVE and is becoming a required 3rd year course for CIVE as well (replacing CIVE 3407). Therefore, a course code starting with 3 is more suitable.

In the new program structure, one engineering science course (MAAE 2400) and 4 fundamental science courses (BIOL 1104, CHEM 1001, CHEM 1002, and CHEM 3800) are removed. These 5 courses will be replaced by [1] one existing fundamental science course (CHEM 1101), [2] one existing engineering science course (CIVE 2004), [3] one new engineering science course (ENVE 3105), [4] one existing engineering science course will become a required course (ENVE 4200), and [5] one additional engineering elective is added in fourth year to be taken from the current list of allowed electives. One engineering science course (MAAE 2300) will be replaced by a new engineering science course (ENVE 2300). Thus, the program maintains the same number of credits and requires only 2 new courses.

No change in the graduation requirements.

Impact on Other Programs

Department of Chemistry:
The following changes will occur to courses offered by the Department of Chemistry:
- CHEM 1001, CHEM 1002, and 3800 will be removed from the program.
- CHEM 1101 will be added to the program.

The Chemistry department has been informed of these changes and approved. Removal of CHEM 1001, 1002, and 3800 will not affect these courses, as students from other programs are still taking them. The addition of CHEM 1101 to ENVE will increase the class size. Considering ENVE is not a large program, no specific considerations are needed for the class size. The content will be slightly modified by the Chemistry department, but the course objective and description will not change.

Department of Biology:
BIOL 1104 will be removed from the program. The Biology department has been informed of these changes and confirmed that the removal will not affect them.

Department of Earth Sciences:
ERTH 2404 will move from Winter of 2nd year to Winter of 1st year. Remaining in Winter, it will not affect their department, with the exception of a single double cohort year. They have been informed.

Department of Mechanical and Aerospace Engineering:
The following changes will occur to courses offered by the Department of Mechanical and Aerospace Engineering:
- MAAE 2300 and MAAE 2400 will be removed from the program.
- MECH 4403 and SREE 4002 will be removed from the list of engineering technical electives.

Mechanical and Aerospace department has been informed of these changes. They confirmed that the changes will be beneficial and save resources for their department.

Impact on Learning Outcomes and Curriculum Map

- The modification will NOT impact program requirements.
- The modifications will NOT have an impact on the overall learning goals of the program. They will extend the breadth of the program by introducing ENVE 3105 and ENVE 4200 as required courses, thus adding more emphasis on climate change and engineering and improving students' skills in integrated assessments and mitigations for complex problems. Some changes improve the program flow of it (by changing the order/placement of some courses) with the objective of improving students' progression in the program as well as recruitment and retention.

Students

- Student demand and ensuring we provide them with a program that equips them for their profession has been one of the focal points of this program review from the onset until the final stages of it. Comments received over the years from students about their courses were one of the major factors that motivated the ENVE faculty to initiate this review and form the ENVE Curriculum Review Committee.
- As soon as the Committee was formed, they actively asked students for their feedback about their program and experience in general, and all science and engineering courses in detail.
- Directed by the feedback, the Committee conducted a comprehensive review of the program and consulted with all ENVE faculty members (in numerous meetings) to come up with a proposal that would deliver a strong program to the students, while providing them with a positive experience here at Carleton.
- The proposal was then presented to the department's Stakeholder Committee (formed from employers, seasoned alumni, recent graduates, and students on co-op term). This was to receive feedback from environmental engineers with various levels of experience in the industry and ensure that the proposed changes would best prepare students for their future careers.
- The refined proposal was then presented to all ENVE students in a Town Hall meeting (Jan 29, 2025). Students had the opportunity to share their feedback based on their experience at Carleton and co-op jobs.
- The Town Hall was then followed by a Survey that was sent to all students for their additional comments and providing answers to some questions. This also gave the students who could not attend the Town Hall an opportunity to participate in the conversation.

Resources

No additional resources are requested for this change. FED undergoes an annual assignment of TA resources, which corrects for increase or decrease of student enrolment in all FED units.

Governance
No impact due to the proposed changes.

Program Change Request

Date Submitted: 09/26/25 2:06 pm

Viewing: **BENG-95 : Environmental Engineering Bachelor of Engineering**

Last approved: 02/13/25 11:49 am

Last edit: 11/14/25 4:32 pm

Last modified by: angelwagner

<u>Changes proposed by: shoelehshams</u>

In Workflow

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

Approval Path

1. 09/19/25 12:02 pm Heng Khoo (hengkhoo): Rollback to Initiator
2. 10/06/25 11:11 am Heng Khoo (hengkhoo): Approved for CIVE ChairDir UG
3. 10/09/25 10:08 am Samuel Ajila (samuelajila): Approved for ENG Dean
4. 10/17/25 10:07 am Samuel Ajila (samuelajila): Approved for ENG FCC
5. 10/28/25 3:33 pm Samuel Ajila (samuelajila): Approved for ENG FBoard
6. 11/14/25 4:33 pm Angel Wagner (angelwagner): Approved for PRE SCCASP

History

1. Apr 25, 2014 by sandra

2. Jun 23, 2014 by sandra
3. Mar 7, 2017 by Neal Holtz (nealholtz)
4. Jan 24, 2018 by Heng Khoo (hengkhoo)
5. Apr 11, 2018 by Donald Russell (donaldrussell)
6. Apr 25, 2019 by Heng Khoo (hengkhoo)
7. Feb 21, 2020 by Jerome Talim (jerometalim)
8. Apr 20, 2023 by Yasser Hassan (yasserhassan)
9. Apr 25, 2023 by Natalie Phelan (nataliephelan)
10. Feb 13, 2025 by Angel Wagner (angelwagner)

Calendar Pages Using this Program	Engineering
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	BENG-95
Level	Undergraduate
Faculty	Faculty of Engineering and Design
Academic Unit	Department of Civil and Environmental Engineering
Degree	Bachelor of Engineering
Title	Environmental Engineering Bachelor of Engineering

Program Requirements

Environmental Engineering Bachelor of Engineering (21.0 credits)

First year

1. a) 4.5 credits in: 4.5

~~CHEM 1001 [0.5]~~	~~General Chemistry I~~	
~~CHEM 1002 [0.5]~~	~~General Chemistry II~~	
MATH 1004 [0.5]	Calculus for Engineering or Physics	
MATH 1104 [0.5]	Linear Algebra for Engineering or Science	
CHEM 1101 [0.5]	Chemistry for Engineering Students	

ERTH 2404 [0.5]	Engineering Geoscience	
~~MAAE 2300 [0.5]~~	~~Fluid Mechanics I~~	
~~MAAE 2400 [0.5]~~	~~Thermodynamics and Heat Transfer~~	
PHYS 1004 [0.5]	Introductory Electromagnetism and Wave Motion	
ECOR 1031 [0.5]	Programming and Data Management	
ECOR 1032 [0.5]	Circuits and Mechatronics	
ECOR 1033 [0.5]	Statics	
ECOR 1034 [0.5]	Dynamics	

b) The Introduction to Engineering Disciplines requirement must be met through the successful completion of:

ECOR 1055 [0.0]	Introduction to Engineering Disciplines I	
ECOR 1056 [0.0]	Introduction to Engineering Disciplines II	
ECOR 1057 [0.0]	Engineering Profession	

2. 0.5 credit in Complementary Studies Electives   0.5

Second year

3. a) 5.0 credits in: 5.0

MATH 1005 [0.5]	Differential Equations and Infinite Series for Engineering or Physics
MATH 2004 [0.5]	Multivariable Calculus for Engineering or Physics
BIOL 1103 [0.5]	Foundations of Biology I
~~BIOL 1104 [0.5]~~	~~Foundations of Biology II~~
CHEM 2800 [0.5]	Foundations for Environmental Chemistry
ENVE 2001 [0.5]	Foundations of Environmental Engineering
ENVE 2100 [0.0]	Transport and Transformation of Environmental Contaminants
CIVE 2200 [0.5]	Mechanics of Solids I
ENVE 2300 [0.0]	Fluid Mechanics
CIVE 2004 [0.5]	GIS, Surveying, CAD and BIM
ECOR 2050 [0.5]	Design and Analysis of Engineering Experiments

b) Successful completion of

ECOR 2995 [0.0]	Engineering Portfolio (b) Successful completion of)

Third year

4. 5.5 credits in: 5.5

ENVE 3001 [0.5]	Water Treatment Principles and Design
ENVE 3002 [0.5]	Environmental Engineering Systems Modeling
ENVE 3003 [0.5]	Water Resources Engineering
~~ENVE 3004 [0.5]~~	~~Contaminant and Pollutant Transport in the Environment~~
ENVE 3100/4003 [0.0]	Air Quality Engineering
ENVE 3104/4104 [0.0]	Environmental Planning and Impact Assessment
ENVE 3105 [0.0]	Engineering and Decision Analysis
CIVE 2700 [0.5]	Civil Engineering Materials
CIVE 3208 [0.5]	Geotechnical Mechanics
CIVE 4307 [0.5]	Municipal Hydraulics
CCDP 2100 [0.5]	Communication Skills for Engineering Students
~~CHEM 3800 [0.5]~~	~~The Chemistry of Environmental Pollutants~~
ECOR 3800 [0.5]	Engineering Economics

Fourth year

~~5. 3.0 credits in:~~   ~~3.0~~

5. 2.5 credits in: 2.5

ENVE 4005 [0.5]	Wastewater Treatment Principles and Design
ENVE 4006 [0.5]	Contaminant Hydrogeology

ENVE 4101 [0.5]   Waste Management

~~ENVE 4104 [0.5]~~   ~~Environmental Planning and Impact Assessment~~

ENVE 4200 [0.5]   Climate Change and Engineering

ECOR 4995 [0.5]   Professional Practice

~~ENVE 4003 [0.5]~~   ~~Air Pollution and Emissions Control~~

6. **1.0 credit from**   1.0

ENVE 4918 [1.0]   Design Project

OR

ECOR 4907 [1.0]   Multidisciplinary Engineering Project

~~**7. 1.0 credit from:**~~   ~~1.0~~

7. 1.5 credit from: **1.5**

ACSE 3105 [0.5]   Green Building Design

ACSE 3209 [0.5]   Building Science

ACSE 4106 [0.5]   Indoor Environmental Quality

CIVE 3304 [0.5]   Transportation Engineering and Planning

~~CIVE 4208 [0.5]~~   ~~Geotechnical Engineering~~

CIVE 3210 [0.5]   Geotechnical Engineering

CIVE 4301 [0.5]   Foundation Engineering

CIVE 4303 [0.5]   Urban Systems

CIVE 4400 [0.5]   Construction/Project Management

ENVE 4002 [0.5]   Environmental Geotechnical Engineering

ENVE 4907 [1.0]   Engineering Research Project

ENVE 4917 [0.5]   Undergraduate Directed Study

MECH 4401 [0.5]   Power Plant Analysis

~~MECH 4403 [0.5]~~   ~~Power Generation Systems~~

MECH 4406 [0.5]   Heat Transfer

MECH 4407 [0.5]   Heating and Air Conditioning

SREE 3001 [0.5]   Sustainable and Renewable Energy Sources

~~SREE 4002 [0.5]~~   ~~Modelling and Analysis of Energy Systems: Risk, Reliability, and Economics~~

SYSC 3200 [0.5]   Industrial Engineering

8. **0.5 credit in** Complementary Studies Electives   0.5

Total Credits   21.0

New Resources	No New Resources
Summary	CHEM 1001, 1002, 3800, BIOL 1104, MAAE 2300 and 2400 are removed from the program. CHEM 1101, CIVE 2004, ENVE 2300 (new course), ENVE 3105 (new course) are added to the program. ERTH 2404 is moved from 2nd year to 1st year. ECOR 2050 is moved from 3rd year to 2nd year. ENVE 4003 and 4104 are moved from 4th to 3rd year with course codes changing to ENVE 3100 and 3104, respectively. ENVE 3004 is moved from 3rd year to 2nd year with course code changing to ENVE 2100. ENVE 4200 becomes mandatory. An engineering Technical Elective is added to the 4th year. MECH 4403 and SREE 4002 are removed from the list of engineering technical electives. ACSE 3209 is added to the list of engineering technical electives. CIVE 4208 (technical elective) code has changed to CIVE 3210. CIVE 4307 course code changes to 3307.
Rationale for change	To evaluate course utility, minimize repetition, and ensure that Environmental Engineering undergraduate program equips students for the rapidly evolving profession, the Environmental Engineering faculty conducted a comprehensive review of the ENVE program. This review was driven by feedback from ENVE students, CEAB accreditation visitors, CPR reviewers, and the ENVE ENG Stakeholder Committee. Based on the review findings and feedback, this proposed plan was developed and approved with CEE Chair and all faculty members. The

reason for removing MECH 4403 from electives is removing MAAE 2400 from the program, which is a prerequisite for MECH 4403. ACSE 3209 will be an alternative prerequisite (in place of MAAE 2400) for MECH 4407. Therefore, it is added to the list of electives. SREE 4002 has a sizeable overlap with ENVE 3105 and therefore is removed from the list of engineering technical electives (precludes).

Transition/Implementation	This will not affect our current students and their graduation.
Program reviewer comments	**angelwagner (09/18/25 4:41 pm):** Change to major modification as per request from APSI **hengkhoo (09/19/25 12:02 pm):** Rollback: Replace CIVE 4307 with CIVE 3307 **angelwagner (11/14/25 4:32 pm):** Formatting

Key: 840

Associated Minor Modifications- BEng Environmental

Course Code	Course Name	Action (Added, Deleted, Edited)
ENVE 2100	Transport and Transformation of Environmental Contaminants	Added
ENVE 2300	Fluid Mechanics	Added
ENVE 3100/4300	Air Quality Engineering	Added
ENVE 3104/4104	Environmental Planning & Impact Assessment	Added
ENVE 3105	Engineering and Decision Analysis	Added

MEMORANDUM

To: Dr. David Hornsby, Vice-Provost and Associate Vice-President (Academic)
Dr. Hashmat Khan, Associate Vice-President (Academic Programs and Strategic Initiatives)
Vice-President's Academic and Research Committee (VPARC)

From: Prof. Danielle Manley, Director, School of Nursing

CC: Dr. Maria DeRosa, Dean of the Faculty of Science, Faculty of Science
Dr. David Amundsen, Associate Dean Undergraduate Affairs, Faculty of Science
Dr. Ethan Hermer, Professional Programs Officer, Office of the Dean of Science

Date: August 22, 2025

Subject: Major Modification to Bachelor of Science in Nursing Honours and Bachelor of Science in Nursing Major to add "with RN Prescribing" to each degree, Track A1

Modification Description

During the development of the Bachelor of Science in Nursing (B.Sc.N.) Honours and Bachelor of Science in Nursing Major degrees, community and mental health, rural healthcare and Indigenous healthcare partners recommended Carleton University investigates the Government of Ontario's amendment of the Nursing Act (1991) to allow Registered Nurses (RN) to prescribe specific medications and communicate diagnoses for the specific illnesses these medications treated (College of Nurses of Ontario, 2024; Government of Ontario, 2023). Specifically, Dr. Ojistoh Horne, an Indigenous Family Doctor and Faculty member at several higher-education institutions, consulted on the program model. Dr. Horne highlighted that training RNs to prescribe allows expanded healthcare delivery in our most vulnerable patient populations and enables RNs to not only work to their full scope of practice but also frees up Physician and Allied Health members to work to their full scope. Although a general increase in physician time and patient access is important to all sectors of the patient experience in our healthcare system, these efficiencies are needed where physician access is limited or not part of that specific healthcare context.

In response to our community stakeholders, we included the post-graduate competencies in our B.Sc.N. programs (Honours and Major). We then collaborated with the College of Nurses of Ontario (CNO) to meet their accreditation standards for this certification, and we have received preliminary approval for our program at the August 22, 2025, CNO meeting. We will now offer RN prescribing as part of both the B.Sc.N. Honours and B.Sc.N. Major degrees. We are now one of the first universities in Ontario to offer RN prescribing within a bachelors nursing program (University of Windsor recently announced they are also piloting undergraduate RN Prescribing. University of Windsor, 2025). Additionally, these competencies were already built into the program and so all graduates from our undergraduate nursing programs are eligible to obtain this certification. In recognition of this, we are proposing the following name change for the two B.Sc.N. undergraduate degrees (See Appendix 1 for the specific calendar changes):

"Nursing B.Sc.N. Honours" will become "Nursing B.Sc.N. Honours with RN Prescribing"

"Nursing B.Sc.N. Major" will become "Nursing B.Sc.N. Major with RN Prescribing"

Impact on Other Programs

As this is a name change and there are no additional curriculum requirements, there are no impacts on other programs at Carleton University.

Impact on Learning Outcomes and Curriculum Map

As this is a name change and there are no additional curriculum requirements, there are no impacts to the learning outcomes and curriculum map.

Societal Need

Our community and mental health, rural healthcare, and Indigenous healthcare partners specifically asked for the addition of RN prescribing into our B.Sc.N. (Honours and Major). Specifically, Dr. Ojistoh Horne, consulted on the program and highlighted that RN prescribing will allow for expanded healthcare delivery for our most vulnerable patient populations. Furthermore, increasing the scope of RNs aligns with the Government of Ontario's desire to increase the public's access to care in the Ontario health system (Government of Ontario, 2023). The addition of RN prescribing to the B.Sc.N. programs (Honours and Major) increases the number of RN's that can prescribe in Ontario which increases the availability and timeliness of healthcare, reduces redundancies in healthcare education, and increases the marketability of our B.Sc.N. graduates.

Students

Providing students who complete our B.Sc.N. (Honours and Major) program with additional credentials that are not part of the common B.Sc.N. degrees and recognizing it in their degree title will make our students more competitive in the job market due to their increased ability to work within their scope of practice.

Resources

No new resources are required for this change.

Governance

There is no impact on governance with this change.

Tuition

There is no impact to tuition with this change.

August 22, 2025

References

College of Nurses of Ontario. (2024). *FAQs: RN prescribing*. https://www.cno.org/standards-learning/rn-

prescribing/faqs-rn-prescribing#faqs-rn-prescribing-education-are-rns-required-to-complete-

education-before-being-authorized-to-prescribe-medication

Government of Ontario. (2023, November 6). *Ontario Expanding Role of Registered Nurses to Prescribe*

and Administer More Medications. News.Ontario.Ca.

https://news.ontario.ca/en/release/1003760/ontario-expanding-role-of-registered-nurses-to-

prescribe-and-administer-more-medications

Nursing Act, S.O. 1991 § c. 32 (1991). https://www.ontario.ca/laws/statute/91n32

University of Windsor. (2025, June 20). *UWindsor Becomes First in Ontario to Add RN Prescribing to*

Undergrad Nursing Curriculum. https://www.uwindsor.ca/publicaffairs/2025-06-

10/ontario%E2%80%99s-first-undergraduate-rn-prescribing-program-launches-windsor

Appendix 1. Calendar Changes

Nursing
B.Sc.N. Honours with RN Prescribing (20.0 credits)

A. Credits Included in the Major CGPA (14.5 credits)		
1. 7.75 credits in:		7.75
NURS 1000 [0.5]	Indigenous Health	
NURS 1001 [0.5]	Professional Nursing I	
NURS 1002 [0.5]	Human Anatomy and Physiology I	
NURS 1003 [0.5]	Adult Health and Illness I	
NURS 1004 [0.25]	Pharmacology and Medication Management I	
NURS 2000 [0.25]	Community Health	
NURS 2001 [0.5]	Professional Nursing II	
NURS 2002 [0.25]	Human Anatomy and Physiology II	
NURS 2003 [0.5]	Adult Health and Illness II	
NURS 2004 [0.25]	Pharmacology and Medication Management II	
NURS 2011 [0.25]	Health Equity and Social Justice	
NURS 2012 [0.25]	Resilience Training	
NURS 2013 [0.25]	Interpersonal Communication	
NURS 2014 [0.25]	Mental Health	
NURS 2016 [0.25]	Introduction to Health IT	
NURS 3000 [0.25]	Research Methods for Nurses	
NURS 3001 [0.5]	Professional Nursing III	
NURS 3002 [0.25]	Directed Studies - NCLEX	
NURS 3005 [0.5]	Pediatrics and Youth	
NURS 3006 [0.5]	Palliative and End of Life Care	
NURS 3010 [0.25]	Maternal Care	
NURS 3016 [0.25]	Introduction to AI and ML in Healthcare	
2. 1.75 credits in:		1.75
NURS 1100 [0.25]	Experiential Learning - Simulation I	
NURS 2100 [0.25]	Experiential Learning - Simulation II	
NURS 2108 [0.25]	Experiential Learning - Simulation III	
NURS 3100 [0.5]	Experiential Learning - Consolidation Simulation IV	
NURS 3101 [0.5]	Experiential Learning - Consolidation Simulation V	
3. 4.50 credits in:		4.5
NURS 1200 [0.5]	Clinical Practicum – Long-Term Care	
NURS 1201 [0.5]	Clinical Practicum - Chronic Care	
NURS 2200 [0.5]	Clinical Practicum - Mental Health & Obstetrics	
NURS 2201 [0.5]	Clinical Practicum - Acute Care	
NURS 3200 [0.5]	Clinical Practicum - Pediatrics	
NURS 3201 [1.0]	Clinical Practicum - Consolidated Practicum I	
NURS 4200 [1.0]	Clinical Practicum - Consolidated Practicum II	
4. 0.5 credit from:		0.5
NURS 4011 [0.5]	Nursing Research Project	
OR		

August 22, 2025

NURS 4012 [0.25] & **NURS 4112** [0.25]	Nursing Research Proposal Experiential Learning - Improving Nursing	
B. Credits Not Included in the Major CGPA (5.5 credits)		
5. 2.5 credits in:		2.5
HLTH 1001 [0.5]	Principles of Health I	
HLTH 2024 [0.5]	Microbiology and Virology	
PSYC 1001 [0.5]	Introduction to Psychology I	
PSYC 1002 [0.5]	Introduction to Psychology II	
PSYC 2301 [0.5]	Introduction to Health Psychology	
6. 3.0 credits in free electives.		3.0
Total Credits		20.0

Nursing
B.Sc.N. Major with RN Prescribing (20.0 credits)

A. Credits Included in the Major CGPA (14.0 credits)		
1. 7.75 credits in:		7.75
NURS 1000 [0.5]	Indigenous Health	
NURS 1001 [0.5]	Professional Nursing I	
NURS 1002 [0.5]	Human Anatomy and Physiology I	
NURS 1003 [0.5]	Adult Health and Illness I	
NURS 1004 [0.25]	Pharmacology and Medication Management I	
NURS 2000 [0.25]	Community Health	
NURS 2001 [0.5]	Professional Nursing II	
NURS 2002 [0.25]	Human Anatomy and Physiology II	
NURS 2003 [0.5]	Adult Health and Illness II	
NURS 2004 [0.25]	Pharmacology and Medication Management II	
NURS 2011 [0.25]	Health Equity and Social Justice	
NURS 2012 [0.25]	Resilience Training	
NURS 2013 [0.25]	Interpersonal Communication	
NURS 2014 [0.25]	Mental Health	
NURS 2016 [0.25]	Introduction to Health IT	
NURS 3000 [0.25]	Research Methods for Nurses	
NURS 3001 [0.5]	Professional Nursing III	
NURS 3002 [0.25]	Directed Studies - NCLEX	
NURS 3005 [0.5]	Pediatrics and Youth	
NURS 3006 [0.5]	Palliative and End of Life Care	
NURS 3010 [0.25]	Maternal Care	
NURS 3016 [0.25]	Introduction to AI and ML in Healthcare	
2. 1.75 credits in:		1.75
NURS 1100 [0.25]	Experiential Learning - Simulation I	
NURS 2100 [0.25]	Experiential Learning - Simulation II	
NURS 2108 [0.25]	Experiential Learning - Simulation III	
NURS 3100 [0.5]	Experiential Learning - Consolidation Simulation IV	
NURS 3101 [0.5]	Experiential Learning - Consolidation Simulation V	
3. 4.5 credits in:		4.5

August 22, 2025

NURS 1200 [0.5]	Clinical Practicum – Long-Term Care	
NURS 1201 [0.5]	Clinical Practicum - Chronic Care	
NURS 2200 [0.5]	Clinical Practicum - Mental Health & Obstetrics	
NURS 2201 [0.5]	Clinical Practicum - Acute Care	
NURS 3200 [0.5]	Clinical Practicum - Pediatrics	
NURS 3201 [1.0]	Clinical Practicum - Consolidated Practicum I	
NURS 4200 [1.0]	Clinical Practicum - Consolidated Practicum II	
B. Credits Not Included in the Major CGPA (6.0 credits)		
4. 2.5 credits in:		2.5
HLTH 1001 [0.5]	Principles of Health I	
HLTH 2024 [0.5]	Microbiology and Virology	
PSYC 1001 [0.5]	Introduction to Psychology I	
PSYC 1002 [0.5]	Introduction to Psychology II	
PSYC 2301 [0.5]	Introduction to Health Psychology	
5. 3.5 credits in free electives (may include NURS 4012 & NURS 4112)		3.5
Total Credits		20.0

Admissions Information

Admission requirements are based on the Ontario High School System. Prospective students can view the admission requirements through the Admissions website at admissions.carleton.ca. The overall average required for admission is determined each year on a program-by-program basis. Holding the minimum admission requirements only establishes eligibility for consideration; higher averages are required for admission to programs for which the demand for places by qualified applicants exceeds the number of places available. All programs have limited enrolment and admission is not guaranteed. Some programs may also require specific course prerequisites and prerequisite averages and/or supplementary admission portfolios. Consult admissions.carleton.ca for further details.

Note: If a course is listed as *recommended*, it is not mandatory for admission. Students who do not follow the recommendations will not be disadvantaged in the admission process.

Degree

- Bachelor of Science in Nursing(B.Sc.N.) (Honours) **with RN Prescribing**
- Bachelor of Science in Nursing (B.Sc.N.) **with RN Prescribing**

Admission Requirements

First Year

Bachelor of Science in Nursing (B.Sc.N.) (Honours) with RN Prescribing
The Ontario Secondary School Diploma (OSSD) or equivalent including a minimum of six 4U or M courses. The six 4U or M courses must include English, Advanced Functions, Biology, and Chemistry.

August 22, 2025

Applicants will also be asked to complete a supplementary application that will assist in the evaluation of their suitability for the program. Detailed information about the supplementary application can be found at admissions.carleton.ca.

Bachelor of Science in Nursing (B.Sc.N.) with RN Prescribing
No direct entry; access is restricted.

Program Change Request

Date Submitted: 09/30/25 2:27 pm

Viewing: **BSNH-RN : Nursing B.Sc.N.** <u>**Honours with RN Prescribing**</u> ~~Honours~~

Last approved: 07/22/25 10:55 am

Last edit: 10/30/25 4:21 pm

Last modified by: angelwagner

<u>Changes proposed by: katiemccarlie</u>

In Workflow

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

Approval Path

1. 10/01/25 2:05 pm
   Danielle Manley
   (DanielleManley):
   Approved for NURS
   ChairDir UG
2. 10/01/25 3:20 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 10/30/25 2:40 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FCC
4. 11/11/25 10:55 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FBoard

History

1. Sep 18, 2024 by Natalie
   Phelan (nataliephelan)
2. Apr 24, 2025 by Ethan
   Hermer (ethanhermer)
3. Jul 22, 2025 by Angel
   Wagner (angelwagner)
4. Jul 22, 2025 by Angel
   Wagner (angelwagner)

Calendar Pages Using this Program	Nursing

Effective Date	2025-26
Workflow	majormod ~~minormod~~
Program Code	BSNH-RN
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Nursing
Degree	
Title	Nursing B.Sc.N. Honours with RN Prescribing ~~Honours~~

Program Requirements

Nursing
B.Sc.N. Honours (20.0 credits)

A. Credits Included in the Major CGPA (14.5 credits)

~~1. 7.75 credits in:~~		~~7.75~~
1. 8.5 credits in:		**8.5**
NURS 1000 [0.5]	Indigenous Health	
NURS 1001 [0.5]	Professional Nursing I	
NURS 1002 [0.5]	Human Anatomy and Physiology I	
NURS 1003 [0.5]	Adult Health and Illness I	
NURS 1004 [0.25]	Pharmacology and Medication Management I	
NURS 2000 [0.25]	Community Health	
NURS 2001 [0.5]	Professional Nursing II	
NURS 2002 [0.25]	Human Anatomy and Physiology II	
NURS 2003 [0.5]	Adult Health and Illness II	
NURS 2004 [0.25]	Pharmacology and Medication Management II	
NURS 2011 [0.25]	Health Equity and Social Justice	
NURS 2012 [0.25]	Resilience Training	
NURS 2013 [0.25]	Interpersonal Communication	
NURS 2014 [0.25]	Mental Health	
NURS 2016 [0.25]	Introduction to Health IT	
NURS 3000 [0.25]	Research Methods for Nurses	
NURS 3001 [0.5]	Professional Nursing III	
NURS 3002 [0.25]	Directed Studies - NCLEX	
NURS 3005 [0.5]	Pediatrics and Youth	
NURS 3006 [0.5]	Palliative and End of Life Care	

NURS 3010 [0.25]	Maternal Care	
NURS 3016 [0.25]	Introduction to AI and ML in Healthcare	
2. 1.75 credits in:		1.75
2. 2.0 credits in:		**2.0**
NURS 1100 [0.25]	Experiential Learning - Simulation I	
NURS 2100 [0.25]	Experiential Learning - Simulation II	
NURS 2108 [0.25]	Experiential Learning - Simulation III	
NURS 3100 [0.5]	Experiential Learning - Consolidation Simulation IV	
NURS 3101 [0.5]	Experiential Learning - Consolidation Simulation V	
3. 4.50 credits in:		4.5
3. 3.5 credits in:		**3.5**
NURS 1200 [0.5]	Clinical Practicum – Long-Term Care	
NURS 1201 [0.5]	Clinical Practicum - Chronic Care	
NURS 2200 [0.5]	Clinical Practicum - Mental Health & Obstetrics	
NURS 2201 [0.5]	Clinical Practicum - Acute Care	
NURS 3200 [0.5]	Clinical Practicum - Pediatrics	
NURS 3201 [1.0]	Clinical Practicum - Consolidated Practicum I	
NURS 4200 [1.0]	Clinical Practicum - Consolidated Practicum II	
4. 0.5 credit from:		0.5
NURS 4011 [0.5]	Nursing Research Project	
OR		
NURS 4012 [0.25]	Nursing Research Proposal	
& NURS 4112 [0.25]	Experiential Learning - Improving Nursing	

B. Credits Not Included in the Major CGPA (5.5 credits)

5. 2.5 credits in:		2.5
HLTH 1001 [0.5]	Principles of Health I	
HLTH 1000 [0.5]	Fundamentals of Health	
HLTH 2024 [0.5]	Microbiology and Virology	
PSYC 1001 [0.5]	Introduction to Psychology I	
PSYC 1002 [0.5]	Introduction to Psychology II	
PSYC 2301 [0.5]	Introduction to Health Psychology	
6. 3.0 credits in free electives.		3.0
Total Credits		20.0

New Resources	No New Resources
Summary	Added with RN Prescribing per additional accreditation
Rationale for change	Required for accreditation changes with the College of Nurses Ontario
Transition/Implementation	backdated for all transcripts as students just entering degree program 202530 and all students are in same major
Program reviewer comments	**angelwagner (10/01/25 5:38 pm):** Change requested by K. Lucas. "We met with Health earlier today (Martin, Jorge, and Edana) and decided that based on their course offerings, it is more appropriate for NURS students to take HLTH 1000 instead of HLTH 1001. We went into the Courseleaf Program Management system but were unable to make any further changes (possibly because we already submitted a Program name change)." **angelwagner (10/30/25 4:11 pm):** Editorial: credit value in headers updated to reflect course changes.

Program Change Request

Date Submitted: 09/30/25 2:39 pm

Viewing: **BSNM-RN : Nursing B.Sc.N.** <u>Major with RN Prescribing</u> ~~Major~~

Last approved: 04/24/25 3:07 pm

Last edit: 10/30/25 4:21 pm

Last modified by: angelwagner

<u>Changes proposed by: katiemccarlie</u>

In Workflow

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

Approval Path

1. 10/01/25 2:05 pm
   Danielle Manley
   (DanielleManley):
   Approved for NURS
   ChairDir UG
2. 10/01/25 3:20 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 10/30/25 2:40 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FCC
4. 11/11/25 10:55 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FBoard

History

1. Sep 18, 2024 by Natalie
   Phelan (nataliephelan)
2. Apr 24, 2025 by Ethan
   Hermer (ethanhermer)

Calendar Pages Using this Program	Nursing
Effective Date	2025-26

Workflow	majormod ~~minormod~~
Program Code	BSNM-RN
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Nursing
Degree	
Title	Nursing B.Sc.N. Major with RN Prescribing ~~Major~~

Program Requirements

Nursing
B.Sc.N. Major (20.0 credits)

A. Credits Included in the Major CGPA (14.0 credits)

~~1. 7.75 credits in:~~		~~7.75~~
1. 8.5 credits in:		**8.5**
NURS 1000 [0.5]	Indigenous Health	
NURS 1001 [0.5]	Professional Nursing I	
NURS 1002 [0.5]	Human Anatomy and Physiology I	
NURS 1003 [0.5]	Adult Health and Illness I	
NURS 1004 [0.25]	Pharmacology and Medication Management I	
NURS 2000 [0.25]	Community Health	
NURS 2001 [0.5]	Professional Nursing II	
NURS 2002 [0.25]	Human Anatomy and Physiology II	
NURS 2003 [0.5]	Adult Health and Illness II	
NURS 2004 [0.25]	Pharmacology and Medication Management II	
NURS 2011 [0.25]	Health Equity and Social Justice	
NURS 2012 [0.25]	Resilience Training	
NURS 2013 [0.25]	Interpersonal Communication	
NURS 2014 [0.25]	Mental Health	
NURS 2016 [0.25]	Introduction to Health IT	
NURS 3000 [0.25]	Research Methods for Nurses	
NURS 3001 [0.5]	Professional Nursing III	
NURS 3002 [0.25]	Directed Studies - NCLEX	
NURS 3005 [0.5]	Pediatrics and Youth	
NURS 3006 [0.5]	Palliative and End of Life Care	
NURS 3010 [0.25]	Maternal Care	
NURS 3016 [0.25]	Introduction to AI and ML in Healthcare	
~~2. 1.75 credits in:~~		~~1.75~~
2. 2.0 credits in:		**2.0**

NURS 1100 [0.25]	Experiential Learning - Simulation I	
NURS 2100 [0.25]	Experiential Learning - Simulation II	
NURS 2108 [0.25]	Experiential Learning - Simulation III	
NURS 3100 [0.5]	Experiential Learning - Consolidation Simulation IV	
NURS 3101 [0.5]	Experiential Learning - Consolidation Simulation V	

3. 4.5 credits in: 4.5

3. 3.5 credits in: 3.5

NURS 1200 [0.5]	Clinical Practicum – Long-Term Care
NURS 1201 [0.5]	Clinical Practicum - Chronic Care
NURS 2200 [0.5]	Clinical Practicum - Mental Health & Obstetrics
NURS 2201 [0.5]	Clinical Practicum - Acute Care
NURS 3200 [0.5]	Clinical Practicum - Pediatrics
NURS 3201 [1.0]	Clinical Practicum - Consolidated Practicum I
NURS 4200 [1.0]	Clinical Practicum - Consolidated Practicum II

B. Credits Not Included in the Major CGPA (6.0 credits)

4. 2.5 credits in: 2.5

HLTH 1001 [0.5]	Principles of Health I
HLTH 1000 [0.5]	Fundamentals of Health
HLTH 2024 [0.5]	Microbiology and Virology
PSYC 1001 [0.5]	Introduction to Psychology I
PSYC 1002 [0.5]	Introduction to Psychology II
PSYC 2301 [0.5]	Introduction to Health Psychology

5. 3.5 credits in free electives (may include NURS 4012 & NURS 4112)   3.5

Total Credits   20.0

New Resources	No New Resources
Summary	Added RN Prescribing per additional accreditation
Rationale for change	Required for accreditation changes with the College of Nurses Ontario
Transition/Implementation	backdated for all transcripts as students just entering degree program 202530 and all students are in the same major

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Program reviewer comments	**angelwagner (10/01/25 5:38 pm):** Change requested by K. Lucas. "We met with Health earlier today (Martin, Jorge, and Edana) and decided that based on their course offerings, it is more appropriate for NURS students to take HLTH 1000 instead of HLTH 1001. We went into the Courseleaf Program Management system but were unable to make any further changes (possibly because we already submitted a Program name change)." **angelwagner (10/30/25 4:21 pm):** Editorial: credit value in headers updated to reflect course changes.

Key: 2254

MEMORANDUM

To: Senate Quality Assurance and Planning Committee (SQAPC)

From: Daniel Stolarski, Associate Chair of Graduate Studies, Department of Physics

CC: Maria DeRosa and Matthias Neufang, Office of the Dean of Science

Date: August 21, 2025

Subject: Major Modification to Physics PhD. Track A2.

Modification Description

We intend to add a new pathway to the PhD program that would allow direct entry for students with a Bachelor's degree (who have not done a Master's). There are two main purposes: the first is to identify and recruit outstanding students who have shown tremendous aptitude in research and know they want to do a PhD. The second is to 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, physics students go from a Bachelor's program to a PhD in the normal course, and therefore if we require an MSc for entry into our PhD program, we cannot recruit those students.

This program will only admit students with exceptional academic records (minimum GPA 10.0) and a demonstrated track record of research aptitude in physics.

The course of the pathway will depend on the student's specialty. Students in the particle physics stream will be required to complete 4.0 credits (8 courses) of graduate-level physics courses. This is 1 course less than students who go through the current pathway of finishing an MSc and then a PhD. It is the same number of courses as students who "fast-track" from the MSc to PhD take across both programs. Students in the medical physics stream will be required to complete 3.0 credits of graduate-level courses.

Both streams will have a specific set of courses that must be completed either in a previous degree or as part of the required credits of this degree. Particle physics will require:
- o PHYS 5002 Statistical Data Analysis Techniques for Physics
- o PHYS 5601 Experimental Techniques of Nuclear and Elementary Particle Physics
- o PHYS 5602 Physics of Elementary Particles
- o PHYS 5701 Intermediate Quantum Mechanics with Applications
- o PHYS 5702 Relativistic Quantum Mechanics
- o PHYS 6601 Particle Physics Phenomenology
- o PHYS 6602 Advanced Topics in Particle Physics
- o One additional graduate-level course

While medical physics will require:
- o PHYS 5203 Medical Radiation
- o PHYS 5204 Physics of Medical Imaging

- PHYS 5206 Medical Radiotherapy Physics
- PHYS 5207 Radiobiology
- PHYS 5208 Radiation Protection
- PHYS 5209 Medical Physics Practice Measurements
- PHYS 5211 (a 0.0 credit course) Anatomy and Physiology for Medical Physicists

Note that this new pathway will not replace the current ones, but will provide a new possible path towards a PhD.

Impact on Other Programs

This pathway will not substantively impact other programs. If this program increases overall enrollment, there may be more students in some graduate courses that students in those programs take. A small number of exceptional students who previously would have gone to the MSc program will go into this pathway.

Impact on Learning Outcomes and Curriculum Map

The learning outcomes for the program will not change. The new requirements described above include similar requirements to students who go through the MSc and then PhD.

Students

As graduate chair, I have received many enquiries about entry into the PhD program from international students who do not have an MSc degree. This program would provide an opportunity to recruit more international students who, otherwise, would not be considered due to the elevated fees associated with international Master's students. This program should also help us attract and retain top domestic applicants by removing the extra burden of needing to first enroll in a Master's degree and either fast-track into the PhD or complete their thesis and then enroll in the PhD.

Resources

There are no additional resources required. Our department currently has more capacity for graduate students than we have high-quality applicants, so this new pathway 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. Our program is part of a joint institute with the University of Ottawa, and they may also introduce a direct entry pathway. The governance of the joint institute does not require identical programs.

Program Change Request

New Program Proposal

Date Submitted: 09/16/25 9:56 am

Viewing: **PHD-9DE : Ph.D. Physics Direct Entry**

Last edit: 11/18/25 10:33 am

Last modified by: nataliephelan

Changes proposed by: danielstolarski

In Workflow

1. **PHYS ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. **SQAPC**
8. Senate
9. CalEditor

Approval Path

1. 09/16/25 9:58 am
   Daniel Stolarski
   (danielstolarski):
   Approved for PHYS
   ChairDir GR
2. 09/17/25 2:46 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 09/23/25 2:05 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 11/11/25 11:08 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
5. 11/14/25 4:39 pm
   Angel Wagner
   (angelwagner): Approved
   for PRE SCCASP
6. 11/18/25 3:59 pm
   Caitlin MacGregor
   (caitlinmacgregor):
   Approved for SCCASP

Effective Date	2026-27
Workflow	majormod
Program Code	PHD-9DE
Level	Graduate

Faculty	Faculty of Science
Academic Unit	Department of Physics
Degree	
Title	Ph.D. Physics Direct Entry

Program Requirements

Ph.D. Physics Direct Entry (4.0 credits)

The Direct Entry Ph.D. Physics admits students with an honours bachelor's degree; please refer to the Admission section for further information. Students must specialize in either Medical Physics or Particle Physics.

Requirements (Medical Physics):

1. 4.0 credits in graduate courses, which must include: 4.0

PHYS 5002 [0.5]	Statistical Data Analysis Techniques for Physics	
PHYS 5203 [0.5]	Medical Radiation Physics	
PHYS 5204 [0.5]	Physics of Medical Imaging	
PHYS 5206 [0.5]	Medical Radiotherapy Physics	
PHYS 5207 [0.5]	Radiobiology	
PHYS 5208 [0.5]	Radiation Protection	
PHYS 5209 [0.5]	Medical Physics Practical Measurements	
PHYS 5211 [0.0]	Anatomy, Physiology and Ethics for Medical Physicists	

2. Comprehensive examination designed to demonstrate overall ability in physics and in the candidate's research area, normally within the first year of study. This takes the form of a written examination followed, if necessary, by an oral examination.

3. Participation in the seminar series of the Ottawa-Carleton Institute for Physics.

4. 0.0 credits in:

PHYS 6909 [0.0]	Ph.D. Thesis	

Total Credits	4.0

Requirements (Particle Physics):

1. 4.0 credits in graduate courses, which must include: 4.0

PHYS 5002 [0.5]	Statistical Data Analysis Techniques for Physics	
PHYS 5601 [0.5]	Experimental Techniques of Nuclear and Elementary Particle Physics	
PHYS 5602 [0.5]	Physics of Elementary Particles	
PHYS 5701 [0.5]	Intermediate Quantum Mechanics with Applications	
PHYS 5702 [0.5]	Relativistic Quantum Mechanics	
PHYS 6601 [0.5]	Particle Physics Phenomenology	
PHYS 6602 [0.5]	Advanced Topics in Particle Physics	
and an additional 0.5 credit in Physics at the graduate level		

2. Comprehensive examination designed to demonstrate overall ability in physics and in the candidate's research area, normally within the first year of study. This takes the form of a written examination followed, if necessary, by an oral examination.

3. Participation in the seminar series of the Ottawa-Carleton Institute of Physics.

4. 0.0 credits in:

PHYS 6909 [0.0]   Ph.D. Thesis

Total Credits   4.0

Notes

1. Equivalent courses completed in a previous degree may be accepted towards the requirements in Item 1, at the discretion of the department.
2. Students in Medical Physics may be required to complete one or more of PHYS 5204, PHYS 5206, or PHYS 5207 as preparation for their thesis research, irrespective of courses taken previously at another institution.

New Resources	No New Resources
Summary	A new pathway to the PhD that would allow direct entry for students with a Bachelor's degree (who have not done a Master's).
Rationale	There are two main purposes: the first is to identify and recruit outstanding students who have shown tremendous aptitude in research and know they want to do a PhD. The second is to 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, physics students go from a Bachelor's program to a PhD in the normal course, and therefore if we require an MSc for entry into our PhD program, we cannot recruit those students.
Transition/Implementation	N/A
Program reviewer comments	**nataliephelan (11/18/25 10:33 am):** Discussed at SCCASP on Nov 18 2025. Requested adding a line to item 1 of Particle Physics PhD to make it clear that 0.5 credit is an elective in addition to the 3.5 required credits. Also removed the parenthetical from PHYS 6909 as this is superfluous to the calendar - this change will be duplicated throughout.

Key: 2334

Program Change Request

Date Submitted: 09/15/25 3:59 pm

Viewing: **TBD-1700 : R-GR-ADMREQT-Physics PhD**

Last approved: 05/08/17 12:31 am

Last edit: 09/15/25 3:59 pm

Last modified by: danielstolarski

Changes proposed by: danielstolarski

In Workflow

1. **PHYS ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 09/15/25 4:21 pm
   Daniel Stolarski
   (danielstolarski):
   Approved for PHYS
   ChairDir GR
2. 09/17/25 2:47 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 09/23/25 2:06 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 11/11/25 11:09 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard

History

1. May 7, 2017 by Sandra
   Bauer (sandrabauer)
2. May 7, 2017 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program	Physics
Effective Date	2026-27
Workflow	majormod ~~minormod~~

Program Code	TBD-1700
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Department of Physics
Degree	
Title	R-GR-ADMREQT-Physics PhD

Program Requirements

Admission

An M.Sc. in Physics or a closely related field is normally required for admission into the Ph.D. program.

Students who have been admitted to the M.Sc. program may be permitted to transfer into the Ph.D. program if they demonstrate academic abilities for advanced research in their field.

Direct Entry from Bachelor's Degree

Exceptional undergraduate students holding an honours B.Sc. in Physics or a closely related field, with a minimum A- average and significant research experience, may be considered for the Direct Entry Ph.D. program.

~~In exceptional cases, an outstanding student who has completed the honoursB.Sc.will beconsidered.~~

New Resources	No New Resources
Summary	Associated with major mod PHD-9DE. Admission regulation for direct entry from bachelor to PhD.
Rationale for change	The direct entry pathway is intended for exceptional students since they will be bypassing the MSc. Therefore the admissions requirements are more stringent than that of any other program in physics.
Transition/Implementation	This is a new pathway so not transition is necessary.
Program reviewer comments	

Key: 1700

Course Change Request

A deleted record cannot be edited

Course Delete Proposal

Date Submitted: 10/17/25 8:58 am

Viewing: **CDNS 5800 : Internship/Practicum**

Last approved: 03/12/19 3:20 am

Last edit: 10/17/25 8:58 am

Changes proposed by: nataliephelan

Calendar Pages referencing this course	Canadian Studies Canadian Studies (CDNS)

In Workflow

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

Approval Path

1. 10/17/25 3:17 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
2. 10/27/25 12:37 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
3. 10/29/25 1:58 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
4. 11/07/25 3:27 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Jun 23, 2017 by
   anshulsingh
2. Jan 23, 2018 by
   mikelabreque
3. Mar 12, 2019 by
   mikelabreque

Effective Date	2026-27
Workflow	majormod ~~minormod~~

Level	Graduate
Course Code	CDNS
Course Number	5800
Title	Internship/Practicum
Title (short)	Internship/Practicum
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Canadian Studies
Credit Value	1.0
Special/Selected Topics	
Significant Experiential Learning	Internships
Course Description	Internships or practicum placements are set in an institutional setting outside of the University. Students in the research essay option are restricted to a maximum of 0.5 credits in an Internship/Practicum. Students must complete a formal written paper in addition to their internship/practicum activities.
Prerequisite(s)	completion of one full credit of coursework in Canadian Studies and prior approval of the School of Indigenous and Canadian Studies. For students in the coursework option only.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	
Grade Mode	Standard Letter Grade
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	Yes
Summary	Deletion of 1.0 credit practicum.
Rationale for deactivation	The School does not foresee being able to offer the 1.0 credit practicum; the 0.5 credit practicum remains on the books. Additionally, changes to the Canadian Studies MA curriculum mean that completing a full credit practicum would account for 25% of the MA credits.

Course reviewer comments

Key: 1526

Course Change Request

Date Submitted: 10/17/25 10:36 am

Viewing: **CDNS 5909 : M.A. Thesis**

Last approved: 03/12/19 3:10 am

Last edit: 10/17/25 10:35 am

Changes proposed by: nataliephelan

Calendar Pages referencing this course	Canadian Studies Canadian Studies (CDNS)
Programs referencing this course	M.A. Canadian Studies with Concentration in Heritage Planning and Studies M.A. Canadian Studies M.A. Canadian Studies with Collaborative Specialization in Digital Humanities

In Workflow

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

Approval Path

1. 10/17/25 3:18 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
2. 10/27/25 12:38 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
3. 10/29/25 1:58 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
4. 11/07/25 3:27 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Mar 12, 2019 by
   mikelabreque

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Level	Graduate
Course Code	CDNS
Course Number	5909

Title	M.A. Thesis
Title (short)	M.A. Thesis

Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Canadian Studies
Credit Value	<u>1.50</u> ~~2.0~~
Special/Selected Topics	<u>Not Applicable</u>
Significant Experiential Learning	Applied Research Project
Course Description	Approval of the Thesis Proposal is required prior to registration in this course.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

Grade Mode	Thesis/Dissertation
Schedule Type	*Masters Thesis
	*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	Change the credit value of the MA thesis.
Rationale for change	The MA in Canadian Studies is being changed from a 5.0 credit degree to 4.0 credits. In order for students to benefit from the School's formal academic seminars, credits are being rebalanced across the various degree requirements. Changing the credits associated with the thesis to 1.5 sets the thesis at under half of the total credits for the program, thus affording students the opportunity to enrich their studies with seminar-based learning. This change will apply to students admitted from fall 2026 and beyond as it forms part of the School's curriculum overhaul for the 26-27 calendar.

Course reviewer comments	

Key: 1535

Preview Bridge

Program Change Request

Date Submitted: 10/17/25 9:09 am

Viewing: **TBD-1158 : R-GR-ADMREQT-Canadian Studies MA**

Last approved: 02/05/24 10:55 am

Last edit: 10/17/25 9:09 am

Last modified by: nataliephelan

Changes proposed by: nataliephelan

In Workflow

1. **CANS 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. 10/24/25 12:36 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
2. 10/27/25 12:38 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
3. 10/29/25 1:58 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
4. 11/07/25 3:28 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Jun 8, 2015 by Sandra
   Bauer (sandrabauer)
2. Jun 8, 2015 by Sandra
   Bauer (sandrabauer)
3. Jun 11, 2015 by Sandra
   Bauer (sandrabauer)
4. Mar 17, 2017 by Donna
   Malone (donnamalone)
5. May 1, 2017 by Sandra
   Bauer (sandrabauer)
6. May 1, 2017 by Sandra
   Bauer (sandrabauer)
7. May 1, 2017 by Sandra
   Bauer (sandrabauer)

8. May 1, 2017 by Sandra
   Bauer (sandrabauer)
9. Feb 12, 2020 by Donna
   Malone (donnamalone)
10. Jan 26, 2023 by Sandra
    Bauer (sandrabauer)
11. Feb 5, 2024 by Sandra
    Bauer (sandrabauer)

Calendar Pages Using this Program	**Canadian Studies**
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1158
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Canadian Studies
Degree	
Title	R-GR-ADMREQT-Canadian Studies MA

Program Requirements

Admission

Applicants to the M.A. Canadian Studies are required to hold a B.A. Honours (or the equivalent), with at least high honours standing.

~~Accelerated Pathway The Accelerated Pathway into theM.A.in Canadian Studies is a flexible and individualized plan of study for students in their final year of aB.A.Honours in Canadian Studies or aB.A.Indigenous Studies CombinedHonours.Students intending to pursue anM.A.in Canadian Studies at Carleton may take up to 1.0 credit at the 5000 level in their final year of undergraduate study and receive advanced standing in theM.A.program with those credits transferred to the graduate program, thereby reducing their time to completion of theM.A.Students in their third-year of study in these undergraduate degree programs should seek permission from the School of Canadian Studies to determine if the Accelerated Pathway is appropriate for them and to discuss their selection of courses for their final year of undergraduate studies. Accelerated Pathway RequirementsMinimum overall CGPA of A- at the end of the third year of undergraduate studiesGrade of at least B+ in the 1.0 of 5000-level CDNS courses taken in the fourth year of undergraduatestudies.~~**Qualifying Year**

Applicants who do not qualify for direct admission to the master's program may, in exceptional cases, be admitted to a qualifying-year program. However, admission to the qualifying-year program does not imply automatic admission to the master's program. At the end of the qualifying-year program the student will be required to apply for entry into the master's program, at which time the School will determine the student's eligibility to enter the program.

Proficiency in English

Proficiency in English is necessary to pursue graduate studies at Carleton University. All applicants whose first language is not English must satisfy this requirement by presenting a TOEFL score of 600 or higher.

New Resources	No New Resources
Summary	Closing the accelerated pathway for admission into the MA.
Rationale for change	The Canadian Studies graduate curriculum is undergoing a number of changes, including reducing the number of credits for the MA to 4.0. As a result, the School would like its students to complete all of the MA credits within the context of the graduate degree.
Transition/Implementation	N/A
Program reviewer comments	

Key: 1158

Program Change Request

Date Submitted: 08/28/25 10:25 am

Viewing: **MA-11 : M.A. Canadian Studies**

Last approved: 01/26/23 2:57 pm

Last edit: 10/22/25 9:14 am

Last modified by: nataliephelan

Changes proposed by: kristinguth

In Workflow

1. **CANS ChairDir GR**
2. **AS GFCC**
3. **AS FBoard**
4. **PRE SCCASP**
5. SCCASP
6. CalEditor

Approval Path

1. 08/28/25 12:15 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
2. 10/17/25 8:48 am
   Natalie Phelan
   (nataliephelan): Rollback
   to CANS ChairDir GR for
   AS GFCC
3. 10/17/25 3:18 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
4. 10/29/25 1:58 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
5. 11/07/25 3:25 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Jun 25, 2014 by sandra
2. May 1, 2017 by Sandra
   Bauer (sandrabauer)
3. May 1, 2017 by Sandra
   Bauer (sandrabauer)
4. Jan 17, 2018 by Donna
   Malone (donnamalone)
5. Feb 23, 2018 by
   mikelabreque
6. Apr 17, 2019 by
   mikelabreque

Calendar Pages Using this Program	Canadian Studies

Effective Date	2026-27
Workflow	minormod ~~majormod~~
Program Code	MA-11
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Canadian Studies
Degree	Master of Arts
Title	M.A. Canadian Studies

Program Requirements

M.A. Canadian Studies (4.0 credits)

Requirements - coursework pathway (4.0 credits)

1.	**0.5 credit in:**		0.5
	CDNS 5001 [0.5]	M.A. Core Seminar: Conceptualizing Canada	
	~~2. 4.5 credits in additional coursework chosen from available elective courses. Subject to the approval of the Graduate Supervisor, 1.0 credit may be taken outside the program in a related discipline.~~		~~4.5~~
	2. 3.5 credits in additional coursework, which may include up to 1.5 credits taken outside the program with approval of the graduate supervisor. See Note below.		3.5
Total Credits			4.0

Requirements - research essay pathway (4.0 credits)

1.	**1.0 credit in** M.A. Research Essay		1.0
	CDNS 5908 [1.0]	Research Essay	
2.	**0.5 credit in:**		0.5
	CDNS 5001 [0.5]	M.A. Core Seminar: Conceptualizing Canada	
	~~3. 3.5 credits in additional coursework chosen from available elective courses. Subject to the approval of the Graduate Supervisor, 1.0 credit may be taken outside the program in a related discipline.~~		~~3.5~~
	3. 2.5 credits in additional coursework, which may include up to 1.0 credit taken outside the program with approval of the graduate supervisor. See Note below.		2.5
Total Credits			4.0

Requirements - thesis pathway (4.0 credits)

1.	**1.5 credits in** M.A. Thesis		1.5
	CDNS 5909 [2.0]	M.A. Thesis	

2. **0.5 credit in:**	0.5
~~CDNS 5001~~ [0.5] M.A. Core Seminar: Conceptualizing Canada	
~~3. 2.5 credits in additional coursework chosen from available elective courses. Subject to the approval of the Graduate Supervisor, 1.0 credit may be taken outside the program in a related discipline.~~	~~2.5~~
3. 2.0 credits in additional coursework, which may include up to 0.5 credit taken outside the program with approval of the graduate supervisor. See Note below.	2.0
Total Credits	4.0

NOTE: all pathways are limited to 0.5 credit in CDNS 5801 Internship/Practicum. The coursework and research essay pathways are limited to 0.5 credit in CDNS 5901 Directed Studies. The thesis pathway does not allow for CDNS 5901 Directed Studies. ~~Canadian Studies (5.0 credits)~~

Thesis/Research Essay Proposal
At the time of declaring their option, thesis/research essay students are encouraged to declare a preliminary topic and tentative list of potential supervisors. Thesis/research essay students must submit a research proposal to the School that has been approved by their thesis/research essay supervisor prior to registering in CDNS 5908 [1.0] or CDNS 5909 [2.0].

~~NOTE:Students in the thesis or research essay option are restricted to a maximum of 0.5 credit in a Directed Studies course (CDNS 5901 [0.5]).~~

New Resources	No New Resources
Summary	Proposed Changes to Canadian Studies MA (course-based option):
	1. Reduce total credits from 5.0 to 4.0 credits.
	2. Reduce requirements for additional coursework: from 4.5 credits (in addition to CDNS 5001), of which 1.0 may be taken out of the program to 3.5 credits, of which 1.5 may be taken out of the program.
	Proposed Changes to Canadian Studies MA (Research Essay Option):
	1. Reduce total credits from 5.0 to 4.0 credits.
	2. Reduce requirements for additional coursework: from 3.5 credits (in addition to CDNS 5001), of which 1.0 may be taken in courses out of the program.
	Proposed Changes to Canadian Studies MA (Thesis option):
	1. Reduce total credits from 5.0 to 4.0 credits.
	2. Reduce requirements for additional coursework: from 3.5 credits (in addition to CDNS 5001) to 2.0, of which .5 may be taken out of the program.
	3. Reduce weight of thesis to 1.5 credits.
	Added a note to appear below the course lists, explaining the limitations on the number of practicum courses (CDNS 5801) and directed studies courses (CDNS 5901) which are permitted in each of the pathways.
Rationale for change	This will enable students to complete the degree in 1 rather than 2 years, which will be a big advantage in terms of recruiting, and will be more manageable in terms of current faculty resources. The change in credit weight to the thesis does not modify what is expected of a thesis, and conforms to what is practiced elsewhere in FASS.
Transition/Implementation	The 4.0 credit M.A. Canadian Studies will be available for the incoming Fall 2026-27 cohort. Current students (admitted 2025-26 and earlier) will be required to complete the 5.0 credit program.
Program reviewer comments	**nataliephelan (09/24/25 2:38 pm):** Following FASS GFCC, removed CDNS 5800 from item 3 of the thesis pathway. The course is a 1.0 credit practicum so it cannot be used to fill a maximum 0.5 credit upper limit on practica.
	nataliephelan (10/17/25 8:48 am): Rollback: As discussed with P. Gin, there are further edits to be made. Rolling back to chair, then Natalie will update the proposal.
	nataliephelan (10/17/25 9:16 am): CDNS 5800 (1.0 credit practicum) has been submitted to

deletion; removed reference to this course from item 3 of the coursework and research essay pathways.

nataliephelan (10/17/25 5:14 pm): Significant rewording of the electives item in each pathway.

Key: 878

Program Change Request

Date Submitted: 08/28/25 10:24 am

Viewing: **TBD-2189 : M.A. Canadian Studies with Concentration in Heritage Planning and Studies**

Last approved: 04/26/23 4:31 pm

Last edit: 10/22/25 2:38 pm

Last modified by: nataliephelan

Changes proposed by: kristinguth

In Workflow

1. **CANS ChairDir GR**
2. **AS GFCC**
3. **AS FBoard**
4. **PRE SCCASP**
5. SCCASP
6. CalEditor

Approval Path

1. 08/28/25 12:16 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
2. 10/17/25 8:48 am
   Natalie Phelan
   (nataliephelan): Rollback
   to CANS ChairDir GR for
   AS GFCC
3. 10/17/25 3:16 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
4. 10/29/25 1:58 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
5. 11/07/25 3:24 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Apr 25, 2023 by Sandra
   Bauer (sandrabauer)
2. Apr 26, 2023 by Sandra
   Bauer (sandrabauer)
3. Apr 26, 2023 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program	Canadian Studies

Effective Date	2026-27
Workflow	minormod
Program Code	TBD-2189
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Canadian Studies
Degree	Master of Arts
Title	M.A. Canadian Studies with Concentration in Heritage Planning and Studies

Program Requirements

M.A. Canadian Studies
with Concentration in Heritage Planning and Studies (4.0 ~~(5.0~~ credits)

Requirements - coursework pathway:		
1. 0.5 credit in:		**0.5**
CDNS 5001 [0.5]	M.A. Core Seminar: Conceptualizing Canada	
2. 1.0 credit in:		**1.0**
CDNS 5401 [0.5]	Heritage Conservation: History, Principles, and Concepts	
CDNS 5402 [0.5]	Heritage Conservation: Theory in Practice	
3. 0.5 credit from:		**0.5**
CDNS 5400 [0.5]	Space, Landscape and Identity in Canada	
CDNS 5403 [0.5]	Heritage Conservation and Sustainability	
4. 2.0 credits in approved elective courses, which may include up to 1.0 outside the program with approval of the graduate supervisor. See Note below.		**2.0**
Total Credits		4.0
Requirements - research essay pathway:		
1. 0.5 credit in:		0.5
CDNS 5001 [0.5]	M.A. Core Seminar: Conceptualizing Canada	
2. 1.0 credit in:		1.0
CDNS 5401 [0.5]	Heritage Conservation: History, Principles, and Concepts	
CDNS 5402 [0.5]	Heritage Conservation: Theory in Practice	
3. 0.5 credit from:		0.5
CDNS 5400 [0.5]	Space, Landscape and Identity in Canada	
~~5. 1.5 credits from:~~		~~1.5~~
~~Approved elective(s), and/or:~~		
~~CDNS 5800 [0.0]~~	~~Course CDNS 5800 Not Found~~ ~~(topic or activity related to heritage planning and studies)~~	
~~CDNS 5801 [0.5]~~	~~Internship/Practicum (maximum 1.0 credit, topic or activity related to heritage planning and studies)~~	
~~CDNS 5900 [0.0]~~	~~Course CDNS 5900 Not Found~~ ~~(topic or activity related to heritage planning and studies)~~	

~~CDNS 5901 [0.5]　　　　Directed Studies (maximum 1.0 credit, topic or activity related to heritage planning and studies)~~

CDNS 5403 [0.5]　　　　Heritage Conservation and Sustainability

~~4. 0.5 credit in:~~　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　~~0.5~~

4. 1.0 credit in approved elective courses, which may include up to 0.5 outside the program with approval of the graduate supervisor. See Note below.　　　　　　　　　　　　　　1.0

5. 1.0 credit in:　　　　　　　　　　　　　　　　　　　　　　　　　　　　1.0

CDNS 5908 [1.0]　　　　Research Essay (in a topic related to heritage planning and studies, to be approved by Graduate Supervisor)

Total Credits　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　4.0

Requirements - thesis pathway:

1. 0.5 credit in:　　　　　　　　　　　　　　　　　　　　　　　　　　　0.5

CDNS 5001 [0.5]　　　　　　　M.A. Core Seminar: Conceptualizing Canada

2. 1.0 credit in:　　　　　　　　　　　　　　　　　　　　　　　　　　　1.0

CDNS 5401 [0.5]　　　　　　　Heritage Conservation: History, Principles, and Concepts

CDNS 5402 [0.5]　　　　　　　Heritage Conservation: Theory in Practice

3. 0.5 credit from:　　　　　　　　　　　　　　　　　　　　　　　　　0.5

CDNS 5400 [0.5]　　　　　　　Space, Landscape and Identity in Canada

CDNS 5403 [0.5]　　　　　　　Heritage Conservation and Sustainability

4. 0.5 credit in approved elective courses. See Note below.　　　　　　　　0.5

5. 1.5 credits in:　　　　　　　　　　　　　　　　　　　　　　　　　　1.5

CDNS 5909 [2.0]　　　　　　　M.A. Thesis

Total Credits　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　4.0

NOTE: all pathways are limited to 0.5 credit in CDNS 5801 Internship/Practicum. The coursework and research essay pathways are limited to 0.5 credit in CDNS 5901 Directed Studies. The thesis pathway does not allow for CDNS 5901 Directed Studies.

~~Requirements - Coursework pathway:~~

~~**1. 0.5 credit in:**~~　　　　　　　　　　　　　　　　　　　　　　　　　~~0.5~~

~~CDNS 5001 [0.5]　　　M.A. Core Seminar: Conceptualizing Canada~~

~~**2. 1.0 credit in:**~~　　　　　　　　　　　　　　　　　　　　　　　　　~~1.0~~

~~CDNS 5401 [0.5]　　　Heritage Conservation: History, Principles, and Concepts~~

~~CDNS 5402 [0.5]　　　Heritage Conservation: Theory in Practice~~

~~**3. 0.5 credit in:**~~　　　　　　　　　　　　　　　　　　　　　　　　　~~0.5~~

~~CDNS 5403 [0.5]　　　Heritage Conservation and Sustainability~~

~~**4. 0.5 credit in:**~~　　　　　　　　　　　　　　　　　　　　　　　　　~~0.5~~

~~CDNS 5400 [0.5]　　　Space, Landscape and Identity in Canada~~

~~**5. 2.5 credits from:**~~　　　　　　　　　　　　　　　　　　　　　　　~~2.5~~

~~Approved elective(s), and/or:~~

~~CDNS 5800 [0.0]　　　Course CDNS 5800 Not Found (topic or activity related to heritage planning and studies, approved by SICS graduate supervisor)~~

~~CDNS 5801 [0.5]　　　Internship/Practicum (maximum 1.0 credit, topic or activity related to heritage planning and studies, approved by SICS graduate supervisor)~~

~~CDNS 5900 [0.0]　　　Course CDNS 5900 Not Found (topic or activity related to heritage planning and studies, approved by SICS graduate supervisor)~~

~~CDNS 5901 [0.5]　　　Directed Studies (maximum 1.0 credit, topic or activity related to heritage planning and studies, approved by SICS graduate supervisor)~~

Total Credits　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　0.0

~~Requirements - Thesis pathway:~~

1. ~~0.5 credit in:~~   ~~0.5~~

   ~~CDNS 5001 [0.5] M.A. Core Seminar: Conceptualizing Canada~~

2. ~~1.0 credit in:~~   ~~1.0~~

   ~~CDNS 5401 [0.5] Heritage Conservation: History, Principles, and Concepts~~

   ~~CDNS 5402 [0.5] Heritage Conservation: Theory in Practice~~

3. ~~0.5 credit in:~~   ~~0.5~~

   ~~CDNS 5400 [0.5] Space, Landscape and Identity in Canada~~

4. ~~0.5 credit in:~~   ~~0.5~~

   ~~CDNS 5403 [0.5] Heritage Conservation and Sustainability~~

5. ~~0.5 credit from:~~   ~~0.5~~

   ~~Approved elective [0.5 credit], or~~

   ~~CDNS 5801 [0.5]~~ ~~Internship/Practicum (topic or activity related to heritage planning and studies, approved by SICS graduate supervisor)~~

   ~~CDNS 5901 [0.5]~~ ~~Directed Studies (topic or activity related to heritage planning and studies, approved by SICS graduate supervisor)~~

6. ~~2.0 credits in:~~   ~~2.0~~

   ~~CDNS 5909 [2.0]~~ ~~M.A. Thesis (in a topic related to heritage planning and studies, to be approved by SICS graduate supervisor)~~

Total Credits   0.0

New Resources   No New Resources

Summary   Proposed Changes to Canadian Studies MA with Concentration in Heritage Planning and
                       Studies (course-based option):
                       1. Reduce total credits from 5.0 to 4.0 credits.
                       2. Combine existing requirements #3 (0.5 credits in CDNS 5400) and #4 (0.5 credits in CDNS
                       5403) into a single requirement: 0.5 credits in either CDNS 5400 or CDNS 5403
                       3. Reduce existing requirement #5 (2.5 credits in CDNS 5800, CDNS 5801, CDNS 5900, and/or
                       CDNS 5901) to 2.0 in Approved Electives, of which 1.0 may be taken outside of CDNS.

                       Proposed Changes to Canadian Studies MA with Concentration in Heritage Planning and
                       Studies (Research Essay Option):
                       1. Reduce total credits from 5.0 to 4.0 credits.
                       2. Combine existing requirements #3 (0.5 credits in CDNS 5400) and #4 (0.5 credits in CDNS
                       5403) into a single requirement: 0.5 credits in either CDNS 5400 or CDNS 5403
                       3. Reduce existing requirement #5 (1.5 credits in CDNS 5800, CDNS 5801, CDNS 5900, and/or
                       CDNS 5901) to 1.0 in Approved Electives, of which 0.5 may be taken outside of CDNS.

                       Proposed Changes to Canadian Studies MA with Concentration in Heritage Planning and
                       Studies (Thesis option):
                       1. Reduce total credits from 5.0 to 4.0 credits.
                       2. Combine existing requirements #3 (0.5 credits in CDNS 5400) and #4 (0.5 credits in CDNS
                       5403) and #5 (.5 credits in Approved elective or CDNS 5801 or CDNS 5901) into a single
                       requirement: 0.5 in CDNS 5400, CDNS 5403, CDNS 5801 (Internship/Practicum), CDNS 5901
                       (Directed Studies), or Approved Elective
                       3. Reduce existing requirement #5 (2.5 credits in CDNS 5800, CDNS 5801, CDNS 5900, and/or
                       CDNS 5901) to 0.5 credits in CDNS 5400, CDNS 5403, CDNS 5801 (Internship/Practicum),
                       CDNS 5901 (Directed Studies), or Approved Elective.

                       Added a note to appear below the course lists, explaining the limitations on the number of
                       practicum courses (CDNS 5801) and directed studies courses (CDNS 5901) which are
                       permitted in each of the pathways.

                       Reordered the pathways so all CDNS programs match.

Rationale for change	This will enable students to complete the degree in 1 rather than 2 years, which will be a big advantage in terms of recruiting, and will be more manageable in terms of current faculty resources. The change in credit weight to the thesis does not modify what is expected of a thesis, and conforms to what is practiced elsewhere in FASS.
Transition/Implementation	The 4.0 credit M.A. Canadian Studies with Concentration in Heritage Planning and Studies will be available for the incoming Fall 2026-27 cohort. Current students (admitted 2025-26 and earlier) will be required to complete the 5.0 credit program.

Program reviewer comments	**nataliephelan (09/24/25 2:47 pm):** Small formatting corrections. **nataliephelan (10/17/25 8:48 am):** Rollback: As discussed with P. Gin, there are further edits to be made. Rolling back to chair, then Natalie will update the proposal. **nataliephelan (10/17/25 10:59 am):** CDNS 5800 has been submitted for deletion; removed references to this course from item 4 in the coursework and research essay pathways.

Key: 2189

Date Submitted: 08/28/25 10:37 am

Viewing: **MA-11DH : M.A. Canadian Studies with Collaborative Specialization in Digital Humanities**

Last approved: 01/26/23 2:57 pm

Last edit: 12/02/25 10:37 am

Last modified by: nataliephelan

Changes proposed by: kristinguth

In Workflow

1. **CANS ChairDir GR**
2. **AS GFCC**
3. **AS FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. CalEditor

Approval Path

1. 08/28/25 12:15 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
2. 10/17/25 8:48 am
   Natalie Phelan
   (nataliephelan): Rollback
   to CANS ChairDir GR for
   AS GFCC
3. 10/17/25 3:16 pm
   Paul Keen (paulkeen):
   Approved for CANS
   ChairDir GR
4. 10/29/25 1:58 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
5. 11/07/25 3:25 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard
6. 11/26/25 9:37 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. May 1, 2017 by Sandra
   Bauer (sandrabauer)
2. May 10, 2017 by Sandra
   Bauer (sandrabauer)
3. Jan 30, 2018 by Sandra
   Bauer (sandrabauer)
4. Apr 17, 2019 by
   mikelabreque

Calendar Pages Using this Program	Canadian Studies
	Digital Humanities (Collaborative Specialization)

Effective Date	2026-27
Workflow	minormod majormod
Program Code	MA-11DH
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Canadian Studies
Degree	Master of Arts
Title	M.A. Canadian Studies with Collaborative Specialization in Digital Humanities

Program Requirements

M.A. Canadian Studies
with Collaborative Specialization in Digital Humanities (4.0 credits)

Requirements - coursework pathway (4.0 credits)

1. **1.0 credit in:**   1.0

   CDNS 5001 [0.5]   M.A. Core Seminar: Conceptualizing Canada

   DIGH 5000 [0.5]   Issues in the Digital Humanities

   DIGH 5800 [0.0]   Digital Humanities: Professional Development

2. **1.0 credit in** approved Digital Humanities elective courses.   1.0

3. ~~**3.0 credits in** approved elective courses, Internship/Practicum, or Directed Studies.~~   ~~3.0~~

3. 2.0 credits in approved elective courses, which may include up to 1.0 taken outside the program with the approval of
the graduate supervisor. See Note below.   2.0

Total Credits   4.0

Requirements - research essay pathway (4.0 credits)

1. **1.0 credit in:**   1.0

   CDNS 5908 [1.0]   Research Essay (in the specialization)

2. **0.5 credit in:**   0.5

   CDNS 5001 [0.5]   M.A. Core Seminar: Conceptualizing Canada

3. **0.5 credit in:**   0.5

   DIGH 5000 [0.5]   Issues in the Digital Humanities

   DIGH 5800 [0.0]   Digital Humanities: Professional Development

4. 1.0 credit in approved Digital Humanities elective courses.   1.0

~~**5. 2.0 credits in** approved elective courses, Internship/Practicum, or Directed Studies.~~   ~~2.0~~

5. 1.0 credit in approved electives, which may include up to 0.5 outside of the program with approval of the graduate supervisor. See Note below.

1.0

Total Credits   4.0

Requirements - thesis pathway (4.0 credits)

~~**1. 2.0 credits in:**~~   ~~2.0~~

1. 1.5 credits in: 1.5

CDNS 5909 [2.0]   M.A. Thesis (in the specialization)

2. 0.5 credit in: 0.5

CDNS 5001 [0.5]   M.A. Core Seminar: Conceptualizing Canada

3. 0.5 credit in: 0.5

DIGH 5000 [0.5]   Issues in the Digital Humanities

DIGH 5800 [0.0]   Digital Humanities: Professional Development

4. 0.5 credit in approved Digital Humanities elective courses.   0.5

5. 1.0 credit in CDNS or approved electives, which may include up to 0.5 taken outside the program with approval of the graduate supervisor. See Note below.

1.0

~~**5. 1.0 credit in** approved elective courses, Internship/Practicum, or Directed Studies.~~   ~~1.0~~

Total Credits   4.0

NOTE: the coursework and research essay pathways are limited to 0.5 credit in CDNS 5801 Internship/Practicum and CDNS 5901 Directed Studies. The thesis pathway does not allow for CDNS 5801 Internship/Practicum nor CDNS 5901 Directed Studies. ~~Canadian Studieswith Collaborative Specialization in Digital Humanities (5.0 credits)~~

Thesis/Research Essay Proposal

At the time of declaring their option, thesis/research essay students are encouraged to declare a preliminary topic and tentative list of potential supervisors. Thesis/research essay students must submit a research proposal to the School that has been approved by their thesis/research essay supervisor prior to registering in CDNS 5908 or CDNS 5909.

New Resources   No New Resources

Program Change Request

Date Submitted: 09/17/25 2:11 pm

Viewing: **MPPA-48ACH : Master of Public Policy and Administration with Collaborative Specialization in Climate Change**

Last approved: 04/17/25 12:52 pm

Last edit: 09/22/25 1:21 pm

Last modified by: nataliephelan

Changes proposed by: nataliephelan

In Workflow

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

Approval Path

1. 09/17/25 2:27 pm Jennifer Stewart (jenniferstewart): Approved for PADM ChairDir GR
2. 09/22/25 10:18 am Vandna Bhatia (vandnabhatia): Approved for PA Dean
3. 09/30/25 10:34 am Vandna Bhatia (vandnabhatia): Approved for PA GFCC
4. 10/06/25 11:58 am Vandna Bhatia (vandnabhatia): Approved for PA FBoard

History

1. Apr 17, 2025 by Emma McDonald (emmasmcdonald)

Calendar Pages Using this Program	Climate Change (Collaborative Program) Public Policy and Administration
Effective Date	2026-27
Workflow	majormod
Program Code	MPPA-48ACH

Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	School of Public Policy and Administration
Degree	
Title	Master of Public Policy and Administration with Collaborative Specialization in Climate Change

Program Requirements

Master of Public Policy and Administration with Collaborative Specialization in Climate Change (7.0 credits)

Requirements - coursework pathway (7.0 credits)

1. **1.0 credit in:**   1.0
   CLIM 5000 [1.0]   Climate Collaboration
2. **0.0 credit in:**   0.0
   CLIM 5800 [0.0]   Climate Seminar Series
3. **4.5 credits in** core courses: 4.5
   PADM 5120 [0.5]   Modern Challenges to Governance
   PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
   PADM 5122 [0.5]   Public Management: Principles and Approaches
   PADM 5123 [0.5]   Public Management in Practice
   PADM 5125 [0.5]   Qualitative Methods for Public Policy
   PADM 5126 [0.5]   Quantitative Methods for Public Policy
   PADM 5127 [0.5]   Microeconomics for Policy Analysis
   PADM 5128 [0.5]   Macroeconomics for Policy Analysis
   PADM 5129 [0.5]   Capstone Course
4. **1.0 credits in** approved climate change electives (see School website for details)   1.0
5. **0.5 credit in** approved electives (see School website for details)   0.5

Total Credits   7.0

Requirements - research essay pathway (7.0 credits)

1. **1.0 credit in:**   1.0
   CLIM 5000 [1.0]   Climate Collaboration
2. **0.0 credit in:**   0.0
   CLIM 5800 [0.0]   Climate Seminar Series
3. **4.5 credits in** core courses: 4.5
   PADM 5120 [0.5]   Modern Challenges to Governance
   PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
   PADM 5122 [0.5]   Public Management: Principles and Approaches
   PADM 5123 [0.5]   Public Management in Practice
   PADM 5125 [0.5]   Qualitative Methods for Public Policy
   PADM 5126 [0.5]   Quantitative Methods for Public Policy
   PADM 5127 [0.5]   Microeconomics for Policy Analysis
   PADM 5128 [0.5]   Macroeconomics for Policy Analysis

    PADM 5129 [0.5]   Capstone Course

4. 1.0 credit in: 1.0

    PADM 5908 [1.0]   Research Essay (in the Specialization)

5. 0.5 credit in approved electives (see School website for details)   0.5

Total Credits   7.0

Master of Public Policy and Administration with Collaborative Specialization in Climate Change (Advanced completion, 5.0 credits)

Requirements - coursework pathway (5.0 credits)

1. 1.0 credit in: 1.0

    CLIM 5000 [1.0]   Climate Collaboration

2. 0.0 credit in: 0.0

    CLIM 5800 [0.0]   Climate Seminar Series

3. 2.5 credits from core courses: 2.5

    PADM 5120 [0.5]   Modern Challenges to Governance
    PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
    PADM 5122 [0.5]   Public Management: Principles and Approaches
    PADM 5123 [0.5]   Public Management in Practice
    PADM 5125 [0.5]   Qualitative Methods for Public Policy
    PADM 5126 [0.5]   Quantitative Methods for Public Policy
    PADM 5127 [0.5]   Microeconomics for Policy Analysis
    PADM 5128 [0.5]   Macroeconomics for Policy Analysis
    PADM 5129 [0.5]   Capstone Course

4. 1.0 credits in approved climate change electives (see School website for details)   1.0

5. 0.5 credit in approved electives (see School website for details)   0.5

Note

Additional credits may be required, as specified upon admission.

Total Credits   5.0

Requirements - research essay pathway (5.0 credits)

1. 1.0 credit in: 1.0

    CLIM 5000 [1.0]   Climate Collaboration

2. 0.0 credit in: 0.0

    CLIM 5800 [0.0]   Climate Seminar Series

3. 2.5 credits from core courses: 2.5

    PADM 5120 [0.5]   Modern Challenges to Governance
    PADM 5121 [0.5]   Policy Analysis: The Practical Art of Change
    PADM 5122 [0.5]   Public Management: Principles and Approaches
    PADM 5123 [0.5]   Public Management in Practice
    PADM 5125 [0.5]   Qualitative Methods for Public Policy
    PADM 5126 [0.5]   Quantitative Methods for Public Policy
    PADM 5127 [0.5]   Microeconomics for Policy Analysis
    PADM 5128 [0.5]   Macroeconomics for Policy Analysis
    PADM 5129 [0.5]   Capstone Course

4. 1.0 credit in: 1.0

    PADM 5908 [1.0]   Research Essay (in the Specialization)

5. 0.5 credit in approved electives (see School website for details)   0.5

Total Credits	5.0

New Resources	No New Resources
Summary	Climate change is a challenging policy issue. A learning objective of the degree is to prepare our students to face these types of existential challenges and crises facing humanity. J. Vermaire has provided a letter of support on behalf of the Climate Change specialization.
Rationale for change	Having the option to take the collaborative specialization will provide our students the opportunity to explore this issue in depth. As one of our programs is currently participating in the collaborative specialization and we offer sufficient electives related to climate change, no new resources are required. While the concentration in climate change is offered since last year, it was not possible to take this specialization with Advanced Completion Credit (ACC), while it is offered with all other programs at our schools. To standardize this specialization with our other programs, we complement now the specialization with the possibility of ACC.
Transition/Implementation	N/A - new program.
Program reviewer comments	

Key: 2303

STATEMENT OF SUPPORT FROM CONTRIBUTING UNIT

RE: Adding Master of Public Policy and Administration
with Collaborative Specialization in Climate Change with an Advanced completion
pathway.

[x] I support this change unconditionally.

[ ] I do not support this change.

[ ] I support this change, with the following reservations:

Signature:

Name: Jesse Vermaire

Title: Associate Professor and Organizer for the Collaborative Specialization in Climate

Change

Academic unit:

DGES/IEIS

Date:

September 22 2025

Notes:

Course Change Request

Date Submitted: 10/01/25 3:07 pm

Viewing: **NURS 3201 : Clinical Practicum - Consolidated Practicum I**

Last approved: 03/14/25 4:36 am

Last edit: 10/01/25 3:07 pm

Changes proposed by: katiemccarlie

Calendar Pages referencing this course	Nursing Nursing (NURS)
Other Courses referencing this course	In The Calendar Prerequisites: NURS 4200 : Clinical Practicum - Consolidated Practicum II
Programs referencing this course	Nursing B.Sc.N. Honours with RN Prescribing Nursing B.Sc.N. Major with RN Prescribing

Effective Date	2026-27
Workflow	majormod ~~minormod~~

In Workflow

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

Approval Path

1. 10/10/25 10:08 am
   Danielle Manley
   (DanielleManley):
   Approved for NURS
   ChairDir UG
2. 10/10/25 10:20 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 10/30/25 2:40 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FCC
4. 11/11/25 10:55 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FBoard

History

1. Sep 18, 2024 by Kate
   Armstrong
   (katearmstrongfurniva)
2. Mar 14, 2025 by Angel
   Wagner (angelwagner)

Level	Undergraduate
Course Code	NURS
Course Number	3201
Title	Clinical Practicum - Consolidated Practicum I
Title (short)	Consolidated Practicum I
Faculty	Faculty of Science
Academic Unit	Nursing
Credit Value	0.50 ~~1.0~~
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Practica or Placements (including Clinical Placements)
Course Description	Students complete clinical placement to consolidate theory and application to advance toward graduation. Graded SAT/UNS.
Prerequisite(s)	NURS 3200. Restricted to Bachelor of Science in Nursing students.
Class Format	Off-campus placements with at least 250 hours a semester.
Precluded Courses	
Also listed as	
Piggybacked Courses	
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	Consolidating content from upper year practicum courses into earlier content specific courses.
Rationale for change	Consolidation of content - the upper-year 1.0 credit courses (NURS 3201 and NURS 4200) are Clinical Practicum courses, where students complete clinical placements to consolidate theory and application. We will be consolidating more of the theoretical components into earlier content-specific courses and so reducing credit value from 1.0 to 0.5 credit
Course reviewer comments	

Key: 10923

Course Change Request

Date Submitted: 10/01/25 3:08 pm

Viewing: **NURS 4200 : Clinical Practicum - Consolidated Practicum II**

Last approved: 03/14/25 4:36 am

Last edit: 10/01/25 3:08 pm

Changes proposed by: katiemccarlie

Calendar Pages referencing this course	Nursing Nursing (NURS)
Programs referencing this course	Nursing B.Sc.N. Honours with RN Prescribing Nursing B.Sc.N. Major with RN Prescribing

In Workflow

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

Approval Path

1. 10/10/25 10:08 am Danielle Manley (DanielleManley): Approved for NURS ChairDir UG
2. 10/10/25 10:21 am Jaime Sadgrove (jaimesadgrove): Approved for SCI Dean
3. 10/30/25 2:40 pm Jaime Sadgrove (jaimesadgrove): Approved for SCI FCC
4. 11/11/25 10:55 am Jaime Sadgrove (jaimesadgrove): Approved for SCI FBoard

History

1. Sep 18, 2024 by Kate Armstrong (katearmstrongfurniva)
2. Mar 14, 2025 by Angel Wagner (angelwagner)

Effective Date	2026-27
Workflow	majormod ~~minormod~~

Level	Undergraduate
Course Code	NURS
Course Number	4200
Title	Clinical Practicum - Consolidated Practicum II
Title (short)	Consolidated Practicum II
Faculty	Faculty of Science
Academic Unit	Nursing
Credit Value	0.50 ~~1.0~~
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Practica or Placements (including Clinical Placements)
Course Description	Students complete clinical placement to consolidate theory and application to advance toward graduation. Graded SAT/UNS.
Prerequisite(s)	NURS 3201, NURS 3101. Restricted to Bachelor of Science in Nursing students.
Class Format	Off-campus placements with at least 300 hours a semester.
Precluded Courses	
Also listed as	
Piggybacked Courses	
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	Consolidating content from upper year practicum courses into earlier content specific courses.
Rationale for change	Consolidation of content - the upper-year 1.0 credit courses (NURS 3201 and NURS 4200) are Clinical Practicum courses, where students complete clinical placements to consolidate theory and application. We will be consolidating more of the theoretical components into earlier content-specific courses and so reducing credit value from 1.0 to 0.5 credit
Course reviewer comments	

Key: 10925

Preview Bridge

Program Change Request

Date Submitted: 09/03/25 3:18 pm

Viewing: **R-GR-COOP-SOCI : Co-op Option - Sociology M.A.**

Last approved: 02/27/24 3:48 pm

Last edit: 09/03/25 3:18 pm

Last modified by: samanthalitwinczuk

<u>Changes proposed by: samanthalitwinczuk</u>

In Workflow

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

Approval Path

1. 09/04/25 11:53 am
   Samantha Litwinczuk
   (samanthalitwinczuk):
   Approved for SOAN
   ChairDir GR
2. 09/04/25 1:03 pm
   Katie LeBlanc
   (katieleblanc): Approved
   for REGS COOP GR
   Review
3. 09/15/25 1:16 pm
   Pascal Gin (pascalgin):
   Approved for AS Dean
4. 10/01/25 8:17 am
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS GFCC
5. 10/13/25 10:47 am
   Pascal Gin (pascalgin):
   Approved for AS FBoard

Calendar Pages Using this Program	Sociology
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	R-GR-COOP-SOCI
Level	Graduate

Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Sociology and Anthropology
Degree	
Title	Co-op Option - Sociology M.A.

Program Requirements

Co-operative Education Option
M.A. Sociology with Concentration in Quantitative Methodology

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. be enrolled in the M.A. in Sociology, Concentration in Quantitative Methodology;
2. have successfully completed, by the start-date of the first work term, the required first-year core research methods courses (SOCI 5809, SOCI 5102, and SOCI 5104);
3. SOCI 5809 and at least 1.0 credit selected from: SOCI 5102, SOCI 5104, SOCI 5105, SOCI 5201, SOCI 5605); be registered as a full-time student in each academic term prior to a work term;
4. be eligible to work in Canada (for off-campus work terms)

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

New Resources	No New Resources
Summary	Change of program requirements.
Rationale for change	Revisions to the text of the co-op option are made to reflect changes in the requirements of the MA in Sociology with concentration in quantitative methodology that came into effect a couple of years ago. Please refer to: https://calendar.carleton.ca/grad/gradprograms/sociology/#cooperativeeducationmatext
Transition/Implementation	We have not offered SOCI 5105, SOCI 5201 or SOCI 5605 (the courses that are being removed from item # 2) for many years. Students have been completing SOCI 5809, SOCI 5102, SOCI 5104 to fulfill eligibility condition # 2.

Program reviewer
comments

Template for Major Modifications: A2

MEMORANDUM

To: Senate Quality Assurance and Planning Committee (SQAPC)

From: Dr. Jesse Stewart, Program Director, Bachelor of Music
                Dr. Mitchell Frank, Director, School of Studies in Art and Culture

CC: Dr. Anne Bowker, Dean, Faculty of Arts and Social Sciences
                Dr. Pascal Gin, Associate Dean (Academic), Faculty of Arts and Social Sciences

Date: September 23, 2025

Subject: Major Modification A2 to the Bachelor of Music program

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Modification Description

In 2020, Carleton University's Music faculty began a multi-year, systematic overview of Carleton's Bachelor of Music program with a view of redesigning all facets of the program to foster greater equity, inclusion, and social justice in our programs. We feel that Carleton Music has for many years been a leader in these areas, but we are committed to doing even better. We have been implementing changes to the curriculum over the past few years. This will be the final round of major revisions. This process has coincided with a period of considerable fiscal constraint at the university and the loss of several members of the Music faculty, which has provided further impetus to streamline our curriculum to reflect current faculty resources and expertise, while ensuring that we continue to offer students a robust learning experience. In our efforts to overhaul and improve the BMus program, we have undertaken a series of consultations with students, contract instructors, ensemble directors, support staff, and performance instructors.

For the purposes of this re-envisioning process, we have assumed a rough division of resources and courses into the areas of creative practice, music theory, and history/musicology (including ethno-musicology and popular musicology), although we consider these categories to be conveniences rather than absolutes, and we want to do everything possible to emphasize crossover and hybridization between them.

Creative Practice

We have decided to replace the existing audition format with an admission portfolio, in line with a broader definition of "creative practice." The admission guidelines are posted online at: https://admissions.carleton.ca/bachelor-of-music-audition-requirements/

We will maintain traditional modes of performance evaluation (i.e. juries) where appropriate to particular students and add to our evaluation of creative practices a digital creative practice portfolio.

Music Theory

We are seeking to balance two factors in revamping the music theory area: (i) to maintain the credibility of professional training for students in traditions that require skills such as reading notation and doing conventional sorts of theory/analysis, but at the same time; (ii) to not privilege these traditions or skills by making them the definition of theory activities overall, and in so far as possible, to redesign the theory curriculum to be flexible and multi-purpose, introducing new areas as appropriate to support the theoretical side of whichever traditions students are working within. The first set of changes to the music theory stream took effect in Fall 2024 with additional changes coming into effect in Fall 2025.

History/Musicology

All changes to individual courses within the musicology stream have been motivated by an overarching concern for equity—we want to ensure that all Music students are exposed equally to all areas of our program in the first two years before they specialize in specific areas at the 3000 and 4000 level. To move to this new equity-driven program structure, some courses needed to be repurposed, some created, and some were deemed redundant. We are introducing a new, required 1.0-credit course at the first-year level that will introduce students to all facets of musicology, namely Western musicology, popular musicology, ethnomusicology, and jazz. It is being offered for the first time in the 2025-2026 academic year. At the second-year level, we have introduced new required courses in ethnomusicology; popular musicology; historical Western musicology; and Canadian musicology.

This year's proposed changes focus mainly on the history/musicology stream at the third- and fourth-year levels with 12 course revisions, 14 new courses, and 22 course deletions. These changes will streamline the musicology curriculum, ensuring that there will be a clear progression from year-to-year, in the sense that each year level is conceived as contributing a specific kind of experience or development. Thus, we are proposing the following:

- First year: A single, year-long required course for Music majors (B.Mus and BA Music). The main theme in this year would be groundwork for future years within the program.
- Second year: Broad survey courses in the areas of popular music, Western art music, jazz, and global/ethnomusicology. The main theme in this year would be introductions and surveys for major areas. We propose that of the second-year courses, students must take 2.0 credits: one course in each of the areas (Popular, World, Western Art

Music) and the Music in Canada course. MUSI 2005 ("Introduction to Jazz History, retitled as "Jazz Histories") will remain a second-year elective.

- Third year: More focused courses, both area courses and topic courses. Still quite broad, but allowing for more specialized and in-depth study. The main theme in this year could be thought of in two ways: (a) reinforcement of general themes from second year; (b) introduction to advanced study.
- Fourth year: a mix of area courses and topic courses with emphasis more on topics. The main difference from third year is that these will be at a more advanced level, so they will either be the second in a two-course series, or they will be standalone courses dealing with topics that are inherently more advanced (requiring greater theoretical depth, or more contextual knowledge).

Proposed Minor Modifications

Course Number	Course Name	Proposed Change
MUSI 1020	Thinking About Music	Edited
MUSI 1720	Vocal Musicianship	Edited
MUSI 2009	Music of Asia	Deleted
MUSIC 2102	Music in an Age of Spectacle, Commerce, and Colonization	Deleted
MUSI 2103	Music in an Age of Order, Invention, and Revolution	Deleted
MUSI 2203	Music in Canada	Edited
MUSI 2701	Jazz and Popular Music	Edited
MUSI 2710	Aural Training	Edited
MUSI 3006	Popular Music Before 1945	Edited
MUSI 3008	Popular Music 1980-2000	Edited
MUIS 3104	Popular Musics of Canada	Deleted
MUSI 3105	Western Art Music: 1600 to 1750	Added
MUSI 3106	Global Popular Music	Edited
MUSI 3107	Classical Indian Music	Deleted
MUSI 3108	Musics of the Middle East and North Africa	Deleted
MUSI 3205	Individual Specialized Academic Studies	Edited
MUSI 3301	Music, Religion, and Spiritual Practices	Edited
MUSI 3302	Music and Gender I	Deleted
MUSI 3304	Principles and Practices of Music Pedagogy	Added
MUSI 3308	Music and Environment	Added

MUSI 3400	A History of Opera before 1800	Deleted
MUSI 3401	A History of Opera from 1800 to 1945	Deleted
MUSI 3403	Music Industries	Deleted
MUSI 3405	Musical Theatre	Deleted
MUSI 3406	Instrumental Music: Music for Orchestra	Deleted
MUSI 3407	Instrumental Music: Chamber Music	Deleted
MUSI 3408	Music in an Age of Passion, Imagination, and Iconoclasm	Deleted
MUSI 3407	Music in an Age of Tumult, Innovation, and Pluralism	Deleted
MUSI 3720	Global Music Traditions	Added
MUSI 4006	Issues in Popular Music Studies	Edited
MUSI 4007	The Composer in Context	Deleted
MUSI 4008	Exploratory Music	Added
MUSI 4101	Music and Identity	Added
MUSI 4102	Music and Ethnography in Ottawa	Edited
MUSI 4104	Issues in Indigenous Music Studies	Edited
MUSI 4105	Issues in African Music Studies	Edited
MUSI 4108	Popular Music in 12 Song	Added
MUSI 4205	Individual Specialized Academic Studies	Edited
MUSI 4209	Individual Specialized Academic Studies	Edited
MUSI 4301	Music, Community, and Social Justice	Added
MUSI 4302	Music Industries and Histories	Added
MUSI 4304	Music and Globalization	Deleted
MUSI 4305	Western Art Music: 1900 to Present	Added
MUSI 4306	Music and Wellbeing in a Global Context	Deleted
MUSI 4307	Music in an Age of Power, Plague, and Courtly Love	Deleted

MUSI 4308	Music in an Age of Devotion, Seduction and Rebirth	Deleted
MUSI 4309	Music and Disability	Deleted
MUSI 4702	Topics in Music Preparation and Cognition	Deleted
MUSI 4706	Sound Studies	Added
MUSI 4707	Songwriting	Added

Impact on Other Programs

The unit anticipates no impact on other programs or academic units at Carleton.

Impact on Learning Outcomes and Curriculum Map

After consultation with the Program Assessment Specialist in the Office of Academic Programs and Strategic Initiatives, it was determined that the course changes outlined above do not affect the program learning outcomes, as these courses are not required for all students in the program. Instead, they are primarily offered in the third and fourth years to support students' diverse interests in areas such as music theory, music history and musicology, music performance, and other related aspects of the discipline.

Societal Need

The Carleton Music program is unique in Canada in the diversity of musical (and, by extension, *cultural*) traditions it supports. This breadth reflects the diversity of Canadian society, fulfilling an important societal need. Graduates of our programs have gone on to a wide variety of successful careers as professional musicians, arts presenters and administrators, educators, researchers, and more, contributing significantly to the Canadian cultural landscape.

Students

One major orienting principle of our program is that it is student-centered. As far as possible, we aim to help students develop their own practices according to their own understanding of what they want to achieve. Nonetheless, we also seek to maintain standards of depth and rigor, so that students are challenged and have opportunities to develop their knowledge and skills in meaningful ways. Over the course of our multi-year review of the Music program, we consulted with students extensively about the kinds of changes they would like to see. Many of the changes we are implementing are a direct response to student input. For example, many students expressed interest in a course that would discuss the changing nature of the music industry. In response, we added a 3000-level course titled "Careers in Music" that has proven to be very popular with our students.

Resources

a. *Faculty resources*: If additional faculty are required, there should be a clear indication of the anticipated source of funds (e.g., the faculty dean, the Provost's Budget Working Group (PBWG))

The Carleton Music program has lost several faculty members in recent years and gained a new colleague (Dr. Lyndsey Hoh-Copeland), which has provided further impetus to streamline our curriculum to reflect current faculty resources and expertise. Even with those changes, we anticipate that we will require at least two additional faculty positions over the next five years to ensure the long-term stability of the program.

b. *Contract instructors*: if additional contract instructors are required, there should be a clear indication of the anticipated source of funds (e.g., the faculty dean, the PBWG)

We are implementing these curricular changes at a time when budgets for contract instructors have been significantly cut. One of the goals behind this set of changes is to make our program less reliant on contract instructors for the delivery of our core curriculum (apart from performance instructors).

c. *Administrative support*: If there is a need for additional administrative support, there should be a clear indication of the anticipated source of funds (e.g., the faculty dean, the PBWG)

We do not anticipate requiring any additional administrative support.

d. *Library resources*: a Library Report will be requested by the Office of Academic Programs and Strategic Initiatives. If additional base or fiscal funds are required, there should be a clear indication of the anticipated source of funds (e.g., the University Librarian, the faculty dean, the PBWG)

We do not anticipate requiring any additional library resources.

e. *Space*: will there be adequate space for additional faculty and graduate students? Will additional laboratory or other instructional space be required? Has the Space Management Committee been consulted in collaboration with the line dean? Are there incremental costs for renovations and/or construction? If so, what is the anticipated source of funds (e.g., the faculty dean, the PBWG)?

Until recently, we did not have an adequate space for graduate students, a need highlighted in the external reviewers' report as part of the most recent Curriculum Program Review of Music.

In response, a member of the Music faculty—Ellen Waterman—kindly gave up her office on the 8th floor of Loeb and moved to the St. Patrick's Building in summer 2025, so students in the MA in Music and Culture graduate program could have an adequate space. We sincerely hope this is a temporary measure and an additional office space will become available in Loeb for Dr. Waterman. To foster collaborative research projects and a sense of collegiality within the program, it is important for all members of the Music faculty to be together.

f. *Equipment*: if there is a need for additional equipment, there should be a clear indication of the anticipated source of funds (e.g., the faculty dean, the PBWG)

We do not anticipate requiring any additional equipment to implement these curricular changes.

g. *Graduate student funding*: if additional base or fiscal funds are required, there should be a clear indication of the anticipated source of funds (e.g., the faculty dean, the PBWG).

We do not anticipate requiring any additional funding for graduate students.

h. In all cases, the information provided should link clearly to the information provided in the Revenue Estimator. The revised business plan now concludes with a section dedicated exclusively to incremental costs, with an indication of how to cover the incremental costs.

Governance

No impact on the governance of the unit.

Tuition

No impact on tuition

Associated Minor Modifications

Course Number	Course Name	Proposed Change
MUSI 1020	Thinking About Music	Edited
MUSI 1720	Vocal Musicianship	Edited
MUSI 2009	Music of Asia	Deleted
MUSIC 2102	Music in an Age of Spectacle, Commerce, and Colonization	Deleted
MUSI 2103	Music in an Age of Order, Invention, and Revolution	Deleted
MUSI 2203	Music in Canada	Edited
MUSI 2701	Jazz and Popular Music	Edited
MUSI 2710	Aural Training	Edited
MUSI 3006	Popular Music Before 1945	Edited
MUSI 3008	Popular Music 1980-2000	Edited
MUIS 3104	Popular Musics of Canada	Deleted
MUSI 3105	Western Art Music: 1600 to 1750	Added
MUSI 3106	Global Popular Music	Edited
MUSI 3107	Classical Indian Music	Deleted
MUSI 3108	Musics of the Middle East and North Africa	Deleted
MUSI 3205	Individual Specialized Academic Studies	Edited
MUSI 3301	Music, Religion, and Spiritual Practices	Edited
MUSI 3302	Music and Gender I	Deleted
MUSI 3304	Principles and Practices of Music Pedagogy	Added
MUSI 3308	Music and Environment	Added
MUSI 3400	A History of Opera before 1800	Deleted
MUSI 3401	A History of Opera from 1800 to 1945	Deleted
MUSI 3403	Music Industries	Deleted
MUSI 3405	Musical Theatre	Deleted
MUSI 3406	Instrumental Music: Music for Orchestra	Deleted
MUSI 3407	Instrumental Music: Chamber Music	Deleted
MUSI 3408	Music in an Age of Passion, Imagination, and Iconoclasm	Deleted

MUSI 3407	Music in an Age of Tumult, Innovation, and Pluralism	Deleted
MUSI 3720	Global Music Traditions	Added
MUSI 4006	Issues in Popular Music Studies	Edited
MUSI 4007	The Composer in Context	Deleted
MUSI 4008	Exploratory Music	Added
MUSI 4101	Music and Identity	Added
MUSI 4102	Music and Ethnography in Ottawa	Edited
MUSI 4104	Issues in Indigenous Music Studies	Edited
MUSI 4105	Issues in African Music Studies	Edited
MUSI 4108	Popular Music in 12 Song	Added
MUSI 4205	Individual Specialized Academic Studies	Edited
MUSI 4209	Individual Specialized Academic Studies	Edited
MUSI 4301	Music, Community, and Social Justice	Added
MUSI 4302	Music Industries and Histories	Added
MUSI 4304	Music and Globalization	Deleted
MUSI 4305	Western Art Music: 1900 to Present	Added
MUSI 4306	Music and Wellbeing in a Global Context	Deleted
MUSI 4307	Music in an Age of Power, Plague, and Courtly Love	Deleted
MUSI 4308	Music in an Age of Devotion, Seduction and Rebirth	Deleted
MUSI 4309	Music and Disability	Deleted
MUSI 4702	Topics in Music Preparation and Cognition	Deleted
MUSI 4706	Sound Studies	Added
MUSI 4707	Songwriting	Added

Program Change Request

Date Submitted: 08/28/25 4:32 pm

Viewing: BMUS-UMUS : Music B.Mus. Honours

Last approved: 04/24/25 4:10 pm

Last edit: 10/07/25 5:17 pm

Last modified by: angelwagner

[Changes proposed by: kristinguth](#)

In Workflow

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

Approval Path

1. 08/28/25 5:03 pm
   Mitchell Frank
   (mitchellfrank):
   Approved for ARTC
   ChairDir UG
2. 10/29/25 2:00 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FCC
3. 11/07/25 3:23 pm
   Sarah Mohammed
   (sarahmohammed):
   Approved for AS FBoard

History

1. Feb 27, 2014 by sandra
2. Mar 16, 2017 by Kristin
   Guth (kristinguth)
3. Apr 3, 2024 by Kristin
   Guth (kristinguth)
4. Apr 19, 2024 by Natalie
   Phelan (nataliephelan)
5. Apr 24, 2025 by Kristin
   Guth (kristinguth)

Calendar Pages Using this Program	[Music](#)
Effective Date	2026-27

Workflow	majormod
Program Code	BMUS-UMUS
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	School for Studies in Art and Culture
Degree	Bachelor of Music
Title	Music B.Mus. Honours

Program Requirements

Music
B.Mus. Honours (20.0 credits)

A. Credits Included in the Major CGPA (14.5 credits)

1. Performance: 3.0 credits in: 3.0

MUSI 1900 [0.5]	Performance I
MUSI 1901 [0.5]	Performance II
MUSI 2900 [0.5]	Performance III
MUSI 2901 [0.5]	Performance IV
MUSI 3900 [0.5]	Performance V
MUSI 3901 [0.5]	Performance VI

2. Music Theory:

a. 3.0 credits in: 3.0

MUSI 1700 [0.5]	Foundations of Music Theory
MUSI 1701 [0.5]	Tonal Music Literacy
MUSI 1720 [0.5]	Vocal Musicianship
MUSI 1711 [0.5]	Applied Rhythmic Training I
MUSI 2710 [0.5]	Aural Training
MUSI 2711 [0.5]	Applied Rhythmic Training II

b. 1.0 credit from: 1.0

MUSI 2607 [0.5]	Digital Music Literacy
MUSI 2700 [0.5]	Western Art Music Theory
MUSI 2701 [0.5]	Jazz and Popular Music Theory

c. 0.5 credit from: 0.5

MUSI 3700 [0.5]	Seminar in Theory and Analysis
MUSI 3701 [0.5]	Jazz Styles and Structures
MUSI 3710 [0.5]	Global Music Theories
MUSI 4700 [0.5]	Advanced Seminar in Theory and Analysis
MUSI 4701 [0.5]	Introduction to Jazz Arranging
MUSI 4704 [0.5]	Tonal Counterpoint

MUSI 4705 [0.5]   Post-Tonal Theory and Analysis

3. Music History and Musicology:

a. 1.0 credit in: 1.0

MUSI 1020 [1.0]   Thinking About Music

b. 2.0 credits in: 2.0

MUSI 2007 [0.5]   Popular Music 1945-1980

MUSI 2008 [0.5]   Music of the World's Peoples

MUSI 2108 [0.5]   Western Art Music 1750-1900

MUSI 2203 [0.5]   Music in Canada

c. 0.5 credit in Music History and Musicology at the 3000-level   0.5

~~4. 3.5 credits in MUSI, satisfying:~~   ~~3.5~~

d. 0.5 credit in Music History and Musicology at the 4000-level   0.5

4. 3.0 credits in MUSI, satisfying: 3.0

a. 1.0 credit in MUSI at the 2000-level

b. 1.0 credit in MUSI at the 3000-level

~~c. 1.5 credits in MUSI at the 4000-level~~

c. 1.0 credits in MUSI at the 4000-level

B. Credits Not Included in the Major CGPA (5.5 credits)

5. 3.0 credits not in MUSI, not cross-listed with MUSI   3.0

6. 2.5 credits in free electives   2.5

C. Additional Non-Credit Requirements

7. Satisfactory performance in eight Ensemble courses, which may be fulfilled by choir participation or by some other ensemble (see list in Course Categories, above).

Total Credits   20.0

New Resources	No New Resources
Summary	In the B.Mus Honours requirements, reduce degree requirement 4c (1.5 credits in Music at the 4000-level) by 0.5 credits to make room for a new degree requirement (3d) of 0.5 fourth-year credits in history-musicology.
Rationale for change	Executive summary submitted separately to accompany these changes.
Transition/Implementation	We do not foresee any issues with the implementation of this program change. Students admitted under previous catalogue years should have no trouble fulfilling the old requirement of 1.5 credits in Music at the 4000-level as we will continue to offer a sufficient number of 4th year classes to do so. Likewise, we will be sure to offer at least one 4th year history-musicology course per semester for students under the new degree requirements.
Program reviewer comments	**angelwagner (10/07/25 5:17 pm):** Changed to Major Modification.

Key: 723

Course Change Request

Date Submitted: 09/12/25 8:18 am

Viewing: **CRCJ 4908 : Honours Thesis**

Last approved: 03/13/24 5:26 am

Last edit: 12/04/25 12:08 pm

Changes proposed by: robindunbar

Calendar Pages referencing this course	Criminology and Criminal Justice Criminology and Criminal Justice (CRCJ)

In Workflow

1. **CRCJ ChairDir UG**
2. **PA FCC**
3. **PA FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. SQAPC
7. Senate
8. PRE CalEditor
9. Banner

Approval Path

1. 09/11/25 4:06 pm
   Angel Wagner
   (angelwagner):
   Rollback to Initiator
2. 09/12/25 3:50 pm
   Angel Wagner
   (angelwagner):
   Approved for CRCJ
   ChairDir UG
3. 09/24/25 3:26 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA FCC
4. 10/06/25 12:02 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA
   FBoard
5. 11/26/25 2:51 pm
   Angel Wagner
   (angelwagner):
   Approved for PRE
   SCCASP

History

1. Apr 11, 2014 by sandra
2. Jul 4, 2014 by sandra
3. Dec 25, 2017 by
   marilynginder
4. Mar 27, 2019 by
   marilynginder
5. Mar 13, 2024 by Robin
   Dunbar (robindunbar)

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Level	Undergraduate
Course Code	CRCJ
Course Number	4908
Title	Honours Thesis
Title (short)	Honours Thesis
Faculty	Faculty of Public Affairs
Academic Unit	Institute of Criminology and Criminal Justice
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Applied Research Project
Course Description	A faculty-supported research option in ~~seminar during~~ which students design and conduct an original empirical research ~~research~~ project under the direct supervision of a faculty member from the Institute of Criminology and Criminal Justice or any cross-appointed faculty member.
Prerequisite(s)	fourth-year standing in the B.A. Honours program in Criminology and Criminal Justice with a CGPA of 10.00 or better in the Major and permission of the Institute.
Class Format	Independent work 7-10 hours per week. Regular meetings with supervisor (bi-weekly). ~~Seminar three hours, bi-weekly.~~
Precluded Courses	
Also listed as	
Piggybacked Courses	
Grade Mode	Standard Letter Grade
Schedule Type	*Research Essay ~~Seminar~~ *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	Update course description and class format.

Rationale for change	Change in calendar language reflects the Thesis course moving from having a bi-weekly seminar taught by the ICCJ Director to a new format where students are supported through informally organized meetings with ICCJ faculty.
Course reviewer comments	**angelwagner (09/11/25 4:06 pm):** Rollback: Courseleaf approval error. Please resubmit. **angelwagner (10/16/25 2:19 pm):** Changed to major modification pending review by OAPSI. **angelwagner (12/04/25 12:08 pm):** Editorial: "during which" should be changed to "in which".

Key: 1600

Preview Bridge

Program Change Request

Date Submitted: 10/07/25 3:52 pm

Viewing: **TBD-1994 : R-GR-ADMREQT-Building Engineering MASc and MEng**

Last approved: 04/22/22 10:26 am

Last edit: 01/07/26 10:59 am

Last modified by: nataliephelan

Changes proposed by: burakgunay

Approval Path

1. 10/07/25 3:55 pm
   Burak Gunay
   (burakgunay): Approved
   for CIVE ChairDir GR
2. 11/03/25 9:49 am
   Jeffrey Erochko
   (jeffreyerochko):
   Approved for ENG Dean
3. 11/03/25 12:30 pm
   Jeffrey Erochko
   (jeffreyerochko):
   Approved for ENG GFCC
4. 11/27/25 4:02 pm
   Jeffrey Erochko
   (jeffreyerochko):
   Approved for ENG
   FBoard
5. 12/10/25 10:46 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. Apr 22, 2022 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program   Building Engineering

Effective Date	2026-27
Workflow	majormod
Program Code	TBD-1994
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	Department of Civil and Environmental Engineering
Degree	
Title	R-GR-ADMREQT-Building Engineering MASc and MEng

Program Requirements

Admission

M.A.Sc., M. Eng. Building Engineering

The normal requirement for admission to the M.A.Sc. and M.Eng. in Building Engineering is a bachelor's degree in an engineering or related program, with at least a B+ average. Applicants to the M.A.Sc. are required to include a research proposal statement.

Accelerated Pathway

The accelerated pathway in Building Engineering is a flexible and individualized plan of graduate study. Students in the final year of Bachelor of Engineering in Civil, Environmental, or Architectural Conservation and Sustainability Engineering with a demonstrated excellent aptitude for graduate studies and research may qualify for this option.

Students with a CGPA of 10.0 or higher, going into their final year of undergraduate study, and intending to apply to a master's degree in Building Engineering in the following academic year should consult with both the Undergraduate and Graduate Associate Chairs to determine if the accelerated pathway is appropriate for them and to confirm their selection of courses.

Upon approval for the accelerated pathway, students will replace a maximum of 1.0 credit of their engineering electives with 5000-level BLDG, CIVE, or ENVE courses. Students will receive advanced standing for the approved 5000-level courses in which they receive a grade of A- or higher.

New Resources	No New Resources
Summary	New admission pathway - accelerated pathway from BEng into MASc or MEng Building Engineering.
Rationale for change	This change will enable top undergraduate students to take graduate-level courses and expedite their onboarding to their graduate studies. This change also makes the Building Engineering program compatible with the other Graduate Programs in CEE.
Transition/Implementation	N/A - no impact on current students.

Program reviewer comments

nataliephelan (01/07/26 10:59 am): Per J. Erochko, who consulted with the CEE department: added CIVE and ENVE as options for students to take in the accelerated pathway. Confirmed by email Jan 7 2026.

Program Change Request

Date Submitted: 10/19/25 7:53 pm

Viewing: **TBD-1995 : R-GR-ADMREQT-Building Engineering PhD**

Last approved: 04/22/22 10:27 am

Last edit: 12/16/25 10:58 am

Last modified by: nataliephelan

[Changes proposed by: burakgunay](#)

In Workflow

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

Approval Path

1. 10/20/25 3:56 pm Burak Gunay (burakgunay): Approved for CIVE ChairDir GR
2. 11/03/25 9:51 am Jeffrey Erochko (jeffreyerochko): Approved for ENG GFCC
3. 11/27/25 4:02 pm Jeffrey Erochko (jeffreyerochko): Approved for ENG FBoard
4. 12/10/25 10:46 am Natalie Phelan (nataliephelan): Approved for PRE SCCASP

History

1. Apr 22, 2022 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program	[Building Engineering](#)
Effective Date	2026-27
Workflow	majormod
Program Code	TBD-1995

Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	Department of Civil and Environmental Engineering
Degree	Doctor of Philosophy
Title	R-GR-ADMREQT-Building Engineering PhD

Program Requirements

Admission

1. **Admission with master's degree**: ~~Ph.D.~~the ~~Building EngineeringThe~~ normal requirement for admission into the ~~to the~~ Ph.D. program ~~Building Engineering~~ is a master's degree with a thesis in ~~an~~ engineering or a related program. ~~program, with at least a A- average.~~

2. **Admission with bachelor's degree**: exceptional applicants holding an honours bachelor's degree in engineering or a related program 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 take extra coursework credits, equivalent to the coursework requirements of the master's with thesis degree less 0.5 credits, prescribed as additional requirements at the time of admission.

3. **Fast-track**: ~~Applicants are required to include a research proposalstatement.Students registered in theM.A.Sc.~~Students who have been admitted ~~Building Engineering program at Carleton University may be permitted~~ to a 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 course work with a CGPA of A of higher, and (b) significant promise for advanced research and the ability to defend their Ph.D. ~~program without completing the master's program, provided they meet the followingconditions: completion of 2.5 credits of master's-level courses with a minimum average of A-,demonstration of exceptional research potential,formal application for admission to the PhD program no later than the fourth semester of initial registration in theM.A.Sc.program, and~~proposal in ~~permission from~~ the first year ~~Director~~ of their Ph.D. ~~the Building Engineering programs.~~ program. The coursework requirements for fast-tracked students will be the same as those for students admitted with a bachelor's degree.

New Resources	No New Resources
Summary	The proposed change is intended to enable direct admission into PhD in Building Engineering with a Bachelor's degree.
Rationale for change	New University regulations approved by Grad Council, and heading to the Senate, permit direct-entry PhD. This change applies to BLDG PhD programs in all concentration areas - Fire Safety, Performance, and Heritage Conservation.
Transition/Implementation	No transition issues.Implementation starting Fall 2026.
Program reviewer comments	**nataliephelan (10/20/25 10:15 am):** Changed to major mod workflow. **nataliephelan (12/09/25 2:10 pm):** Language updates as requested by the department. **nataliephelan (12/10/25 8:54 am):** With input from J. Erochko, some further language edits made. **nataliephelan (12/16/25 10:53 am):** Following SCCASP on Dec 16 2025, changed "general" to "normal" in first bullet, for consistency across the calendar. **nataliephelan (12/16/25 10:58 am):** Per SCCASP December 16 2025, removed "pathway" from item 3, as this is a term defined in the glossary and so does not fit this context.

Key: 1995

Program Change Request

Date Submitted: 10/23/25 11:13 am

Viewing: **TBD-1169 : R-GR-ADMREQT-Civil Engineering PhD**

Last approved: 05/02/17 3:29 pm

Last edit: 12/16/25 10:59 am

Last modified by: nataliephelan

<u>Changes proposed by: nataliephelan</u>

In Workflow

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

Approval Path

1. 10/22/25 2:30 pm
   Yasser Hassan
   (yasserhassan):
   Rollback to Initiator
2. 10/23/25 12:24 pm
   Yasser Hassan
   (yasserhassan):
   Approved for CIVE
   ChairDir GR
3. 11/03/25 9:49 am
   Jeffrey Erochko
   (jeffreyerochko):
   Approved for ENG
   Dean
4. 11/03/25 12:30 pm
   Jeffrey Erochko
   (jeffreyerochko):
   Approved for ENG
   GFCC
5. 11/27/25 4:03 pm
   Jeffrey Erochko
   (jeffreyerochko):
   Approved for ENG
   FBoard
6. 12/10/25 10:47 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. Jun 11, 2015 by
   Sandra Bauer
   (sandrabauer)

2. Jan 13, 2016 by
   Yasser Hassan
   (yasserhassan)
3. May 2, 2017 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program	Civil Engineering
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1169
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	Department of Civil and Environmental Engineering
Degree	
Title	R-GR-ADMREQT-Civil Engineering PhD

Program Requirements

Admission

1. Admission with master's degree: the ~~AdmissionThe~~ normal requirement for admission into the ~~the~~ Ph.D. program is a master's degree with a thesis in civil engineering.
2. Admission with bachelor's degree: exceptional applicants holding an honours bachelor's degree in Civil Engineering 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 take extra coursework credits, equivalent to the coursework requirements of the master's with thesis degree less 0.5 credits, prescribed as additional requirements at the time of admission.
3. Fast-track: Students who have been admitted to the ~~a~~ master's program may be permitted to transfer into the ~~the~~ Ph.D. ~~program if they demonstrate:~~program if they demonstrate (a) outstanding ~~outstanding~~ academic performance by completing at least 2.5 credits of course work with a CGPA of A or ~~A- of~~ higher, and (b) significant promise for advanced research and the ability to defend their Ph.D. ~~significant promise for advanced research and the ability to defend theirPh.D.~~proposal in the first year of their Ph.D. program. ~~–~~ The coursework requirements for fast-tracked students will be the same as those for students admitted with a bachelor's degree.

New Resources	No New Resources
Summary	Including an additional pathway for admission.
Rationale for change	New University regulations approved by Grad Council, and heading to the Senate, permit direct-entry PhD. The other two are currently in the calendar.
Transition/Implementation	No transition issues.Implementation starting Fall 2026.
Program reviewer comments	**yasserhassan (10/22/25 2:30 pm):** Rollback: Sorry Siva for returning it again, please mark the change as majormod.

nataliephelan (12/09/25 2:12 pm): Language edits as requested by the department.
nataliephelan (12/10/25 8:56 am): With input from J. Erochko, some further language edits made.
nataliephelan (12/16/25 10:54 am): Following SCCASP on Dec 16 2025, changed "general" to "normal" in first bullet, for consistency across the calendar.
nataliephelan (12/16/25 10:59 am): Per SCCASP December 16 2025, removed "pathway" from item 3, as this is a term defined in the glossary and so does not fit this context.

Key: 1169

Program Change Request

Date Submitted: 10/19/25 10:26 pm

Viewing: **TBD-1654 : R-GR-ADMREQT-Environmental Engineering Ph.D.**

Last approved: 05/04/17 3:01 pm

Last edit: 10/30/25 3:56 pm

Last modified by: nataliephelan

Changes proposed by: paulsimms

In Workflow

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

Approval Path

1. 10/22/25 2:30 pm Yasser Hassan (yasserhassan): Approved for CIVE ChairDir GR
2. 11/03/25 9:51 am Jeffrey Erochko (jeffreyerochko): Approved for ENG GFCC
3. 11/27/25 4:03 pm Jeffrey Erochko (jeffreyerochko): Approved for ENG FBoard

History

1. May 4, 2017 by Sandra Bauer (sandrabauer)
2. May 4, 2017 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program	Environmental Engineering
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1654
Level	Graduate
Faculty	Faculty of Engineering and Design

Academic Unit	Department of Civil and Environmental Engineering
Degree	
Title	R-GR-ADMREQT-Environmental Engineering Ph.D.

Program Requirements

Admission

The normal requirement for admission into the Ph.D. Program in Environmental Engineering is completion of either a Master's degree in Environmental Engineering, or a Master's degree in an engineering discipline with an environmental specialization.

- Students wishing to enter the program who do not have either of these backgrounds will be evaluated on a case-by-case basis. Additional course requirements may be specified in some cases.
- Admission with bachelor's degree: Exceptional applicants holding an honours bachelor's degree in Environmental Engineering with an average of A- or better, with demonstrated potential for independent thought and advanced research, may be directly admitted to the PhD program. These candidates will be required take extra coursework credits, equivalent to the coursework requirements of the thesis master's degree minus 0.5 credits, prescribed at the time of admission as additional requirements.
- Fast-tracked pathway: Students who have been admitted to a master's program may be admitted into the Ph.D. program, without completing their master's program, if they demonstrate: (1) outstanding academic performance by completing at least 2.5 credits of course work that fulfil the breadth requirements as specified in the Master's degree requirements with a CGPA of A ~~A-~~ or higher, and (2) significant promise for advanced research and the ability to defend their Ph.D. proposal in the first year of their Ph.D. program. The coursework requirement for fast-tracked students will be the same as those admitted with a bachelor's degree.

~~program .~~

New Resources	No New Resources
Summary	To facilitate direct-entry from bachelor's program.
Rationale for change	Provides more flexibility for strong students from varying backgrounds to enter the PhD program.
Transition/Implementation	Applicable to Fall 2026 admissions.

| Program reviewer comments | **nataliephelan (10/20/25 10:16 am):** Changed to major mod workflow.
nataliephelan (10/30/25 3:56 pm): In FED GFCC on October 30 2025, it was noticed that the fast track CGPA should be A, whereas A- was inputted incorrectly. It is now fixed. |

Key: 1654

MEMORANDUM

To: **Vice-President's Academic and Research Committee (VPARC) for A1s**
Senate Quality Assurance and Planning Committee (SQAPC) for A2s

From: Professor Yiagadeesen Samy, Director, NPSIA
Professor Val Percival, Associate Director MA Program, NPSIA

CC: Brenda O'Neill, Dean, Faculty of Public and Global Affairs
Vandna Bhatia, Associate Dean Academic, Faculty of Public and Global Affairs

Date: 30 September 2025

Subject: Major Modification to NPSIA MA Program

Given the turbulent global context and its impact on Canada, the importance of a degree in international affairs to provide students with skills needed to understand and navigate the global context is higher than ever.

NPSIA proposes major modifications to its MA Program curriculum. Together with other efforts to increase NPSIA's efficiency and effectiveness (i.e. website revision, program and research guidance documentation), these curriculum changes will simplify the program while also preserving its integrity.

The proposed curriculum changes are summarized below and include:
* The reduction in the number of 'fields' from 8 fields to 4 fields;
* A change in the number of economics courses required to earn a field designation in International Trade and Economic Policy;
* The deletion of the internship option.

SUMMARY OF PROGRAM MODIFICATIONS

1.   Field Changes (Major Modification)

NPSIA's MA program is a 5.0 credit program organised around 'fields' of study. Each field includes a dedicated INAF economics course as well as a list of designated INAF field courses.

The eight current fields of study are as follows:
* Conflict Analysis and Conflict Resolution (CON)
* Diplomacy and Foreign Policy (DFP)
* Health, Displacement, and Humanitarian Policy (HDHP)
* Intelligence and International Affairs (IIA)
* International Development Policy (IDP)
* International Economic Policy (IEP)
* International Organizations and Global Policy (IOGP)
* Security and Defense Policy (SDP)

Fields are consequential elements of the program. Students are admitted to a field and once in the program, fields shape students' course selection. Students are given priority access to courses within their field. However, students may choose not to complete the requirements of any given field and graduate with a general M.A. in International Affairs without a field designation.

To earn a field designation, students must:
- Complete 0.5 credit in the field designated economics course.
- Complete an additional 1.5 credits in field designated courses.
  - Students who undertake an MRE or Thesis may receive 0.5 credits towards their field designation if their MRE/Thesis is in the topic of their field.

To reduce the subject matter duplication among some fields, and simplify the structure of the program, we propose reducing the number of fields from eight to four, primarily by merging several existing fields. As a result, each field will have more designated courses, and students will be able to more easily obtain a field designation. We anticipate that fewer fields – and the greater number of students in each field – will also ensure that the program is less siloed. Students will continue to have the option to complete their degree without a field designation.

After consultation within the Curriculum Committee and approval by NPSIA's Faculty Board, we identified the following four new fields. These four proposed fields cover the spectrum of issues in international affairs, combine the subjects covered by previous fields, reflect the evolving 'clustering' of key issues in international affairs and the employment opportunities associated with these clusters, and reflect NPSIA faculty strengths and course offerings.

International Trade and Economic Policy (ITEP):
Provides students with a foundation in basic international economic theory and examines policy questions and applications to institutional arrangements in areas of trade, foreign direct investment, finance, international economic law, and other international economic relations.

Diplomacy, International Organisations and Foreign Policy (DIFP):
Provides students with an in-depth understanding of the theories and practices of diplomacy, foreign policy, and global governance. Analyses the role of states, including Canada, and other policy actors in addressing global policy problems. Examines the role of international law, the formal UN system of international organizations, and non-state actors in shaping global governance.

Conflict, Fragility and Development (CFD):
Provides students with an in-depth understanding of the theories of economic and social development, displacement and humanitarian crises, and fragility and violent conflict. Examines policy responses to conflict, fragility and development, including humanitarian engagement, official development assistance, the role of non-state actors, and regional and international institutions.

National Security, Intelligence and Defence (NSID):
Provides students with an in-depth understanding of the core theories, concepts, challenges and controversies in security, intelligence and defence studies. Examines applied policy issues such as defence policy, civil-military relations, intelligence collection and analysis, and arms control and disarmament.

Furthermore, the number of field economics courses is being reduced from eight to five. We are introducing minor calendar modifications to eliminate three field economics courses and renaming the others to fit with their designated new fields.

The remaining five economics courses are:
- INAF 5009 – International Aspects of Economic Development → Economics of Development
- INAF 5205 – Economics of Conflict (no change)
- INAF 5214 – Economics for Defence and Security → Economics for Defence, Intelligence, and Security
- INAF 5308 – International Trade: Theory and Policy → International Trade and Finance: Theory and Policy
- INAF 5703 – International Public Economics (no change)

The three deleted courses are:
- INAF 5221 – Economics of Security and Intelligence (delete)
- INAF 5309 – International Finance: Theory and Policy (delete)
- INAF 5600 – The Economics of Human Development (delete)

For the International Trade and Economic Policy (ITEP) field, the number of economics courses required would be reduced from two 0.5 credit courses (INAF 5308 and INAF 5309) to one 0.5 credit course (INAF 5308).

This program change also requires collateral changes to the calendar language for NPSIA's participation in collaborative specialisations – namely African Studies, Climate Change, Cybersecurity, Data Science and Latin American and Caribbean Studies (LACS). These collateral modifications are being submitted concurrently with the major modifications and are summarized in the attached document.

2.   Deletion of the Internship Option (Major Modification)

We propose that the internship option and its associated courses (INAF 5914 and INAF 5915) be removed from the calendar.

NPSIA has not offered the internship option for several years.

Unpaid internships are illegal under the Province of Ontario's Employment Standards Act, with exceptions for cases where students receive course credit for the work.

While internships for course credit are legal, the student requires an organization willing to host them and a faculty member willing to supervise the internship.

After the Province of Ontario provided clarity on the legal status of unpaid internships, we have had not had any students who have found paid internships or internships for course credit.

NPSIA is unable to support this internship option for a number of reasons.

First, human resources are required to manage a strong internship program. A member of our administrative staff would have to recruit organizations to participate, advertise to students, organize

interviews for the organization, match the student internship with the expertise of faculty members, and monitor the progress of their internship. NPSIA does not have the human resource capacity to take on this task.

Second, if a student can independently find an internship and a faculty member willing to supervise academic work associated with that internship, they have the option of registering for a Directed Reading class (INAF 5901) to earn academic credit.

And third, NPSIA has an active coop program. Below is a chart that outlines a) the total number of NPSIA students that secured coop placement; b) the number of students who applied to coop placements, and c) the total number of students enrolled in our M.A. program. This data illustrate that students have an excellent opportunity to gain the kind of work experience previously acquired through internships through paid coop placements.

	Fall 2023	Winter 2024	Summer 2024	Fall 2024	Winter 2025	Summer 2025	Fall 2025
a) NPSIA Students who Secured COOP Placements	46	5	49	37	18	51	43
b) NPSIA Students who Applied to Job Postings	46	6	58	41	18	77	51
c) Total M.A. Student Enrollment (per term)	219	149	77	225	159	91	276

CONSIDERATIONS

1. **Impact on Other Programs**

   We do not foresee a significant impact on other programs resulting from the reduction in the number of NPSIA fields from eight to four.

2. **Impact on Learning Outcomes**

   We do not anticipate any impact on student learning outcomes. The proposed fields cover the key issues in international affairs today.

3. **Societal Need**

   The proposed fields reflect the evolving 'clustering' of key issues in international affairs and the employment opportunities associated with these clusters. These calendar changes ensure that our program continues to provide students with the analytical skills to understand the complex global context and be competitive in the job market.

4. **Impact on Students**

The proposed reduction in the number of fields will impact on the student experience in several ways:

- The core economics classes for each field will be significantly larger.
- We can more easily ensure that there are sufficient field course offerings each term. This will help ensure students can receive their field designation.
- Each field will have more students with diverse interests, which will ensure students have a less siloed/bifurcated program and a more enriching learning experience.

5. **Resources**

Faculty resources: No additional faculty resources are required.

Contract instructors: No additional contract instructors are required.

Administrative support: No additional administrative support is required.

Library resources: No impact on library resources.

Space: No requirement for additional space.

Equipment: No impact on equipment.

Graduate student funding: No impact on graduate student funding.

6. **Governance**

These curriculum changes will provide more efficient governance of the program. The reduction in fields means that fewer field economics and field designated courses need to be offered each year.

7. **Tuition**

These calendar changes do not impact tuition.

Program Change Request

Date Submitted: 09/23/25 1:40 pm

Viewing: **MA-43 : M.A. International Affairs**

Last approved: 05/12/25 1:10 pm

Last edit: 12/16/25 11:07 am

Last modified by: nataliephelan

Changes proposed by: valeriepercival

In Workflow

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

Approval Path

1. 09/07/25 3:03 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Approved for INAF
   ChairDir GR
2. 09/09/25 4:45 pm
   Vandna Bhatia
   (vandnabhatia):
   Rollback to INAF
   ChairDir GR for PA
   Dean
3. 09/09/25 5:20 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Rollback to Initiator
4. 09/16/25 3:02 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Approved for INAF
   ChairDir GR
5. 09/22/25 12:46 pm
   Vandna Bhatia
   (vandnabhatia):
   Rollback to Initiator
6. 09/23/25 11:42 am
   Yiagadeesen Samy
   (yiagadeesensamy):
   Rollback to Initiator
7. 09/23/25 1:54 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Approved for INAF
   ChairDir GR
8. 09/30/25 2:54 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA Dean

9. 10/28/25 1:37 pm Vandna Bhatia (vandnabhatia): Approved for PA GFCC
10. 11/27/25 4:29 pm Vandna Bhatia (vandnabhatia): Approved for PA FBoard
11. 12/10/25 10:46 am Natalie Phelan (nataliephelan): Approved for PRE SCCASP

History

1. Jun 2, 2014 by sandra
2. Aug 18, 2014 by sandra
3. Aug 18, 2014 by sandra
4. Aug 27, 2014 by sandra
5. Aug 27, 2014 by sandra
6. Aug 27, 2014 by sandra
7. Sep 4, 2014 by sandra
8. Sep 4, 2014 by sandra
9. Mar 5, 2015 by Tabbatha Malouin (tabbathamalouin)
10. May 25, 2015 by sandra
11. Jun 2, 2015 by Sandra Bauer (sandrabauer)
12. Jun 2, 2015 by Sandra Bauer (sandrabauer)
13. Jan 7, 2016 by Tabbatha Malouin (tabbathamalouin)
14. Apr 6, 2016 by Tabbatha Malouin (tabbathamalouin)
15. May 5, 2017 by Sandra Bauer (sandrabauer)
16. May 5, 2017 by Sandra Bauer (sandrabauer)
17. Mar 22, 2019 by Tabbatha Malouin (tabbathamalouin)
18. May 14, 2019 by mikelabreque
19. Feb 10, 2020 by Tabbatha Malouin (tabbathamalouin)
20. Aug 24, 2020 by Sarah Cleary (sarahcleary)

21. Apr 23, 2021 by
    Natalie Phelan
    (nataliephelan)
22. May 12, 2021 by
    Natalie Phelan
    (nataliephelan)
23. Jan 26, 2023 by
    Coleen Kornelsen
    (coleenkornelsen)
24. Apr 17, 2025 by
    Coleen Kornelsen
    (coleenkornelsen)
25. May 12, 2025 by
    Natalie Phelan
    (nataliephelan)

Calendar Pages Using this Program	International Affairs
Effective Date	2026-27
Workflow	majormod minormod
Program Code	MA-43
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	Norman Paterson School of International Affairs
Degree	Master of Arts
Title	M.A. International Affairs

Program Requirements

Program Requirements

M.A. International Affairs (5.0 credits)

Full-time program requirements

NPSIA's M.A. Students admitted to the full-time program must complete all of the degree requirements within two calendar years or six terms of full-time study. in International Affairs is a 5.0 credit professional program with four fields. Students may who choose not to complete their degree with a the requirements of any given field designation or may may still graduate with a with a general M.A. in International Affairs without a field designation. See the Fields section below for additional information.

Students admitted to the full-time program must complete all of the degree requirements within two calendar years (six terms) of full-time study. Students admitted into the full-time program are expected to continue to register as full-time students until completion of their program.

program.
 Requirements - Thesis pattern (5.0 credits)

1. **1.5 credits in:**   1.5
   INAF 5015 [0.5]   Research Design and Methods for International Affairs
   INAF 5016 [0.5]   Statistical Analysis for International Affairs
   INAF 5017 [0.25]   International Policymaking in Canada: Structure and Process
   INAF 5018 [0.25]   Law and International Affairs
2. **0.5 credit in** economics, successfully completed by the end of the second term, from (See Note 1, below):   0.5
   INAF 5009 [0.5]   Economics of Development
   INAF 5205 [0.5]   Economics of Conflict
   INAF 5214 [0.5]   Economics for National Security, Intelligence and Defence
   ~~INAF 5221~~ ~~[0.0]~~ ~~Course INAF 5221 Not Found~~
   INAF 5308 [0.5]   International Trade and Finance: Theory and Policy
   ~~INAF 5309~~ ~~[0.0]~~ ~~Course INAF 5309 Not Found~~
   ~~INAF 5600~~ ~~[0.0]~~ ~~Course INAF 5600 Not Found~~
   INAF 5703 [0.5]   International Public Economics
3. **1.0 credit in** Field and Elective courses (See Notes 2 and 3, below)   1.0
4. **2.0 credits in:**   2.0
   INAF 5909 [2.0]   M.A. Thesis
5. Successful completion of second language proficiency examination (see Note 4, below)
Total Credits   5.0

Requirements - Research Essay pattern (5.0 credits)

1. **1.5 credit in:**   1.5
   INAF 5015 [0.5]   Research Design and Methods for International Affairs
   INAF 5016 [0.5]   Statistical Analysis for International Affairs
   INAF 5017 [0.25]   International Policymaking in Canada: Structure and Process
   INAF 5018 [0.25]   Law and International Affairs
2. **0.5 credit in** economics, successfully completed by the end of the second term, from (See Note 1, below):   0.5
   INAF 5009 [0.5]   Economics of Development
   INAF 5205 [0.5]   Economics of Conflict
   INAF 5214 [0.5]   Economics for National Security, Intelligence and Defence
   ~~INAF 5221~~ ~~[0.0]~~ ~~Course INAF 5221 Not Found~~
   INAF 5308 [0.5]   International Trade and Finance: Theory and Policy
   ~~INAF 5309~~ ~~[0.0]~~ ~~Course INAF 5309 Not Found~~
   ~~INAF 5600~~ ~~[0.0]~~ ~~Course INAF 5600 Not Found~~
   INAF 5703 [0.5]   International Public Economics
3. **2.0 credits in** Field and Elective courses (See Notes 2 and 3, below)   2.0
4. **1.0 credit in:**   1.0
   INAF 5908 [1.0]   Research Essay
5. Successful completion of second language proficiency examination (see Note 4, below)
Total Credits   5.0

Requirements - Coursework pattern (5.0 credits)

1. **1.0 credit in:**   1.0
   INAF 5016 [0.5]   Statistical Analysis for International Affairs
   INAF 5017 [0.25]   International Policymaking in Canada: Structure and Process
   INAF 5018 [0.25]   Law and International Affairs
2. **0.5 credit in** economics, successfully completed by the end of the second term, from: (See Note 1, below)   0.5
   INAF 5009 [0.5]   Economics of Development
   INAF 5205 [0.5]   Economics of Conflict
   INAF 5214 [0.5]   Economics for National Security, Intelligence and Defence
   ~~INAF 5221~~ ~~[0.0]~~ ~~Course INAF 5221 Not Found~~

INAF 5308 [0.5]   International Trade and Finance: Theory and Policy

~~INAF 5309~~ ~~[0.0]~~   ~~Course INAF 5309 Not Found~~

~~INAF 5600~~ ~~[0.0]~~   ~~Course INAF 5600 Not Found~~

INAF 5703 [0.5]   International Public Economics

3. 3.5 credits of Field and Elective courses (See Notes 2 and 3, below)   3.5

4. Successful completion of second language proficiency examination (see Note 4, below)

Total Credits   5.0

~~The program may be completed within one calendar year, though it normally takes at least four terms of full-timestudy.A minimum of 1.5 credits must normally be completed in each of the first two terms of full-time study, including the mandatory programcourses.All courses used for credit in the degree must be approved in advance by theM.A.ProgramSupervisor.~~Notes:

1. Students ~~All students~~ must complete the 0.5 credit economics course for their designated field. ~~field, or an approved alternate economics course.~~ This economics course does not count towards the 1.5 credits required for a field designation (see Note 2). The M.A. Associate Director may grant an exemption for students who have successfully completed an equivalent graduate or advanced-level undergraduate economics course. ~~For students in the IEP field both INAF 5308 and INAF 5309, or approved equivalent, must be completed in order to receive the fielddesignation.If students choose to complete by Research Essay or Thesis, 0.5 credit will be applied towards the fielddesignation.For elective courses, 1.5 credits of the total required 5.0 credits may be selected from courses offered in other departments, with a maximum of 1.0 credit from a single department and a maximum of 1.0 credit selected from fourth year undergraduatecourses.~~In that case students ~~Any course not identified as an INAF 5000-level course~~ must take an alternative economics course ~~be~~ approved by the M.A. Associate Director. Students without a field designation may ~~If students choose to~~ complete any one of ~~by Research Essay or Thesis, 0.5 credit will be applied towards~~ the listed INAF 0.5 credit economics courses. ~~field designation.~~

2. Students have ~~For students in~~ the option to earn a ~~IEP~~ field designation by taking 1.5 credits in designated ~~both INAF 5308 and INAF 5309, or approved equivalent, must be completed in order to receive the~~ field courses, or to complete their degree without a field designation. If students choose to complete by Research Essay or Thesis, and the Research Essay or Thesis is relevant to the field, 0.5 credit may be applied towards the field designation.

3. With advanced approval of the M.A. Associate Director, students ~~For elective courses, 1.5 credits of the total required 5.0 credits~~ may take ~~be selected from courses offered in other departments, with~~ a maximum of 1.5 credits in courses offered outside the School, with ~~of 1.0 credit from~~ a maximum of 1.0 credit in a single subject ~~department~~ and a maximum of 1.0 credit at the 4000-level.

4. ~~a maximum of 1.0 credit selected from fourth year undergraduate courses.ProgramSupervisor.~~Students must successfully complete an examination in second language proficiency administered by Carleton University's School of Linguistics and Language Studies, or meet the equivalent standard as determined by the School of Linguistics and Language Studies.

Fields

NPSIA's M.A. program includes four ~~eight~~ fields. Each field has ~~at least~~ one associated ~~designated~~ economics course and designated ~~a set of designated~~ field courses. ~~Each student is admitted into a field and receives priority in the required economics course and in any three of the non-shared designated fieldcourses.~~Students who complete the associated field ~~required~~ economics course and 1.5 credits in ~~three~~ designated field ~~field~~ courses may receive a field ~~field concentration~~ designation on their academic transcript and diploma. Courses marked below with an asterisk (*) are shared across fields and may be applied towards any associated field concentration. ~~diploma.~~

Descriptions of each field can be found on the NPSIA website.

~~Students who choose not to complete the requirements of any given field may still graduate with a generalM.A.in International Affairs without a fielddesignation.Courses marked with an asterisk (*) are shared courses with limited enrolment; students in the field may claim such courses towards their field concentration but do not have priority for the limited space in thosecourses.Students who already have a graduate or senior undergraduate economics course that is deemed to be the equivalent of the required economics course for their field must take another economics course from theSchool.Students with economics courses similar to those offered by the school must see theM.A.Program Supervisor to determine which economics course they should betaking.~~The fields are:

International Trade and Economic Policy (ITEP)

Required economics courses: INAF 5308 or equivalent.
Designated Field Courses:

INAF 5101 [0.5]	The Politics and Institutions of International Trade
INAF 5300 [0.5]	Foreign Direct Investment: Theory and Policy
INAF 5306 [0.5]	Trade Policy in North America
INAF 5312 [0.5]	The Practice of Trade Negotiations
INAF 5400 [0.5]	Trade Policy Analysis
INAF 5401 [0.5]	International Financial Institutions and Policy
INAF 5410 [0.5]	Global Public Policy
INAF 5459 [0.5]	Selected Topics in International Trade and Economic Policy
INAF 5501 [0.5]	Global Political Economy
INAF 5502 [0.5]	State Sovereignty and Globalization
INAF 5507 [0.5]	International Economic Law: Regulation of Trade and Investment [*]
INAF 5711 [0.5]	International Labour Migration

Conflict, Fragility and Development (CFD)

Required economics course: INAF 5009 or INAF 5205 or equivalent
Required economics course: INAF 5205
Designated Field Courses:

INAF 5002 [0.5]	International Development Policy
INAF 5006 [0.5]	Food Security and Rural Development
INAF 5007 [0.5]	Theories of Development and Underdevelopment
INAF 5108 [0.5]	Conflict Analysis
INAF 5109 [0.5]	Conflict Management: Theory and Evidence
INAF 5200 [0.5]	Peacebuilding and Reconstruction: Theory and Practice
INAF 5202 [0.5]	Contemporary International Security [*]
INAF 5203 [0.5]	International Mediation and Conflict Resolution
INAF 5209 [0.5]	Conflict and Development
INAF 5218 [0.5]	Post-Conflict Justice: Theory and Practice
INAF 5219 [0.5]	Rights, Development, and Conflict [*]
INAF 5305 [0.5]	International Bargaining and Negotiation: Theory and Practice
INAF 5429 [0.5]	Selected Topics in Diplomacy International Organisations and Foreign Policy
INAF 5408 [0.5]	Gender in International Affairs
INAF 5449 [0.5]	Selected Topics in Conflict, Fragility and Development
INAF 5506 [0.5]	International Law: Use of Force [*]
INAF 5602 [0.5]	Development Assistance: Theory and Practice
INAF 5603 [0.5]	Issues in Development in Africa
INAF 5604 [0.5]	Issues in Development in Latin America
INAF 5609 [0.5]	Development Project Evaluation and Analysis
INAF 5610 [0.5]	Fragile States: Theory and Policy
INAF 5612 [0.5]	International Development Institutions
INAF 5701 [0.5]	Global Environmental Change: Human Implications
INAF 5704 [0.5]	Human Security: From Policy to Practice
INAF 5705 [0.5]	Global Social Policy

INAF 5706 [0.5]	Global Health Policy	
INAF 5707 [0.5]	Complex Humanitarian Emergencies	
INAF 5708 [0.5]	Humanitarian Assistance: Policies and Issues	
INAF 5709 [0.5]	Human Rights: International Politics and Policies	
INAF 5710 [0.5]	Global Governance of Displacement	
INAF 5711 [0.5]	International Labour Migration	
INAF 5714 [0.5]	Global Health Security	

National Security, Intelligence and Defence (NSID)

Required economics course: INAF 5205 or INAF 5214 or equivalent.

Designated Field Courses:

INAF 5108 [0.5]	Conflict Analysis	0.5
INAF 5201 [0.5]	Disarmament, Arms Control and Nonproliferation *	0.5
INAF 5202 [0.5]	Contemporary International Security	0.5
INAF 5204 [0.5]	Intelligence and International Affairs	0.5
INAF 5206 [0.5]	Civil-Military Relations	0.5
INAF 5208 [0.5]	U.S. Foreign and Security Policy	0.5
INAF 5210 [0.5]	Technology and War	0.5
INAF 5211 [0.5]	Comparative Defence Policy	0.5
INAF 5212 [0.5]	Issues in War and Defence Studies	0.5
INAF 5220 [0.5]	Intelligence Analysis	0.5
INAF 5223 [0.5]	Counterterrorism	0.5
INAF 5224 [0.5]	Intelligence and National Security	0.5
INAF 5225 [0.5]	Cybersecurity in Canada	0.5
INAF 5226 [0.5]	Cyber Warfare	0.5
INAF 5228 [0.5]	Espionage and Foreign Influence	0.5
INAF 5234 [0.5]	National Security Policy and Law	0.5
INAF 5244 [0.5]	Terrorism and International Security	0.5
INAF 5254 [0.5]	Capstone in Canadian Security Policy *	0.5
INAF 5301 [0.5]	Strategic Foresight in International Security	0.5
INAF 5411 [0.5]	Internet Governance	0.5
INAF 5439 [0.5]	Selected Topics in National Security, Intelligence and Defence	0.5
INAF 5506 [0.5]	International Law: Use of Force	0.5

Diplomacy, International Organizations and Foreign Policy (DIFP)

Required economics course: INAF 5308 or INAF 5703 or equivalent.

Required economics course: INAF 5703.

Designated Field Courses:

INAF 5100 [0.5]	Canada in International Affairs
INAF 5101 [0.5]	The Politics and Institutions of International Trade *
INAF 5201 [0.5]	Disarmament, Arms Control and Nonproliferation
INAF 5203 [0.5]	International Mediation and Conflict Resolution
INAF 5207 [0.5]	Middle East Economic and Political Relations
INAF 5208 [0.5]	U.S. Foreign and Security Policy
INAF 5305 [0.5]	International Bargaining and Negotiation: Theory and Practice
INAF 5306 [0.5]	Trade Policy in North America

INAF 5312 [0.5]   The Practice of Trade Negotiations

INAF 5401 [0.5]   International Financial Institutions and Policy [*]

INAF 5403 [0.5]   Diplomacy and Foreign Policy: Theory and Practice

INAF 5404 [0.5]   Advanced Canadian Foreign Policy

INAF 5405 [0.5]   International Organizations in International Affairs

INAF 5408 [0.5]   Gender in International Affairs

INAF 5410 [0.5]   Global Public Policy

INAF 5411 [0.5]   Internet Governance

INAF 5479 [0.5]   Selected Topics in Diplomacy, International Organizations, and Foreign Policy

INAF 5501 [0.5]   Global Political Economy

INAF 5502 [0.5]   State Sovereignty and Globalization [*]

INAF 5504 [0.5]   Advanced International Law: Principles and Practice

INAF 5510 [0.5]   Law and Diplomacy

INAF 5605 [0.5]   The Ethical Dimension of International Affairs

INAF 5612 [0.5]   International Development Institutions [*]

INAF 5701 [0.5]   Global Environmental Change: Human Implications

INAF 5702 [0.5]   International Environmental Affairs

INAF 5705 [0.5]   Global Social Policy

INAF 5706 [0.5]   Global Health Policy

INAF 5709 [0.5]   Human Rights: International Politics and Policies

INAF 5710 [0.5]   Global Governance of Displacement

INAF 5711 [0.5]   International Labour Migration

INAF 5800 [0.5]   Asia Pacific Economic and Political Relations

INAF 5803 [0.5]   European Economic Integration

INAF 5805 [0.5]   The EU in International Affairs

INAF 5807 [0.5]   The European Union and its Eastern Neighbours

International Economic Policy Conflict Analysis and Conflict Resolution Security and Defence Policy Intelligence and International Affairs

Examines the function, limits and impact of intelligence collection and analysis in foreign and international security policy, using both theoretical and practical approaches.

Required economics course: INAF 5221

Designated Courses:

INAF 5204 [0.5]	Intelligence and International Affairs	0.5
INAF 5220 [0.5]	Intelligence Analysis	0.5
INAF 5223 [0.5]	Counterterrorism	0.5
INAF 5224 [0.5]	Intelligence and National Security	0.5
INAF 5225 [0.5]	Cybersecurity in Canada	0.5
INAF 5226 [0.5]	Cyber Warfare	0.5
INAF 5228 [0.5]	Espionage and Foreign Influence	0.5
INAF 5234 [0.5]	National Security Policy and Law [*]	0.5
INAF 5244 [0.5]	Terrorism and International Security	0.5
INAF 5254 [0.5]	Capstone in Canadian Security Policy	0.5
INAF 5301 [0.5]	Strategic Foresight in International Security	0.5
INAF 5411 [0.5]	Internet Governance	0.5
INAF 5469 [0.5]	Selected Topics in National Security, Intelligence, and Defence	0.5

International Organizations and Global Public Policy International Development Policy

Examines the difficulties faced by poor and developing countries and the policy responses that have emerged at the international level, including development assistance, international institutions and regional cooperation.

Required economics course: INAF 5009 or equivalent.

Designated Courses:

INAF 5002 [0.5]	International Development Policy
INAF 5006 [0.5]	Food Security and Rural Development
INAF 5007 [0.5]	Theories of Development and Underdevelopment
INAF 5209 [0.5]	Conflict and Development [*]
INAF 5219 [0.5]	Rights, Development, and Conflict
INAF 5489 [0.0]	Course INAF 5489 Not Found
INAF 5602 [0.5]	Development Assistance: Theory and Practice [*]
INAF 5603 [0.5]	Issues in Development in Africa
INAF 5604 [0.5]	Issues in Development in Latin America
INAF 5609 [0.5]	Development Project Evaluation and Analysis [*]
INAF 5610 [0.5]	Fragile States: Theory and Policy [*]
INAF 5612 [0.5]	International Development Institutions
INAF 5705 [0.5]	Global Social Policy
INAF 5706 [0.5]	Global Health Policy
INAF 5711 [0.5]	International Labour Migration

Health, Displacement and Humanitarian Policy

Examines global health challenges and humanitarian crises, including refugees and displacement, analyses how these issues impact socio-economic development and security, and assesses international responses.

Required economics course: INAF 5600 or equivalent.

Designated courses:

INAF 5006 [0.5]	Food Security and Rural Development
INAF 5200 [0.5]	Peacebuilding and Reconstruction: Theory and Practice
INAF 5203 [0.5]	International Mediation and Conflict Resolution [*]
INAF 5219 [0.5]	Rights, Development, and Conflict
INAF 5408 [0.5]	Gender in International Affairs
INAF 5499 [0.0]	Course INAF 5499 Not Found
INAF 5602 [0.5]	Development Assistance: Theory and Practice [*]
INAF 5603 [0.5]	Issues in Development in Africa
INAF 5604 [0.5]	Issues in Development in Latin America
INAF 5609 [0.5]	Development Project Evaluation and Analysis
INAF 5610 [0.5]	Fragile States: Theory and Policy
INAF 5704 [0.5]	Human Security: From Policy to Practice
INAF 5706 [0.5]	Global Health Policy
INAF 5707 [0.5]	Complex Humanitarian Emergencies
INAF 5708 [0.5]	Humanitarian Assistance: Policies and Issues
INAF 5710 [0.5]	Global Governance of Displacement
INAF 5714 [0.5]	Global Health Security

Diplomacy and Foreign Policy

Examines the theory, legal framework and practice of diplomacy and foreign policy, and analyzes the statecraft of Canada and major world powers, as well as regional inter-state relations.

Required economics course: INAF 5009, INAF 5308, INAF 5309, or INAF 5703 or equivalent.

INAF 5100 [0.5]	Canada in International Affairs	0.5
INAF 5201 [0.5]	Disarmament, Arms Control and Nonproliferation	0.5
INAF 5203 [0.5]	International Mediation and Conflict Resolution	0.5
INAF 5207 [0.5]	Middle East Economic and Political Relations	0.5
INAF 5208 [0.5]	U.S. Foreign and Security Policy	0.5
INAF 5305 [0.5]	International Bargaining and Negotiation: Theory and Practice	0.5
INAF 5306 [0.5]	Trade Policy in North America	0.5

~~INAF 5312 [0.5]~~	~~The Practice of Trade Negotiations~~	~~0.5~~
~~INAF 5403 [0.5]~~	~~Diplomacy and Foreign Policy: Theory and Practice~~	~~0.5~~
~~INAF 5405 [0.5]~~	~~International Organizations in International Affairs~~	~~0.5~~
~~INAF 5410 [0.5]~~	~~Global Public Policy~~	~~0.5~~
~~INAF 5429 [0.5]~~	~~Selected Topics in Diplomacy International Organisations and Foreign Policy~~	~~0.5~~
~~INAF 5501 [0.5]~~	~~Global Political Economy~~	~~0.5~~
~~INAF 5510 [0.5]~~	~~Law and Diplomacy~~	~~0.5~~
~~INAF 5605 [0.5]~~	~~The Ethical Dimension of International Affairs~~	~~0.5~~
~~INAF 5701 [0.5]~~	~~Global Environmental Change: Human Implications~~	~~0.5~~
~~INAF 5706 [0.5]~~	~~Global Health Policy~~	~~0.5~~
~~INAF 5709 [0.5]~~	~~Human Rights: International Politics and Policies~~	~~0.5~~
~~INAF 5800 [0.5]~~	~~Asia Pacific Economic and Political Relations~~	~~0.5~~
~~INAF 5805 [0.5]~~	~~The EU in International Affairs~~	~~0.5~~

~~Students that are admitted into the MA International Affairs program, with the approval of the NPSIA Admissions Committee, may receive advanced standing with transfer of credit of up to 1.0 credit in INAF courses at the 5000-level with a grade of B+ or higher, which can reduce their time to completion. Please note:INAF courses eligible for advanced standing cannot include the core requirements of the NPSIA M.A.program.~~

New Resources	No New Resources
Summary	Edits include both Major and Minor Modifications.
	We propose reducing the number of fields from eight to four, in part due to the reduction of course offerings. (MAJOR)
	The economics requirements for the International Trade and Economic Policy Field (formerly International Economic Policy) have been reduced from two INAF economics courses (INAF 5308 and INAF 5309) to one INAF economics course (INAF 5308). (MAJOR)
	We edited the introductory language to rationalise it and ensure consistency with calendar language.
	We have removed the descriptions of the fields from the calendar language and directed students to the NPSIA website.
	Special topics courses were renamed to align with the new fields. We deleted special topics courses that were aligned to fields that are no longer being offered.
Rationale for change	Proposed curriculum changes will help preserve the integrity of our program in the face of budget cuts. Maintaining eight fields of study became difficult in the 2025/26 calendar year. Contract Instructors, including policy practitioners, consistently taught NPSIA courses. Given the cuts to the Contract Instructor budget, NPSIA was forced to reduce its course offerings by approximately 20 percent from 2024/25 to 2025/26. This reduction in courses has impacted on the number of field courses available for students. These four proposed fields cover the spectrum of issues in international affairs, combine the subjects covered by previous fields, reflect the evolving 'clustering' of key issues in international affairs and the employment opportunities associated with these clusters, and reflect NPSIA faculty strengths and course offerings.
Transition/Implementation	Curriculum changes would be implemented in the 2026/27 Calendar Year.
	Students admitted in 2025/26 will not be impacted by these changes.
Program reviewer comments	**vandnabhatia (09/09/25 4:45 pm):** Rollback: Review and revise as per email communication. **yiagadeesensamy (09/09/25 5:20 pm):** Rollback: To address Vandna's comment. **vandnabhatia (09/22/25 12:46 pm):** Rollback: For corrections and updates, as

communicated.

yiagadeesensamy (09/23/25 11:42 am): Rollback: Re: Vandna

nataliephelan (11/26/25 9:41 am): Per V. Bhatia and V. Percival (email Nov 26 2025), added INAF 5404 to the DIFP field options; course was omitted in error.

nataliephelan (11/26/25 9:42 am): Removed courses that are being deleted eff. 202650 from the various pathways.

nataliephelan (12/16/25 11:07 am): Per SCCASP December 16 2025, added brackets to "six terms" to match how we talk about completion timeframes elsewhere in the calendar. Reordered the sentences in Note 1 to improve clarity.

Key: 962

Course Change Request

A deleted record cannot be edited

Course Delete Proposal

Date Submitted: 09/23/25 1:28 pm

Viewing: **INAF 5915 : Internship Placement**

Last approved: 03/25/22 4:38 am

Last edit: 09/23/25 1:32 pm

Changes proposed by: valeriepercival

Calendar Pages referencing this course	International Affairs International Affairs (INAF)

In Workflow

1. **INAF ChairDir GR**
2. **PA Dean**
3. **PA GFCC**
4. **PA FBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. SQAPC
8. Senate
9. CalEditor
10. Banner

Approval Path

1. 09/07/25 3:03 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Approved for INAF
   ChairDir GR
2. 09/09/25 4:43 pm
   Vandna Bhatia
   (vandnabhatia):
   Rollback to INAF
   ChairDir GR for PA
   Dean
3. 09/09/25 5:20 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Rollback to Initiator
4. 09/16/25 3:02 pm
   Yiagadeesen Samy
   (yiagadeesensamy):
   Approved for INAF
   ChairDir GR
5. 09/19/25 4:33 pm
   Vandna Bhatia
   (vandnabhatia):
   Approved for PA Dean
6. 09/23/25 10:05 am
   Vandna Bhatia
   (vandnabhatia):
   Rollback to INAF
   ChairDir GR for PA
   GFCC
7. 09/23/25 11:49 am
   Yiagadeesen Samy
   (yiagadeesensamy):
   Rollback to Initiator

8. 09/23/25 1:32 pm
Yiagadeesen Samy
(yiagadeesensamy):
Approved for INAF
ChairDir GR
9. 09/30/25 2:48 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA Dean
10. 10/28/25 1:37 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA GFCC
11. 11/27/25 4:29 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA
FBoard
12. 12/10/25 10:46 am
Natalie Phelan
(nataliephelan):
Approved for PRE
SCCASP

History

1. Mar 25, 2022 by
Sandra Bauer
(sandrabauer)

Effective Date	2026-27
Workflow	majormod
Level	Graduate
Course Code	INAF
Course Number	5915
Title	Internship Placement
Title (short)	Internship Placement
Faculty	Faculty of Public Affairs
Academic Unit	Norman Paterson School of International Affairs
Credit Value	0.50
Special/Selected Topics	
Significant Experiential Learning	Internships

Course Description	Applied experience through a placement at an organization working in an area of international affairs or policy. An academic supervisor oversees the placement and related assessments.
Prerequisite(s)	Full-time registration in the NPSIA M.A. or M.A.-JD program.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	Other
	*May constitute a major modification under Carleton's IQAP. Please consult https://carleton.ca/viceprovost/major-minor-modifications/ for more details.
Unpaid Placement	Yes
Summary	NPSIA no longer offers an internship placement. We propose de-activating this course.
Rationale for deactivation	We propose that this course be removed from the calendar.
	NPSIA has not offered the internship option for several years.
	Unpaid internships are illegal under the Province of Ontario's Employment Standards Act, with exceptions for cases where students receive course credit for the work.
	While internships for course credit are legal, the student requires an organization willing to host them and a faculty member willing to supervise the internship.
	After the Province of Ontario provided clarity on the legal status of unpaid internships, we have not had any students who have found paid internships or internships for course credit.
	NPSIA is unable to support this internship option for a number of reasons.
	First, human resources are required to manage a strong internship program. A member of our administrative staff would have to recruit organizations to participate, advertise to students, organize interviews for the organization, match the student internship with the expertise of faculty members, and monitor the progress of their internship. NPSIA does not have the human resource capacity to take on this task.
	Second, if a student can independently find an internship and a faculty member willing to supervise academic work associated with that internship, they have the option of registering for a Directed Reading class (INAF 5901) to earn academic credit.
	And third, NPSIA has an active coop program.
Course reviewer comments	**vandnabhatia (09/09/25 4:43 pm):** Rollback: Please provide a rationale for why the program is/has been inactive and should be deleted. **yiagadeesensamy (09/09/25 5:20 pm):** Rollback: Vandna's comment **nataliephelan (09/16/25 2:39 pm):** Changed effective date to 26-27; this is the calendar

from which the course will be removed, even if the course hasn't been offered for a period of time already.

vandnabhatia (09/23/25 10:05 am): Rollback: Update rationale

yiagadeesensamy (09/23/25 11:49 am): Rollback: Re: Vandna

Key: 10240

Preview Bridge

Course Change Request

A deleted record cannot be edited

Course Delete Proposal

Date Submitted: 09/23/25 1:28 pm

Viewing: **INAF 5914 : Internship Placement**

Last approved: 03/13/19 3:20 am

Last edit: 09/23/25 1:33 pm

Changes proposed by: valeriepercival

Calendar Pages referencing this course	International Affairs International Affairs (INAF)
Programs referencing this course	R-GR-Internship Option International Affairs M.A.

In Workflow

1. **INAF ChairDir GR**
2. **PA Dean**
3. **PA GFCC**
4. **PA FBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. SQAPC
8. Senate
9. CalEditor
10. Banner

Approval Path

1. 09/07/25 3:04 pm Yiagadeesen Samy (yiagadeesensamy): Approved for INAF ChairDir GR
2. 09/09/25 4:43 pm Vandna Bhatia (vandnabhatia): Rollback to INAF ChairDir GR for PA Dean
3. 09/09/25 5:20 pm Yiagadeesen Samy (yiagadeesensamy): Rollback to Initiator
4. 09/16/25 3:02 pm Yiagadeesen Samy (yiagadeesensamy): Approved for INAF ChairDir GR
5. 09/19/25 4:33 pm Vandna Bhatia (vandnabhatia): Approved for PA Dean
6. 09/23/25 10:04 am Vandna Bhatia (vandnabhatia): Rollback to INAF ChairDir GR for PA GFCC
7. 09/23/25 11:40 am Yiagadeesen Samy (yiagadeesensamy): Rollback to Initiator

8. 09/23/25 1:33 pm
Yiagadeesen Samy
(yiagadeesensamy):
Approved for INAF
ChairDir GR
9. 09/30/25 2:48 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA Dean
10. 10/28/25 1:37 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA GFCC
11. 11/27/25 4:29 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA
FBoard
12. 12/10/25 10:46 am
Natalie Phelan
(nataliephelan):
Approved for PRE
SCCASP

History

1. May 6, 2016 by
Tabbatha Malouin
(tabbathamalouin)
2. Jun 23, 2017 by
anshulsingh
3. Mar 13, 2019 by
mikelabreque

Effective Date	2026-27
Workflow	majormod minormod
Level	Graduate
Course Code	INAF
Course Number	5914
Title	Internship Placement
Title (short)	Internship Placement
Faculty	Faculty of Public Affairs
Academic Unit	Norman Paterson School of International Affairs
Credit Value	0.25
Special/Selected Topics	Not Applicable

Significant Experiential Learning	Internships
Course Description	Internship students are required to register in this course during their internship work term. Priority for the internship placement will be given to full time, first year students in the MA and MA-JD program.
Prerequisite(s)	full-time registration in the NPISA M.A. or M.A.-JD program.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

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	Yes
Summary	NPSIA no longer offers an internship placement. We propose de-activating this course.
Rationale for deactivation	We propose that this course be removed from the calendar.
	NPSIA has not offered the internship option for several years.
	Unpaid internships are illegal under the Province of Ontario's Employment Standards Act, with exceptions for cases where students receive course credit for the work.
	While internships for course credit are legal, the student requires an organization willing to host them and a faculty member willing to supervise the internship.
	After the Province of Ontario provided clarity on the legal status of unpaid internships, we have not had any students who have found paid internships or internships for course credit.
	NPSIA is unable to support this internship option for a number of reasons.
	First, human resources are required to manage a strong internship program. A member of our administrative staff would have to recruit organizations to participate, advertise to students, organize interviews for the organization, match the student internship with the expertise of faculty members, and monitor the progress of their internship. NPSIA does not have the human resource capacity to take on this task.
	Second, if a student can independently find an internship and a faculty member willing to supervise academic work associated with that internship, they have the option of registering for a Directed Reading class (INAF 5901) to earn academic credit.
	And third, NPSIA has an active coop program.

Course reviewer comments	**vandnabhatia (09/09/25 4:43 pm):** Rollback: Please provide a rationale for why the program is/has been inactive and should be deleted. **yiagadeesensamy (09/09/25 5:20 pm):** Rollback: Vandna's comment **nataliephelan (09/16/25 2:41 pm):** Changed effective date to 26-27; this is the calendar from which the course will be removed, even if the course hasn't been offered for a period of time already. **vandnabhatia (09/23/25 10:04 am):** Rollback: Update rationale **yiagadeesensamy (09/23/25 11:40 am):** Rollback: Update rationale.

Key: 8872

Preview Bridge

Program Change Request

A deleted record cannot be edited

Program Delete Proposal

Date Submitted: 10/27/25 3:58 pm

Viewing: **TBD-1681 : R-GR-Internship Option International Affairs M.A.**

Last approved: 04/07/20 3:19 pm

Last edit: 10/27/25 3:57 pm

Last modified by: nataliephelan

Changes proposed by: nataliephelan

In Workflow

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

Approval Path

1. 10/27/25 4:11 pm Yiagadeesen Samy (yiagadeesensamy): Approved for INAF ChairDir GR
2. 10/28/25 9:14 am Vandna Bhatia (vandnabhatia): Approved for PA Dean
3. 10/28/25 1:38 pm Vandna Bhatia (vandnabhatia): Approved for PA GFCC
4. 11/27/25 4:29 pm Vandna Bhatia (vandnabhatia): Approved for PA FBoard
5. 12/10/25 10:46 am Natalie Phelan (nataliephelan): Approved for PRE SCCASP
6. 01/06/26 11:26 am Caitlin MacGregor (caitlinmacgregor): Approved for SCCASP

History

Calendar Pages Using this Program   **International Affairs**

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1681
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	Norman Paterson School of International Affairs
Degree	
Title	R-GR-Internship Option International Affairs M.A.

Program Requirements

Internship Option

The Internship option is available to all first year, full-time students in the M.A. and the M.A.-JD programs. Registration in the Internship Program option requires departmental permission, and is limited by the availability of placements. Application for an internship placement will normally be considered after the student has successfully completed 1.5 credits, including INAF 5015 and INAF 5016.

Internship placements will locate students for one term in the public service, the private sector, or non-governmental organizations. During their work term, students are required to register in INAF 5914, which is additional to the program requirements described above. Registration in the Internship Program is restricted to full-time students.

New Resources

Summary	Assoc with MA-43 major mod to INAF program. Deletion of the internship option.

Rationale for change

(Resubmitting as a delete proposal, was previously put in as an edit.)

We propose that the internship option and its associated courses (INAF 5914 and INAF 5915) be removed from the calendar. NPSIA is no longer able to support this internship option for a number of reasons. Unpaid internships are illegal under the Province of Ontario's Employment Standards Act, with exceptions for cases where students receive course credit for the work. For a student to fulfill the requirement of a course credit, the student requires an organization willing to host them and a faculty member willing to supervise the internship. NPSIA has not offered the internship option for several years. Human resources are required to manage the internship program. A member of our administrative staff would have to recruit organizations to participate, advertise for students, organize interviews for the organization, match the student internship with the expertise of faculty members, and monitor the progress of their internship. We do not have the human resource capacity to take on this task. We no longer offer an internship option. The associated internship courses (INAF 5914 and INAF 5915) have been deleted.

Transition/Implementation

The internship program has not been active since 2016. There will be no transition period.

Program reviewer comments

Key: 1681

Associated Minor Mods

Course	Action
INAF 5469	Edited
INAF 5009	Edited
INAF 5600	Deleted
INAF 5214	Edited
INAF 5302	Edited
INAF 5309	Deleted
INAF 5429	Edited
INAF 5439	Edited
INAF 5449	Edited
INAF 5479	Edited
INAF 5489	Deleted
INAF 5499	Deleted
INAF 5221	Deleted
MA-43AS – Collaborative Specialization in African Studies	Edited
MA-43CH – Collaborative Specialization in Climate Change	Edited
TBD- 1205- Collaborative Specialization in Latin & Caribbean	Edited
TBD- 2054 Collaborative Specialization in Data Science	Edited
TBD-2201 Collaborative Specialization in Cybersecurity	Edited

Program Change Request

Date Submitted: 10/27/25 1:43 pm

Viewing: **TBD-1922 : Admission Requirements - Migration and Diaspora Studies**

Last approved: 02/21/20 3:18 pm

Last edit: 10/27/25 2:41 pm

Last modified by: jamesmilner

In Workflow

1. **MGDS ChairDir GR**
2. **KROE ChairDir GR**
3. **PA Dean**
4. **AS Dean**
5. **PA GFCC**
6. **AS GFCC**
7. **PA FBoard**
8. **AS FBoard**
9. **PRE SCCASP**
10. SCCASP
11. SQAPC
12. Senate
13. CalEditor

Changes proposed by: nataliephelan

Calendar Pages Using this Program	Migration and Diaspora Studies

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1922
Level	Graduate
Faculty	Faculty of Arts and Social Sciences Faculty of Public Affairs
Academic Unit	Kroeger College of Public Affairs Migration and Diaspora Studies
Degree	Not Applicable
Title	Admission Requirements - Migration and Diaspora Studies

Program Requirements

Admission Requirements

M.A. Migration and Diaspora Studies

The normal requirement for admission to the Master's program is an Honours Bachelor's degree (or equivalent), with at least a B+ average.

For admission to the program, applicants should ~~normally~~ possess a four-year undergraduate degree (or equivalent), normally ~~equivalent)~~ in a humanities or social sciences discipline or interdisciplinary program. Previous

coursework in Migration and Diaspora Studies is an asset. Practical experience working with migrant or diaspora issues will also be taken into consideration.

Accelerated Pathway

The accelerated pathway to the M.A. ~~Accelerated PathwayThe accelerated pathway~~ in Migration and Diaspora Studies is a flexible and individualized plan of graduate study for students with demonstrated academic excellence and who are in their final year of a relevant Carleton University undergraduate degree.

Students in their third year of study in an ~~a Carleton University~~ undergraduate program at Carleton University relating to Migration and Diaspora Studies ~~degree~~ should consult with both the Undergraduate Advisor in their program ~~program~~ of study and the Migration and Diaspora Studies Program Director to ~~Migration and Diaspora Studies Program Director to~~ determine if the accelerated pathway is appropriate for them and to discuss the ~~and to confirm their~~ selection of their courses for their final year of undergraduate studies.

Accelerated pathway requirements:

1. At least 0.5 ~~1.0~~ credit in MGDS at the 5000-level with a grade of B+ ~~Migration and Diaspora Studies elective courses (5000-level or higher);~~
2. Minimum overall CGPA of 10.5 or permission of the MDS Program Director. ~~A .~~

Students may receive advanced standing with transfer of credit of up to 1.0 credit which can reduce their time to completion.

Admission Requirements for Diploma in Migration and Diaspora Studies (Type 2)

- Enrolment in a Master's or Doctoral degree program at Carleton University.
- Letter of support from the student's supervisor or, if no supervisor has been assigned, a faculty member in the home program.
- A 1-2 page statement of interest from the applicant outlining the reasons for wishing to enrol in the Migration and Diaspora Studies Diploma program.

Admissions Requirements for Diploma in Migration and Diaspora Studies (Type 3)

- An Honours Bachelor's degree (or equivalent) in a related discipline, with an average of B+ or higher. University transcripts must be submitted as part of the application.
- A 1-2 page statement of interest from the applicant outlining the reasons for wishing to enrol in the Migration and Diaspora Studies Diploma program.
- An academic letter of recommendation. In addition, students with relevant professional or practical experience may submit a letter from their supervisor/employer.

Approval Path

1. 10/27/25 2:42 pm James Milner (jamesmilner): Approved for MGDS ChairDir GR
2. 11/03/25 11:02 am Sarah Todd (sarahtodd): Approved for KROE ChairDir GR
3. 11/04/25 2:55 pm Vandna Bhatia (vandnabhatia): Approved for PA Dean
4. 11/07/25 3:07 pm Pascal Gin (pascalgin): Approved for AS Dean
5. 11/10/25 4:30 pm Vandna Bhatia (vandnabhatia): Approved for PA GFCC
6. 11/10/25 5:27 pm Pascal Gin (pascalgin): Approved for AS GFCC
7. 11/27/25 4:28 pm Vandna Bhatia (vandnabhatia): Approved for PA FBoard
8. 11/27/25 5:20 pm Pascal Gin (pascalgin): Approved for AS FBoard

History

1. Oct 1, 2018 by Sandra Bauer (sandrabauer)
2. Mar 19, 2019 by Sandra Bauer (sandrabauer)
3. Feb 21, 2020 by mikelabreque

New Resources	No New Resources
Summary	New language for accelerated pathway.
Rationale for change	The new language is recommended to indicate that this is for students with very strong academic records. The addition of the "permission of the MDS program director" is recommended as admission to the MA in MDS is based both on grades and on the applicant's overall profile.

Transition/Implementation	No new resources are required. New language will be part of recruitment strategy and departmental communications and media will be updated.

Program reviewer
comments

Key: 1922

Program Change Request

New Program Proposal

Date Submitted: 09/22/25 9:04 am

Viewing: **TBD-2336 : M.A.Sc. OCIMAE with Collaborative Specialization in Data Science**

Last edit: 09/30/25 9:48 am

Last modified by: nataliephelan

Changes proposed by: irenehelder

In Workflow

1. **MAAE ChairDir GR**
2. **DATA 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. 09/23/25 11:20 am Irene Helder (irenehelder): Approved for MAAE ChairDir GR
2. 09/23/25 11:23 am Anil Maheshwari (ANILMAHESHWARI): Approved for DATA ChairDir GR
3. 11/03/25 9:48 am Jeffrey Erochko (jeffreyerochko): Approved for ENG Dean
4. 11/03/25 12:30 pm Jeffrey Erochko (jeffreyerochko): Approved for ENG GFCC
5. 11/27/25 4:02 pm Jeffrey Erochko (jeffreyerochko): Approved for ENG FBoard

Effective Date	2026-27
Workflow	majormod
Program Code	TBD-2336
Level	Graduate

Faculty	Faculty of Engineering and Design
Academic Unit	Department of Mechanical and Aerospace Engineering
Degree	Master of Applied Science
Title	M.A.Sc. OCIMAE with Collaborative Specialization in Data Science

Program Requirements

Program Requirements

Students are expected to complete the master's program within the maximum limits outlined in the Section 13.2 of the General Regulations section of this Calendar.

M.A.Sc. Aerospace Engineering with Collaborative Specialization in Data Science (5.0 credits)

M.A.Sc. Materials Engineering with Collaborative Specialization in Data Science (5.0 credits)

M.A.Sc. Mechanical Engineering with Collaborative Specialization in Data Science (5.0 credits)

Requirements:

1. **0.5 credit in:**   0.5
   DATA 5000 [0.5]   Introduction to Data Science
2. **0.5 credit from** data science elective courses: 0.5
   MECH 5103 [0.5]   3D Machine Vision: From Robots to the Space Station
   MECH 5205 [0.5]   Building Performance Simulation
   MECH 5504 [0.5]   Guidance, Navigation and Control
   MECH 5506 [0.5]   Neuro and Fuzzy Control
   MECH 5508 [0.5]   System Modelling, Dynamics and Control
   MECH 5509 [0.5]   Nonlinear Systems Analysis & Controls
   MAAJ 5026 [0.5]   System Modelling, Dynamics and Control
   MAAJ 5027 [0.5]   Nonlinear System Analysis and Controls
   MAAJ 5028 [0.5]   3D Machine Vision: From Robots to the Space Station
   MAAJ 5055 [0.5]   High-Performance Parallel Scientific Computing
   MAAJ 5105 [0.5]   Non-Linear Optimization
   MAAJ 5251 [0.5]   Guidance, Navigation and Control
   MAAJ 5252 [0.5]   Neuro and Fuzzy Control
   SYSC 5001 [0.5]   Simulation and Modeling
   SYSC 5004 [0.5]   Optimization for Engineering Applications
   SYSC 5202 [0.5]   Applications in Biomedical Image Processing
   SYSC 5303 [0.5]   Interactive Networked Systems and Telemedicine
   SYSC 5405 [0.5]   Pattern Classification and Experiment Design
   COMP 5112 [0.5]   Algorithms for Data Science

COMP 5204 [0.5]	Computational Aspects of Geographic Information Systems	
COMP 5306 [0.5]	Data Integration	
COMP 5703 [0.5]	Algorithm Analysis and Design	
COMP 5704 [0.5]	Parallel Algorithms and Applications in Data Science	

3. **1.5 credits in** courses offered by the OCIMAE. 1.5

4. **2.5 credits in:** 2.5

| MECH 5909 [2.5] | M.A.Sc. Thesis (in the Specialization) | |

| Total credits | | 5.0 |

New Resources	No New Resources
Summary	New program.
Rationale	To take advantage of the multidisciplinary Institute for Data Science in an effort to attract students to our programs interested in this area of research especially as some of our research faculty have data science expertise who will supervise students in the specialization.
Transition/Implementation	n/a

Program reviewer comments	**nataliephelan (09/30/25 9:48 am):** Copy of letter of support from Data Science From: Olga Baysal <OlgaBaysal@cunet.carleton.ca> Sent: September 23, 2025 11:41 AM To: Andrew Speirs <AndrewSpeirs@CUNET.CARLETON.CA> Cc: James Green <jrgreen@sce.carleton.ca>; Stephan Gruber <StephanGruber@CUNET.CARLETON.CA>; CUIDS <CUIDS@cunet.carleton.ca> Subject: Re: followup on Data Science specialization Dear Andrew, I am happy to hear that your unit has approved the data science specialization. My understanding is that the data science specialization will be available for your students in 2026-2027 given the Courseleaf changes are submitted by October 1. I am cc-ing Stephan Gruber who is the chair of the CSDS Governance Committee. We typically allocate quotas for each unit, starting with a few students who are interested in adding the data science specialization to their home degree. If you would like, our CUIDS graduate administrators, Stephan, and I can have an onboarding meeting with you and your program administrator so you can better understand the process of registering the students into the specialization. Please let us know who should be invited to this meeting. Best wishes, Olga

Key: 2336

Template for Major Modifications: A1

MEMORANDUM

To: Vice-President's Academic and Research Committee (VPARC) for A1s

From: Ramy Gohary, Systems and Computer Engineering

CC: Ron Miller (Dean), Samuel Ajila (Associate Dean, Policy and Planning)

Date: September 10, 2025

Subject: Major Modification – Renaming the Bachelor of Engineering, Communications Engineering. Track A1

**Modification Description** (1-1.5 pages)

The Communications Engineering program implements a solid curriculum which includes content in software development, computer architecture and electronics; in upper years, it focuses on computer networks, information theory, digital communications, and software defined networks (SDN). The program prepares the graduates to a successful engineering career in the telecommunications domain (network hardware technology, network infrastructure and services configuration, digital signal transmission) to meet the job market demand. The departmental advisory board acknowledges the quality of the program and confirms the undeniable need for professionals in the field.

Telecommunications Engineering is a very well established academic discipline, with numerous programs at the undergraduate level as well as the graduate level, predominantly overseas. Until recently, the recruitment has focused on international students. The program fails however to attract the Canadian students interest. It was observed that during recruitment events, the program name is more often associated to a career path in mass communications or marketing communications rather than engineering and technology.

The department of Systems and Computer Engineering proposes to rename the program as Telecommunications Engineering. The proposed name makes a slight change to the current one but it will make a significant impact in the advertising of the program to potential Canadian students. It explicitly refers to technologies that are fast-paced evolving in the civil domain, in the military environment and in the aerospace industry. Moreover, the significant growth in popularity of Artificial Intelligence has an adverse impact on enrollment of programs with strong software components. Telecommunications engineering covers a larger range of topics which are less directly associated to generative AI and could suggest a safer career path to potential students.

Last year, the department approved significant updates to the curriculum. And there is no current plan to implement major changes to the program, besides the name change. The department will explore the development of electives in selected domains such as autonomous vehicles, radar technology, in

collaboration with partners from industry. Those courses will likely be of great interest to students from other engineering programs.

**Impact on Other Programs** (½ page)

The proposal aims at rebranding the program and at attracting the attention of potential Canadian students who may have strong interest in telecommunications services and technologies and who may have misinterpreted the current program name. We do not expect a significant shift of students from other programs.

**Impact on Learning Outcomes and Curriculum Map**

As stated previously, there is no plan to implement major updates to the current curriculum.

**Societal Need** (½ page) (_**Only applicable if introducing an A1 modification or a new concentration**_)

In a highly interconnected world, the majority of services rely on telecommunications infrastructures and distributed systems. The need for professionals in the field is undeniable, even more so at the research and development level. The demand projection for engineers in telecommunications indicates an increase[1].

The program offers also an opportunity to train professional engineers in telecommunications, with the hope that some graduates will enroll in graduate studies to become researchers in the field.

**Students**

The change is expected to have a positive impact on the students career path, as the proposed name is self-explanatory and it is more commonly used internationally.

**Resources**

The proposed change requires minimal additional resources.

**Governance**
There is no change in the program governance.

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[1] https://acec.ca/files/Publications/Labour-Market-2015-e.pdf and
https://www.nu.jobbank.gc.ca/marketreport/outlook-occupation/5408/ca

Template #2—August 2024

Program Change Request

Date Submitted: 09/22/25 4:59 pm

Viewing: **BENG-76A** ~~BENG-76~~ :
Telecommunications
~~Communications~~ **Engineering
Bachelor of Engineering**

Last approved: 04/24/25 2:05 pm

Last edit: 12/15/25 1:25 pm

Last modified by: angelwagner

Changes proposed by: lynnmarshall

In Workflow

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

Approval Path

1. 09/22/25 4:34 pm
   Lynn Marshall
   (lynnmarshall):
   Rollback to Initiator
2. 09/23/25 10:49 am
   Lynn Marshall
   (lynnmarshall):
   Approved for SYST
   ChairDir UG
3. 10/09/25 10:16 am
   Samuel Ajila
   (samuelajila):
   Approved for ENG
   Dean
4. 10/17/25 10:09 am
   Samuel Ajila
   (samuelajila):
   Approved for ENG
   FCC
5. 10/28/25 3:36 pm
   Samuel Ajila
   (samuelajila):
   Approved for ENG
   FBoard

History

1. Apr 25, 2014 by
   sandra
2. Jun 23, 2014 by
   sandra
3. May 18, 2016 by
   Sandra Bauer
   (sandrabauer)

4. Jan 25, 2017 by
   IanMarsland
5. Jan 11, 2018 by
   IanMarsland
6. Jan 11, 2018 by
   mikelabreque
7. Apr 11, 2018 by
   Donald Russell
   (donaldrussell)
8. Apr 25, 2019 by Ian
   Marsland
   (ianmarsland)
9. May 14, 2019 by
   Jerome Talim
   (jerometalim)
10. Feb 12, 2020 by
    Jerome Talim
    (jerometalim)
11. Apr 23, 2021 by Ian
    Marsland
    (ianmarsland)
12. Apr 18, 2022 by
    gregoryfranks
13. Apr 20, 2023 by
    gregoryfranks
14. Apr 24, 2025 by Ian
    Marsland
    (ianmarsland)

Calendar Pages Using this Program	Engineering
Effective Date	2027-28
Workflow	majormod ~~minormod~~
Program Code	BENG-76A ~~BENG-76~~
Level	Undergraduate
Faculty	Faculty of Engineering and Design
Academic Unit	Department of Systems and Computer Engineering
Degree	Bachelor of Engineering
Title	Telecommunications ~~Communications~~ Engineering Bachelor of Engineering

Program Requirements

Telecommunications ~~Communications~~ Engineering Bachelor of Engineering (21.0 credits)

First year

1. a) 4.5 credits in: 4.5

CHEM 1101 [0.5]   Chemistry for Engineering Students
ECOR 1031 [0.5]   Programming and Data Management
ECOR 1032 [0.5]   Circuits and Mechatronics
ECOR 1033 [0.5]   Statics
ECOR 1034 [0.5]   Dynamics
MATH 1004 [0.5]   Calculus for Engineering or Physics
MATH 1104 [0.5]   Linear Algebra for Engineering or Science
PHYS 1004 [0.5]   Introductory Electromagnetism and Wave Motion
SYSC 1006 [0.5]   Foundations of Imperative Programming

b) The Introduction to Engineering Disciplines requirement must be met through the successful completion of:

ECOR 1055 [0.0]   Introduction to Engineering Disciplines I
ECOR 1056 [0.0]   Introduction to Engineering Disciplines II
ECOR 1057 [0.0]   Engineering Profession

2. 0.5 credit in Complementary Studies Electives   0.5

Second year

3. a) 5.5 credits in: 5.5

CCDP 2100 [0.5]   Communication Skills for Engineering Students
ECOR 2050 [0.5]   Design and Analysis of Engineering Experiments
ELEC 2501 [0.5]   Circuits and Signals
ELEC 2507 [0.5]   Electronics I
MATH 1005 [0.5]   Differential Equations and Infinite Series for Engineering or Physics
MATH 2004 [0.5]   Multivariable Calculus for Engineering or Physics
SYSC 2010 [0.5]   Programming Project
SYSC 2100 [0.5]   Algorithms and Data Structures
SYSC 2310 [0.5]   Introduction to Digital Systems
SYSC 2320 [0.5]   Introduction to Computer Organization and Architecture
SYSC 2510 [0.5]   Probability, Statistics and Random Processes for Engineers

b) Successful completion of

ECOR 2995 [0.0]   Engineering Portfolio

Third year

4. 4.5 credits in: 4.5

ECOR 3800 [0.5]   Engineering Economics
ELEC 3105 [0.5]   Electromagnetic Fields
ELEC 3509 [0.5]   Electronics II
ELEC 3909 [0.5]   Electromagnetic Waves
SYSC 3310 [0.5]   Introduction to Real-Time Systems
SYSC 3501 [0.5]   Communication Theory
SYSC 3512 [0.5]   Computer Communications
SYSC 3522 [0.5]   Communications Software Laboratory
SYSC 3600 [0.5]   Systems and Simulation

5. 0.5 credit in Complementary Studies Electives   0.5
6. 0.5 credit in Basic Science Electives   0.5

Fourth year

7. 3.0 credits in: 3.0

ECOR 4995 [0.5]   Professional Practice
SYSC 4405 [0.5]   Digital Signal Processing
SYSC 4505 [0.5]   Automatic Control Systems I
SYSC 4511 [0.5]   Digital Wireless Communication

SYSC 4700 [0.5]   Topics in Communications Networks
SYSC 4810 [0.5]   Introduction to Network and Software Security

8. 0.5 credit from: 0.5

SYSC 4415 [0.5]   Introduction to Machine Learning
SYSC 4416 [0.5]   Artificial Intelligence in Engineering

9. 1.0 credit from: 1.0

SYSC 4907 [1.0]   Engineering Project (if supervisor is in Systems and Computer Engineering)
ELEC 4907 [1.0]   Engineering Project (if supervisor is in Electronics)
ECOR 4907 [1.0]   Multidisciplinary Engineering Project

10. 0.5 credit from: 0.5

~~SYSC or ELEC at the 3000 level or above (may include 0.5 credit in SYSC at the 5000 level)~~

SYSC or ELEC at the 3000 or 4000 level, or SYSC or ELEC at the 5000 level

Total Credits   21.0

New Resources	No New Resources
Summary	Fourth year program requirements #9: Add ELEC 4907 as a possible fourth-year project. Fourth year program requirements #10: Allow ELEC graduate courses for the Accelerated Pathway program. The department also approves a change of the program name from Communications Engineering to Telecommunications Engineering. Major Modifications [A1] will be submitted VPARC.
Rationale for change	Fourth year program requirements #9: This change will allow Communications Engineering students to take their fourth-year project in the Department of Electronics. This had previously been permitted several years ago, and aligns with the current practice for Computer Systems Engineering. Fourth year program requirements #10: The Accelerated Pathway program permits graduate students to get credit for up to two graduate level courses taken during their undergraduate studies. This change allows students to take either SYSC or ELEC graduate courses. Program renamed as Telecommunications engineering: potential students often associate communications to mass communications or marketing communications, rather than telecommunications. The proposed name will help to promote the program academic content.
Transition/Implementation	Fourth year program requirements #9: undercoding: 201830-202530, allow ELEC 4907 as alternate to SYSC 4907/ECOR 4907.
Program reviewer comments	**lynnmarshall (09/22/25 4:34 pm):** Rollback: add undercoding **valentinaleon (12/04/25 3:27 pm):** Updated program code from BENG-76 to BENG-76A **angelwagner (12/15/25 1:25 pm):** Effective term changed to 27-28 as per email from T Douglas.

Key: 836

Program Change Request

Date Submitted: 11/18/25 4:19 pm

Viewing: **R-GR-ADMREQT-Biology PhD : R-GR-ADMREQT-Biology PhD**

Last approved: 08/24/23 10:20 am

Last edit: 12/16/25 10:53 am

Last modified by: nataliephelan

Changes proposed by: sarahanneszabototh

In Workflow

1. **BIOL ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 11/18/25 4:20 pm
   SarahAnne Szabototh
   (sarahanneszabototh):
   Approved for BIOL
   ChairDir GR
2. 11/18/25 9:11 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 12/01/25 9:38 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 12/01/25 9:48 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
5. 12/10/25 10:46 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. May 26, 2015 by sandra
2. May 26, 2015 by sandra
3. May 26, 2015 by sandra
4. Jun 11, 2015 by Sandra
   Bauer (sandrabauer)
5. Apr 6, 2016 by Sandra
   Bauer (sandrabauer)

6. Apr 28, 2017 by Sandra
   Bauer (sandrabauer)
7. Apr 28, 2017 by Sandra
   Bauer (sandrabauer)
8. Aug 24, 2023 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program	**Biology**

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	R-GR-ADMREQT-Biology PhD
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Department of Biology
Degree	
Title	R-GR-ADMREQT-Biology PhD

Program Requirements

Ph.D. Biology

Admission with master's degree: ~~Biology AnM.Sc.~~ the normal requirement ~~from a recognized university is required~~ for admission into the ~~entry to the~~ Ph.D. program is a master's degree with a thesis in science.

Admission with bachelor's degree: applicants holding an honours bachelor's degree with thesis in biology with an average of A- or better, may be directly admitted to the Ph.D. program.

A student already registered for the M.Sc. may be permitted to transfer to the Ph.D. program following a recommendation by the departmental graduate committee and successful completion of the Qualifying Examination required of Ph.D. candidates.

Additional courses may be required during the degree.

All applicants must demonstrate a fluent knowledge of English (Carleton), or either English or French (Ottawa).

New Resources	No New Resources
Summary	Added a line 2 with admissions requirements for direct entry PhD. Added a line 4 with notation that additional coursework may be required.
Rationale for change	We intend to add a new pathway to the PhD program that would allow direct entry for students with a Bachelor's degree (who have not done a Master's). There are two main purposes: the first is to identify and recruit outstanding students who have strong research potential and know that they want to pursue a PhD. The second is to 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, students in biology and related fields

typically go straight from a Bachelor's program to a PhD. Thus, our usual requirement of an MSc for entry into our PhD program is an impediment to recruiting these students. An executive summary has been prepared.

Transition/Implementation	We will update the biology website with additional details regarding the direct entry PhD - e.g. defining what an honours degree is.
Program reviewer comments	**nataliephelan (11/25/25 1:22 pm):** Per SCAP-G on November 25 2025, this change has been communicated to the University of Ottawa, and is pending their approval. **nataliephelan (12/16/25 10:53 am):** Following SCCASP on Dec 16 2025, changed "general" to "normal" in first bullet, for consistency across the calendar. It was clarified in the meeting that uO has to be notified that Carleton is making this change (and M. Neufang confirmed that they have been notified) as we are only updating the admission regulation, which only needs Carleton's approval.

Key: 1149

Program Change Request

Date Submitted: 11/19/25 2:31 pm

Viewing: **TBD-1232 : R-GR-ADMREQT-Chemistry-PhD**

Last approved: 05/01/17 2:32 pm

Last edit: 01/09/26 9:20 am

Last modified by: nataliephelan

Changes proposed by: nataliephelan

In Workflow

1. CHEM ChairDir GR
2. SCI Dean
3. SCI GFCC
4. SCI JFBoard
5. PRE SCCASP
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 11/19/25 2:34 pm
   Sean Barry (seanbarry):
   Approved for CHEM
   ChairDir GR
2. 11/19/25 2:37 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 12/01/25 9:38 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 12/01/25 9:48 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
5. 12/10/25 10:47 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. Jun 18, 2015 by Sandra
   Bauer (sandrabauer)
2. May 1, 2017 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program	Chemistry

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1232
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Department of Chemistry
Degree	
Title	R-GR-ADMREQT-Chemistry-PhD

Program Requirements

Admission

1. Admission with master's degree: the ~~AdmissionThe~~ normal requirement for admission to the ~~the~~ Ph.D. program is an M.Sc. in Chemistry with a B+ (9.00 CGPA) average in the last two years of full-time study and acceptance into a research group of a member of the Department of Chemistry at Carleton University.
2. Admission with bachelor's degree: exceptional applicants holding a bachelor's degree, with demonstrated potential for independent thought and advanced research, with a minimum A- (10.00 CGPA) average in the last two years of study, may be directly admitted to the Ph.D. program.
3. Fast-track: if a student who was admitted to the M.Sc. program is interested in pursuing the Ph.D. program, the student can be fast-tracked subject to the guidelines listed below:
    1. The student must be fast-tracked before they complete the first year of their M.Sc.,
    2. The comprehensive exam must be undertaken at eight months into the M.Sc. for someone fast-tracking from the M.Sc. to the Ph.D.

~~degree inChemistry.Direct entrance from aB.Sc.degree in Chemistry will be considered in exceptionalcases.~~

New Resources	No New Resources
Summary	This change allows students to enter into the Ph.D. program with a Bachelor's degree, in alignment with other PhD programs nationally, and internationally.
Rationale for change	We intend to add a new pathway to the PhD program that would allow direct entry for students with a Bachelor's degree (who have not done a Master's). There are two main purposes: the first is to identify and recruit outstanding students who have shown tremendous aptitude in research and know they want to do a PhD. The second is to 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, chemistry students go from a Bachelor's program to a PhD in the normal course, and therefore if we require an MSc for entry into our PhD program, we cannot recruit those students. This program will only admit students with exceptional academic records (minimum GPA 10.0) and a demonstrated track record of research aptitude in chemistry.
Transition/Implementation	As this is a new entry point, it will not affect current students.
Program reviewer comments	**nataliephelan (11/25/25 11:02 am):** Per SCAP-G 25 November 2025, removed "pathway" from item 3 because this is a term defined in the calendar for a different purpose.

nataliephelan (11/25/25 1:22 pm): Per SCAP-G on November 25 2025, this change has been communicated to the University of Ottawa, and is pending their approval.

nataliephelan (01/09/26 9:20 am): At the request of the department, following discussion at SCCASP and SQAPC, added both the letter and Carleton CGPA minimums in points 1 and 2.

Key: 1232

Program Change Request

Date Submitted: 10/08/25 9:12 am

Viewing: **TBD-1224 : R-GR-ADMREQT-Earth Sciences-PhD**

Last approved: 05/02/17 12:07 pm

Last edit: 12/16/25 11:01 am

Last modified by: nataliephelan

Changes proposed by: ethanhermer

In Workflow

1. **ERTH ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 10/09/25 8:21 am
   Fred Gaidies
   (fredgaidies): Approved
   for ERTH ChairDir GR
2. 10/09/25 11:33 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 10/30/25 10:43 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 11/11/25 11:07 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
5. 12/10/25 10:47 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. Jun 18, 2015 by Sandra
   Bauer (sandrabauer)
2. May 2, 2017 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this   Earth Sciences
Program

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1224
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Department of Earth Sciences
Degree	
Title	R-GR-ADMREQT-Earth Sciences-PhD

Program Requirements

Admission

1. Admission with master's degree: the normal ~~AdmissionThe~~ requirement for admission into the ~~to the~~ Ph.D. ~~Program is anM.Sc.~~program is a master's degree with a minimum GPA of 9.0. ~~in Earth Sciences or a related discipline.~~

2. Admission with bachelor's degree: exceptional applicants holding a bachelor's degree, with demonstrated potential for independent thought and advanced research, with a minimum GPA of 9.0 in the final two years may be directly admitted to the Ph.D. program.

3. Fast-track: 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 in completing their course work, and (b) significant promise for advanced research and the ability to defend their Ph.D. proposal in the first year of their Ph.D. program.

~~A grade of B- or higher is required for each course to becounted.~~

New Resources	No New Resources
Summary	This change allows students to enter into the Ph.D. program with a Bachelor's degree, in alignment with other PhD programs nationally, and internationally.
Rationale for change	To increase national and international competitiveness of our PhD program offerings.
Transition/Implementation	As this is a new entry point, it will not affect current students.
Program reviewer comments	**nataliephelan (12/16/25 10:54 am):** Following SCCASP on Dec 16 2025, changed "general" to "normal" in first bullet, for consistency across the calendar. **nataliephelan (12/16/25 10:59 am):** Per SCCASP December 16 2025, removed "pathway" from item 3, as this is a term defined in the glossary and so does not fit this context. **nataliephelan (12/16/25 11:01 am):** Per SCCASP December 16 2025, removed final sentence from fast-track section. The committee felt it did not add value and could introduce uncertainty around the requirements, when students should be encouraged to follow the calendar.

Key: 1224

Program Change Request

Date Submitted: 09/18/25 5:51 pm

Viewing: **BJHUM-30HU : Bachelor of Journalism and Humanities**

Last approved: 04/24/25 10:53 am

Last edit: 10/16/25 12:02 pm

Last modified by: angelwagner

Changes proposed by: krysiakotarba

In Workflow

1. **JOUR ChairDir UG**
2. **HUMM ChairDir UG**
3. **PA FCC**
4. **AS FCC**
5. **PA FBoard**
6. **AS FBoard**
7. **PRE SCCASP**
8. SCCASP
9. SQAPC
10. Senate
11. PRE CalEditor
12. CalEditor

Approval Path

1. 08/28/25 7:06 pm
   Allan Thompson
   (allanthompson):
   Approved for JOUR
   ChairDir UG
2. 08/31/25 6:45 am
   Shane Hawkins
   (shanehawkins):
   Approved for HUMM
   ChairDir UG
3. 09/17/25 3:43 pm
   Vandna Bhatia
   (vandnabhatia): Rollback
   to JOUR ChairDir UG for
   PA FCC
4. 09/18/25 2:15 pm
   Allan Thompson
   (allanthompson):
   Rollback to Initiator
5. 09/18/25 3:38 pm
   Angel Wagner
   (angelwagner): Rollback
   to Initiator
6. 09/18/25 6:04 pm
   Allan Thompson
   (allanthompson):
   Approved for JOUR
   ChairDir UG
7. 10/06/25 10:08 am
   Shane Hawkins
   (shanehawkins):

Approved for HUMM
ChairDir UG

8. 10/22/25 5:20 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA FCC

9. 10/29/25 1:59 pm
Sarah Mohammed
(sarahmohammed):
Approved for AS FCC

10. 11/27/25 4:36 pm
Vandna Bhatia
(vandnabhatia):
Approved for PA FBoard

11. 11/27/25 5:20 pm
Pascal Gin (pascalgin):
Approved for AS FBoard

History

1. Jun 10, 2014 by sandra
2. Jun 10, 2014 by sandra
3. Jun 10, 2014 by sandra
4. Jun 10, 2014 by sandra
5. Jun 10, 2014 by sandra
6. Jun 10, 2014 by sandra
7. Mar 4, 2015 by vicki
8. May 21, 2015 by
   vickisaveland
9. Jun 8, 2015 by Sandra
   Bauer (sandrabauer)
10. Jan 5, 2016 by
    carolecraswell
11. Jan 19, 2017 by
    carolecraswell
12. Apr 17, 2018 by Sandra
    Bauer (sandrabauer)
13. Apr 16, 2019 by
    carolecraswell
14. Apr 30, 2021 by Melanie
    Leblanc (melanieleblanc)
15. Mar 9, 2022 by Natalie
    Phelan (nataliephelan)
16. Apr 28, 2023 by Karina
    Auclair (karinaauclair)
17. Apr 5, 2024 by Krysia
    Kotarba (krysiakotarba)
18. Apr 24, 2025 by Krysia
    Kotarba (krysiakotarba)

Calendar Pages Using this Program	Journalism and Humanities

Effective Date	2026-27

Workflow	majormod ~~minormod~~
Program Code	BJHUM-30HU
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Public Affairs
Academic Unit	College of the Humanities School of Journalism and Communication (JOUR)
Degree	Bachelor of Journalism and Humanities
Title	Bachelor of Journalism and Humanities

Program Requirements

Bachelor of Journalism and Humanities
B.J. Hum. Honours (20.0 credits)

Note: students must enrol in this degree in their first year of study.

1. 1.0 credit in:			1.0
JOUR 1001 [0.5]	Foundations: Journalism in Context		
JOUR 1002 [0.5]	Foundations: Practicing Journalism in a Diverse Society		
2. 2.0 credits in:			2.0
JOUR 2201 [1.0]	Fundamentals of Reporting		
JOUR 2203 [0.5]	Civics for Journalists		
~~JOUR 2501 [0.0]~~	~~Course JOUR 2501 Not Found~~		
JOUR 2400 [0.0]	Media Law and Ethics in a Digital World		
3. 2.0 credits in:			**2.0**
JOUR 3207 [0.5]	Audio Journalism		
JOUR 3208 [0.5]	Video Journalism		
JOUR 3225 [0.5]	Reporting in Depth		
JOUR 3235 [0.5]	Digital Journalism		
~~JOUR 3300 [0.5]~~	~~Media Ethics in a Digital World~~		
4. 0.5 credit in:			0.5
JOUR 4001 [0.5]	Journalism Now - and Next		
~~**5. 2.0 credits from:** Journalism Publications and/or Specialized Journalism and/or Professional Skills and/or Investigating Journalism. (At least 0.5 credit must be taken from Journalism Publications courses and at least 0.5 credit must be taken from the Specialized Journalism courses.)~~			~~2.0~~
5. 2.5 credits from: Journalism Publications and/or Specialized Journalism and/or Professional Skills and/or Investigating Journalism. (At least 0.5 credit must be taken from Journalism Publications courses and at least 0.5 credit must be taken from the Specialized Journalism courses.)			2.5
Journalism Publications			
JOUR 4003 [0.5]	The Digital Hub: Advanced Multimedia		
JOUR 4004 [0.5]	The Digital Hub: Advanced Audio		
JOUR 4005 [0.5]	The Digital Hub: Advanced Video		

Specialized Journalism

JOUR 4300 [0.5]	Specialized Journalism: Special Topic
JOUR 4301 [0.5]	Specialized Journalism: Business and the Markets
JOUR 4302 [0.5]	Specialized Journalism: Business and Canadian Society
JOUR 4303 [0.5]	Specialized Journalism: Health and Science
JOUR 4304 [0.5]	Specialized Journalism: Environment and Science
JOUR 4305 [0.5]	Specialized Journalism: Canada and the U.S.
JOUR 4306 [0.5]	Specialized Journalism: Canada and the World
JOUR 4308 [0.5]	Specialized Journalism: Sports and Sport Culture
JOUR 4309 [0.5]	Specialized Journalism: Arts and Culture
JOUR 4311 [0.5]	Specialized Journalism: Justice and The Supreme Court
JOUR 4313 [0.5]	Specialized Journalism: Reporting in Indigenous Communities
JOUR 4314 [0.5]	Specialized Journalism: Parliament, Policy and the Press

Professional Skills

JOUR 4400 [0.5]	Professional Skills: Special Topic
JOUR 4401 [0.5]	Professional Skills: Data Storytelling
JOUR 4402 [0.5]	Professional Skills: Longform Writing
JOUR 4403 [0.5]	Professional Skills: Strategic Communication
JOUR 4404 [0.5]	Professional Skills: Freelancing for Media Professionals

Investigating Journalism

JOUR 4500 [0.5]	Investigating Journalism: Special Topic
JOUR 4501 [0.5]	Investigating Journalism: Gender, Identity and Inequality
JOUR 4502 [0.5]	Investigating Journalism: Journalism and Conflict
JOUR 4504 [0.5]	Investigating Journalism: The Media and International Development
JOUR 4505 [1.0]	Investigating Journalism: The Power and Politics of Government
JOUR 4506 [0.5]	Investigating Journalism: Trauma-Informed Journalism
JOUR 4507 [0.5]	Investigating Journalism: History of Black Journalism
JOUR 4508 [0.5]	Investigating Journalism: Inclusive Reporting in Practice

6.a. 0.5 credit from: 0.5

HIST 1301 [0.5]	Conflict and Change in Early Canadian History
HIST 1302 [0.5]	Rethinking Modern Canadian History
HIST 2301 [0.5]	Canadian Political History
HIST 2304 [0.0]	Course HIST 2304 Not Found (see Note 3 below)
HIST 2311 [0.5]	Environmental History of Canada
HIST 2313 [0.0]	Home, Work, and Play in Early Canada
HIST 2314 [0.0]	Home, Work, and Play in Modern Canada

b. 0.5 credit from: 0.5

INDG 1010 [0.5]	Indigenous Ways of Knowing
INDG 1011 [0.5]	Introduction to Indigenous-Settler Encounters
INDG 2011 [0.5]	Critical Indigenous Studies

7. **4.0 credits in** the Humanities Core: 4.0

HUMS 1000 [1.0]	Foundational Myths and Histories
HUMS 2000 [1.0]	Reason and Revelation
HUMS 3000 [1.0]	Culture and Imagination
HUMS 4000 [1.0]	Politics, Modernity and the Common Good

8. **2.0 credits in:**   2.0

HUMS 1200 [0.5]	Humanities and Classical Civilization	
HUMS 1300 [0.5]	Classical Literature and Its Reception	
HUMS 3200 [1.0]	European Literature	

9. 1.0 credit in: 1.0

HUMS 2101 [0.5]	Art from Antiquity to the Medieval World	
& HUMS 2102 [0.5]	Modern European Art 1527-2000	
or		
HUMS 3102 [0.5]	Western Music 1000-1850	
& HUMS 3103 [0.5]	Western Music 1850-2000	

10. 1.0 credits in: 1.0

RELI 2710 [1.0]	Maccabees to Muhammad	

~~**11. 0.5 credit from:**~~   ~~0.5~~

11. 1.0 credit in: 1.0

HUMS 4500 [0.5]	Modern Intellectual History	
HUMS 4103 [0.5]	Science in the Modern World	

12. 0.5 credit from: 0.5

HUMS 4901 [0.5]	Research Seminar: Antiquity to the Middle Ages	
HUMS 4902 [0.5]	Research Seminar: Renaissance to Enlightenment	
HUMS 4903 [0.5]	Research Seminar: Romanticism to the Present	
HUMS 4904 [0.5]	Research Seminar: Non-Western Traditions	
or		
0.5 credit in JOUR at the 4000 level		

13. 0.5 credit in: 0.5

RELI 1731 [0.5]	Religion and Culture	

~~and 0.5 credit in approved electives~~

~~or~~

~~1.0 credit in a beginner's level Modern language~~

~~**14. 1.0 credit in** an Intermediate level Modern language or 1.0 credit in a Beginner's level Ancient language. (An Ancient language is defined as one learned primarily for reading-knowledge, such as Greek, Latin, Biblical Hebrew, or Sanskrit).~~   ~~1.0~~

~~or~~

~~1.0 credit in approved electives~~

14. 1.0 credit in approved electives   1.0

Total Credits   20.0

Notes

1. For **Item 9** above, students who transfer into the B.J. Hum. may use up to 1.0 credit of any previously completed art and/or music courses (with the exception of advanced placement courses). Students normally take HUMS 2101 and HUMS 2102, or HUMS 3102 and HUMS 3103. Other combinations of these requirements may be allowed at the discretion of the College of the Humanities.

~~For Items 13 and 14 above, students who must take a beginner's level Modern language prerequisite to their intermediate level Modern language requirement should do so in place of RELI 1731 and 0.5 credits inelectives.S tudents who are already able to demonstrate a proficiency in an Intermediate level Modern language or a Beginner's level Ancient language may have the requirement waived, and in that case may be required to take an additional 1.0 elective credit at the 2000-level or above in order to bring their total number of credits up to the required20.0.Students fulfilling the language requirement are not permitted to register in HIST 2304 to fulfill the requirement for Item 6a.~~

New Resources   No New Resources

Summary	Removing the language requirement.
	JOUR 2501 is deactivated and replaced with new course JOUR 2400.
	History deactivated HIST 2304 and replaced it with two 0.5 credit courses, HIST 2313 and HIST 2314.
Rationale for change	We are dropping the BJHUMS language requirement to open up some room in the student's transcripts for specialization in fields of journalistic interest that may be more useful to some students than a second language. For example, with this change students who wish to pursue careers in cultural, political or economic reporting will have greater room to pursue greater background knowledge in those fields. A redeveloped Media Law and Ethics in a Digital World (JOUR 2400) combines previously separate studies of media law and ethics into a single course, which reflects how these areas intersect in the modern media landscape, and ensures that second-year students embarking on reporting are equipped with foundational knowledge and skill in the areas of media law and ethical decision making. The current demands of the third-year program – which require students to complete mandatory audio, video, in-depth and digital reporting course – are intense. Moving the core components of JOUR 3300 into the second year will benefit students by relieving some of the pressure on them in the third year of the program and delving into ethical principles earlier in the program. Further, as the existing JOUR2501 Media Law and JOUR3300 Media Ethics were both required 0.5 credits for completion of the degree, combining the two courses into one half credit will leave an additional 0.5 compulsory credit course open. We propose that to fulfil that requirement, students be required to take one additional 0.5 credit from among the fourth-year Journalism Publications, Specialized Journalism, Professional Skills or Investigating Journalism offerings.
Transition/Implementation	New 26-27 cohort will not need to fulfill language requirement; all current students who have not yet completed the language requirement will be contacted personally and provided with advice and support in moving forward with their current program or in seeking to pursue the new requirements.
Program reviewer comments	**angelwagner (09/05/25 9:39 am):** Workflow change to major mod as per request from R. Green. **vandnabhatia (09/17/25 3:43 pm):** Rollback: Please provide a more comprehensive rationale for the deletion of the language requirement. **allanthompson (09/18/25 2:15 pm):** Rollback: as requested **angelwagner (09/18/25 3:38 pm):** Rollback: Requested by K. Kotarba **angelwagner (10/16/25 12:02 pm):** Change to major modification.

Key: 1048

Program Change Request

Date Submitted: 11/04/25 9:53 am

Viewing: **TBD-1691 : Comprehensive Examinations - Mathematics and Statistics Ph.D.**

Last approved: 05/07/17 6:18 pm

Last edit: 12/04/25 12:28 pm

Last modified by: nataliephelan

Changes proposed by: nickigaertner

In Workflow

1. **MATH ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 04/30/25 11:35 am Natalie Phelan (nataliephelan): Rollback to Initiator
2. 05/02/25 1:36 pm Colin Ingalls (coliningalls): Approved for MATH ChairDir GR
3. 05/05/25 9:15 am Maria Partington (MariaPartington): Approved for SCI Dean
4. 05/13/25 11:15 am Maria Partington (MariaPartington): Approved for SCI GFCC
5. 07/30/25 2:10 pm Maria Partington (MariaPartington): Approved for SCI JFBoard
6. 11/03/25 9:34 am Robyn Green (robyngreen): Rollback to Initiator
7. 11/04/25 9:56 am Colin Ingalls (coliningalls): Approved for MATH ChairDir GR
8. 11/04/25 11:26 am Jaime Sadgrove (jaimesadgrove): Approved for SCI Dean
9. 12/01/25 9:38 am Jaime Sadgrove

(jaimesadgrove):
Approved for SCI GFCC
10. 12/01/25 9:48 am
Jaime Sadgrove
(jaimesadgrove):
Approved for SCI JFBoard

History

1. May 7, 2017 by Sandra Bauer (sandrabauer)
2. May 7, 2017 by Sandra Bauer (sandrabauer)
3. May 7, 2017 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program	Mathematics and Statistics
Effective Date	2026-27
Workflow	majormod minormod
Program Code	TBD-1691
Level	Graduate
Faculty	Faculty of Science
Academic Unit	School of Mathematics and Statistics
Degree	
Title	Comprehensive Examinations - Mathematics and Statistics Ph.D.

Program Requirements

Comprehensive Examinations

Students specializing in mathematics or probability undertake a comprehensive examination in the following areas:

- The candidate's general area of specialization at the Ph.D. level
- Examinations in four core courses on two topics chosen from applied analysis, discrete applied mathematics, algebra, analysis, probability, topology, and statistics.

Students specializing in statistics must write an examination in the following areas:

- Mathematical statistics which includes multivariate analysis
- An examination in probability, and
- An examination in either (i) applied statistics or (ii) analysis.

In all cases, the examination must be completed successfully within twenty months of initial registration in the Ph.D. program in the case of full-time students, and within thirty-eight months of initial registration in the case of part-time students.

All Ph.D. candidates are also required to undertake a final oral examination on the subject of their thesis.

New Resources	No New Resources
Summary	Remove the requirement that PhD students, excluding those in Statistics, complete two basic exams in two subjects. Students, excluding those in Statistics, will be required to write four basic exams across any of the subjects. Students are expected to approve their choice of basic exams with their supervisor.
Rationale for change	Decoupling the pairs of exams will allow greater flexibility in the choice of topics and allow students to gain a broader knowledge of mathematical topics. We note that for some subjects, the two courses in the pair are not related and so a student can take the second course in the pair without having completed the first. De-coupling the pairs of exams will also help students who have failed an exam complete their basic exams in a more timely manner. With the approval of their supervisor, they can choose to write an exam in a different subject the following semester, rather than having to wait a full year for the exam they failed to be offered again. Comprehensive exams for Statistics students in the School are different from those for Mathematics and Probability students, and do not include the component called 'basic comprehensive component'. For this reason and because the comprehensive exam requirements for Statistics students in the School are now under revision, the proposed changes do not apply to Statistics students.
Transition/Implementation	This will include new students starting fall 2026.
Program reviewer comments	**nickigaertner (04/29/25 12:05 pm):** Colin please change the active date to 2026-2027 **nataliephelan (04/30/25 11:35 am):** Rollback: As requested. **robyngreen (11/03/25 9:34 am):** Rollback: Additional information about number of PhD exams are required. **nataliephelan (12/04/25 12:28 pm):** At the request of N. Stepanova and R. Green, removed "one-term" from the second bullet under Math comp exams, for better comprehension.

Key: 1691

Program Change Request

Date Submitted: 10/01/25 3:26 pm

Viewing: **TBD-1160 : R-GR-ADMREQT-COMPSCI MCS**

Last approved: 12/15/23 11:23 am

Last edit: 12/16/25 11:03 am

Last modified by: nataliephelan

Changes proposed by: katherinewaitschat

In Workflow

1. **COMP ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 10/02/25 10:40 am
   JeanPierre Corriveau
   (jeanpierrecorriveau):
   Approved for COMP
   ChairDir GR
2. 10/02/25 11:47 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 10/16/25 3:55 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 11/11/25 11:07 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
5. 12/10/25 10:48 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP

History

1. Jun 8, 2015 by Sandra
   Bauer (sandrabauer)
2. Jan 13, 2016 by
   jenessaspeed
3. May 3, 2017 by Sandra
   Bauer (sandrabauer)

4. May 3, 2017 by Sandra Bauer (sandrabauer)
5. Feb 25, 2020 by Sarah Cleary (sarahcleary)
6. Apr 20, 2022 by Natalie Phelan (nataliephelan)
7. Dec 15, 2023 by Katherine Waitschat (katherinewaitschat)

Calendar Pages Using this Program	Computer Science
Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-1160
Level	Graduate
Faculty	Faculty of Science
Academic Unit	School of Computer Science
Degree	
Title	R-GR-ADMREQT-COMPSCI MCS

Program Requirements

Admission

M.C.S.
M.C.S. with Collaborative Specialization in Data Science
M.C.S with Collaborative Specialization in Cybersecurity

See the General Regulations section of this Calendar for detailed admission requirements. Applicants should have an honours bachelor's degree in computer science or the equivalent. By equivalent is meant an honours degree in a program that includes at least twelve computer science half-credits, two of which must be at the 4000-level, and eight half-credits in mathematics, one of which must be at the 3000- or 4000-level.

Applicants who have a three-year non-honours bachelor's degree, or who otherwise lack the required undergraduate preparation, may be admitted to a qualifying-year program. Refer to the General Regulations section of this Calendar for regulations governing the qualifying year.

~~Accelerated Pathway The accelerated pathway in the~~M.C.S.Accelerated Pathway

The accelerated pathway in the Master of Computer Science (M.C.S.) program is a flexible and individualized plan of ~~of~~ graduate study. Students in their third year of the Bachelor of Computer Science (Hons.) *or* Bachelor of Cybersecurity (Hons.) programs at Carleton ~~degree~~ with demonstrated academic excellence and aptitude for research may qualify for this option.

Students in their third year of study in the ~~Carleton~~ B.C.S. (Hons.) or B.Cyber. (Hons.) programs should ~~degree should~~ consult with both an SCS Undergraduate Advisor and the Graduate Director to determine if the accelerated pathway is appropriate for them and to confirm their course selection ~~of courses~~ for their final year of undergraduate studies.

If approved for the M.C.S. ~~If admitted to the M.C.S~~ Accelerated Pathway, students may ~~can~~ take up to two ~~1.0 credit in~~ 5000-level COMP courses (up ~~COMP. If the student wishes~~ to 1.0 credit) in ~~apply for the M.C.S program, the COMP 5000-level courses taken as part of the B.C.S may receive advanced standing of up to 1.0 credit which can reduce~~ their fourth year. If the student wishes to apply and is admitted ~~time~~ to the M.C.S. ~~completion in the M.C.S program. Hons.degree with demonstrated academic excellence and aptitude for research may qualify for thisoption.~~program, ~~Students in their third-year of study in~~ the 5000-level COMP courses taken as part of the B.C.S. (Hons.) or B.Cyber. (Hons.) may receive advanced standing of up to 1.0 credit, provided the grades achieved are B+ or greater. This can reduce ~~Accelerated PathwayThe accelerated pathway in~~ the time required to complete the M.C.S. program.

~~Hons.degree should consult with both an SCS Undergraduate Advisor and the Graduate Director to determine if the accelerated pathway is appropriate for them and to confirm their selection of courses for their final year of undergraduatestudies.If admitted to the M.C.S Accelerated Pathway, students can take up 1.0 credit in 5000-level COMP. If the student wishes to apply for the M.C.S program, the COMP 5000-level courses taken as part of the B.C.S may receive advanced standing of up to 1.0 credit which can reduce their time to completion in the M.C.S program.~~ Requirements ~~Requirement~~ for Eligibility to the Accelerated Pathway

1. Third year standing in the B.C.S. (Hons.) or B.Cyber. (Hons.) program with substantial completion of the required courses at the 3000-level and below. ~~Minimum~~
2. Major CGPA of at least 10.0. ~~A-.~~

Requirements for Eligibility ~~Admission~~ to the M.C.S. ~~MCS after completing the Accelerated Pathway~~ program after completing the Accelerated Pathway

1. 0.5 credit in COMP at the 5000-level with a grade of B+ or higher.
2. Minimum overall and Major CGPA of A-.

New Resources	No New Resources
Summary	Updated Accelerated Pathway language to include B.Cyber. program.
Rationale for change	The B.Cyber (Hons.) program is a natural extension of the B.C.S. program and aligns well with the M.C.S. curriculum and faculty expertise. Including it in the Accelerated Pathway supports our recruitment efforts by attracting top students for our graduate programs while also providing strong B.Cyber students the opportunity to fast-track their studies.
Transition/Implementation	Update to website.
Program reviewer comments	**nataliephelan (12/16/25 11:03 am):** Per SCCASP December 16 2025, updated wording in third paragraph under Accelerated Pathway heading, for consistency and correctness.

Key: 1160

Course Change Request

New Course Proposal

Date Submitted: 11/24/25 4:44 pm

Viewing: **BUSI 5993 : Professional Practicum**

Last edit: 12/11/25 10:24 am

[Changes proposed by: jessicawhitney](#)

Approval Path

1. 11/25/25 8:57 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUSI
   ChairDir GR
2. 11/25/25 8:59 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUS GFCC
3. 11/25/25 9:00 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUS FBoard

Effective Date	2026-27
Workflow	majormod
New Resources	No New Resources
Level	Graduate
Course Code	BUSI
Course Number	5993
Title	Professional Practicum
Title (short)	Professional Practicum
Faculty	Sprott School of Business

Academic Unit	School of Business
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	None
Course Description	Students engage in an approved professional development course(s) at Carleton University that fosters the development of applied skills complementary to their professional graduate studies.
Prerequisite(s)	Departmental Permission
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	Other
	*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	This course allows students in our professional graduate programs to pursue professional development opportunities (including working toward professional designations and certifications), while in program.
Rationale for new course	Mechanism to allow access to professional pathways with the goal of: •Increasing flexibility in learning pathways through diverse modalities and varied content to cater to diverse learners and needs. •Increasing agility in adapting our curriculum to equip students with the tools and strategies to navigate the complex and ever- changing business landscape by enhancing alignment of academic programs with professional development opportunities. •Enhancing our ability to offer a wide range of courses and programs that respond to current needs and market trends. Will also propose .5 and .25 credit version to facilitate the approval of different levels of engagement with professional development offerings.
Course reviewer comments	**nataliephelan (12/11/25 10:24 am):** After discussion with APSI, changed to majormod workflow.

Course Change Request

New Course Proposal

Date Submitted: 11/24/25 4:45 pm

Viewing: **BUSI 5994 : Professional Practicum**

Last edit: 12/11/25 10:24 am

Changes proposed by: jessicawhitney

Approval Path

1. 11/25/25 8:57 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUSI
   ChairDir GR
2. 11/25/25 8:59 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUS GFCC
3. 11/25/25 9:00 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUS FBoard

Effective Date	2026-27
Workflow	majormod
New Resources	No New Resources
Level	Graduate
Course Code	BUSI
Course Number	5994
Title	Professional Practicum
Title (short)	Professional Practicum
Faculty	Sprott School of Business

Academic Unit	School of Business
Credit Value	0.25
Special/Selected Topics	Not Applicable
Significant Experiential Learning	None
Course Description	Students engage in an approved professional development course(s) at Carleton University that fosters the development of applied skills complementary to their professional graduate studies.
Prerequisite(s)	Departmental Permission.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	Other
	*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	This course allows students in our professional graduate programs to pursue professional development opportunities (including working toward professional designations and certifications), while in program.
Rationale for new course	Mechanism to allow access to professional pathways with the goal of: •Increasing flexibility in learning pathways through diverse modalities and varied content to cater to diverse learners and needs. •Increasing agility in adapting our curriculum to equip students with the tools and strategies to navigate the complex and ever- changing business landscape by enhancing alignment of academic programs with professional development opportunities. •Enhancing our ability to offer a wide range of courses and programs that respond to current needs and market trends. Will also propose .5 credit version to facilitate the approval of different levels of engagement with professional development offerings.
Course reviewer comments	**nataliephelan (12/11/25 10:24 am):** After discussion with APSI, changed to majormod workflow.

Key: 11297

Preview Bridge

Course Change Request

New Course Proposal

Date Submitted: 11/24/25 4:45 pm

Viewing: **BUSI 5996 : Professional Practicum**

Last edit: 12/11/25 10:25 am

Changes proposed by: jessicawhitney

Approval Path

1. 11/25/25 8:57 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUSI
   ChairDir GR
2. 11/25/25 8:59 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUS GFCC
3. 11/25/25 9:00 am
   Luciara Nardon
   (luciaranardon):
   Approved for BUS FBoard

Effective Date	2026-27
Workflow	majormod
New Resources	No New Resources
Level	Graduate
Course Code	BUSI
Course Number	5996
Title	Professional Practicum
Title (short)	Professional Practicum
Faculty	Sprott School of Business

Academic Unit	School of Business
Credit Value	0.50
Special/Selected Topics	Not Applicable
Significant Experiential Learning	None
Course Description	Students engage in an approved professional development course(s) at Carleton University that fosters the development of applied skills complementary to their professional graduate studies.
Prerequisite(s)	Departmental Permission.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

Grade Mode	Satisfactory/Unsatisfactory
Schedule Type	Other
	*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	This course allows students in our professional graduate programs to pursue professional development opportunities (including working toward professional designations and certifications), while in program.
Rationale for new course	Mechanism to allow access to professional pathways with the goal of: •Increasing flexibility in learning pathways through diverse modalities and varied content to cater to diverse learners and needs. •Increasing agility in adapting our curriculum to equip students with the tools and strategies to navigate the complex and ever- changing business landscape by enhancing alignment of academic programs with professional development opportunities. •Enhancing our ability to offer a wide range of courses and programs that respond to current needs and market trends.
Course reviewer comments	**nataliephelan (12/11/25 10:25 am):** After discussion with APSI, changed to majormod workflow.

MEMORANDUM

To: **Vice-President's Academic and Research Committee (VPARC) for A1s**
Senate Quality Assurance and Planning Committee (SQAPC) for A2s

From: Rebecca Renfroe, Associate Dean, Student Success and Recruitment, Undergraduate Programs

CC: Howard Nemiroff, Dean Sprott School of Business

Date: Nov 27, 2025

Subject: Major Modification for Stream in Financial Planning

Modification Description

Rationale and Description: This modification is for the introduction of the Stream in Financial Planning. The development of the stream is in alignment with Sprott's current strategic priority focusing on transformational education, as outlined in our Strategic Plan:

Strategic Priority: Transformation Education for Lifelong Learning

- Continuously adapting our curriculum to equip students with the tools and strategies to navigate the complex and ever-changing business landscape.

This Stream in Financial Planning also aligns with Carleton's commitment to support industry-relevant education and job readiness. The stream will enhance our undergraduate business degrees by offering in-depth courses in financial planning, preparing Sprott students for roles in financial leadership. The courses in the stream are aligned with FP Canada standards (a national non-profit that certifies financial planners) and designed to prepare students for professional certification, with the Certified Financial Planner (CFP) designation. Students who complete the Stream in Financial Planning will be ready to challenge the Financial Planning Institute exams and be prepared for employment at any major financial institution.

Across the three courses in the stream, students build foundational knowledge in financial management, insurance, and risk; advance into retirement and estate planning with legal considerations; and culminate in a capstone course applying all concepts through practical, case-based work. Graduates of the stream are equipped with the technical knowledge, analytical skills, and professional judgment needed to design and evaluate financial plans that support clients' long-term goals.

Program Structure:

The Stream in Financial Planning will be available to students registered in the B.Com. program only. Students enrolled in either Stream must satisfy the requirements for B.Com. while gaining credit for the requirements of the Stream. 1.5 unique credits are required to fulfill a Stream.

Stream in Financial Planning

      1. 1.5 credit in:
      BUSI 2535 [0.5]   Financial Planning I
      BUSI 3535 [0.5]   Financial Planning II
      BUSI 4535 [0.5]   Financial Planning III

The Stream in Financial Planning will be offered in face-to-face or Hyflex delivery, dependent on the environment.

Impact on Other Programs

We expect the impact to be minimal to some of our streams and concentrations. These courses are unique and different to the courses in our finance or accounting concentrations and in our streams in corporate finance or investments. There may be some draw from these streams or concentrations should a student find they are looking for something different, and this stream opens up another opportunity for students to enhance their B.Com degree. As these are complementary to our concentrations, and seamless for our finance or accounting concentration students to enter, we predict there will be finance and accounting concentration students that may add this as a stream as an additional element to their degree.

Impact on Learning Outcomes and Curriculum Map

The following program learning goals and objectives for the B.Com will be further explored within the Stream in Financial Planning.

Curriculum Map for the Stream in Financial Planning:

I= Introduction of Learning Objective, D=Development of Learning Objective, A=Advancement of Learning Objective

	Knowledge					Collaboration		Critical Thinking			Communication			
	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	4.1	4.2	4.3	4.4
BUSI 2535	D		D				D		D		D	D	D	D
BUSI 3535	D		D				D		A		D	D	D	D
BUSI 4535	A		A		A		A	A	A		A	A	D	A

Societal Need

Canadians face increasing complexity in managing personal finances — from retirement security and tax planning to risk management and estate transfers. The financial services industry has identified a shortage of qualified professionals able to provide holistic, client-centred planning. By offering a dedicated stream, the university responds directly to this labour market need.

Further, the Certified Financial Planner (CFP) designation remains the national gold standard in professional financial planning, underscoring the importance of advanced training and industry-aligned preparation. By offering a program in financial planning, Carleton can position itself as a leader in developing graduates who are equipped for meaningful, high-impact careers in a vital and expanding field.

Students

There is growing interest among undergraduate business students in career pathways that go beyond accounting and finance into applied financial advisory roles. Financial planning offers an accessible and high-impact profession, with strong employment opportunities across banking, wealth management, insurance, and independent advisory firms. Canada's financial services sector employs over 280,000 professionals, with more than 2,260 roles in Ottawa alone, reflecting strong and sustained demand for qualified talent.

Resources

a. *Faculty resources*: No additional resources are required as all courses will be absorbed into present faculty or additional CI loads.
b. *Contract instructors*: CIs will be hired from Industry who will have the certification to teach these courses.
c. *Administrative support*: No additional administrative support needed, and support will be absorbed by current administrative staff.
d. *Library resources*: No additional library support beyond what is presently held will be required.
e. *Space*: No labs or additional space is required.
f. *Equipment*: No additional equipment is required.

Governance

There is no impact on governance with the introduction of the Stream in Financial Planning. Sprott Faculty Board will oversee undergraduate curricula at Sprott with initial review and recommendations made by the Sprott Undergraduate Curriculum Review Committee.

Program Change Request

New Program Proposal

Date Submitted: 11/06/25 3:09 pm

Viewing: TBD-2338 : Stream in Financial Planning

Last edit: 11/06/25 3:09 pm

Last modified by: mariawalt

Changes proposed by: mariawalt

In Workflow

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

Approval Path

1. 11/25/25 2:09 pm
   Rebecca Renfroe
   (rebeccarenfroe):
   Approved for BUSI
   ChairDir UG
2. 11/25/25 2:12 pm
   Rebecca Renfroe
   (rebeccarenfroe):
   Approved for BUS
   Dean
3. 11/25/25 2:14 pm
   Rebecca Renfroe
   (rebeccarenfroe):
   Approved for BUS
   FCC
4. 11/25/25 2:14 pm
   Rebecca Renfroe
   (rebeccarenfroe):
   Approved for BUS
   FBoard

Effective Date	2026-27
Workflow	majormod
Program Code	TBD-2338

Level	Undergraduate
Faculty	Sprott School of Business
Academic Unit	School of Business
Degree	
Title	Stream in Financial Planning

Program Requirements

Stream in Financial Planning (1.5 credits)

Available to students in degree programs offered by the Sprott School of Business. Courses in the Stream may have additional prerequisites that must be satisfied. 1.5 unique credits are required to fulfill the Stream in Financial Planning.

1.5 credits in:		1.5
BUSI 2535 [0.0]	Financial Planning I	
BUSI 3535 [0.0]	Financial Planning II	
BUSI 4535 [0.0]	Financial Planning III	

New Resources	No New Resources
Summary	New Stream in Financial Planning
Rationale	This stream will enhance Business education with a strategic offering in financial planning, positioning Sprott students at the centre of the future of financial leadership. Students who complete the Stream in Financial Planning will be ready to challenge the Financial Planning Institute exams and will be ready for employment at any major financial institution.
Transition/Implementation	Students will be advised by Sprott based on course offerings.

Program reviewer comments

Key: 2338

Associated Minors

Course	Action
BUSI 2525	Added
BUSI 3535	Added
BUSI 4535	Added

Program Change Request

Date Submitted: 12/02/25 7:58 am

Viewing: **TBD-1228 : R-GR-ADMREQT-Computer Science PhD**

Last approved: 05/03/17 2:04 pm

Last edit: 12/02/25 7:58 am

Last modified by: katherinewaitschat

Changes proposed by: katherinewaitschat

In Workflow

1. **COMP ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Approval Path

1. 12/02/25 7:51 am
   Katherine Waitschat
   (katherinewaitschat):
   Rollback to Initiator
2. 12/03/25 6:34 am
   JeanPierre Corriveau
   (jeanpierrecorriveau):
   Approved for COMP
   ChairDir GR
3. 12/03/25 8:48 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
4. 12/11/25 11:33 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
5. 12/11/25 11:34 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard

History

1. Jun 18, 2015 by Sandra
   Bauer (sandrabauer)
2. Jan 13, 2016 by
   jenessaspeed
3. May 3, 2017 by Sandra
   Bauer (sandrabauer)

Calendar Pages Using this Program	<u>Computer Science</u>

Effective Date	2026-27
Workflow	<u>majormod</u> ~~minormod~~
Program Code	TBD-1228
Level	Graduate
Faculty	Faculty of Science
Academic Unit	School of Computer Science
Degree	
Title	R-GR-ADMREQT-Computer Science PhD

Program Requirements

Admission

See the General Regulations section of this Calendar for detailed admission requirements.

1. **Admission with Master's degree**: <u>the normal requirement for admission</u> ~~Admission~~ to the Ph.D. <u>program is</u> ~~in Computer Science requires~~ a <u>thesis-based Master of Computer Science (M.C.S.)</u> ~~Masters in Computer Science with thesis,~~ or <u>the</u> equivalent ~~including~~ demonstrated ~~significant~~ research <u>potential.</u> ~~ability.~~

2. **Admission with Bachelor's degree**: ~~In exceptional cases, students who are currently in the~~ M.C.S. <u>exceptional applicants holding an Honour's Bachelor of Computer Science</u> ~~program and who have completed all course requirements~~ with <u>thesis or equivalent, with demonstrated research potential and with</u> a <u>minimum GPA of A-</u> ~~grade of no less than A~~ in <u>Computer Science, each course</u> may be <u>directly admitted</u> ~~permitted~~ to ~~transfer into~~ the Ph.D. program. <u>It is highly recommended that applicants considering this option contact potential supervisors before applying.</u>

3. **Fast-track**: <u>at the request of their supervisor, a student already in the M.C.S.</u> <u>with demonstrated research potential and who has completed at least at least 3 graduate courses with an A or A+ may be fast-tracked to the Ph.D.</u> <u>before they complete the first year of their M.C.S.</u>

New Resources	No New Resources
Summary	Inclusion of a direct-entry PhD pathway.
Rationale for change	To enhance Carleton's competitiveness with U.S. institutions.
Transition/Implementation	1. New audit structure needed for direct-entry students 2. Updates to program website and promotional materials

Program reviewer comments	**katherinewaitschat (12/02/25 7:51 am):** Rollback: further revisions required.

Key: 1228

Major Modification for Physics program MSc Physics – Stream in Modern Technology: A1

MEMORANDUM

To: Vice-President's Academic and Research Committee (VPARC)

From: Kevin Graham, Chair, Department of Physics

CC: Maria DeRosa, Dean, Faculty of Science
Matthias Neufang, Associate Dean (Graduate Affairs), Faculty of Science

Date: 19/12/25

Subject: Major Modification to M.Sc. in Physics, Stream in Modern Technology Track [A1]

Modification Description

This program is being updated to reflect the current state of the field in terms of technological focus. In particular, the program is being modified to provide a specific emphasis on quantum and related technologies.

The key changes include:

- modification of the name to reflect a stronger quantum related emphasis. The new name is MSc Physics – Quantum Science and Technology;
- creation of new course PHYS 5705 – Introduction to Quantum Phenomena;
- inclusion of additional course options including Computer Science and Mathematics courses;
- allow for a version that is strictly course-based along with the original version that includes a work term.

The main graduation requirement is completion of the 4.0 credits. This can either be achieved via eight 0.5 credits courses or six 0.5 credit courses plus a 1.0 credit work term.

Notes:

The only new resource required to deliver this program is the instructor to teach the new 0.5 credit course PHYS 5705: Introduction to Quantum Phenomena. This course is being cross-listed as an undergraduate course PHYS 4705 with the expectation that a sizeable number of Physics program students will be interested in taking it. This course will be required for this program,

along with one of the original courses in the program. This program is not supported by internal graduate funding and hence only a relatively small number of students enrolled in the program will cover the cost of the additional resource required.

The inclusion of optional courses from the School of Mathematics and Statistics and from the School of Computer Science broadens the scope of studies crossing disciplines and strengthens the quantum focus of the program.

Impact on Other Programs

This program is not expected to have direct impact on existing programs either in Physics or in other academic units at Carleton. The existing Physics programs are either research based and include a research thesis (e.g. Particle Physics and Medical Physics programs) or course-based but with a different focus. In particular, the work term for this program could offer a unique opportunity not available in the other programs. The intention of this program is that it will provide skills upgrades for professionals either already in or planning to pursue a career in industry. It is not expected that programs in other units will be affected as none focus on Quantum Science and Technology in the way that this program does. The program also leverages courses at the University of Ottawa through the Joint Institutes.

One side-benefit of this program is that it will increase enrollment in already delivered courses that are required for other programs.

Impact on Learning Outcomes and Curriculum Map

The learning outcomes are only being modified in terms of the quantum focus of modern technology and hence this section will be included, but with only a brief description of change highlights.

The primary change to the learning outcomes stems from the enhanced focus on quantum science and technology. This is an area experiencing significant growth in Canada and abroad and there is an expectation of a large increase in the need for highly skilled personnel in government and industry. The adjustments to this program leverage existing courses already delivered by Physics, Mathematics, and Computer Science along with courses at the University of Ottawa. Only one new course is being added to supplement the existing available courses. Some of the specific topics of focus in the program include:

- general understanding of quantum systems

- quantum communication and cryptology

- quantum materials

- quantum sensing

- modern optics

- for students that take the work term, appropriate placement with a quantum or quantum-related company will enhance the connections between the course material and industry work

Societal Need

The Physics in Modern Technology program was developed to prepare students to enter the workforce as highly trained personnel in physics applied to technology. However, this field of physics now has a significant focus on quantum science due to the increased applications of quantum technology, a highly prominent example of modern technology. Beyond computing, quantum science is poised to disrupt how we measure the world, the materials we create, and the security of our communications and data. Quantum science is becoming a modern technology stream of focus for physics in 2025 and beyond. Furthermore, Canada, France, Germany, the United Kingdom, the United States and others have all released quantum strategies in the last five years, pledging increased research funding and support for the commercialization of quantum science solutions. Our proposal aligns the M.Sc. Physics - Physics in Modern Technology stream with the realities of the quantum future, and effectively adapts the existing program to the evolution of the field. Accordingly, the core credits are being adjusted to include a new course with specific focus on quantum systems. Additional courses from Math and Computer Science will also be available with this and related foci. Overall, these changes focus the degree on a topical, in-demand modern technology area of physics through a realignment of the existing program.

Students

Students in Physics, Math, and Computer Science programs are expressing an in interest in having a graduate-level program available. There is a Carleton Quantum Computing Society created by students at Carleton clearly demonstrating the interest in this area and hence creation of this program. Through interactions with both the Federal Government and industry, it is clear that there will be a significant increase in the need for quantum experts in the near future. For example, there has been a recent call by the Canada Impact+ Research Infrastructure Fund (CIRIF) for applications with a priority area of "Advanced digital technologies (including AI, quantum and cybersecurity)". In addition, Carleton recently hosted the Finnish Minister for Foreign Trade and Development and the Honourable Mélanie Joly, Canada's Minister of Innovation, Science, and Industry along with industry partners to discuss strengthening ties between Canada and Finland on quantum related areas.

Resources

All courses including the new 0.5 credit course being created will be delivered through our existing faculty complement. Hence, the only potential resources required are (at most) one additional CI and one TA, in a given year; here, the former would replace the faculty member teaching the new course in a course they would otherwise have taught, and the latter would support the new course. The cost of one CI plus one TA is less than $20,000.

Since this program is not supported by internal graduate funding, approximately three domestic students enrolled would be required to cover the costs.

No new Faculty are required to deliver this program.
- a.) Since one new 0.5 credit course is being created, it is possible that, owing to availability of Physics Department professors, occasionally in some years a CI could be required to teach another course to ensure availability of a professor to teach this course.
- b.) There is no significant increase in administrative support required to operate this program.
- c.) At this time, no required Library resources are anticipated.
- d.) No additional space is required to operate this program.
- e.) No new equipment is required to operate this program.
- f.) This program is not supported by internal graduate funding.

Governance

The Physics Department will continue to administer this program. Physics will collaborate closely with the School of Mathematics and Statistics, the School of Computer Science, and the Joint Institutes, since courses from those entities are included in the program offerings.

Tuition

The tuition rate for this program should be the same as for the other course-based MSc programs in Physics that are not supported by internal graduate funding.

Program Change Request

Date Submitted: 11/07/25 3:01 pm

In Workflow

1. **PHYS ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. SCCASP
7. SQAPC
8. Senate
9. CalEditor

Viewing: **TBD-2343 : M.Sc. Physics <u>Quantum Science and</u> ~~Modern~~ Technology**

Last approved: 11/04/25 11:00 am

Last edit: 11/25/25 11:06 am

Last modified by: nataliephelan

<u>Changes proposed by: kevingraham</u>

Approval Path

1. 11/07/25 3:06 pm
   Kevin Graham
   (kevingraham): Approved
   for PHYS ChairDir GR
2. 11/11/25 10:38 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 12/01/25 9:38 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 12/01/25 9:48 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard

History

1. Nov 4, 2025 by Natalie
   Phelan (nataliephelan)
2. Nov 4, 2025 by Natalie
   Phelan (nataliephelan)

Calendar Pages Using this Program	<u>Physics</u>
Effective Date	2026-27
Workflow	<u>majormod</u> ~~minormod~~

Program Code	TBD-2343
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Department of Physics
Degree	Master of Science
Title	M.Sc. Physics Quantum Science and ~~Modern~~ Technology

Program Requirements

M.Sc. Physics - Quantum Science and ~~Physics in Modern~~ Technology Stream (4.0 credits)

Requirements - Quantum Science and Technology Stream:

1. 1.0 credit in: **1.0**

PHYS 5002 [0.5]	Statistical Data Analysis Techniques for Physics	
~~PHYJ 5003 [0.5]~~	~~Computer Simulations in Physics~~	
~~PHYJ 5004 [0.5]~~	~~Computational Physics: Deterministic Methods~~	
~~PHYJ 5005 [0.5]~~	~~Computational Physics: Stochastic Methods~~	

~~**2. 2.0 credits in** PHYS or PHYJ. With approval of the graduate supervisor, an appropriate graduate-level course outside the department of physics can be used.~~ ~~2.0~~

~~**3. 1.0 credit in:**~~ ~~1.0~~

PHYS 5705 [0.0]	Introduction to Quantum Phenomena	

2. 2.0 credits from: **2.0**

PHYS 5701 [0.5]	Intermediate Quantum Mechanics with Applications	
PHYS 5702 [0.5]	Relativistic Quantum Mechanics	
PHYS 5318 [0.5]	Modern Optics	
PHYJ 5390 [0.5]	Seminar in Quantum Science and Technology	
PHYJ 5391 [0.5]	Quantum Materials, Nanostructures and Devices	
MATH 5609 [0.5]	Topics in Combinatorial Mathematics	
MATH 5811 [0.0]	Fields and Coding Theory	
MATH 5812 [0.0]	Sequences and Applications in Communications and Cryptography	
MATH 5821 [0.5]	Quantum Computing	
COMP 5114 [0.5]	Quantum Communications and Networking	
COMP 5120 [0.5]	Cryptography	
or MATH 5300 [0.5]	Mathematical Cryptography	

3. 1.0 credit from: 1.0

PHYS 5905 [1.0]	Work Term	
or 1.0 credit in PHYS, PHYJ, MATH, or COMP at the 5000-level or above		

Total Credits   4.0

Notes: ~~Note:~~

~~Admission to the Modern Technology Stream is currentlyclosed.Please contact the department if you have anyquestions.Note:Students enrolled in the physics in modern technology stream are required to complete a work term rather than a researchthesis.Students in this stream who wish to pursue a research degree should consult with the graduatesupervisor.~~<u>1.) Students enrolled in the quantum science and technology stream can either complete the indicated</u> ~~Although every effort is made to find a~~ work term <u>or complete additional courses. Although every effort is made to find a work term</u> position for every student <u>enrolled in the</u> ~~enrolled in the~~ physics <u>in quantum science and technology</u> ~~in modern technology~~ stream, no guarantee of employment <u>can</u> ~~can~~ be <u>made. Students in this stream who wish to consider pursuing a research degree should consult with the graduate supervisor.</u> ~~made.~~

<u>2.) Some courses might not offered every year and also some courses are delivered at the University of Ottawa. Please consult the Physics Department for details.</u>

~~To minimize the likelihood of a work term position not being found, enrollment will be limited to reflect the availability of work termplacements.In the event that a work term placement cannot be found, students may fulfill theM.Sc.requirements with 4.0 credits of coursework.Guidelines for Completion of Modern Technology Stream Students in the physics in modern technology stream are normally expected to complete all their requirements in three successive terms of registered full-timestudy.~~

New Resources	No New Resources
Summary	1. Title is being changed to emphasize a focus on the quantum aspects of modern technology 2. PHYS 5705 is being created to fulfill 1. 3. We are adding courses from both MATH and COMP again to emphasize 1. 4. We will allow students to either complete a relevant work-term or take additional courses instead.
Rationale for change	The MSc Physics - Physics in Modern Technology program was developed to prepare students to enter the workforce as highly trained personnel in physics applied to technology. However, this field of physics now has a significant focus on quantum science due to the increased applications of quantum technology, a highly prominent example of modern technology. Beyond computing, quantum science is poised to disrupt how we measure the world, the materials we create, and the security of our communications and data. Quantum science is becoming a modern technology stream of focus for physics in 2025 and beyond. Furthermore, Canada, France, Germany, the United Kingdom, the United States and others have all released quantum strategies in the last five years, pledging increased research funding and support for the commercialization of quantum science solutions. Our proposal aligns the M.Sc. Physics - Physics in Modern Technology stream with the realities of the quantum future, and effectively adapts the existing program to the evolution of the field. Accordingly, the core credits are being increased from 1.0 to 1.5 with a focus on quantum science as opposed to physics in general, and the elective options are reduced by 0.5 credits and again emphasize quantum science and its applications. Overall, these changes focus the degree on a topical, in-demand modern technology area of physics through a realignment of the existing program.
Transition/Implementation	Apart from creating the new course PHYS 5705, for which we already have the professor lined up to do this, we are ready to start delivering the program. No students are currently enrolled in the previous iteration of the program.
Program reviewer comments	**nataliephelan (11/25/25 11:05 am):** Per SCAP-G on November 25 2025, MATH 5821 is moved into electives, item 1 decreased to 1.0 credit in required courses, item 2 increased to 2.0 credits in electives. **nataliephelan (11/25/25 1:51 pm):** Per SCAP-G on November 25 2025, this change has been communicated to the University of Ottawa.

Key: 2343

Course Change Request

Date Submitted: 11/14/25 3:49 pm

Viewing: **PHYS 5905 : ~~Physics in Modern Technology~~ Work Term**

Last approved: 03/08/24 5:25 am

Last edit: 12/08/25 3:51 pm

[Changes proposed by: kevingraham](#)

Calendar Pages referencing this course	[Physics](#) [Physics (PHYS)](#)
Programs referencing this course	[M.Sc. Physics Quantum Science and Technology](#)

In Workflow

1. **PHYS ChairDir GR**
2. **SCI GFCC**
3. **SCI JFBoard**
4. **PRE SCCASP**
5. SCCASP
6. SQAPC
7. Senate
8. CalEditor
9. Banner

Approval Path

1. 11/07/25 3:06 pm Kevin Graham (kevingraham): Approved for PHYS ChairDir GR
2. 11/14/25 3:37 pm Natalie Phelan (nataliephelan): Rollback to Initiator
3. 11/14/25 3:50 pm Kevin Graham (kevingraham): Approved for PHYS ChairDir GR
4. 12/01/25 9:38 am Jaime Sadgrove (jaimesadgrove): Approved for SCI GFCC
5. 12/01/25 9:48 am Jaime Sadgrove (jaimesadgrove): Approved for SCI JFBoard

History

1. Mar 13, 2019 by mikelabreque
2. Mar 8, 2024 by Sandra Bauer (sandrabauer)

Effective Date	2026-27
Workflow	majormod ~~minormod~~

Level	Graduate
Course Code	PHYS
Course Number	5905
Title	~~Physics in Modern Technology~~ Work Term
Title (short)	~~Phys in ModernTech:~~Work Term

Faculty	Faculty of Science
Academic Unit	Department of Physics
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Internships
Course Description	Experience for students enrolled in the <u>quantum science and</u> ~~physics in modern~~ technology stream. To receive course credit, students must receive satisfactory evaluations for their work term employment. Written and oral reports describing the work term project are required.
Prerequisite(s)	<u>Registration</u> ~~registration~~ in the <u>quantum science and</u> ~~physics in modern~~ technology stream of the M.Sc. program and permission of the Department.
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	PHY 5495

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	1. Title is being changed to allow for a broader scope in work term placements.
Rationale for change	Title change to allow for a broader scope in work term placements. Although the program title is changing to reflect current focii in the field, it is pragmatic to give a slightly broader scope to the work term specification as many different types of placement could be relevant to students in this program.

| Course reviewer comments | **nataliephelan (11/14/25 3:37 pm):** Rollback: For additional rationale.
nataliephelan (11/25/25 1:22 pm): Per SCAP-G on November 25 2025, this change has been communicated to the University of Ottawa.
nataliephelan (12/08/25 3:51 pm): Per R. Green, changed to majormod workflow. |

Key: 6550

Preview Bridge

Associated Minors

Course Code	Course Name	Action
PHYS 5705	Introduction to Quantum Phenomena	Added

Program Change Request

Date Submitted: 09/29/25 10:20 am

Viewing: **TBD-2337 : R-GR-ADMREQT-DSAAI All Master's** ~~Data Science, Analytics and Artificial Intelligence General Admission All Master's~~

Last approved: 09/29/25 9:01 am

Last edit: 11/18/25 2:28 pm

Last modified by: nataliephelan

Changes proposed by: katherinewaitschat

In Workflow

1. **DATA ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **PRE SCCASP**
6. **SCCASP**
7. **SQAPC**
8. Senate
9. CalEditor

Approval Path

1. 09/29/25 2:29 pm
   Olga Baysal (olgabaysal):
   Approved for DATA
   ChairDir GR
2. 09/29/25 2:53 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
3. 10/30/25 10:42 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
4. 11/11/25 11:05 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
5. 11/14/25 4:34 pm
   Angel Wagner
   (angelwagner): Approved
   for PRE SCCASP
6. 11/18/25 4:01 pm
   Caitlin MacGregor
   (caitlinmacgregor):
   Approved for SCCASP
7. 11/18/25 4:10 pm
   Natalie Phelan
   (nataliephelan): Rollback
   to SCCASP for SQAPC
8. 12/08/25 4:08 pm
   Caitlin MacGregor
   (caitlinmacgregor):
   Approved for SCCASP

History

1. Sep 29, 2025 by Natalie Phelan (nataliephelan)
2. Sep 29, 2025 by Natalie Phelan (nataliephelan)

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	TBD-2337
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Institute for Data Science
Degree	
Title	R-GR-ADMREQT-DSAAI All Master's ~~Data Science, Analytics and Artificial Intelligence General Admission All Master's~~

Program Requirements

Accelerated Pathway

The Accelerated Pathway in the DSAAI master's program offers a flexible and individualized plan of graduate study. It is intended for students in the Bachelor of Data Science (B.D.S.) Honours program who have demonstrated academic excellence and aptitude for research.

Students in their third year of the B.D.S. Honours program should consult with both the B.D.S. Undergraduate Advisor and the DSAAI Graduate Director to determine if the Accelerated Pathway is appropriate for them and to confirm course selection for their final year of undergraduate study.

Students who are eligible for the Accelerated Pathway are encouraged to take **DATA 5000** and **DATA 5001**, or up to **1.0 credit** in graduate-level **COMP**, **MATH**, or **STAT** courses listed under DSAAI Approved Electives.

Students who subsequently apply to the DSAAI master's program may receive up to **1.0 credit of advanced standing** for 5000-level courses completed during the B.D.S., provided a grade of **B+ or higher** was earned. This advanced standing reduces the number of required courses in the DSAAI program and may shorten the time to completion.

Requirements for Eligibility for the Accelerated Pathway

1. Third-year standing in the B.D.S. (Honours) program, with completion of required courses at the 3000-level and below.
2. A major GPA of at least **10.0**.

New Resources	No New Resources
Summary	Accelerated pathway to DSAAI master's programs.

Rationale for change	The Accelerated Pathway provides high-achieving undergraduate students with a head start on graduate studies, allowing them to complete their master's degree in a shorter timeframe. By earning advanced standing for select graduate-level courses taken during their undergraduate program, students reduce both the course load and overall duration of the DSAAI master's program. This pathway helps to support a seamless transition to graduate studies.
Transition/Implementation	Update to webpages.
Program reviewer comments	**nataliephelan (11/18/25 11:04 am):** Discussed at SCCASP Nov 18 2025. Removed "substantial" from point 1 as this was a relic from an earlier draft of the language. Students aren't formally admitted to anything when pursuing an accelerated pathway so adjusted the wording to make that more clear - this change will be duplicated across the calendar. **nataliephelan (11/18/25 2:28 pm):** Updated proposal title for easier searchability in Courseleaf. **nataliephelan (11/18/25 4:10 pm):** Rollback: Rollback to SCCASP; proposal was discussed on Nov 18 2025 but further clarification requested from the unit. No vote was taken on that date.

Key: 2337

Course Change Request

New Course Proposal

Date Submitted: 10/07/25 3:47 pm

Viewing: **HCIN 5903 : Graduate Project (M.H.C.I.)**

Last edit: 10/09/25 4:32 pm

[Changes proposed by: katherinewaitschat](#)

Calendar Pages referencing this course	[Human-Computer Interaction](#) [Human-Computer Interaction (HCIN)](#)
Programs referencing this course	[M.H.C.I. Human-Computer Interaction](#)

In Workflow

1. **HCI ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **SCI FBoard**
6. **PRE SCCASP**
7. **SCCASP**
8. **SQAPC**
9. Senate
10. CalEditor
11. Banner

Approval Path

1. 10/09/25 4:32 pm Sonia Chiasson (soniachiasson): Approved for HCI ChairDir GR
2. 10/10/25 10:20 am Jaime Sadgrove (jaimesadgrove): Approved for SCI Dean
3. 10/16/25 3:55 pm Jaime Sadgrove (jaimesadgrove): Approved for SCI GFCC
4. 11/11/25 11:09 am Jaime Sadgrove (jaimesadgrove): Approved for SCI JFBoard
5. 11/11/25 11:58 am Jaime Sadgrove (jaimesadgrove): Approved for SCI FBoard
6. 12/02/25 8:59 am Natalie Phelan (nataliephelan): Approved for PRE SCCASP
7. 12/08/25 3:58 pm Caitlin MacGregor (caitlinmacgregor): Approved for SCCASP

Effective Date	2026-27
Workflow	majormod
New Resources	No New Resources
Level	Graduate
Course Code	HCIN
Course Number	5903
Title	Graduate Project (M.H.C.I.)
Title (short)	Graduate Project (M.H.C.I.)

Faculty	Faculty of Science
Academic Unit	Human-Computer Interaction
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	None
Course Description	A graduate-level project in HCI under the supervision of a faculty member. For non-thesis M.H.C.I students only.
Prerequisite(s)	
Class Format	
Precluded Courses	
Also listed as	
Piggybacked Courses	
U Ottawa Code	

Grade Mode	Standard Letter Grade
Schedule Type	*Research Project
	*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 M.H.C.I Non-thesis graduate project course.

Rationale for new course	The proposed non-thesis M.H.C.I graduate project course provides an alternative to the traditional thesis pathway by allowing students to conduct focused research on a smaller scale, while also offering the flexibility to complete more course-based learning.
Course reviewer comments	

Key: 11389

Preview Bridge

Program Change Request

Date Submitted: 10/09/25 2:26 pm

Viewing: **MHCI-69 : M.H.C.I. Human-Computer Interaction**

Last approved: 05/15/25 1:01 pm

Last edit: 10/09/25 5:08 pm

Last modified by: soniachiasson

Changes proposed by: katherinewaitschat

In Workflow

1. **HCI ChairDir GR**
2. **SCI Dean**
3. **SCI GFCC**
4. **SCI JFBoard**
5. **SCI FBoard**
6. **PRE SCCASP**
7. **SCCASP**
8. **SQAPC**
9. Senate
10. CalEditor

Approval Path

1. 09/24/25 2:54 pm
   Natalie Phelan
   (nataliephelan): Rollback
   to Initiator
2. 10/09/25 5:08 pm
   Sonia Chiasson
   (soniachiasson):
   Approved for HCI
   ChairDir GR
3. 10/10/25 10:20 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI Dean
4. 10/16/25 3:52 pm
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI GFCC
5. 11/11/25 11:08 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI JFBoard
6. 11/11/25 11:58 am
   Jaime Sadgrove
   (jaimesadgrove):
   Approved for SCI FBoard
7. 12/02/25 8:59 am
   Natalie Phelan
   (nataliephelan):
   Approved for PRE
   SCCASP
8. 12/08/25 4:03 pm
   Caitlin MacGregor

(caitlinmacgregor):
Approved for SCCASP

History

1. Sep 17, 2014 by vicki
2. May 5, 2017 by Sandra Bauer (sandrabauer)
3. Jan 4, 2018 by lesliemacdonaldhicks
4. Feb 17, 2021 by emilyhersey
5. Jan 31, 2022 by Sandra Bauer (sandrabauer)
6. Apr 10, 2025 by Katherine Waitschat (katherinewaitschat)
7. May 15, 2025 by Natalie Phelan (nataliephelan)

Calendar Pages Using this Program	Human-Computer Interaction

Effective Date	2026-27
Workflow	majormod ~~minormod~~
Program Code	MHCI-69
Level	Graduate
Faculty	Faculty of Science
Academic Unit	Human-Computer Interaction
Degree	Master of Human-Computer Interaction
Title	M.H.C.I. Human-Computer Interaction

Program Requirements

Master of Human-Computer Interaction ~~(5.0 credits)~~

Requirements - Thesis pathway (5.0 credits)

1. **0.5 credit in:**		0.5
HCIN 5100 [0.5]	Fundamentals of HCI Design and Evaluation	
2. **0.5 credit in:**		0.5
HCIN 5200 [0.5]	Software and User Interface Development	
3. **0.5 credit from** the following, to be selected in consultation with their supervisor		0.5
~~HCIN 5300 [0.5]~~	~~Emerging Interaction Techniques~~	

~~4. 0.5 credit from the following, to be selected with the approval of the supervisor~~ ~~0.5~~

    HCIN 5400 [0.5]   Experimental Methods and Statistics

    HCIN 5403 [0.5]   Research Methods in HCI

    HCIN 5404 [0.5]   Design Research Methods

    HCIN 5407 [0.5]   Empirical Research Methods in HCI

~~5. 0.5 credit from a wide range of available electives with guidance from the student's supervisor and permission from the Director of the MHCI program~~ ~~0.5~~

4. 1.0 credits in approved HCI electives, to be selected in consultation with their supervisor (see HCI website for list of approved electives) **1.0**

5. 2.5 credits in: 2.5

    HCIN 5909 [2.5]   Thesis in Human-Computer Interaction

Total Credits   5.0

Requirements - Non-Thesis pathway (4.0 credits)

1. 0.5 credit in:

HCIN 5100 [0.5]   Fundamentals of HCI Design and Evaluation   0.5

2. 0.5 credit in:

HCIN 5200 [0.5]   Software and User Interface Development   0.5

3. 0.5 credit from the following list. Graduate Project students should select courses in consultation with their supervisor

HCIN 5400 [0.5]   Experimental Methods and Statistics   0.5

HCIN 5403 [0.5]   Research Methods in HCI   0.5

HCIN 5404 [0.5]   Design Research Methods   0.5

HCIN 5407 [0.5]   Empirical Research Methods in HCI   0.5

4. 1.5 credits in approved HCI electives (see HCI website for list of applicable electives). Graduate Project students should select courses in consultation with their supervisor

5. 1.0 credits in

HCIN 5903 [0.0]   Graduate Project (M.H.C.I.)   1.0

OR

1.0 credits in approved HCI electives (see HCI website for list of applicable electives)

New Resources	No New Resources
Summary	1. HCIN 5300 removed as a mandatory course and add a 0.5 credit elective 2. Creation of non-thesis pathway and MHCI Graduate Project course (MCHI 5903).
Rationale for change	1. HCIN 5300 is about emerging technologies in HCI. We propose removing HCIN 5300 as a mandatory course and instead adding an extra 0.5 credit elective. For students taking the standard MHCI thesis pathway, this change makes space for an HCI-relevant elective aligned with the students' interests. 2. Currently, MHCI is includes a thesis and students are only admitted if we have a supervisor available and interested in supervising the student throughout the degree. Given that the program is interdisciplinary, each HCI faculty member also supervises in their home departments. This arrangement limits our capacity to admit students because supervisors may not always be available to take on new students. By adding a non-thesis pathway, we can increase capacity in the program by admitting students into the program with minimal impact on supervisory responsibilities. The proposed changes also enable us to attract and accommodate students interested in an advanced degree but not necessarily interested in research. These changes would offer the possibility of broadening students' expertise by being allowed additional courses rather than a thesis. This option will be particularly attractive for individuals who are currently employed in industry or government who wish to pursue a graduate degree. The project pathway would also serve as an alternative for in-program students who have started research but are unable to complete a full thesis. The current thesis pathway involves 2.5 credit in courses, plus a thesis worth 2.5 credit, for 5.0 credits in total. The total number of credits is consistent with other related

Thesis-based Masters programs, e.g., the Masters of Cognitive Science, Computer Science, Data Science, Engineering (applied science). We want to keep this consistency to convey that the MHCI thesis involves significant work and is comparable to these other programs. However, we propose making the non-thesis pathways worth 4.0 credits in total. Students would take either eight 0.5-credit graduate courses, or six 0.5 graduate courses + a 1.0 credit project. We recognize that the non-thesis pathways will put extra teaching demand on associated departments, given that HCI is interdisciplinary and we don't have a full set of courses to offer of our own. Students would register in related courses with permission from the offering department. Therefore, we were reluctant to increase the number of courses further to match the number of credits to the thesis pathway. We have discussed this proposal with the three core departments from our advisory board (School of Computer Science, School of Information Technology, Cognitive Science).

Transition/Implementation	The grad advisors will work with Grad Systems Support to update MHCI student audits. We will update the website.

Program reviewer comments	**nataliephelan (09/24/25 2:54 pm):** Rollback: Further changes to add!

Key: 1027