

DATE: February 23, 2024

TO: Senate

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

RE: 2024-25 & 2025-26 Calendar Curriculum Proposals  
**Undergraduate and Graduate Major Modifications & Governance change**

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**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 2024-25 & 2025-26 major modifications included below.

**Documentation**

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

**Omnibus Motion**

In order to expedite business with the multiple changes that are subject to Senate approval at this meeting, the following omnibus motion will be moved. Senators may wish to identify any of the following 7 major modifications and 1 governance change 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.

**Major Modifications**

**1. Environmental Studies**

SCCASP approval: January 16, 2024

SQAPC approval: January 25, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the name change of the undergraduate programs in Environmental Studies to Environmental and Climate Change Studies as presented with effect from Fall 2025.

**2. Law and Legal Studies**

SCCASP approval: January 16, 2024

SQAPC approval: January 25, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the introduction of the concentration in Criminal Law and Social Order to the undergraduate programs in Law as presented with effect from Fall 2024.

**3. Bachelor of Media Production and Design**

SCCASP approval: January 16, 2024

SQAPC approval: January 25, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the major modification to the Bachelor of Media Production and Design program and the introduction of MPAD 4906 as presented with effect from Fall 2024.

**4. MA in French**

SCCASP approval: January 16, 2024

SQAPC approval: January 25, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the deletion of the MA programs in French as presented with effect from Fall 2024.

**5. Master of Information Technology**

SCCASP approval: February 6, 2024

SQAPC approval: February 8, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the change to the MIT degrees in Digital Media and Network Technology as presented with effect from Fall 2024.

**6. ENSC 4909 & ISAP 4909**

SCCASP approval: February 6, 2024

SQAPC approval: February 8, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve introduction of ENSC 4909 & ISAP 4909 and the modifications to the associated programs as presented with effect from Fall 2024.

**7. Technology Innovation Management**

SCCASP approval: N/A

SQAPC approval: February 8, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the governance change for the Technology Innovation Management programs from the Faculty of Engineering and Design to the Sprott School of Business as presented with effect from Fall 2024.

**8. Linguistics**

SCCASP approval: February 6, 2024

SQAPC approval: February 8, 2024

**Senate Motion March 1, 2024**

**THAT** Senate approve the deletion of the concentration in Linguistic Theory from the BA Hons program and the BSc Hons Linguistics streams in Psychology, Neuroscience and Computer Science and the change of name to the BSc Hons in Linguistics with a concentration in Psycholinguistics and Communication Difference for the streams in Psychology, Neuroscience and Computer Science as presented with effect from Fall 2025.

# Executive Summary for Major A1 Modifications

## DGES – Proposed Changes to ENST Program for 2024-25

### MEMORANDUM

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

**From:** Scott Mitchell, Chair, Department of Geography and Environmental Studies

**CC:** Anne Bowker, Interim Dean, FASS  
Pascal Gin, Associate Dean (Academic), FASS

**Date:** September 14, 2023

**Subject:** Major Modification to Environmental Studies Program Track A1

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### Justification

Climate change currently poses the greatest existential threat to life on this planet, and virtually every sphere of society will need to confront both mitigation of and adaptation to its now inevitable effects. The situation we collectively face demands urgent action, and Carleton University has committed to further strengthening its role as a leader in addressing environmental and climate change in the *Strategic Integrated Plan 2020-2025*.

The Department of Geography and Environmental Studies (DGES) is positioned to take a strong leadership role in social science and interdisciplinary instruction on climate change at Carleton. We already deliver a strong undergraduate program in Environmental Studies (with significant climate content) and, with the proposed modifications outlined below, will be able to both expand on existing offerings and better communicate what we already offer to students. In doing so, we are responding to faculty and student interest in climate change, to the recommendations of external reviewers in our 2021-22 Cyclical Program Review, and to broader community calls to expand Carleton’s contributions to the climate crisis.

Within Carleton, DGES is unique in that it offers students exposure to both a biophysical understanding of environmental issues such as climate change along with critical social science perspectives. Since their inception in the late-1990s, our BA Environmental Studies (ENST) programs have had a commitment to the study of all environmental concerns including climate change. Climate change content is included in our introductory courses and at every level of instruction in our program, but the word “climate change” does not explicitly feature in most of our course titles and descriptions, or in our program name. The proposed modifications thus aim, in part, to make transparent what we are already doing in our unit. In many ways, “Environmental and Climate Change Studies” is a more accurate description of our current program content than the “Environmental Studies” program name we adopted in the 1990s.

The proposed modifications also expand on existing offerings, by introducing a new course at the 3<sup>rd</sup> year level focused on climate action and making a 2<sup>nd</sup> year course currently offered as an approved elective a mandatory requirement of the degree. Together, we believe these changes respond to student

demand for climate-related content and will build student awareness of what we offer in our BA programs and our unit more generally. We hope they will bolster undergraduate recruitment in DGES and Carleton as a whole and will help prepare students to acquire the knowledge and tools needed for careers as leaders, thinkers, and innovators in various aspects of the field. **In addition, it is anticipated that graduates might be encouraged to pursue graduate qualifications in climate change studies in programs like the Collaborative Specialization in Climate Change (CSCC), in which DGES already has an active involvement.**

By offering an explicitly social science, climate-focused BA program, DGES will be at the cutting edge of climate change instruction in Canada. Currently there are only five other climate change programs at Canadian universities (Trent, UPEI, Waterloo, Western and St. Francis Xavier) and just over twenty programs worldwide. Of the Canadian programs, all are BSc degree programs except for St. Francis Xavier (a BAS). There are no BA climate change programs in Canada and only four programs worldwide (Swinburne U of Tech; Dublin City U; U Maine; & UC San Diego). None of the programs in Canada is specifically social science based.

### **Proposed modifications**

Please note that the proposed changes are for the ENST BA Honours Program. As of present, these changes will not apply to the ENST BA program (15 credits) nor the ENST Minor. Nor will they affect the GEOG BA or BSc programs. Specifically, we propose the following seven modifications:

#### **1) Changing the name of the existing Environmental Studies program to Environmental and Climate Change Studies.**

- Climate change is already part of ENST instruction. This name change reflects our continuing commitment to making climate change a DGES priority and preparing our students to meet the challenges of climate change mitigation and adaptation upon graduation. We believe it is crucial to stress the importance of this focus for prospective students. As noted above, this will also make this one of the few programs in Canada where climate change is a focus in a degree program and the only such BA program.

#### **2) Creating a new third-year Climate Change course**

##### **ENST 3500 *Climate Justice and Action: organizing for a just, equitable and sustainable world***

Exploration of how communities and movements fight the climate crisis and build alternative futures. It combines critical theory with hands-on learning to examine the collective actions and organizing strategies through which social movements tackle the systemic factors shaping climate change and its uneven impacts.

This course will be added to Item #7 Approved Environmental Studies Electives. Once approved, it will also be mapped into the DGES curriculum map under the revised learning outcomes discussed below.

#### **3) Adding ENST 2500 *Climate Change: Social Science Perspectives*, to Item 2 which are required second year ENST courses [already including ENST 2000 *Environmental Justice* and ENST 2001 *Sustainable***

*Futures*] for all students in the program. This increases the required credits in Item 2 to 1.5 from 1.0 (NOTE: To make this change, 0.5 credits will be removed from Item 13 and added to Item 2).

4) **Changing the requirements for Item 13 from 1.0 credits in “Approved Environmental Studies Electives at the 3000 level or above” to 0.5 credits to accommodate the changes to Item 2.**

5) **Changing the title of ENST 1000 *Introduction to Environmental Studies* to ENST 1000 *Introduction to Environmental and Climate Change Studies*.** This will remain our gateway course into the program.

6) **Changing the title of ENST 4000 *Environmental Studies Seminar* to ENST 4000 *Environmental and Climate Change Studies Seminar*.** This will remain our capstone course within the program.

7) **Highlighting those courses that already offer climate change content.** This will require minor modifications to course calendar descriptions to include “climate change” in the wording. Recruiting material will also be changed to include the new modifications. NOTE: the course code designation ENST will not be changed.

### **Impact on Other Programs**

The new ENST modifications will continue to promote collaboration and exchange with other units (such as EACH & CSCC) at Carleton and join vibrant and vital national and international conversations on this topic. We look to work collaboratively with other units, faculties, and initiatives across campus for the greater benefit of not just Carleton but the planet.

- a. The proposed modifications should have no immediate impact on existing programs. Courses in other units that are included as approved electives in our existing ENST program will remain the same.
- b. The proposed modifications should not draw students from other programs. There are no other specific Social Science based climate change programs at Carleton. What is proposed should complement the EACH Minor. It should be noted here that we have consulted with Prof. Barbara Leckie of EACH. There are some courses in other programs that offer climate change content, but these could benefit in terms of increased numbers as many are already listed among our existing ENST approved electives. While not directly affected, CSCC should also benefit in terms of potential graduate students drawn from our program. DGES has an involvement in CSCC through Prof. Jesse Vermaire who has been party to departmental discussions about the new programming.

### **Impact on Learning Outcomes and Curriculum Map**

The learning outcomes in the proposed modified program will not deviate from those that were recently updated for the 2020-21 DGES Cyclical Program Review for the ENST program. However, climate change will be highlighted in the future in the LOs specific to ENST below (for reference, with proposed tweaks highlighted):

LO6 Comprehend the varied ways that humans interact with the natural environment and a range of important environmental and climate change issues, as well as to engage in action-oriented environmentally responsible ways in both the workplace and everyday life.

LO7 Evaluate decisions, actions and approaches aimed at helping to solve environmental and climate change problems.

## Societal Need

Climate change is no longer an issue primarily requiring expertise in the natural sciences (if it ever was). There is an urgent societal need for university graduates who are literate in the basics of climate change science but also deeply understand its historical, political-economic, and social origins, and are equipped to make informed decisions and take leadership roles in mitigating its effects. The ENST program already bolsters a student's formation in environmental and climate change social sciences, qualitative and quantitative methodologies, and experiential, collaborative, and creative pedagogies. Through our program modifications, students will be better equipped to meet the social, political, economic, and cultural challenges posed by environmental stresses and climate change, and to directly contribute to policy, activism, and innovation in this crucial realm. Through our practicum course and Coop opportunities, our students will continue to gain valuable work experience in all levels of governmental departments and agencies, non-governmental organizations, and community groups. Many of these opportunities have led to longer term employment and career paths. Carleton students are well-positioned to take advantage of the opportunities afforded by the preponderance of such organizations in Ottawa.

Our proposed modifications will also better publicize climate-specific DGES offerings that are open to non-majors, particularly GEOG/ENST 2500, which provides important foundational training in the social science aspects of climate change. This kind of training should be available to all university students, and we anticipate growing enrolments in this class.

Many students will naturally want to continue their studies in graduate programs. Graduate programs are available throughout Canada in Climate Change Studies (e.g. Simon Fraser, UBC, Waterloo). Carleton has its own Collaborative Specialization in Climate Change Studies at the master's level (the first of its kind in the country, to which DGES is a contributing unit), and it would be an ideal pathway for students who have taken the new programming.

## Students

A 2022 UNESCO report, entitled "Youth demands for quality climate change education" reveals the growing desire among young people for more climate change pedagogy. The report notes:

*The quality of the current climate change education is in question. Seventy per cent of the youth surveyed say that they cannot explain climate change, or can only explain its broad principles, or do not know anything about it, putting into question the quality of climate change education in our schools today (<https://unesdoc.unesco.org/ark:/48223/pf0000383615>).*

It is further noted that youth demand,

- *Climate change education that helps them to understand, to take better action on climate change and to recognize the human place within nature.*
- *Diverse aspects of climate change taught across subjects in an interdisciplinary manner to address complexity and interlinkages.*
- *Learner-centred, experiential and reflective ways of learning making climate change education more fun, solutions-based and action-oriented*  
*(<https://unesdoc.unesco.org/ark:/48223/pf0000383615>)*

In recent years, DGES students have also increasingly demanded more climate-focused teaching, but not just teaching directed towards the hard science and/or gloom-and-doom scenarios. Instead, students have demanded more pedagogy and experiential learning geared towards action, activism, adaptation, and solutions that deal innovatively with deleterious social impacts. Students who gravitate

towards our current ENST programs already have a passion for environmental issues. They are engaged and motivated to become involved and make a difference in all manner of environmental concerns. Climate change is the most pressing of these concerns, though, of course, it intersects with (and exacerbates) other environmental challenges of our times (notably, biodiversity loss; contamination of air, water, soil; habitat loss; among others).

As with the general student body at Carleton, ENST students have been involved in the Carleton Climate Commons, student environmental and climate action initiatives (from community gardens to campaigns against single-use plastics) initiated by CUSA and others, to OPIRG, and the Garden Spot. Most recently, the founding of the student-created and led Climate Action Carleton in September 2019 generated widespread interest in the university's role in addressing climate change. That same year, on the 27<sup>th</sup> of September, Carleton students took part in the Climate Strike, a youth-led initiative that clearly demonstrated student demands for greater attention to be paid to climate change from all institutions. The new modifications within our ENST programs are intended to speak to this demand.

### **Business Plan: Resources**

#### *Faculty resources:*

- The majority of our existing DGES faculty have climate change expertise to some degree, most notably, Ballamingie, Cameron, Hébert, Hugill, Karunanathan, Mendez, Milton, Simpson, Steckley, Wigle and Williams on the social science side, and Burn, Hamdan, Humphreys, Millard, Mitchell, Mueller, Richardson, and Vermaire in biophysical science. We are also currently recruiting a CRC in Climate Change Science.
- As a result, existing faculty members can teach (and have been teaching) both the core courses and the specialized courses at all levels. Anticipated increases in student enrollment, however, make it important that we maintain our current faculty strength going forward. Notably, planning will be required to ensure we maintain teaching capacity in climate change with upcoming retirements within the next five to eight years of Burn, Milton, and Williams.

#### *Contract instructors:*

- We do not anticipate requiring additional contract instructor hires for our program.
- ENST 2500 (*Climate Change: Social Science Perspectives*) has been taught by a CI for the past several years because of existing qualified postdocs and doctoral students, but there are several faculty in our unit qualified to take it on.

#### *Administrative support:*

- We do not anticipate requiring additional administrative support to launch our revised programming.

#### *Library resources:*

- Annual requests for resources to be acquired will likely focus more on climate change, but our existing allocated budget should prove sufficient.

#### *Space:*

- No extra space is required.

#### *Equipment:*

- No additional equipment will be necessary.



*Graduate student funding:*

- N/A

*Governance*

- Program governance will remain the same.

Date Submitted: 08/29/23 11:56 am

Viewing: **HBA-09 : Environmental and Climate  
Change Studies B.A. Honours**

Last approved: 04/06/23 3:03 pm

Last edit: 09/27/23 1:35 pm

Last modified by: nataliephelan

[Changes proposed by: scottmitchell](#)

## In Workflow

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

## Approval Path

1. 08/29/23 10:42 am  
Natalie Phelan  
(nataliephelan): Rollback  
to Initiator
2. 09/05/23 8:51 am  
Natalie Phelan  
(nataliephelan):  
Approved for CalEditor
3. 09/13/23 2:13 pm  
Scott Mitchell  
(scottmitchell): Approved  
for GEOG ChairDir UG
4. 09/15/23 5:56 pm  
Pascal Gin (pascalgin):  
Approved for AS Dean
5. 10/03/23 8:58 am  
Sarah Mohammed  
(sarahmohammed):  
Approved for AS FCC
6. 11/01/23 4:52 pm  
Pascal Gin (pascalgin):  
Approved for AS FBoard

## History

1. Apr 23, 2014 by sandra
2. Mar 8, 2017 by Patricia  
Ballamingie  
(patriciaballamingie)
3. Jan 24, 2018 by  
johnmilton
4. Apr 26, 2021 by Scott  
Mitchell (scottmitchell)

Calendar Pages Using this Program [Environmental Studies](#)

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Effective Date	2025-26
Workflow	<a href="#">majormod</a> <del>minormod</del>
Program Code	HBA-09
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of Geography and Environmental Studies
Degree	Bachelor of Arts Honours
Title	Environmental <a href="#">and Climate Change</a> Studies B.A. Honours

## Program Requirements

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### Environmental [and Climate Change](#) Studies B.A. Honours (20.0 credits)

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

<b>1. 1.0 credit in:</b>		1.0
<a href="#">ENST 1000</a> [0.5]	Introduction to Environmental and Climate Change Studies	
or <a href="#">ENST 1020</a> [0.5]	People, Places and Environments	
<a href="#">GEOG 1010</a> [0.5]	Global Environmental Systems	
<del><b>2. 1.0 credit in:</b></del>		<del>1.0</del>
<b><u>2. 1.5 credit in:</u></b>		<b><u>1.5</u></b>
<a href="#">ENST 2000</a> [0.5]	Environmental Justice	
<a href="#">ENST 2001</a> [0.5]	Sustainable Futures: Environmental Challenges and Solutions	
<a href="#">ENST 2500</a> [0.5]	<a href="#">Climate Change: Social Science Perspectives</a>	
<b>3. 0.5 credit from:</b>		0.5
<a href="#">GEOG 2013</a> [0.5]	Weather and Water	
<a href="#">GEOG 2014</a> [0.5]	The Earth's Surface	
<a href="#">GEOG 2020</a> [0.5]	Ecosystems of Canada	
<b>4. 1.0 credit in:</b>		1.0
<a href="#">ENST 2005</a> [0.5]	Introduction to Qualitative Research	
<a href="#">ENST 2006</a> [0.5]	Introduction to Quantitative Research	
<b>5. 1.0 credit in:</b>		1.0
<a href="#">ENST 3000</a> [0.5]	Nature, Environment and Society	
<a href="#">ENST 3022</a> [0.5]	Environmental and Natural Resources	
<b>6. 0.5 credit from:</b>		0.5

<a href="#">INDG 2015</a> [0.5]	Indigenous Relationalities, Kinships, and Knowledges	
<a href="#">PHIL 2380</a> [0.5]	Introduction to Environmental Ethics	
<b>7. 1.0 credit from:</b>		<b>1.0</b>
<a href="#">ECON 3804</a> [0.5]	Environmental Economics	
<a href="#">GEOG 3206</a> [0.5]	Health, Environment, and Society	
<a href="#">GEOG 3209</a> [0.5]	Sustainability and Environment in the South	
<a href="#">GEOG 3501</a> [0.5]	Geographies of the Canadian North	
<a href="#">HRSJ 3503</a> [0.5]	Global Environmental Justice	
<a href="#">LAWS 3800</a> [0.5]	Law of Environmental Quality	
<a href="#">PHIL 3380</a> [0.5]	Environments, Technology and Values	
<a href="#">PSCI 3801</a> [0.5]	Environmental Politics	
<a href="#">TSES 3002</a> [0.5]	Energy and Sustainability	
<b>8. 0.5 credit from:</b>		<b>0.5</b>
<a href="#">ENST 3900</a> [0.5]	Honours Field Course	
<a href="#">GEOG 3030</a> [0.5]	Regional Field Excursion	
<b>9. 0.5 credit in:</b>		<b>0.5</b>
<a href="#">ENST 4000</a> [0.5]	Environmental and Climate Change Studies Seminar	
<b>10. 0.5 credit from:</b>		<b>0.5</b>
<a href="#">ENST 4006</a> [0.5]	Environmental Policy Analysis	
<a href="#">GEOG 4022</a> [0.5]	Seminar in People, Resources and Environmental Change	
<a href="#">GEOG 4023</a> [0.5]	Seminar in Special Topics on the City	
<a href="#">GEOG 4004</a> [0.5]	Environmental Impact Assessment	
<a href="#">ENST 4050</a> [0.5]	Environmental and Geographic Education	
<b>11. 1.0 credit in:</b>		<b>1.0</b>
a) Thesis pathway		
1.0 credit from:		
<a href="#">ENST 4906</a> [1.0]	Honours Research Project	
<a href="#">ENST 4907</a> [1.0]	Honours Research Essay	
or		
b) Course pathway		
1.0 credit in Approved Environmental Studies Electives at the 4000 level		
<b>12. 0.5 credit in:</b>		<b>0.5</b>
a) Co-op students must complete:		
Approved Environmental Studies electives at 4000 level, excluding <a href="#">ENST 4001</a> and <a href="#">ENST 4002</a>		
b) All other students must complete one of:		
<a href="#">ENST 4001</a> [0.5]	Environmental Studies Practicum I	
<a href="#">ENST 4002</a> [0.5]	Environmental Studies Practicum II	
<del><b>13. 1.0 credit in Approved Environmental Studies Electives at the 3000 level or above</b></del>		<del><b>1.0</b></del>
<b><u>13. 0.5 credit in Approved Environmental Studies Electives at the 3000 level or above</u></b>		<b><u>0.5</u></b>
<b>14. 1.0 credit in Approved Environmental Studies Electives</b>		<b>1.0</b>
B. Credits Not Included in the Major CGPA (9.0 credits)		
<b>15. 9.0 credits in free electives</b>		<b>9.0</b>
Total Credits		<b>20.0</b>

**Note:** It may be necessary to use some of the free elective credits to fulfill prerequisite requirements for courses in the Major.

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New Resources	No New Resources
Summary	Renaming program to better reflect the fact that the existing curriculum has a very high emphasis on climate change.
Rationale for change	Better communicate that this is an excellent program for students interested in social science studies of climate change. Include ENST 2500 climate change course in requirements.
Transition/Implementation	Existing students should not notice any impact. Recruiting materials are being updated. Reduction in electives required from approved list >= 3000 not expected to be significant, since so many of our students are already taking ENST 2500.

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Program reviewer comments

**nataliephelan (08/29/23 10:42 am):** Rollback: As requested!

**scottmitchell (09/13/23 2:13 pm):** Executive summary being submitted by email from Paul Williams.

**nataliephelan (09/27/23 1:35 pm):** At the guidance of R. Green and J. Sugar, changed eff. date to 25-26.

Key: 731

Associated Minors

Course Code	Course Name	Action
ENST 3500	Climate Justice and Action: Organizing for a Just, Equitable and Sustainable World	Added



**Carleton**  
University

MacOdrum  
Library

## Institutional Quality Assurance Process

### Major Modifications Not Requiring a Library Report

*Date:* November 17, 2023

*From:* Alana Skwarok, Collections Librarian, Collections & Assessment

*To:* Robyn Green, Program Officer, Office of the Vice-Provost

*cc* Amber Lannon, University Librarian  
Sarah Simpkin, Associate University Librarian, Academic Services  
Laura Newton Miller, Head, Collections & Assessment  
Sally Sax, Head, Electronic Resources & Acquisitions  
Joel Rivard, Head, Research Support Services

#### Recommendation

After review of Carleton University Library's information resources and services, no additional Library resources are required and so no report from the Library is necessary for the QA process for the major modification of the following programs:

- Major Modification A1: Change of Program Name-BA programs in Environmental Studies

This is a formal notification for your records.

## MEMORANDUM

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

**From:** Stephen Tasson (Undergraduate Supervisor), Zeina Bou-Zeid (Chair), Law and Legal Studies

**CC:** Brenda O’Neill, Vandna Bhatia, ODFPA

**Date:** Oct 5, 2023

**Subject:** Proposal for New BA Concentration (**Criminal Law, Criminalization and Social Order**) (Major Mod Track A2)

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### **Modification Description**

The Law and Legal Studies department proposes to establish a new Concentration in **Criminal Law, Criminalization and Social Order**. The department currently offers three concentrations available to those enrolled in the BA Honours Law program and the BA Combined Honours program:

- (i) Business Law
- (ii) Law, Policy and Government
- (iii) Transnational Law and Human Rights

Concentrations are a very popular option within the Honours program with over **44%** of all BA Honours Law students electing to register in one of the existing concentrations.

This additional proposed concentration would address high student demand from existing and prospective students for a concentration focusing on the area of criminal law. We expect this new concentration to result in new enrollments and improved retention. A Concentration in Criminal Law, Criminalization and Social Order would showcase the existing depth of our faculty’s research and expertise in this area, and a core area of teaching strength within the department.

We believe this concentration will attract students interested in exploring a wide range of future graduate and professional studies, as well as career opportunities that comprise, support, and challenge the broad field of criminal law and the criminal justice system in Canada.

### ***Law B.A. Honours with Concentration in **Criminal Law, Criminalization and Social Order*****

Consistent with other concentrations in the Department of Law and Legal Studies, the proposed concentration is comprised of 5 credits. Students complete 1.0 mandatory 2000-level credits and 1.5 mandatory credits in 3000-level and 4000-level courses. These “core” credits provide a foundation for the field and focus attention on dominant issues and debates whilst still providing a measure of flexibility and student choice. Students complete the remainder of their 2.5 credits from a list of approved courses at the 3000 and 4000-levels. 4000-level options include tutorials and research options through an Honours Research Paper.



As with other concentrations in the department, students must maintain a minimum CGPA of 6.50 over courses fulfilling the concentration to continue in their concentration.

### **Program requirements**

#### *1.0 credit in*

LAWS 2301 [0.5 credit] Criminal Justice System

LAWS 2302 [0.5 credit] Criminal Law

#### *1.5 credits in*

LAWS 3306 [0.5 credit] Crime, Law, Process and Politics

LAWS 3305[0.5 credit] (Crime and State in History)

OR LAWS 3308 [0.5 credit] (Punishment)

LAWS 4305 (Criminal Justice Reform)

OR LAWS 4308 (Sentencing)

OR LAWS 4504 (Indigenous Criminal Justice)

#### *1.5 credits from*

LAWS 3209 [0.5 credit] Canadian Correctional Policies in Historical Perspective

LAWS 3305 [0.5 credit] Crime and State in History (if not used above)

LAWS 3306 [0.5 credit] Crime, Law, Process and Politics (if not used above)

LAWS 3307 [0.5 credit] Youth and Criminal Law

LAWS 3308 [0.5 credit] Punishment (if not used above)

LAWS 330X [0.5 credit] Public and Private Policing

LAWS 330X [0.5 credit] Race and Law

#### *1.0 credit from*

LAWS 4106 [0.5 credit] Law and Violence

LAWS 4302 [0.5 credit] Regulation of Corporate Crime

LAWS 4303 [0.5 credit] Drugs, The User and The State

LAWS 4304 [0.5 credit] Policing and Social Surveillance

LAWS 4305 [0.5 credit] Criminal Justice Reform (if not used above)

LAWS 4306 [0.5 credit] Criminal Law Issues

LAWS 4307 [0.5 credit] Medical Criminal Law Issues

LAWS 4308 [0.5 credit] Sentencing (if not used above)

LAWS 4309 [0.5 credit] State Security and Dissent

LAWS 4311 [0.5 credit] Human Rights in Canadian Prisons

LAWS 4504 [0.5 credit] Indigenous Criminal Justice (if not used above)

LAWS 4702 [0.5 credit] Special Topic in Criminal Justice and Social Policy

LAWS 4802 [0.5 credit] Criminal Jury Trials

LAWS 4901 [0.5] Tutorial in Law

LAWS 4902 [0.5] Tutorial in Law

LAWS 4908 [1.0] Honours Paper

### **Impact on Other Programs**

The addition of a new concentration within the BA Law program would be unlikely to have a significant impact on other programs within the Faculty. The proposed concentration does not require students to complete courses offered by other departments or draw on any other resources outside of the Department of Law and Legal Studies.

The concentration *may* attract a small number of students that might otherwise enroll in the BA CCJ. Presently CCJ students can complete their degree with a concentration in Law. The proposed concentration in **Criminal Law, Criminalization and Social Order** may attract some “BA Honours CCJ with a Concentration in Law” students who wish to prioritize the study of law as the primary focus of their degree, whilst still concentrating their studies in the area of criminal law and criminal justice. However, there may be an equal number of students drawn away from Law and Legal Studies to the new non-concentration pathway in the BA Honours CCJ.

### **Societal Need**

The department offers an interdisciplinary approach to the study of law and to the issues, institutions and personnel that broadly define, support, and enact the criminal justice system in Canada. A core advantage of the department’s approach in this part of our program is that we provide students both with a firm understanding of foundational legal tools, terminology, and institutional frameworks, while crucially also providing students with a wide range of important critical resources to reflexively evaluate and challenge these same tools, terminology and frameworks.

Students that complete the BA Honours Law with the proposed concentration will be exceptionally well-positioned to pursue graduate or professional qualifications (e.g. law school), as well as a range of diverse career paths including law enforcement, governmental policy work in the area of criminal law, correction services, non-profit and community-based organization groups operating within the field of the criminal justice, victim advocacy, restorative justice, court supports, etc.

In recent years the acute failures of the criminal justice system – especially in its encounters with Indigenous, and other marginalized or racialized individuals and communities – have become more widely acknowledged and condemned. Calls to reform core aspects and operations within criminal law and the criminal justice system are heard more loudly and frequently. Graduates with this concentration are well positioned to be important players in these new reform initiatives.

### **Student Demand**

The absence of a “criminal law concentration” is regularly highlighted by existing students in advising appointments with departmental advisors and is frequently identified as a “gap” in the department’s concentrations by prospective students at recruiting events.

Presently, **27%** of all second-year BA Honours Law students elect to take both core 2000-level credits that will comprise the proposed concentration (LAWS 2301 - Criminal Justice System and LAWS 2302 - Criminal Law) and the 3000- and 4000-level credits that will be included are some of the department’s most consistently full course offerings.

Just over **30%** of the topics of Honours Research Papers undertaken in the department over the last 5 years reflect a focus on some aspect of criminal law and criminal justice issues. **40%** of all Service Placements undertaken in this period reflect this focus, as well.

Expanding concentration options in the BA Honours Law, and specifically offering a concentration focused on criminal law, also distinguishes Carleton from other universities offering similar “legal studies” or “law and society” programs in Ontario and across Canada. Competing BA Honours programs in “legal studies” or “law and society”, such as those offered by the Universities of Waterloo, Laurier, McMaster, and York, do not offer formal specializations or concentration options within their undergraduate programs. Only Laurentian University and the Ontario Tech University (OTU) offer “specializations”, with Laurentian offering a narrower BA in Criminal Justice (alongside their BA in Law and Justice) and OTU offering a BA Legal Studies with specializations in Human Rights, Alternative Dispute Resolution, and Information Law. The addition of this proposed concentration to the BA Honours Law will be a major competitive advantage to attract prospective students to Carleton. The new concentration will also allow our program to more effectively compete against Criminology programs that have positioned themselves as also engaging in “legal studies”, such as the Department of Criminology and Socio-Legal Studies at the University of Toronto.

### **Resources**

As the proposed concentration effectively draws on existing departmental strengths, no new resources are required to support this proposal. The new concentration is well-supported by existing administrative resources, comprehensive course offerings, and the research and teaching focus of a significant number of the department’s junior and senior faculty.

The proposed structure of the concentration and the fact that the concentration effectively “packages” regularly offered and well-subscribed courses, means that the department retains a high degree of flexibility in determining yearly course offering to support the concentration.

A significant portion of BA Honours Law students already elect to pursue one of the department’s existing concentrations, administrative staff are well acquainted with these structures and able to meet any new administrative or advising demands from students seeking to enroll or navigate the new concentration.

The proposal will have no new library, equipment, space, or graduate student funding implications.

# New Program Proposal

Date Submitted: 07/24/23 8:54 am

Viewing: **TBD-2222 : Law with  
Concentration in Criminal Law and  
Social Order B.A. Honours**

Last edit: 10/10/23 9:23 am

Last modified by: sarahcleary

[Changes proposed by: sarahcleary](#)

## In Workflow

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

## Approval Path

1. 06/22/23 10:04 am  
Zeina Bou-Zeid  
(zeinabouzeid):  
Approved for LAWS  
ChairDir UG
2. 07/24/23 8:43 am  
Natalie Phelan  
(nataliephelan):  
Rollback to Initiator
3. 07/24/23 8:57 am  
Natalie Phelan  
(nataliephelan):  
Approved for CalEditor
4. 07/28/23 2:27 pm  
Zeina Bou-Zeid  
(zeinabouzeid):  
Approved for LAWS  
ChairDir UG
5. 09/12/23 2:53 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA Dean
6. 10/05/23 1:25 pm  
Vandna Bhatia  
(vandnabhatia):  
Rollback to LAWS  
ChairDir UG for PA  
FCC
7. 10/10/23 2:29 pm  
Zeina Bou-Zeid  
(zeinabouzeid):  
Approved for LAWS  
ChairDir UG
8. 10/10/23 2:46 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA Dean

- 9. 10/16/23 1:34 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA FCC
- 10. 11/28/23 11:20 am  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA  
FBoard
- 11. 01/11/24 11:13 am  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP
- 12. 01/16/24 11:41 am  
Erika Strathearn  
(erikastrathearn):  
Approved for SCCASP

Effective Date	2024-25
Workflow	majormod
Program Code	TBD-2222
Level	Undergraduate
Faculty	Faculty of Public Affairs
Academic Unit	Department of Law and Legal Studies
Degree	
Title	Law with Concentration in Criminal Law and Social Order B.A. Honours

## Program Requirements

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### Law with Concentration in Criminal Law and Social Order B.A. Honours (20.0 credits)

Continuation in this concentration requires a minimum CGPA of 6.50 over credits in the concentration. The courses defining the Concentration in Law and Social Order are those in **Items 2, 7, 8, 9** below.

#### A. Credits Included in the Major CGPA (9.5 credits)

<b>1. 1.0 credit in:</b>		1.0
<a href="#">LAWS 1001</a> [0.5]	Introduction to Legal Studies 1	
<a href="#">LAWS 1002</a> [0.5]	Introduction to Legal Studies 2	
<b>2. 1.0 credit in:</b>		1.0
<a href="#">LAWS 2301</a> [0.5]	Criminal Justice System	
<a href="#">LAWS 2302</a> [0.5]	Criminal Law	
<b>3. 0.5 credits from:</b>		0.5
<a href="#">LAWS 2201</a> [0.5]	Persons and Property	
<a href="#">LAWS 2202</a> [0.5]	Obligations	

<b>4. 0.5 credit from:</b>		0.5
<u>LAWS 2501</u> [0.5]	Law, State and Constitution	
<u>LAWS 2502</u> [0.5]	Law, State and Citizen	
<b>5. 0.5 credit from:</b>		0.5
<u>LAWS 2105</u> [0.5]	Social Justice and Human Rights	
<u>LAWS 2601</u> [0.5]	Public International Law	
	(or 0.5 credit from Items 3-4 not already used to fulfil those items)	
<b>6. 1.0 credit in:</b>		1.0
<u>LAWS 2908</u> [0.5]	Methodological Approaches in Legal Studies 1	
<u>LAWS 3908</u> [0.5]	Methodological Approaches in Legal Studies 2	
<b>7. 1.5 credits from:</b>		1.5
<u>LAWS 3306</u> [0.5]	Crime, Law, Process and Politics	
<u>LAWS 3305</u> [0.5]	Crime and State in History	
or <u>LAWS 3308</u> [0.5]	Punishment and the Law	
<u>LAWS 4305</u> [0.5]	Criminal Justice Reform	
or <u>LAWS 4308</u> [0.5]	Sentencing	
or <u>LAWS 4504</u> [0.5]	Indigenous Criminal Justice	
<b>8. 1.5 credits from:</b>		1.5
<u>LAWS 3209</u> [0.5]	Canadian Correctional Policies in Historical Perspective	
<u>LAWS 3305</u> [0.5]	Crime and State in History (if not used above)	
<u>LAWS 3307</u> [0.5]	Youth and Criminal Law	
<u>LAWS 3308</u> [0.5]	Punishment and the Law (if not used above)	
<u>LAWS 3309</u> [0.0]	Public and Private Policing	
<u>LAWS 3310</u> [0.0]	Race and Law	
<b>9. 1.0 credits from:</b>		1.0
<u>LAWS 4106</u> [0.5]	Law and Violence	
<u>LAWS 4302</u> [0.5]	Regulation of Corporate Crime	
<u>LAWS 4303</u> [0.5]	Drugs, The User and The State	
<u>LAWS 4304</u> [0.5]	Policing and Social Surveillance	
<u>LAWS 4305</u> [0.5]	Criminal Justice Reform (if not used above)	
<u>LAWS 4306</u> [0.5]	Selected Topics in Criminal Law Issues	
<u>LAWS 4307</u> [0.5]	Medical Criminal Law Issues	
<u>LAWS 4308</u> [0.5]	Sentencing (if not used above)	
<u>LAWS 4309</u> [0.5]	State Security and Dissent	
<u>LAWS 4311</u> [0.5]	Human Rights in Canadian Prisons	
<u>LAWS 4504</u> [0.5]	Indigenous Criminal Justice (if not used above)	
<u>LAWS 4702</u> [0.5]	Special Topic in Criminal Justice and Social Policy	
<u>LAWS 4802</u> [0.5]	Criminal Jury Trials	
<u>LAWS 4901</u> [0.5]	Tutorial in Law	
<u>LAWS 4902</u> [0.5]	Tutorial in Law	
<u>LAWS 4908</u> [1.0]	Honours Paper	
<b>10. 0.5 credit in LAWS at the 3000-level or above</b>		0.5
<b>11. 0.5 credit in LAWS at the 4000-level or above</b>		0.5
B. Credits Not Included in the Major CGPA (10.5 credits)		
<b>12. 8.0 credits in</b> electives not in LAWS		8.0
<b>13. 2.5 credits in</b> free electives		2.5
Total Credits		20.0

**Notes:**

1. Students who count [LAWS 4901](#), [LAWS 4902](#) or [LAWS 4908](#) [1.0] toward the requirements of Item 9 above must complete an approved topic related to the theme of the Concentration.
2. Students completing the B.A. (Honours) in Law with a Concentration in Criminal Law and Social Order are encouraged, but not required, to consider completing a Minor in another discipline (e.g. Political Science) to broaden their exposure to that discipline.
3. The Concentration in Criminal Law and Social Order is not available to students in the Law B.A. program.

## New Resources

No New Resources

## Summary

Establishing a new concentration in Criminal Law and Social Order.

## Rationale

A Concentration in Criminal Law and Social Order would address existing and prospective student demand for a program concentration and showcase the existing depth of the department's research and teaching expertise in this area. Concentrations are a very popular option within the Honours program (i.e. over 44% of all BA Honours Law students elect to register in one of the existing concentrations). Presently, 27% of all second-year BA Honours Law students elect to take both core 2000-level credits that will comprise the proposed concentration (LAWS 2301 - Criminal Justice System and LAWS 2302 - Criminal Law) and the 3000- and 4000-level credits that will be included are some of the department's most consistently full course offerings. The absence of a "criminal law concentration" is regularly highlighted by existing students in advising appointments with departmental advisors and also frequently identified as a "gap" in the department's concentrations by prospective students at recruiting events. We anticipate the addition of this concentration will address this demand, improve retention within the program and greatly assist in recruiting new students. Expanding the concentration options in the BA Honours Law distinguishes Carleton from other universities offering similar "legal studies" or "law and society" programs in Ontario and across Canada. Competing BA Honours programs in "legal studies" or "law and society", such as those offered by the Universities of Waterloo, Laurier, McMaster, and York, do not offer formal specializations or concentration options within their undergraduate programs. The addition of this proposed concentration to the BA Honours Law will be a major competitive advantage to attract prospective students to Carleton. The new concentration will also allow our program to more effectively compete against Criminology programs that have positioned themselves as also engaging in "legal studies", such as the Department of Criminology and Socio-Legal Studies at the University of Toronto. The concentration may attract a small number of students that might otherwise enroll in the BA CCJ. Presently CCJ students can complete their degree with a concentration in Law. The proposed concentration in Criminal Law and Social Order may attract some BA Honours CCJ with a Concentration in Law students who wish to prioritize the study of law as the primary focus of their degree, whilst still concentrating their studies in the area of criminal law and criminal justice. Because this concentration recognizes and promote existing core strengths within the department, no new departmental resources are required.

## Transition/Implementation

An advising and communications plan will take place to communicate this new option to current and prospective students.

## Program reviewer comments

**nataliephelan (07/24/23 8:43 am):** Rollback: For correction, as requested.  
**vandnabhatia (10/05/23 1:22 pm):** The concentration name was changed to remove 'criminalization' from the title, as per email from S. Tasson (LAWS) on October 5, 2023.  
**vandnabhatia (10/05/23 1:25 pm):** Rollback: Please resubmit with new name in the proposal title.  
**sarahcleary (10/10/23 9:23 am):** Updated the title to be Criminal Law and Social Order as per rollback from V. Bhatia.

Key: 2222

# New Program Proposal

Date Submitted: 07/20/23 7:47 am

Viewing: **TBD-2224 : Law with  
Concentration in Criminal Law and  
Social Order B.A. Combined Honours**

Last edit: 10/10/23 9:21 am

Last modified by: sarahcleary

[Changes proposed by: sarahcleary](#)

## In Workflow

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

## Approval Path

1. 07/20/23 2:37 pm  
Natalie Phelan  
(nataliephelan):  
Approved for CalEditor
2. 07/28/23 2:27 pm  
Zeina Bou-Zeid  
(zeinabouzeid):  
Approved for LAWS  
ChairDir UG
3. 09/12/23 2:53 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA Dean
4. 10/05/23 1:26 pm  
Vandna Bhatia  
(vandnabhatia):  
Rollback to LAWS  
ChairDir UG for PA  
FCC
5. 10/10/23 2:29 pm  
Zeina Bou-Zeid  
(zeinabouzeid):  
Approved for LAWS  
ChairDir UG
6. 10/10/23 2:45 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA Dean
7. 10/16/23 1:34 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA FCC
8. 11/28/23 11:20 am  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA  
FBoard



9. 01/11/24 11:13 am  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP
10. 01/16/24 11:41 am  
Erika Strathearn  
(erikastrathearn):  
Approved for SCCASP

Effective Date	2024-25
Workflow	majormod
Program Code	TBD-2224
Level	Undergraduate
Faculty	Faculty of Public Affairs
Academic Unit	Department of Law and Legal Studies
Degree	
Title	Law with Concentration in Criminal Law and Social Order B.A. Combined Honours

## Program Requirements

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### Law with Concentration in Criminal Law and Social Order B.A. Combined Honours (20.0 credits)

Continuation in this concentration requires a minimum CGPA of 6.50 over credits in the concentration. The courses defining the Concentration in Law and Social Order are those in **Items 2, 7, 8** below.

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

- |   |                                 |     |
|---|---------------------------------|-----|
| <b>1. 1.0 credit in:</b>  |                                 | 1.0 |
| <a href="#">LAWS 1001</a> [0.5]                                       | Introduction to Legal Studies 1 |     |
| <a href="#">LAWS 1002</a> [0.5]                                       | Introduction to Legal Studies 2 |     |
| <b>2. 1.0 credit in:</b>  |                                 | 1.0 |
| <a href="#">LAWS 2301</a> [0.5]                                       | Criminal Justice System         |     |
| <a href="#">LAWS 2302</a> [0.5]                                       | Criminal Law                    |     |
| <b>3. 0.5 credits from:</b>   |                                 | 0.5 |
| <a href="#">LAWS 2201</a> [0.5]                                       | Persons and Property            |     |
| <a href="#">LAWS 2202</a> [0.5]                                       | Obligations                     |     |
| <b>4. 0.5 credit from:</b>  |                                 | 0.5 |
| <a href="#">LAWS 2501</a> [0.5]                                       | Law, State and Constitution     |     |
| <a href="#">LAWS 2502</a> [0.5]                                       | Law, State and Citizen          |     |
| <b>5. 0.5 credit from:</b>  |                                 | 0.5 |
| <a href="#">LAWS 2105</a> [0.5]                                       | Social Justice and Human Rights |     |
| <a href="#">LAWS 2601</a> [0.5]                                       | Public International Law        |     |
| (or 0.5 credit from Items 3-4 not already used to fulfil those items) |                                 |     |

<b>6. 1.0 credit in:</b>		1.0
<a href="#">LAWS 2908</a> [0.5]	Methodological Approaches in Legal Studies 1	
<a href="#">LAWS 3908</a> [0.5]	Methodological Approaches in Legal Studies 2	
<b>7. 1.5 credits from:</b>		1.5
<a href="#">LAWS 3306</a> [0.5]	Crime, Law, Process and Politics	
<a href="#">LAWS 3305</a> [0.5]	Crime and State in History	
or <a href="#">LAWS 3308</a> [0.5]	Punishment and the Law	
<a href="#">LAWS 4305</a> [0.5]	Criminal Justice Reform	
or <a href="#">LAWS 4308</a> [0.5]	Sentencing	
or <a href="#">LAWS 4504</a> [0.5]	Indigenous Criminal Justice	
<b>8. 1.5 credits from:</b>		1.5
<a href="#">LAWS 4106</a> [0.5]	Law and Violence	
<a href="#">LAWS 4302</a> [0.5]	Regulation of Corporate Crime	
<a href="#">LAWS 4303</a> [0.5]	Drugs, The User and The State	
<a href="#">LAWS 4304</a> [0.5]	Policing and Social Surveillance	
<a href="#">LAWS 4305</a> [0.5]	Criminal Justice Reform (if not used above)	
<a href="#">LAWS 4306</a> [0.5]	Selected Topics in Criminal Law Issues	
<a href="#">LAWS 4307</a> [0.5]	Medical Criminal Law Issues	
<a href="#">LAWS 4308</a> [0.5]	Sentencing	
<a href="#">LAWS 4309</a> [0.5]	State Security and Dissent	
<a href="#">LAWS 4311</a> [0.5]	Human Rights in Canadian Prisons	
<a href="#">LAWS 4504</a> [0.5]	Indigenous Criminal Justice	
<a href="#">LAWS 4702</a> [0.5]	Special Topic in Criminal Justice and Social Policy	
<a href="#">LAWS 4802</a> [0.5]	Criminal Jury Trials	
<a href="#">LAWS 4901</a> [0.5]	Tutorial in Law	
<a href="#">LAWS 4902</a> [0.5]	Tutorial in Law	
<a href="#">LAWS 4908</a> [1.0]	Honours Paper	
<b>9. 0.5 credit in LAWS at the 3000-level or above</b>		0.5
B. Additional Requirements (12.0 credits)		12.0
10. The requirements for the other discipline must be satisfied		
11. Sufficient free electives to make up 20.0 credits total for the program		
<b>Total Credits</b>		<b>20.0</b>

**Notes:**

1. Students who count [LAWS 4901](#), [LAWS 4902](#) or [LAWS 4908](#) [1.0] toward the requirements of Item 8 above must complete an approved topic related to the theme of the Concentration.
2. Where the Combined Honours is with the School of Journalism and Communication, the degree awarded will be the Bachelor of Journalism with Law with a Concentration in Criminal Law and Social Order. Students are directed to the regulations of the [Bachelor of Journalism](#) in this Calendar.

<b>New Resources</b>	No New Resources
<b>Summary</b>	Establishing a new combined honours concentration in Criminal Law and Social Order.
<b>Rationale</b>	A Concentration in Criminal Law and Social Order would address existing and prospective student demand for a program concentration and showcase the existing depth of the department's research and teaching expertise in this area. Concentrations are a very popular option within the Honours program (i.e. over 44% of all BA Honours Law students elect to register in one of the existing concentrations). Presently, 27% of all second-year BA Honours Law students elect to take both core 2000-level credits that will comprise the proposed concentration (LAWS 2301 - Criminal Justice System and LAWS 2302 - Criminal Law) and the

3000- and 4000-level credits that will be included are some of the department's most consistently full course offerings. The absence of a "criminal law concentration" is regularly highlighted by existing students in advising appointments with departmental advisors and also frequently identified as a "gap" in the department's concentrations by prospective students at recruiting events. We anticipate the addition of this concentration will address this demand, improve retention within the program and greatly assist in recruiting new students. Expanding the concentration options in the BA Honours Law distinguishes Carleton from other universities offering similar "legal studies" or "law and society" programs in Ontario and across Canada. Competing BA Honours programs in "legal studies" or "law and society", such as those offered by the Universities of Waterloo, Laurier, McMaster, and York, do not offer formal specializations or concentration options within their undergraduate programs. The addition of this proposed concentration to the BA Honours Law will be a major competitive advantage to attract prospective students to Carleton. The new concentration will also allow our program to more effectively compete against Criminology programs that have positioned themselves as also engaging in "legal studies", such as the Department of Criminology and Socio-Legal Studies at the University of Toronto. The concentration may attract a small number of students that might otherwise enroll in the BA CCJ. Presently CCJ students can complete their degree with a concentration in Law. The proposed concentration in Criminal Law and Social Order may attract some BA Honours CCJ with a Concentration in Law students who wish to prioritize the study of law as the primary focus of their degree, whilst still concentrating their studies in the area of criminal law and criminal justice. Because this concentration recognizes and promote existing core strengths within the department, no new departmental resources are required.

**Transition/Implementation** An advising and communications plan will take place to communicate this new option to current and prospective students.

**Program reviewer comments**

**nataliephelan (07/20/23 1:07 pm):** Minor wording changes to item 10 and note 2, for consistency.

**vandnabhatia (10/05/23 1:19 pm):** The concentration name was changed to remove 'criminalization' from the title, as per email guidance from S. Tasson (LAWS) on October 5.

**vandnabhatia (10/05/23 1:26 pm):** Rollback: Please resubmit with new concentration name in the title.

**sarahcleary (10/10/23 9:21 am):** Updated the title to be Criminal Law and Social Order as per rollback from V. Bhatia.

Key: 2224

# New Course Proposal

Date Submitted: 09/14/23 2:07 pm

Viewing: **MPAD 4906 : Capstone Projects: Translational Approach to Indigenous Community Wellness**

Last edit: 10/02/23 11:25 am

[Changes proposed by: krysiakotarba](#)

Programs referencing this course [BMPD Bachelor of Media Production and Design Honours](#)

## In Workflow

1. JOUR 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. 09/25/23 12:20 pm  
Allan Thompson (allanthompson):  
Approved for JOUR ChairDir UG
2. 10/16/23 1:35 pm  
Vandna Bhatia (vandnabhatia):  
Approved for PA FCC
3. 11/28/23 11:20 am  
Vandna Bhatia (vandnabhatia):  
Approved for PA FBoard
4. 12/01/23 4:10 pm  
Natalie Phelan (nataliephelan):  
Approved for PRE SCCASP
5. 12/05/23 2:39 pm  
Natalie Phelan (nataliephelan):  
Rollback to PRE SCCASP for SCCASP
6. 01/11/24 11:21 am  
Natalie Phelan (nataliephelan):  
Approved for PRE SCCASP
7. 01/16/24 11:41 am  
Erika Strathearn (erikastrathearn):  
Approved for SCCASP

Effective Date 2024-25

Workflow majormod

New Resources	No New Resources
Level	Undergraduate
Course Code	MPAD
Course Number	4906
Title	Capstone Projects: Translational Approach to Indigenous Community Wellness
Title (short)	Indigenous Community Wellness
Faculty	Faculty of Public Affairs
Academic Unit	School of Journalism and Communication (JOUR)
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Field Experience
Course Description	This course involves co-developing an Indigenous community-led process or product that addresses a current and specific mental health issue with students from other departments at Carleton University. Involves working in interdisciplinary groups with a community partner. This course may be taken instead of MPAD 4000.
Prerequisite(s)	MPAD 2002, MPAD 3003, ITEC 2100, ITEC 2400 and fourth-year standing in the Bachelor of Media production and Design program.
Class Format	Seminars or workshops three hours a week. A field trip to the partner community is typically required.
Precluded Courses	
Also listed as	NEUR 4906
Piggybacked Courses	
Grade Mode	Standard Letter Grade
Schedule Type	*Capstone Other  *May constitute a major modification under Carleton's IQAP. Please consult <a href="https://carleton.ca/viceprovost/major-minor-modifications/">https://carleton.ca/viceprovost/major-minor-modifications/</a> for more details.
Unpaid Placement	No
Summary	We are looking to allow students to take NEUR 4906 Translational Approach to Indigenous Community Wellness instead of taking MPAD 4000: Capstone Projects, as their final thesis capstone course. This would be a very limited enrollment ie. 8 students (this is because there are students from BIOLOGY, NEUR, and ENVIRONMENTAL SCIENCES also taking the course and it must be manageable for all). Essentially, instead of working in groups in MPAD 4000, two groups would work within this course.

**Rationale for new course**

Students in MPAD 4000 have had the option of working with Indigenous communities, alongside students in Neuroscience and Biology since 2021 by informally taking NEUR 4906 as a course, because their professor Dr. McKnight teaches MPAD 4000 and works alongside colleagues involved with the Indigenous youth storytelling project. This has been made possible since Dr. McKnight is a course coordinator for NEUR 4906 and has been able to support their students in their projects. However, because of the work load that is required to learn how to ethically and care-fully engage with Indigenous communities, students who are registered in MPAD 4000 and who take this route for their final capstone project, do extra work than other students. They do so by doing extra training, participate in workshops and guest speakers that go beyond MPAD 4000. By allowing students to take NEUR 4906 through a MPAD course code, they will be able to work with communities, complete a capstone project, without needing to take both courses (NEUR 4906 informally) at once. This gives students the rare and exceptional opportunity to work with communities while also completing their degree requirements.

The design of NEUR 4906 works in tandem with the requirements of MPAD 4000. Students will be required to work with groups with an organization, work on project management, produce a portfolio, tell a story, and create a multi-media project that will be exhibited to their peers and communities in April.

**Course reviewer comments**

**nataliephelan (10/02/23 11:25 am):** Changed to majormod workflow, new capstone.  
**nataliephelan (12/05/23 2:39 pm):** Rollback: Not ready for SCCASP yet; rolling back to holding pattern.

Key: 10818

[Preview Bridge](#)

Date Submitted: 11/16/23 12:47 pm

# Viewing: **BMPD-UMPD : BMPD Bachelor of Media Production and Design Honours**

Last approved: 04/10/23 11:27 am

Last edit: 11/16/23 12:47 pm

Last modified by: krysiakotarba

[Changes proposed by: krysiakotarba](#)

## In Workflow

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

## Approval Path

1. 09/30/23 8:57 am  
Allan Thompson  
(allanthompson):  
Approved for JOUR  
ChairDir UG
2. 10/16/23 1:32 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA FCC
3. 10/18/23 8:53 am  
Natalie Phelan  
(nataliephelan):  
Rollback to Initiator
4. 10/18/23 5:06 pm  
Allan Thompson  
(allanthompson):  
Approved for JOUR  
ChairDir UG
5. 11/06/23 12:23 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA FCC
6. 11/16/23 12:41 pm  
Vandna Bhatia  
(vandnabhatia):  
Rollback to Initiator
7. 11/16/23 1:35 pm  
Allan Thompson  
(allanthompson):  
Approved for JOUR  
ChairDir UG
8. 11/17/23 10:06 am  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA Dean
9. 11/20/23 2:47 pm  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA FCC

10. 11/28/23 11:21 am  
Vandna Bhatia  
(vandnabhatia):  
Approved for PA  
FBoard
11. 01/11/24 11:09 am  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP
12. 01/16/24 11:42 am  
Erika Strathearn  
(erikastrathearn):  
Approved for SCCASP

## History

1. Aug 29, 2017 by  
Sandra Bauer  
(sandrabauer)
2. Jun 14, 2018 by Mike  
Labreque  
(mikelabreque)
3. Mar 9, 2020 by  
Melanie Leblanc  
(melanieleblanc)
4. Apr 23, 2021 by  
Melanie Leblanc  
(melanieleblanc)
5. Jan 19, 2022 by  
jenalynndesmith
6. Apr 19, 2022 by Krysia  
Kotarba  
(krysiakotarba)
7. Apr 10, 2023 by  
Natalie Phelan  
(nataliephelan)

Calendar Pages Using this Program [Journalism](#)  
[Media Production and Design](#)

---

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <a href="#">minormod</a>
Program Code	BMPD-UMPD
Level	Undergraduate
Faculty	Faculty of Public Affairs
Academic Unit	School of Journalism and Communication (JOUR)
Degree	Bachelor of Media Production and Design
Title	BMPD Bachelor of Media Production and Design Honours



# Program Requirements

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## Media Production and Design B.M.P.D. Honours (20.0 credits)

### A. Credits Included in the Major (12.0 credits)

<b>1. 2.0 credits in:</b>		2.0
<a href="#">ITEC 1005</a> [0.5]	Web Development	
<a href="#">ITEC 1100</a> [0.5]	Introduction to Interactive Media Design	
<a href="#">MPAD 1001</a> [0.5]	Introduction to Storytelling: The Context	
<a href="#">MPAD 1002</a> [0.5]	Introduction to Storytelling: The Practice	
<b>2. 1.0 credits in:</b>		1.0
<a href="#">ITEC 1401</a> [0.5] & <a href="#">ITEC 2401</a> [0.5]	Introduction to Scripting and Problem Solving Intermediate Scripting	
Or		
<a href="#">ITEC 1400</a> [0.5] & <a href="#">ITEC 2400</a> [0.5]	Introduction to Programming and Problem Solving Intermediate Programming	
<b>3. 3.0 credits in:</b>		3.0
<a href="#">ITEC 2100</a> [0.5]	Data Visualization	
<a href="#">MPAD 2001</a> [0.5]	Basics of Visual Communication I	
<a href="#">MPAD 2002</a> [0.5]	Basics of Visual Communication II	
<a href="#">MPAD 2003</a> [0.5]	Introductory Data Storytelling	
<a href="#">MPAD 2004</a> [0.5]	Writing for Media	
<a href="#">MPAD 2501</a> [0.5]	Media Law	
<b>4. 3.0 credits in:</b>		3.0
<a href="#">ITEC 3100</a> [0.5]	Immersive Storytelling	
<a href="#">MPAD 3001</a> [0.5]	Storytelling and Social Media	
<a href="#">MPAD 3002</a> [0.5]	Civic Engagement and Public Institutions I	
<a href="#">MPAD 3003</a> [0.5]	Civic Engagement and Public Institutions II: Minor Design Project	
<a href="#">MPAD 3300</a> [0.5]	Media Ethics in a Digital World	
<a href="#">MPAD 3501</a> [0.5]	Internet and Big Data Law	
<b>5. 2.0 credits in:</b>		2.0
<a href="#">MPAD 4000</a> [1.0]	Capstone Project	
or <a href="#">MPAD 4906</a> [0.0]	Capstone Projects: Translational Approach to Indigenous Community Wellness	
<a href="#">MPAD 4001</a> [0.5]	Media Industries Now and Next	
<a href="#">MPAD 4200</a> [0.5]	Freelance Media Survival Skills	
<b>6. 0.5 credit from:</b>		0.5
<a href="#">MPAD 3000</a> [0.5]	Directed Studies	
<a href="#">MPAD 4300</a> [0.5]	Special Topic	
<a href="#">MPAD 4400</a> [0.5]	Directed Studies	
<a href="#">MPAD 4403</a> [0.0]	<u>Professional Skills: Strategic Communication</u>	
<a href="#">MPAD 4500</a> [0.5]	Special Topic	
<a href="#">MPAD 4501</a> [0.5]	Gender, Identity and Inequality	
<a href="#">MPAD 4502</a> [0.5]	Journalism and Conflict	
<a href="#">MPAD 4503</a> [0.5]	Journalism, Indigenous Peoples and Canada	
<a href="#">MPAD 4504</a> [0.5]	The Media and International Development	
<b>7. 0.5 credit from:</b>		0.5

- [ITEC 4012](#) [0.5] Web Application Frameworks
- [ITEC 4014](#) [0.5] User Experience Design and Accessibility
- [ITEC 4015](#) [0.5] Designing and Producing Sound
- [ITEC 4016](#) [0.5] Virtual and Augmented Reality
- [ITEC 4019](#) [0.5] Directing and Cinematography for Digital Storytelling
- [ITEC 4021](#) [0.0] Empirical Research Methods in HCI

**8. 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
- [INDG 2012](#) [0.5] Anishinaabe Ontologies
- [INDG 2013](#) [0.5] Haudenosaunee Ontologies
- [INDG 2015](#) [0.5] Indigenous Relationalities, Kinships, and Knowledges
- [INDG 2020](#) [0.5] Indigenous Feminisms: Perspectives on Gender, Sex, and Sexualities
- [INDG 2709](#) [0.5] Indigenous Drama
- [INDG 3001](#) [0.5] Indigenous Sovereignties
- [INDG 3015](#) [0.5] Indigenous Cosmologies

**B. Credits Not Included in the Major (7.5 credits)**

**9. 7.5 credits in free electives**

7.5

Total Credits

20.0

**New Resources**

No New Resources

**Summary**

Additional of new ITEC course and new MPAD capstone project course along with new MPAD 4403 (x-listed with JOUR 4403).

**Rationale for change**

New ITEC course "Empirical methods in HCI" added to 4th year ITEC electives for the BMPD program which will serve as part of the accelerated pathway to the master of IT degree which BMPD students can also fast track. MPAD 4906 created because of the work load that is required to learn how to ethically and care-fully engage with Indigenous communities, students who are registered in MPAD 4000 and who take this route for their final capstone project, do extra work than other students. They do so by doing extra training, participate in workshops and guest speakers that go beyond MPAD 4000. By allowing students to take NEUR 4906 through a MPAD course code, they will be able to work with communities, complete a capstone project, without needing to take both courses (NEUR 4906 informally) at once. This gives students the rare and exceptional opportunity to work with communities while also completing their degree requirements. New MPAD 4403 which will be x-listed with existing JOUR 4403 added to requirement #6. The course adds an additional option to the program elective course requirement and is not a mandatory option. This proposal is to add a crosslisted course – and not to create a separate course section or BMPD exclusive option.

**Transition/Implementation**

No impact.

**Program reviewer comments**

- nataliephelan (10/18/23 8:53 am):** Rollback: To add MPAD 4906.
- nataliephelan (10/25/23 4:00 pm):** Removed MPAD 3999.
- nataliephelan (11/03/23 10:25 am):** Changed to majormod workflow because a new capstone course option has been added.
- vandnabhatia (11/16/23 12:41 pm):** Rollback: Rollback to add MPAD 4403



## *Memorandum*

**Date:** September 5, 2023

**To:** Pauline Rankin, Provost and Vice-President (Academic)  
Anne Bowker, Interim Dean, Faculty of Arts and Social Sciences  
Patrice Smith, Dean, Faculty of Graduate and Postdoctoral Affairs  
Carmen LeBlanc, Chair, Department of French

**From:** Daniel Siddiqi, Associate Dean (Programs), FGPA

**CC:** David Hornsby, Vice-Provost and Associate Vice-President (Academic)  
Dwight Deugo, Associate Vice-President (Quality Assurance)  
Paul Keen, Associate Dean (Faculty Affairs), FASS  
Pascal Gin, Associate Dean (Academic), FASS  
Sandra Bauer, Program Officer/Graduate Calendar Editor, FGPA

**RE:** Closure of the Master of Arts in French and Francophone Studies

Drs. Rankin, Bowker, Smith, and LeBlanc:

As you all know, my colleagues, Peter Thompson, Augustine Park, and James Opp, and I have been in consultations with the Department of French regarding the state of their graduate enrollments for the last half decade. Despite several years of valiant concerted effort on the part of the faculty of the Department of French to increase graduate student enrolments, it has become clear that it is not realistic that French graduate enrolments will reach a steady state whereby it is feasible to consistently offer 5000-level graduate courses. Without courses, it is not realistic that the French Department can offer its students the kind of high-quality graduate program its faculty members, the Faculty of Arts and Social Sciences, and the Faculty of Graduate and Postdoctoral Affairs believe they deserve.

It is with a sad heart that I write to formally **recommend the closure of the Master of Arts in French and Francophone Studies** and the affiliated degrees with Collaborative Specializations in African Studies and Digital Humanities. This is the kind of recommendation nobody wants to make or to hear, but I have met with Anne, Paul, and Carmen, and we have concluded that the time has finally come. This recommendation regards only the master's degree and the affiliated 5000-level courses.

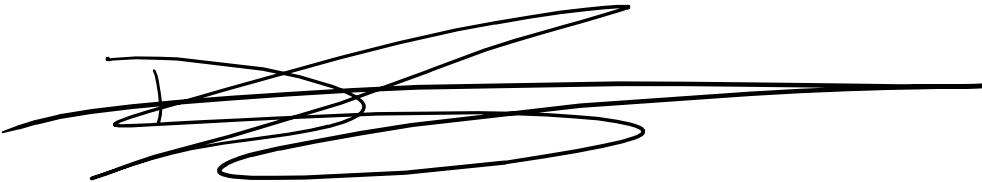
The process of closing the MA will take about three years to complete because of the students already enrolled in the program and the two already in the system with deferred admissions:

1. This cycle, 23-24, French has already begun the process of deleting unused 5000 level courses. This will continue.
2. This year, we will put a freeze on admissions and recruiting for the MA in French, including removing it from all the relevant public-facing literature with the exception of the Calendar.
3. Next year, 24-25, we will initiate the process of removing the programs from the 25-26 Graduate Calendar as well as all FREN 5000-courses not needed by the students to graduate.
4. The following year, 25-26, after all students have graduated, we will delete the remaining FREN 5000-level courses from the 26-27 Calendar and remove the program from related FGPA systems (such as admissions).

I will begin this process immediately upon confirmation from the four of you (explicit confirmation from Dean Bowker will be sufficient).

Should you wish to meet with me to discuss this recommendation, please do not hesitate to contact me or Sandra Bauer.

Sincerely,



Daniel Siddiqi  
Associate Dean (Programs), Faculty of Graduate and Postdoctoral Affairs  
Carleton University

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**From:** Pauline Rankin  
**Sent:** September 5, 2023 8:13 PM  
**To:** Dan Siddiqi  
**Subject:** Re: Memo regarding recommendations for MA French and Francophone Studies

Dan:  
I'm saddened to see this in writing but I certainly agree that this needs to occur. Thanks for guiding this process.  
Pauline

---

**From:** Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca>  
**Date:** Tuesday, September 5, 2023 at 12:06 PM  
**To:** Pauline Rankin <PaulineRankin@Cunet.Carleton.Ca>, Anne Bowker <AnneBowker@CUNET.CARLETON.CA>, Patrice Smith <PatriceSmith@CUNET.CARLETON.CA>, Carmen Leblanc <CarmenLeBlanc@CUNET.CARLETON.CA>  
**Cc:** David Hornsby <DavidHornsby@cunet.carleton.ca>, Dwight Deugo <DwightDeugo@CUNET.CARLETON.CA>, Paul Keen <PaulKeen@CUNET.CARLETON.CA>, Pascal Gin <PascalGin@CUNET.CARLETON.CA>, Sandra Bauer <SandraBauer@Cunet.Carleton.Ca>  
**Subject:** Memo regarding recommendations for MA French and Francophone Studies

Hello Pauline, Anne, Carmen, and Paul,

Please find attached a memo concerning my recommendations for the MA in French and Francophone Studies. This memo follows up on the meeting between me, Anne, Paul, and Carmen last week.

If you have any questions, especially regarding the proposed timeline, which was not finalized at the meeting, please feel free to reach out,

Dan

Daniel Siddiqi  
Associate Dean (Programs), Faculty of Graduate and Postdoctoral Affairs  
Professor of Linguistics, School of Linguistics and Language Studies  
Carleton University

249 Paterson Hall (SLaLS); 512E Tory Hall (FGPA)  
613-520-2600 ext 1249 (Paterson); ext 1809 (Tory)

---

**From:** Anne Bowker  
**Sent:** September 12, 2023 10:07 AM  
**To:** Dan Siddiqi  
**Cc:** Anne Bowker  
**Subject:** Reply: Memo regarding recommendations for MA French and Francophone Studies

Dan –

Thank you for forwarding your recommendation to close the MA in French and Francophone Studies. While I am saddened to see that we have come to this point, I do agree that this does need to move forward at this time.

Thank you for your efforts in guiding this challenging process.

Anne Bowker, PhD (she/her)  
Dean (Interim)  
Faculty of Arts and Social Sciences  
Carleton University  
1125 Colonel By Dr, Ottawa, ON K1S 5B6

**Carleton University acknowledges the location of its campus on the traditional, unceded territories of the Algonquin Nation.**



---

**From:** Dan Siddiqi <[DanielSiddiqi@cunet.carleton.ca](mailto:DanielSiddiqi@cunet.carleton.ca)>  
**Sent:** Tuesday, September 5, 2023 12:06 PM  
**To:** Pauline Rankin <[PaulineRankin@Cunet.Carleton.Ca](mailto:PaulineRankin@Cunet.Carleton.Ca)>; Anne Bowker <[AnneBowker@CUNET.CARLETON.CA](mailto:AnneBowker@CUNET.CARLETON.CA)>; Patrice Smith <[PatriceSmith@CUNET.CARLETON.CA](mailto:PatriceSmith@CUNET.CARLETON.CA)>; Carmen Leblanc <[CarmenLeBlanc@CUNET.CARLETON.CA](mailto:CarmenLeBlanc@CUNET.CARLETON.CA)>  
**Cc:** David Hornsby <[DavidHornsby@cunet.carleton.ca](mailto:DavidHornsby@cunet.carleton.ca)>; Dwight Deugo <[DwightDeugo@CUNET.CARLETON.CA](mailto:DwightDeugo@CUNET.CARLETON.CA)>; Paul Keen <[PaulKeen@CUNET.CARLETON.CA](mailto:PaulKeen@CUNET.CARLETON.CA)>; Pascal Gin <[PascalGin@CUNET.CARLETON.CA](mailto:PascalGin@CUNET.CARLETON.CA)>; Sandra Bauer <[SandraBauer@Cunet.Carleton.Ca](mailto:SandraBauer@Cunet.Carleton.Ca)>  
**Subject:** Memo regarding recommendations for MA French and Francophone Studies

Hello Pauline, Anne, Carmen, and Paul,

Please find attached a memo concerning my recommendations for the MA in French and Francophone Studies. This memo follows up on the meeting between me, Anne, Paul, and Carmen last week.

If you have any questions, especially regarding the proposed timeline, which was not finalized at the meeting, please feel free to reach out,

Dan

Daniel Siddiqi

Associate Dean (Programs), Faculty of Graduate and Postdoctoral Affairs

Professor of Linguistics, School of Linguistics and Language Studies

Carleton University

249 Paterson Hall (SLaLS); 512E Tory Hall (FGPA)

613-520-2600 ext 1249 (Paterson); ext 1809 (Tory)

A deleted record cannot be edited

## Program Delete Proposal

Date Submitted: 09/18/23 2:51 pm

Viewing: **MA-16B : M.A. French and Francophone Studies**

Last approved: 02/17/21 4:07 pm

Last edit: 09/18/23 2:51 pm

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

### In Workflow

1. CalEditor
2. FREN ChairDir GR
3. AS Dean
4. GRAD Dean
5. PRE GRAD FCC
6. GRAD FCC
7. GRAD FBoard
8. PRE SCCASP
9. SCCASP
10. SQAPC
11. Senate
12. CalEditor

### Approval Path

1. 09/18/23 3:08 pm  
Sandra Bauer  
(sandrabauer): Approved for CalEditor
2. 09/19/23 8:56 am  
Carmen Leblanc  
(carmenleblanc): Approved for FREN ChairDir GR
3. 09/22/23 3:45 pm  
Pascal Gin (pascalgin): Approved for AS Dean
4. 10/10/23 5:16 pm  
Sandra Bauer  
(sandrabauer): Approved for GRAD Dean
5. 10/12/23 12:55 pm  
Sandra Bauer  
(sandrabauer): Approved for PRE GRAD FCC
6. 10/31/23 3:46 pm  
Sandra Bauer  
(sandrabauer): Approved for GRAD FCC
7. 11/22/23 10:56 am  
Sandra Bauer  
(sandrabauer): Approved for GRAD FBoard
8. 11/28/23 3:58 pm  
Sandra Bauer



(sandrabauer): Approved for PRE SCCASP

### History

1. Mar 5, 2015 by vickih
2. May 13, 2015 by sandra
3. May 4, 2017 by Sandra Bauer (sandrabauer)
4. May 4, 2017 by Sandra Bauer (sandrabauer)
5. Feb 20, 2018 by Mike Labreque (mikelabreque)
6. Feb 17, 2021 by Mireille Fournier (mireillefournier)

Calendar Pages Using this Program [French and Francophone Studies](#)

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Effective Date	2024-25
Workflow	<a href="#">majormod</a> <a href="#">minormod</a>
Program Code	MA-16B
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of French
Degree	Master of Arts
Title	M.A. French and Francophone Studies

## Program Requirements

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### Program Requirements

#### M.A. French and Francophone Studies (4.0 credits)

**Note:** [FREN 5300](#) and [FREN 5350](#) are mandatory for all students. Candidates select from one of two program options, chosen in consultation with an adviser from the Department, normally the Supervisor of Graduate Studies.

Requirements - Research Essay option (4.0 credits)

- |                                 |                              |     |
|---------------------------------|------------------------------|-----|
| <b>1. 1.0 credit in:</b>        |                              | 1.0 |
| <a href="#">FREN 5908</a> [1.0] | Mémoire de recherche         |     |
| <b>2. 0.5 credit in:</b>        |                              | 0.5 |
| <a href="#">FREN 5300</a> [0.5] | Méthodologie de la recherche |     |

<b>3. 0.0 credit in:</b>		0.0
<a href="#">FREN 5350</a> [0.0]	Proposition de recherche	
<b>4. 2.5 credits at the 5000-level</b>		2.5
Total Credits		4.0
Requirements - Thesis option (4.0 credits)		
<b>1. 2.0 credits in:</b>		2.0
<a href="#">FREN 5909</a> [2.0]	M.A. Thesis	
<b>2. 0.5 credit in:</b>		0.5
<a href="#">FREN 5300</a> [0.5]	Méthodologie de la recherche	
<b>3. 0.0 credit in:</b>		0.0
<a href="#">FREN 5350</a> [0.0]	Proposition de recherche	
<b>4. 1.5 credits at the 5000-level</b>		1.5
Total Credits		4.0

With the approval of the Supervisor of Graduate Studies, M.A. students in French may select the equivalent of 1.0 credit at the graduate or 4000 level in French and at the 4000 or 5000 level in another department.

Students are restricted to a maximum of 1.0 credit in directed readings [FREN 5800](#).

## New Resources

Summary	Delete program.
Rationale for change	Enrolment insufficient to consistently sustain graduate-level offerings.
Transition/Implementation	1) Commence deleting unused courses this year; continue in subsequent years to remove courses not required for graduation of final cohort 2) Freeze admissions and recruiting, remove from public-facing literature. 3) After final cohort has graduated, remove remainder of graduate courses from the Calendar.

Program reviewer comments **sandrabauer (09/18/23 3:08 pm):** Effective year pending status of deferred admissions

Key: 942

A deleted record cannot be edited

## Program Delete Proposal

Date Submitted: 09/18/23 2:53 pm

Viewing: **MA-16BDH : M.A. French and Francophone Studies with Collaborative Specialization in Digital Humanities**

Last approved: 03/02/22 2:56 pm

Last edit: 09/18/23 2:53 pm

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

### In Workflow

1. CalEditor
2. FREN ChairDir GR
3. AS Dean
4. GRAD Dean
5. PRE GRAD FCC
6. GRAD FCC
7. GRAD FBoard
8. PRE SCCASP
9. SCCASP
10. SQAPC
11. Senate
12. CalEditor

### Approval Path

1. 09/19/23 10:26 am  
Sandra Bauer  
(sandrabauer): Approved for CalEditor
2. 09/19/23 11:23 am  
Carmen Leblanc  
(carmenleblanc): Approved for FREN ChairDir GR
3. 09/22/23 3:45 pm  
Pascal Gin (pascalgin): Approved for AS Dean
4. 10/10/23 5:16 pm  
Sandra Bauer  
(sandrabauer): Approved for GRAD Dean
5. 10/12/23 12:55 pm  
Sandra Bauer  
(sandrabauer): Approved for PRE GRAD FCC
6. 10/31/23 3:46 pm  
Sandra Bauer  
(sandrabauer): Approved for GRAD FCC
7. 11/22/23 10:57 am  
Sandra Bauer  
(sandrabauer): Approved for GRAD FBoard
8. 11/28/23 3:58 pm  
Sandra Bauer

(sandrabauer): Approved  
for PRE SCCASP

## History

1. Mar 30, 2015 by sandra
2. May 13, 2015 by sandra
3. Aug 25, 2015 by Sandra Bauer (sandrabauer)
4. May 4, 2017 by Sandra Bauer (sandrabauer)
5. May 4, 2017 by Sandra Bauer (sandrabauer)
6. Mar 2, 2022 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program [Digital Humanities](#)  
[French and Francophone Studies](#)

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <a href="#">minormod</a>
Program Code	MA-16BDH
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of French
Degree	Master of Arts
Title	M.A. French and Francophone Studies with Collaborative Specialization in Digital Humanities

## Program Requirements

### M.A. French and Francophone Studies with Collaborative Specialization in Digital Humanities (4.0 credits)

**Note:** [FREN 5300](#) and [FREN 5350](#) are mandatory for all students. Candidates select from one of two program options, chosen in consultation with an adviser from the Department, normally the Supervisor of Graduate Studies.

Requirements - Research essay pathway (4.0 credits)

- |                                 |  |     |
|---------------------------------|--|-----|
| <b>1. 1.0 credit in:</b>        |  | 1.0 |
| <a href="#">FREN 5908</a> [1.0] | Mémoire de recherche (in the specialization) |     |
| <b>2. 0.5 credit in:</b>        |  | 0.5 |
| <a href="#">FREN 5300</a> [0.5] | Méthodologie de la recherche                 |     |
| <b>3. 0.0 credit in:</b>        |  |     |

<a href="#">FREN 5350</a> [0.0]	Proposition de recherche	
<b>4. 0.5 credit in:</b>		0.5
<a href="#">DIGH 5000</a> [0.5]	Issues in the Digital Humanities	
<b>5. 0.5 credit in DIGH</b> ( <a href="#">DIGH 5011</a> , <a href="#">DIGH 5012</a> , or annually listed DIGH course)		0.5
<b>6. 0.0 credit in:</b>		0.0
<a href="#">DIGH 5800</a> [0.0]	Digital Humanities: Professional Development	
<b>7. 1.5 credit at the 5000 level</b>		1.5
Total Credits		4.0
Requirements - Thesis pathway (4.0 credits)		
<b>1. 2.0 credits in:</b>		2.0
<a href="#">FREN 5909</a> [2.0]	M.A. Thesis (in the specialization)	
<b>2. 0.5 credit in:</b>		0.5
<a href="#">FREN 5300</a> [0.5]	Méthodologie de la recherche	
<b>3. 0.0 credit in:</b>		0.0
<a href="#">FREN 5350</a> [0.0]	Proposition de recherche	
<b>4. 0.5 credit in:</b>		0.5
<a href="#">DIGH 5000</a> [0.5]	Issues in the Digital Humanities	
<b>5. 0.5 credit in DIGH</b> ( <a href="#">DIGH 5011</a> , <a href="#">DIGH 5012</a> , or annually listed DIGH course)		0.5
<b>6. 0.0 credit in:</b>		0.0
<a href="#">DIGH 5800</a> [0.0]	Digital Humanities: Professional Development	
<b>7. 0.5 credit at the 5000 level</b>		0.5
Total Credits		4.0

---

## New Resources

Summary	Delete program
Rationale for change	Enrolment insufficient to consistently sustain graduate-level offerings.
Transition/Implementation	1) Commence deleting unused courses this year; continue in subsequent years to remove courses not required for graduation of final cohort 2) Freeze admissions and recruiting, remove from public-facing literature. 3) After final cohort has graduated, remove remainder of graduate courses from the Calendar.

---

Program reviewer comments **sandrabauer (09/18/23 3:09 pm):** Effective year pending status of deferred admissions

Key: 944

A deleted record cannot be edited

## Program Delete Proposal

Date Submitted: 09/18/23 2:52 pm

Viewing: **MA-16BAS : M.A. French and Francophone Studies with Collaborative Specialization in African Studies**

Last approved: 03/01/22 3:54 pm

Last edit: 09/18/23 2:52 pm

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

### In Workflow

1. CalEditor
2. FREN ChairDir GR
3. AS Dean
4. GRAD Dean
5. PRE GRAD FCC
6. GRAD FCC
7. GRAD FBoard
8. PRE SCCASP
9. SCCASP
10. SQAPC
11. Senate
12. CalEditor

### Approval Path

1. 09/18/23 3:08 pm  
Sandra Bauer  
(sandrabauer): Approved for CalEditor
2. 09/19/23 8:56 am  
Carmen Leblanc  
(carmenleblanc): Approved for FREN ChairDir GR
3. 09/22/23 3:45 pm  
Pascal Gin (pascalgin): Approved for AS Dean
4. 10/10/23 5:16 pm  
Sandra Bauer  
(sandrabauer): Approved for GRAD Dean
5. 10/12/23 12:55 pm  
Sandra Bauer  
(sandrabauer): Approved for PRE GRAD FCC
6. 10/31/23 3:46 pm  
Sandra Bauer  
(sandrabauer): Approved for GRAD FCC
7. 11/22/23 10:56 am  
Sandra Bauer  
(sandrabauer): Approved for GRAD FBoard
8. 11/28/23 3:58 pm  
Sandra Bauer

(sandrabauer): Approved  
for PRE SCCASP

## History

1. Mar 30, 2015 by sandra
2. May 13, 2015 by sandra
3. Apr 29, 2016 by Sandra Bauer (sandrabauer)
4. May 4, 2017 by Sandra Bauer (sandrabauer)
5. Mar 1, 2022 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program [African Studies](#)  
[French and Francophone Studies](#)

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <a href="#">minormod</a>
Program Code	MA-16BAS
Level	Graduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	Department of French
Degree	Master of Arts
Title	M.A. French and Francophone Studies with Collaborative Specialization in African Studies

## Program Requirements

### M.A. French and Francophone Studies with Collaborative Specialization in African Studies (4.0 credits)

**Note:** [FREN 5300](#) and [FREN 5350](#) are mandatory for all students. Candidates select from one of two program options, chosen in consultation with an adviser from the Department, normally the Supervisor of Graduate Studies.

Requirements - Research Essay option (4.0 credits)

- |                                 |  |     |
|---------------------------------|--|-----|
| <b>1. 0.5 credit in:</b>        |  | 0.5 |
| <a href="#">AFRI 5000</a> [0.5] | African Studies as a Discipline: Historical and Current Perspectives |     |
| <b>2. 0.0 credit in:</b>        |  | 0.0 |
| <a href="#">AFRI 5800</a> [0.0] | Scholarly Preparation in African Studies                             |     |
| <b>3. 1.0 credit in:</b>        |  | 1.0 |
| <a href="#">FREN 5908</a> [1.0] | Mémoire de recherche   |     |
| <b>4. 0.5 credit in:</b>        |  | 0.5 |

<a href="#">FREN 5300</a> [0.5]	Méthodologie de la recherche	
<b>5. 0.0 credit in:</b>		0.0
<a href="#">FREN 5350</a> [0.0]	Proposition de recherche	
<b>6. 2.0 credits at the 5000 level</b>		2.0
Total Credits		4.0
Requirements - Thesis option (4.0 credits)		
<b>1. 0.5 credit in:</b>		0.5
<a href="#">AFRI 5000</a> [0.5]	African Studies as a Discipline: Historical and Current Perspectives	
<b>2. 0.0 credit in:</b>		0.0
<a href="#">AFRI 5800</a> [0.0]	Scholarly Preparation in African Studies	
<b>3. 2.0 credits in:</b>		2.0
<a href="#">FREN 5909</a> [2.0]	M.A. Thesis	
<b>4. 0.5 credit in:</b>		0.5
<a href="#">FREN 5300</a> [0.5]	Méthodologie de la recherche	
<b>5. 0.0 credit in:</b>		0.0
<a href="#">FREN 5350</a> [0.0]	Proposition de recherche	
<b>6. 1.0 credit at the 5000 level</b>		1.0
Total Credits		4.0

## New Resources

Summary

Delete program

Rationale for change

Enrolment insufficient to consistently sustain graduate-level offerings.

Transition/Implementation

1) Commence deleting unused courses this year; continue in subsequent years to remove courses not required for graduation of final cohort  
 2) Freeze admissions and recruiting, remove from public-facing literature.  
 3) After final cohort has graduated, remove remainder of graduate courses from the Calendar.

Program reviewer comments

**sandrabauer (09/18/23 3:08 pm):** Effective year pending status of deferred admissions



## MEMORANDUM

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

**From:** KC Collins, Associate Director Graduate Studies, School of Information Technology

**CC:** Larry Kostiuk, Dean, Faculty of Engineering and Design  
Samuel Ajila, Associate Dean, Policy and Planning  
Richard Dansereau, Associate Dean (Graduate Studies)  
Patrice Smith, Dean, Faculty of Graduate and Postdoctoral Affairs  
Dan Siddiqi, Associate Dean, Faculty of Graduate and Postdoctoral Affairs

**Date:** September 6, 2023

**Subject:** Major Modification to Master of Information Technology- Digital Media; Master of Information Technology – Network Technology. Track A1 Change of Program Name

---

### **Modification Description**

We are proposing to change the name of our master's degree programs.

The Master of Information Technology program in the School of Information Technology consists of two distinct pathway options; Network Technology (NET) and Digital Media (DM). We also offer a Collaborative Specialization in Data Science and a Collaborative Specialization in Cybersecurity.

The Networking Technology master's degree has a coursework or thesis pathway, whereas Digital Media only has a thesis option.

Our proposed change is

MIT (DM) → MASc

MIT (NET, thesis pathway) → MASc

MIT (NET, coursework pathway) → MNET

We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An "MIT" degree is nowhere near as well recognized as a Master of Applied Science, and limits their options to go on to some PhD programs that require a Master of Applied Science.

The School of Information Technology feels that a name change will help in our recruiting efforts, in other words, particularly of high-quality international students who recognize the MASc but not an MIT. Currently, many of our students are instead registering into the HCI program because, as they say, "nobody knows what an MIT is" and they historically could get a MASc through the HCI program, where most of our faculty are cross-listed/appointed (though the MHCI has recently made the opposite decision and moved *towards* a unified MHCI).

Moreover, the MAsc degree name will signal to applicants that this is a research program: With the name “digital media”, currently we get many applicants who do not have an appropriate background to undertake thesis work in our program. By changing the name to signal that this is a science-based program, we hope to reduce the unnecessary burden on both applicants and faculty in screening out these students.

[DS1]

Additionally, a combination of the Grad Calendar and ODFED policy allows course-based master’s students to take a Regularly Scheduled Break (for immigration purposes) in the summer. This allows international students to work full-time over the summer to offset their tuition fees. On the other hand, that same combination of Graduate Regulations and ODFED precludes research (thesis-based) students from participating in a Regularly Scheduled break. Currently, coursework students and research students are not easily distinguished, which makes this fundamental difference difficult to relay to the students. This is creating friction amongst students. Renaming the degrees along this distinction will allow us to make reference to the degree type, which is how this is done elsewhere in FED.

There will be no change in curricular structure, nor change of program structure. There will be no changes to graduation requirements.

**Impact on Other Programs** – N/A

**Impact on Learning Outcomes and Curriculum** – N/A

### **Students**

The newly named MAsc is expected to attract more international and domestic students, especially those interested in pursuing a future PhD.

Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

### **Resources**

No new resources are required.

### **Governance**

There will be no impact on governance.

Date Submitted: 11/20/23 12:46 pm

Viewing: **MIT-72CY : M.A.Sc. Master of Information Technology: Digital Media with Collaborative Specialization in Cybersecurity**

Last approved: 08/18/23 2:43 pm

Last edit: 11/20/23 12:46 pm

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

## In Workflow

1. BIT ChairDir GR
2. ENG Dean
3. GRAD Dean
4. PRE GRAD FCC
5. GRAD FCC
6. GRAD FBoard
7. PRE SCCASP
8. SCCASP
9. SQAPC
10. Senate
11. CalEditor

## Approval Path

1. 11/20/23 4:04 pm  
Omair Shafiq  
(omairshafiq):  
Approved for BIT  
ChairDir GR
2. 11/21/23 10:49 am  
Richard Dansereau  
(richarddansereau):  
Approved for ENG  
Dean
3. 11/21/23 4:08 pm  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
Dean
4. 11/24/23 12:14 pm  
Sandra Bauer  
(sandrabauer):  
Approved for PRE  
GRAD FCC
5. 11/29/23 11:07 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
6. 12/13/23 9:54 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FBoard

## History

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

Calendar Pages Using this Program [Information Technology](#)  
[Cybersecurity \(Collaborative Specialization\)](#)  
[Digital Media](#)

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <del>minormod</del>
Program Code	MIT-72CY
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	Master of <a href="#">Applied Science</a> <del>Information Technology</del>
Title	<a href="#">M.A.Sc.</a> <del>Master of Information Technology</del> :Digital Media with Collaborative Specialization in Cybersecurity

## Program Requirements

### [M.A.Sc.](#) ~~Master of Information Technology~~:Digital Media with Collaborative Specialization in Cybersecurity (5.0 credits)

Requirements:

- |   |   |     |
|---|---|-----|
| <b>1. 1.0 credit in:</b>                |   | 1.0 |
| <a href="#">CYBR 5000</a> [1.0]         | Science and Social Science of Cybersecurity           |     |
| <b>2. 0.5 credit in:</b>                |   | 0.5 |
| <a href="#">ITEC 5002</a> [0.5]         | Fundamentals of Information Technology Research       |     |
| <b>3. 0.0 credit in:</b>                |   |     |
| <a href="#">ITEC 5001</a> [0.0]         | Information Technology Seminars                       |     |
| <b>4. 1.0 credit from</b> core courses: |   | 1.0 |
| <a href="#">ITEC 5200</a> [0.5]         | Entertainment Technologies                            |     |
| <a href="#">ITEC 5201</a> [0.5]         | Computer Animation Technologies                       |     |
| <a href="#">ITEC 5202</a> [0.5]         | Visual Effects Technologies                           |     |
| <a href="#">ITEC 5203</a> [0.5]         | Game Design and Development Technologies              |     |
| <a href="#">ITEC 5204</a> [0.5]         | Emerging Interaction Techniques                       |     |
| <a href="#">ITEC 5205</a> [0.5]         | Design and Development of Data-Intensive Applications |     |
| <a href="#">ITEC 5206</a> [0.5]         | Data Protection and Rights Management                 |     |
| <a href="#">ITEC 5207</a> [0.5]         | Data Interaction Techniques                           |     |
| <a href="#">ITEC 5208</a> [0.5]         | Virtual Reality and 3D User Interfaces                |     |
| <a href="#">ITEC 5920</a> [0.5]         | Special Topics in Digital Media                       |     |
| <b>5. 2.5 credits in:</b>               |   | 2.5 |
| <a href="#">ITEC 5909</a> [2.5]         | Master's Thesis (in the area of specialization)       |     |

Total Credits

5.0

New Resources

No New Resources

Summary

Change name from Master of Information Technology to Master of Applied Science

Rationale for change

This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An "MIT" degree is nowhere near as well recognized as a Master of Applied Science, and limits students' options to go on to some PhD programs that require a Master of Applied Science.

Transition/Implementation

Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

Program reviewer  
comments

Key: 2202

Date Submitted: 08/30/23 2:32 pm

# Viewing: MIT-73CY : ~~Master of Information Technology~~: Master of Networking ~~Network~~ Technology with Collaborative Specialization in Cybersecurity

Last approved: 08/18/23 2:44 pm

Last edit: 11/29/23 11:06 am

Last modified by: sandrabauer

[Changes proposed by: riaakaiwa](#)

## In Workflow

1. BIT ChairDir GR
2. PRE GRAD FCC
3. GRAD FCC
4. GRAD FBoard
5. PRE SCCASP
6. SCCASP
7. CalEditor

## Approval Path

1. 09/04/23 12:41 pm  
Omair Shafiq (omairshafiq):  
Approved for BIT ChairDir GR
2. 10/02/23 1:35 pm  
Sandra Bauer (sandrabauer):  
Approved for PRE GRAD FCC
3. 10/31/23 4:38 pm  
Sandra Bauer (sandrabauer):  
Approved for GRAD FCC
4. 11/21/23 3:59 pm  
Sandra Bauer (sandrabauer):  
Rollback to GRAD FCC for GRAD FBoard
5. 11/29/23 11:07 am  
Sandra Bauer (sandrabauer):  
Approved for GRAD FCC
6. 12/13/23 9:55 am  
Sandra Bauer (sandrabauer):  
Approved for GRAD FBoard

## History

1. Apr 3, 2023 by Sandra Bauer (sandrabauer)
2. Aug 18, 2023 by Sandra Bauer (sandrabauer)

Calendar Pages Using this Program [Networking Technology](#)  
[Information Technology](#)  
[Cybersecurity \(Collaborative Specialization\)](#)

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <del>minormod</del>
Program Code	MIT-73CY
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	<del>Master of Information Technology</del>
Title	<del>Master of Information Technology</del> : <a href="#">Master of Networking Network</a> Technology with Collaborative Specialization in Cybersecurity

## Program Requirements

### ~~Master of Information Technology~~: [Master of Networking Network](#) Technology with Collaborative Specialization in Cybersecurity (5.0 credits)

**Requirements:**

- |  |   |            |
|--|---|------------|
| <b>1. 1.0 credit in:</b>   |   | 1.0        |
| <a href="#">CYBR 5000</a> [1.0]  | Science and Social Science of Cybersecurity           |            |
| <b>2. 0.5 credit in:</b>   |   | 0.5        |
| <a href="#">ITEC 5002</a> [0.5]  | Fundamentals of Information Technology Research       |            |
| <b>3. 0.0 credit in:</b>   |   |            |
| <a href="#">ITEC 5001</a> [0.0]  | Information Technology Seminars                       |            |
| <b>4. 2.0 credits from core courses:</b>   |   | 2.0        |
| <a href="#">ITEC 5100</a> [0.5]  | Planning and Design of Computer Networks              |            |
| <a href="#">ITEC 5101</a> [0.5]  | Cross Layer Design for Wireless Multimedia Networks   |            |
| <a href="#">ITEC 5102</a> [0.5]  | Designing Secure Networking and Computer Systems      |            |
| <a href="#">ITEC 5103</a> [0.5]  | Cloud and Datacentre Networking                       |            |
| <a href="#">ITEC 5205</a> [0.5]  | Design and Development of Data-Intensive Applications |            |
| <a href="#">ITEC 5910</a> [0.5]  | Special Topics in Network Technologies                |            |
| <b>5. 0.5 credit in</b> the area of the specialization, approved by the graduate supervisor or the Associate Director of Graduate Studies in the School.                       |   | 0.5        |
| <b>6. 1.0 credit in</b> electives at the 5000-level, chosen in consultation with your graduate advisor/supervisor or the Associate Director of Graduate Studies in the School. |   | 1.0        |
| <b>Total Credits</b>   |   | <b>5.0</b> |

~~Requirements—Thesis pathway:~~

- |  |  |                |
|--|--|----------------|
| <del><b>1. 1.0 credit in:</b></del>        |  | <del>1.0</del> |
| <del><a href="#">CYBR 5000</a> [1.0]</del> | <del>Science and Social Science of Cybersecurity</del>     |                |
| <del><b>2. 0.5 credit in:</b></del>        |  | <del>0.5</del> |
| <del><a href="#">ITEC 5002</a> [0.5]</del> | <del>Fundamentals of Information Technology Research</del> |                |

~~3. 0.0 credit in:~~

~~ITEC 5001 [0.0] Information Technology Seminars~~

~~4. 1.0 credit from core courses:~~

~~1.0~~

~~ITEC 5010 [0.5] Applied Programming I~~

~~ITEC 5100 [0.5] Planning and Design of Computer Networks~~

~~ITEC 5101 [0.5] Cross-Layer Design for Wireless Multimedia Networks~~

~~ITEC 5102 [0.5] Designing Secure Networking and Computer Systems~~

~~ITEC 5103 [0.5] Cloud and Datacentre Networking~~

~~ITEC 5205 [0.5] Design and Development of Data-Intensive Applications~~

~~ITEC 5910 [0.5] Special Topics in Network Technologies~~

~~5. 2.5 credits in:~~

~~2.5~~

~~ITEC 5909 [2.5] Master's Thesis (in the area of the specialization)~~

Total Credits

0.0

New Resources

No New Resources

Summary

A. MINOR MODS - HAVE BEEN APPROVED BY P&P and GFB

1. Removed 4000 level ITEC course from the text.

2. ITEC 5010 is removed from the list of core courses for the thesis pathway. This course wasn't included in the Course option.

B. (NEW) MAJOR MOD - CHANGE OF NAME

Rationale for change

A. MINOR MODS 1.(P&P/GFB approved)) We changed from allowing students to take the 4th/grad cross-listed courses to disallowing them, so we needed to alter the entire curriculum to reflect the fact that fewer courses were available to grad students. 2.(P&P/GFB approved)) This course is more appropriate to be offered as an elective for MNET students. B. MAJOR MOD - CHANGE OF NAME: This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An "MIT" degree is nowhere near as well recognized as a Master of Applied Science, and limits students' options to go on to some PhD programs that require a Master of Applied Science.

Transition/Implementation

Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

Program reviewer comments

**sandrabauer (11/21/23 3:59 pm):** Rollback: roll back to add subsequent name change proposal, bring along with others as a group (VPARC approved Nov 15, 2023)  
**sandrabauer (11/22/23 11:34 am):** Minor mods approved at GFB November 22, 2023  
**sandrabauer (11/24/23 1:11 pm):** Networking (not Network) Technology from SIT confirmed by SIT. From: KC Collins <KCCollins@cunet.carleton.ca> Sent: Tuesday, November 21, 2023 8:46 AM To: Sandra Bauer <SandraBauer@Cunet.Carleton.Ca>; Omair Shafiq <OmairShafiq@cunet.carleton.ca> Cc: Richard Dansereau <RichardDansereau@cunet.carleton.ca>; Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca> Subject: RE: Renaming of MIT degrees - CourseLeaf Hi Sandra Please use the new one, Networking Technology. Thank you KC KC Collins, PhD (she/her or they/them) Associate Director, Graduate Studies School of Information Technology @StudyingSound  
**sandrabauer (11/29/23 11:06 am):** Thesis pathway removed, separate MASc program entry created.



Date Submitted: 11/20/23 12:40 pm

Viewing: **TBD-1297 : M.A.Sc. Digital Media ~~Master of Information Technology - Digital Media~~**

Last approved: 02/15/22 10:34 am

Last edit: 11/20/23 12:40 pm

Last modified by: sandrabauer

Changes proposed by: sandrabauer

## In Workflow

1. BIT ChairDir GR
2. ENG Dean
3. GRAD Dean
4. PRE GRAD FCC
5. GRAD FCC
6. GRAD FBoard
7. PRE SCCASP
8. SCCASP
9. SQAPC
10. Senate
11. CalEditor

## Approval Path

1. 11/20/23 4:02 pm  
Omair Shafiq  
(omairshafiq):  
Approved for BIT  
ChairDir GR
2. 11/21/23 10:48 am  
Richard Dansereau  
(richarddansereau):  
Approved for ENG  
Dean
3. 11/21/23 4:08 pm  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
Dean
4. 11/24/23 12:14 pm  
Sandra Bauer  
(sandrabauer):  
Approved for PRE  
GRAD FCC
5. 11/29/23 11:07 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
6. 12/13/23 9:54 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FBoard

## History

1. Jan 8, 2016 by  
anthonywhitehead

- 2. May 12, 2016 by Sandra Bauer (sandrabauer)
- 3. Mar 9, 2017 by Erenia Hernandez Oliver (ereniaoliver)
- 4. May 5, 2017 by Sandra Bauer (sandrabauer)
- 5. May 5, 2017 by Sandra Bauer (sandrabauer)
- 6. May 5, 2017 by Sandra Bauer (sandrabauer)
- 7. Mar 22, 2019 by Erenia Hernandez Oliver (ereniaoliver)
- 8. Feb 10, 2020 by Hana Jabi (hanajabi)
- 9. Feb 15, 2022 by Ria Akaiwa (riaakaiwa)

Calendar Pages Using this Program [Information Technology](#)  
[Digital Media](#)

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <del>minormod</del>
Program Code	TBD-1297
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	Master of <a href="#">Applied Science</a> <del>Information Technology</del>
Title	<a href="#">M.A.Sc. Digital Media</a> <del>Master of Information Technology – Digital Media</del>

## Program Requirements

### Program Requirements

#### M.A.Sc. ~~Master of Information Technology~~: Digital Media (5.0 credits)

Requirements:

- |   |   |     |
|---|---|-----|
| 1. 0.5 credit in:   |   | 0.5 |
| <a href="#">ITEC 5002</a> [0.5]   | Fundamentals of Information Technology Research |     |
| 2. 0.0 credit in:   |   |     |
| <a href="#">ITEC 5001</a> [0.0]   | Information Technology Seminars                 |     |
| 3. 1.5 credits from core courses (For students admitted to 4.0-credit program, 1.0 credit): |   | 1.5 |
| <a href="#">ITEC 5010</a> [0.5]   | Applied Programming I                           |     |
| <a href="#">ITEC 5200</a> [0.5]   | Entertainment Technologies                      |     |

<a href="#">ITEC 5201</a> [0.5]	Computer Animation Technologies
<a href="#">ITEC 5202</a> [0.5]	Visual Effects Technologies
<a href="#">ITEC 5203</a> [0.5]	Game Design and Development Technologies
<a href="#">ITEC 5204</a> [0.5]	Emerging Interaction Techniques
<a href="#">ITEC 5205</a> [0.5]	Design and Development of Data-Intensive Applications
<a href="#">ITEC 5206</a> [0.5]	Data Protection and Rights Management
<a href="#">ITEC 5207</a> [0.5]	Data Interaction Techniques
<a href="#">ITEC 5208</a> [0.5]	Virtual Reality and 3D User Interfaces
<a href="#">ITEC 5920</a> [0.5]	Special Topics in Digital Media

4. **0.5 credit in** electives, which may include up to 0.5 credit from a 4000-level course, or a 0.5 credit graduate course from another discipline, with permission from their graduate supervisor or the Associate Director of Graduate Studies in the School. 0.5

5. **2.5 credits in:** 2.5

[ITEC 5909](#) [2.5]                      Master's Thesis

Total Credits 5.0

---

New Resources                      No New Resources

Summary                              Change name from Master of Information Technology to Master of Applied Science

Rationale for change              This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An “MIT” degree is nowhere near as well recognized as a Master of Applied Science, and limits students' options to go on to some PhD programs that require a Master of Applied Science.

Transition/Implementation      Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

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Program reviewer comments      **sandrabauer (11/20/23 12:41 pm):** VPARC approved Nov 15.

Date Submitted: 08/30/23 2:25 pm

Viewing: **TBD-1301 : Master of**  
**Networking Technology Information**  
**Technology: Network Technology**

Last approved: 04/07/22 1:02 pm

Last edit: 11/29/23 11:05 am

Last modified by: sandrabauer

[Changes proposed by: riaakaiwa](#)

## In Workflow

1. BIT ChairDir GR
2. PRE GRAD FCC
3. GRAD FCC
4. GRAD FBoard
5. PRE SCCASP
6. SCCASP
7. CalEditor

## Approval Path

1. 09/04/23 12:41 pm  
Omar Shafiq  
(omairshafiq):  
Approved for BIT  
ChairDir GR
2. 10/02/23 1:32 pm  
Sandra Bauer  
(sandrabauer):  
Approved for PRE  
GRAD FCC
3. 10/31/23 4:38 pm  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
4. 11/21/23 3:59 pm  
Sandra Bauer  
(sandrabauer):  
Rollback to GRAD  
FCC for GRAD FBoard
5. 11/29/23 11:07 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
6. 12/13/23 9:55 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FBoard

## History

1. Jan 8, 2016 by Sandra Bauer (sandrabauer)
2. Mar 10, 2017 by Erenia Hernandez Oliver (ereniaoliver)
3. May 5, 2017 by Sandra Bauer (sandrabauer)

- 4. May 5, 2017 by Sandra Bauer (sandrabauer)
- 5. May 5, 2017 by Sandra Bauer (sandrabauer)
- 6. May 5, 2017 by Sandra Bauer (sandrabauer)
- 7. Mar 22, 2019 by Sandra Bauer (sandrabauer)
- 8. Feb 10, 2020 by Hana Jabi (hanajabi)
- 9. Apr 7, 2022 by Ria Akaiwa (riaakaiwa)

Calendar Pages Using this Program [Networking Technology](#) [Information Technology](#)

Effective Date	2024-25
Workflow	majormod
Program Code	TBD-1301
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	<del>Master of Information Technology</del>
Title	Master of <a href="#">Networking Technology</a> <del>Information Technology: Network Technology</del>

## Program Requirements

### ~~Master of Information Technology:~~ [Master of Networking](#) ~~Network~~ Technology (5.0 credits)

Requirements:

- |  |   |     |
|--|---|-----|
| <b>1. 0.5 credit in:</b>                   |   | 0.5 |
| <a href="#">ITEC 5002</a> [0.5]            | Fundamentals of Information Technology Research       |     |
| <b>2. 0.0 credit in:</b>                   |   |     |
| <a href="#">ITEC 5001</a> [0.0]            | Information Technology Seminars                       |     |
| <b>3. 2.5 credits from core courses:</b>   |   | 2.5 |
| <del><a href="#">ITEC 5010</a> [0.5]</del> | <del>Applied Programming I</del>                      |     |
| <a href="#">ITEC 5100</a> [0.5]            | Planning and Design of Computer Networks              |     |
| <a href="#">ITEC 5101</a> [0.5]            | Cross Layer Design for Wireless Multimedia Networks   |     |
| <a href="#">ITEC 5102</a> [0.5]            | Designing Secure Networking and Computer Systems      |     |
| <a href="#">ITEC 5103</a> [0.5]            | Cloud and Datacentre Networking                       |     |
| <a href="#">ITEC 5205</a> [0.5]            | Design and Development of Data-Intensive Applications |     |
| <a href="#">ITEC 5910</a> [0.5]            | Special Topics in Network Technologies                |     |

<del>4. 1.0 credit in</del> ITEC electives, which may include up to 0.5 credit in a 4000-level ITEC course with permission from the graduate supervisor or the Associate Director of Graduate Studies in the School:	<del>1.0</del>
<del>5. 1.0 credit in</del> electives at the 5000-level, which may include ITEC courses, chosen with permission from the graduate supervisor or the Associate Director of Graduate Studies in the School:	<del>1.0</del>
<u>4. 2.0 credit in</u> electives at the 5000-level, chosen in consultation with your graduate advisor/supervisor or the Associate Director of Graduate Studies in the School.	<u>2.0</u>
Total Credits	5.0
<del>Requirements—Thesis pathway:</del>	
<del>1. 0.5 credit in:</del>	<del>0.5</del>
<del>ITEC 5002 [0.5]</del> <del>Fundamentals of Information Technology Research</del>	
<del>2. 0.0 credit in:</del>	
<del>ITEC 5001 [0.0]</del> <del>Information Technology Seminars</del>	
<del>3. 1.5 credits from</del> core courses (For students admitted to 4.0-credit program, 1.0 credit):	<del>1.5</del>
<del>ITEC 5010 [0.5]</del> <del>Applied Programming I</del>	
<del>ITEC 5100 [0.5]</del> <del>Planning and Design of Computer Networks</del>	
<del>ITEC 5101 [0.5]</del> <del>Cross Layer Design for Wireless Multimedia Networks</del>	
<del>ITEC 5102 [0.5]</del> <del>Designing Secure Networking and Computer Systems</del>	
<del>ITEC 5103 [0.5]</del> <del>Cloud and Datacentre Networking</del>	
<del>ITEC 5205 [0.5]</del> <del>Design and Development of Data-Intensive Applications</del>	
<del>ITEC 5910 [0.5]</del> <del>Special Topics in Network Technologies</del>	
<del>4. 0.5 credit in</del> electives, which may include ITEC 5900, or up to 0.5 credit at the 4000-level, or a 0.5 credit graduate course from another discipline, with permission from their graduate supervisor or the Associate Director of Graduate Studies in the School:	<del>0.5</del>
<del>5. 2.5 credits in:</del>	<del>2.5</del>
<del>ITEC 5909 [2.5]</del> <del>Master's Thesis</del>	
Total Credits	0.0

New Resources                      No New Resources

Summary                      A. MINOR MODS - HAVE BEEN APPROVED BY P&P and GFB  
 1. ITEC 5010 removed from the list of core courses from both Course and thesis pathways.  
 2. Course-pathway: 5. 1.0credit in Elective deleted and this 1.0credit is now added to 4. elective (2.0credits in total)  
 3. Thesis pathway: wording changed.

Rationale for change                      B. (NEW) MAJOR MOD - CHANGE OF NAME  
  
 A. MINOR MODS: 1. (already approved) This programming course is more appropriate to be offered as an elective for the MNET students. 2 & 3. (already approved) We changed from allowing students to take the 4th/grad cross-listed courses to disallowing them, so we needed to alter the entire curriculum to reflect the fact that fewer courses were available to grad students. B. MAJOR MOD - CHANGE OF NAME: This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An "MIT" degree is nowhere near as well recognized as a Master of Applied Science, and limits students' options to go on to some PhD programs that require a Master of Applied Science.

Transition/Implementation Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

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Program reviewer  
comments

**sandrabauer (11/21/23 3:59 pm):** Rollback: roll back to add subsequent name change proposal, bring along with others as a group (VPARC approved Nov 15, 2023)  
**sandrabauer (11/22/23 11:34 am):** Minor mods approved at GFB November 22, 2023.  
**sandrabauer (11/24/23 12:52 pm):** Networking (not Network) Technology from SIT confirmed by SIT. From: KC Collins <KCCollins@cunet.carleton.ca> Sent: Tuesday, November 21, 2023 8:46 AM To: Sandra Bauer <SandraBauer@Cunet.Carleton.Ca>; Omair Shafiq <OmairShafiq@cunet.carleton.ca> Cc: Richard Dansereau <RichardDansereau@cunet.carleton.ca>; Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca> Subject: RE: Renaming of MIT degrees - CourseLeaf Hi Sandra Please use the new one, Networking Technology. Thank you KC KC Collins, PhD (she/her or they/them) Associate Director, Graduate Studies School of Information Technology @StudyingSound  
**sandrabauer (11/29/23 11:05 am):** Thesis pathway removed, separate MASc program entry created.

Key: 1301

Date Submitted: 11/20/23 12:48 pm

Viewing: **TBD-1773 : M.A.Sc. MIT Digital Media with Collaborative Media, Specialization in Data Science**

Last approved: 02/18/22 10:04 am

Last edit: 11/20/23 12:48 pm

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

## In Workflow

1. BIT ChairDir GR
2. ENG Dean
3. GRAD Dean
4. PRE GRAD FCC
5. GRAD FCC
6. GRAD FBoard
7. PRE SCCASP
8. SCCASP
9. SQAPC
10. Senate
11. CalEditor

## Approval Path

1. 11/20/23 4:04 pm  
Omair Shafiq  
(omairshafiq):  
Approved for BIT  
ChairDir GR
2. 11/21/23 10:50 am  
Richard Dansereau  
(richarddansereau):  
Approved for ENG  
Dean
3. 11/21/23 4:08 pm  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
Dean
4. 11/24/23 12:14 pm  
Sandra Bauer  
(sandrabauer):  
Approved for PRE  
GRAD FCC
5. 11/29/23 11:07 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
6. 12/13/23 9:54 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FBoard

## History

1. Jan 30, 2018 by  
Sandra Bauer  
(sandrabauer)



- 2. Mar 22, 2019 by Erenia Hernandez Oliver (ereniaoliver)
- 3. Apr 7, 2020 by Sarah Cleary (sarahcleary)
- 4. Feb 18, 2022 by Ria Akaiwa (riaakaiwa)

Calendar Pages Using this Program [Information Technology](#), [Data Science \(Collaborative Specialization\)](#), [Digital Media](#)

Effective Date	2024-25
Workflow	<a href="#">majormod</a> <del>minormod</del>
Program Code	TBD-1773
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	Master of <a href="#">Applied Science</a> <del>Information Technology</del>
Title	<a href="#">M.A.Sc. MH</a> Digital <a href="#">Media with Collaborative</a> <del>Media</del> , Specialization in Data Science

## Program Requirements

### [M.A.Sc. Master of Information Technology](#): Digital Media with Collaborative Specialization in Data Science (5.0 credits)

Requirements:

- |   |   |     |
|---|---|-----|
| <b>1. 0.5 credit in:</b>                |   | 0.5 |
| <a href="#">DATA 5000</a> [0.5]         | Data Science Seminar                                  |     |
| <b>2. 0.5 credit in:</b>                |   | 0.5 |
| <a href="#">ITEC 5002</a> [0.5]         | Fundamentals of Information Technology Research       |     |
| <b>3. 1.0 credit from core courses:</b> |   | 1.0 |
| <a href="#">ITEC 5010</a> [0.5]         | Applied Programming I                                 |     |
| <a href="#">ITEC 5200</a> [0.5]         | Entertainment Technologies                            |     |
| <a href="#">ITEC 5201</a> [0.5]         | Computer Animation Technologies                       |     |
| <a href="#">ITEC 5202</a> [0.5]         | Visual Effects Technologies                           |     |
| <a href="#">ITEC 5203</a> [0.5]         | Game Design and Development Technologies              |     |
| <a href="#">ITEC 5204</a> [0.5]         | Emerging Interaction Techniques                       |     |
| <a href="#">ITEC 5205</a> [0.5]         | Design and Development of Data-Intensive Applications |     |
| <a href="#">ITEC 5206</a> [0.5]         | Data Protection and Rights Management                 |     |
| <a href="#">ITEC 5207</a> [0.5]         | Data Interaction Techniques                           |     |
| <a href="#">ITEC 5208</a> [0.5]         | Virtual Reality and 3D User Interfaces                |     |
| <a href="#">ITEC 5920</a> [0.5]         | Special Topics in Digital Media                       |     |

<b>4. 0.5 credit in</b> electives, which may include up to 0.5 credit from a 4000-level course, or a 0.5 credit graduate course from another discipline, with permission from their graduate supervisor or the Associate Director of Graduate Studies in the School.	0.5
<b>5. 2.5 credits in:</b>	2.5
<u>ITEC 5909</u> [2.5]	Master's Thesis (in the specialization)
<b>Total Credits</b>	<b>5.0</b>

**Note:** No additional IT seminar requirements for this stream.

<b>New Resources</b>	No New Resources
<b>Summary</b>	Change name from Master of Information Technology to Master of Applied Science
<b>Rationale for change</b>	<p>This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MAsc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An “MIT” degree is nowhere near as well recognized as a Master of Applied Science, and limits students' options to go on to some PhD programs that require a Master of Applied Science.</p>
<b>Transition/Implementation</b>	Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

Program reviewer comments

Key: 1773

# New Program Proposal

Date Submitted: 11/29/23 10:56 am

Viewing: **TBD-2238 : M.A.Sc. Networking Technology**

Last edit: 11/29/23 10:56 am

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

## In Workflow

1. BIT ChairDir GR
2. ENG Dean
3. GRAD Dean
4. PRE GRAD FCC
5. GRAD FCC
6. GRAD FBoard
7. PRE SCCASP
8. SCCASP
9. SQAPC
10. Senate
11. CalEditor

## Approval Path

1. 11/30/23 10:05 pm  
Omair Shafiq  
(omairshafiq):  
Approved for BIT  
ChairDir GR
2. 12/01/23 1:02 pm  
Richard Dansereau  
(richarddansereau):  
Approved for ENG  
Dean
3. 12/04/23 9:59 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
Dean
4. 12/04/23 10:19 am  
Sandra Bauer  
(sandrabauer):  
Approved for PRE  
GRAD FCC
5. 12/04/23 10:32 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
6. 12/13/23 9:55 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FBoard

Calendar Pages Using this [Networking Technology](#) Program

Effective Date 2024-25

Workflow	majormod
Program Code	TBD-2238
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	Master of Applied Science
Title	M.A.Sc. Networking Technology

## Program Requirements

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### M.A.Sc. Networking Technology (5.0 credits)

Requirements:

<b>1. 0.5 credit in:</b>		0.5
<a href="#">ITEC 5002</a> [0.5]	Fundamentals of Information Technology Research	
<b>2. 0.0 credit in:</b>		
<a href="#">ITEC 5001</a> [0.0]	Information Technology Seminars	
<b>3. 1.5 credits from</b> core courses (For students admitted to 4.0-credit program, 1.0 credit):		1.5
<a href="#">ITEC 5100</a> [0.5]	Planning and Design of Computer Networks	
<a href="#">ITEC 5101</a> [0.5]	Cross Layer Design for Wireless Multimedia Networks	
<a href="#">ITEC 5102</a> [0.5]	Designing Secure Networking and Computer Systems	
<a href="#">ITEC 5103</a> [0.5]	Cloud and Datacentre Networking	
<a href="#">ITEC 5205</a> [0.5]	Design and Development of Data-Intensive Applications	
<a href="#">ITEC 5910</a> [0.5]	Special Topics in Network Technologies	
<b>4. 0.5 credit in</b> electives at the 5000-level, chosen in consultation with your graduate advisor/supervisor or the Associate Director of Graduate Studies in the School.		0.5
<b>5. 2.5 credits in:</b>		2.5
<a href="#">ITEC 5909</a> [2.5]	Master's Thesis	
<b>Total Credits</b>		<b>5.0</b>

New Resources No New Resources

Summary Rename MIT-Network Technology Thesis pathway to MASc Networking Technology

Rationale

MAJOR MOD - CHANGE OF NAME: This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An “MIT” degree is nowhere near as well recognized as a Master of Applied Science, and limits students' options to go on to some PhD programs that require a Master of Applied Science.

Transition/Implementation Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

---

Program reviewer  
comments

**sandrabauer (11/29/23 11:16 am):** Includes minor mods already approved by P&P and GFB: 1. ITEC 5010 removed from the list of core courses from both Course and thesis pathways. 2. Course-pathway: 5. 1.0credit in Elective deleted and this 1.0credit is now added to 4. elective (2.0credits in total) 3. Thesis pathway: wording changed.

Key: 2238

# New Program Proposal

Date Submitted: 11/29/23 11:04 am

Viewing: **TBD-2239 : M.A.Sc. Networking Technology with Collaborative Specialization in Cybersecurity**

Last edit: 11/29/23 11:04 am

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

## In Workflow

1. BIT ChairDir GR
2. ENG Dean
3. GRAD Dean
4. PRE GRAD FCC
5. GRAD FCC
6. GRAD FBoard
7. PRE SCCASP
8. SCCASP
9. SQAPC
10. Senate
11. CalEditor

## Approval Path

1. 11/30/23 10:06 pm  
Omair Shafiq (omairshafiq):  
Approved for BIT ChairDir GR
2. 12/01/23 1:03 pm  
Richard Dansereau (richarddansereau):  
Approved for ENG Dean
3. 12/04/23 10:01 am  
Sandra Bauer (sandrabauer):  
Approved for GRAD Dean
4. 12/04/23 10:19 am  
Sandra Bauer (sandrabauer):  
Approved for PRE GRAD FCC
5. 12/04/23 10:32 am  
Sandra Bauer (sandrabauer):  
Approved for GRAD FCC
6. 12/13/23 9:55 am  
Sandra Bauer (sandrabauer):  
Approved for GRAD FBoard

Calendar Pages Using this [Networking Technology](#) Program

Effective Date 2024-25

Workflow	majormod
Program Code	TBD-2239
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	Master of Applied Science
Title	M.A.Sc. Networking Technology with Collaborative Specialization in Cybersecurity

## Program Requirements

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### M.A.Sc. Networking Technology with Collaborative Specialization in Cybersecurity (5.0 credits)

Requirements:

<b>1. 1.0 credit in:</b>		1.0
<a href="#">CYBR 5000</a> [1.0]	Science and Social Science of Cybersecurity	
<b>2. 0.5 credit in:</b>		0.5
<a href="#">ITEC 5002</a> [0.5]	Fundamentals of Information Technology Research	
<b>3. 0.0 credit in:</b>		
<a href="#">ITEC 5001</a> [0.0]	Information Technology Seminars	
<b>4. 1.0 credit from core courses:</b>		1.0
<a href="#">ITEC 5100</a> [0.5]	Planning and Design of Computer Networks	
<a href="#">ITEC 5101</a> [0.5]	Cross Layer Design for Wireless Multimedia Networks	
<a href="#">ITEC 5102</a> [0.5]	Designing Secure Networking and Computer Systems	
<a href="#">ITEC 5103</a> [0.5]	Cloud and Datacentre Networking	
<a href="#">ITEC 5205</a> [0.5]	Design and Development of Data-Intensive Applications	
<a href="#">ITEC 5910</a> [0.5]	Special Topics in Network Technologies	
<b>5. 2.5 credits in:</b>		2.5
<a href="#">ITEC 5909</a> [2.5]	Master's Thesis (in the area of the specialization)	
<b>Total Credits</b>		<b>5.0</b>

New Resources No New Resources

Summary Rename MIT-Network Technology Thesis pathway with CS in Cybersecurity to MASc Networking Technology with CS in Cybersecurity

Rationale This name change is one of a set of changes to the names of existing Information Technology programs: MIT Digital Media to MASc, MIT Network Technology (thesis pathway) to MASc, and MIT Network Technology (coursework pathway) to MNET. We wish for our degree names to signal the difference in the thesis versus coursework degree as is typically captured in the distinction between an MASc and an MEng. We also wish to bring the degree names of our thesis-based degrees in line with other more common degree names in the Faculty of Engineering and Design and throughout Canada, in order to attract more high-quality students. An "MIT" degree is nowhere near as well recognized as a Master of Applied Science,

and limits students' options to go on to some PhD programs that require a Master of Applied Science.

**Transition/Implementation** Students entering the program in 2024-2025 will assume the new degree names. Existing students will maintain their current names, or opt into the new name, provided they are graduating winter 2025 or beyond.

---

**Program reviewer comments** **sandrabauer (11/29/23 11:16 am):** Includes minor mods already approved by P&P and GFB: 1. ITEC 5010 removed from the list of core courses from both Course and thesis pathways. 2. Course-pathway: 5. 1.0credit in Elective deleted and this 1.0credit is now added to 4. elective (2.0credits in total) 3. Thesis pathway: wording changed.

Key: 2239



# New Program Proposal

Date Submitted: 01/10/24 1:38 pm

## Viewing: **R-GR-ADMRQT-DM : Digital Media MASc Admission Requirements**

Last edit: 01/18/24 9:43 am

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

### In Workflow

1. BIT ChairDir GR
2. PRE GRAD FCC
3. GRAD FCC
4. GRAD FBoard
5. PRE SCCASP
6. SCCASP
7. Senate
8. CalEditor

### Approval Path

1. 01/12/24 11:32 am  
Sandra Bauer (sandrabauer):  
Approved for BIT ChairDir GR
2. 01/15/24 2:05 pm  
Sandra Bauer (sandrabauer):  
Approved for PRE GRAD FCC
3. 01/15/24 2:07 pm  
Sandra Bauer (sandrabauer):  
Approved for GRAD FCC
4. 01/18/24 9:30 am  
Sandra Bauer (sandrabauer):  
Approved for GRAD FBoard

Calendar Pages Using this [Digital Media](#) Program

Effective Date	2024-25
Workflow	majormod
Program Code	R-GR-ADMRQT-DM
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	

Title Digital Media MASC Admission Requirements

## Program Requirements

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### Admission

#### M.A.Sc. Digital Media

Students entering the program will have an undergraduate degree in one of the related three primary disciplines of Technology (e.g. Computer Science/Engineering and Information Technology), Content (e.g. Arts and Humanities), and People (e.g. Psychology, Communication and Business).

All students will apply for the 5.0 credit M.A.Sc.. Digital Media.

Applicants with substantial professional experience in digital media in Canada may be considered for admission to professional entry, requiring them to complete 4.0 credits, to be determined by the School of Information Technology and the Faculty of Graduate and Postdoctoral Affairs.

#### Accelerated Pathway Digital Media

The accelerated pathway is a flexible and individualized plan of graduate study. Students in their final year of any relevant Carleton undergrad degree with demonstrated academic excellence and aptitude for research may qualify for this option.

Students in their third-year of study should consult with both their Academic Advisor and the Associate Director for Graduate Studies to determine if the accelerated pathway is appropriate for them and to confirm their selection of courses for their final year of undergraduate studies.

#### Accelerated Pathway Requirements:

1. At least 0.5 credit in one of the following courses ITEC 52XX or ITEC 5920 with a grade of B+ or higher;
2. Minimum overall CGPA of A-.

Students may receive advanced standing with transfer of up to 1.0 credit, which can reduce their time to completion.

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New Resources	No New Resources
Summary	*associated with major mod - renaming of MIT* Create entry for MASC and M.N.T. admission requirements
Rationale	MITs are being renamed and the degrees will require discrete admissions entries. Requirements are not changing.
Transition/Implementation	n/a

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Program reviewer comments	<b>sandrabauer (01/10/24 1:44 pm):</b> Collateral change - modified workflow steps <b>sandrabauer (01/12/24 11:32 am):</b> Approved on behalf of unit - email confirmation received. From: Omair Shafiq <OmairShafiq@cunet.carleton.ca> Sent: Wednesday, January 10, 2024 8:59 AM To: KC Collins <KCCollins@cunet.carleton.ca>; Sandra Bauer <SandraBauer@Cunet.Carleton.Ca> Cc: Richard Dansereau <RichardDansereau@cunet.carleton.ca>; Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca> Subject: RE: MIT renaming - draft admission entries Good morning, This looks good to me too. Best Regards, Omair From: KC Collins <KCCollins@cunet.carleton.ca> Sent: Wednesday, January 10, 2024 8:39 AM To: Sandra Bauer <SandraBauer@Cunet.Carleton.Ca>; Omair Shafiq <OmairShafiq@cunet.carleton.ca>
---------------------------	--

1/30/24, 2:42 PM

Program Management

Cc: Richard Dansereau <RichardDansereau@cunet.carleton.ca>; Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca> Subject: RE: MIT renaming - draft admission entries Hi Sandra This looks good to me! Thank you! KC Collins, PhD Associate Director, Graduate Studies School of Information Technology @StudyingSound

Key: 2241

# New Program Proposal

Date Submitted: 01/10/24 1:39 pm

## Viewing: **R-GR-ADMRQT-MNT : Networking Technology MASC, MNT Admission Requirements**

Last edit: 01/16/24 9:20 am

Last modified by: sandrabauer

[Changes proposed by: sandrabauer](#)

### In Workflow

1. BIT ChairDir GR
2. PRE GRAD FCC
3. GRAD FCC
4. GRAD FBoard
5. PRE SCCASP
6. SCCASP
7. Senate
8. CalEditor

### Approval Path

1. 01/12/24 11:31 am  
Sandra Bauer  
(sandrabauer):  
Approved for BIT  
ChairDir GR
2. 01/15/24 2:05 pm  
Sandra Bauer  
(sandrabauer):  
Approved for PRE  
GRAD FCC
3. 01/15/24 2:08 pm  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FCC
4. 01/18/24 9:30 am  
Sandra Bauer  
(sandrabauer):  
Approved for GRAD  
FBoard

Effective Date	2024-25
Workflow	majormod
Program Code	R-GR-ADMRQT-MNT
Level	Graduate
Faculty	Faculty of Engineering and Design
Academic Unit	School of Information Technology
Degree	
Title	Networking Technology MASC, MNT Admission Requirements

# Program Requirements

---

## Admission

### Networking Technology - M.A.Sc., M.N.T.

Students entering the program will have an undergraduate degree in network technology, electrical engineering, computer science, engineering, or a closely-related discipline.

All students will apply for either the 5.0 credit M.A.Sc. or the M.N.T.

Applicants with substantial professional experience in network technology in Canada may be considered for admission to professional entry, requiring them to complete 4.0 credits, to be determined by the School of Information Technology and the Faculty of Graduate and Postdoctoral Affairs.

### Accelerated Pathway Networking Technology

The accelerated pathway is a flexible and individualized plan of graduate study. Students in their final year of a Carleton BIT Network Technology degree with demonstrated academic excellence and aptitude for research may qualify for this option.

Students in their third-year of study in the BIT Network Technology degree should consult with both their Undergraduate Program Coordinator and the Associate Chair for Graduate Studies to determine if the accelerated pathway is appropriate for them and to confirm their selection of courses for their final year of undergraduate studies.

#### Accelerated Pathway Requirements:

1. At least 0.5 credit from: [ITEC 5110](#), [ITEC 5111](#), [ITEC 5112](#), [ITEC 5113](#), [ITEC 5114](#) with a grade of B+ or higher;
2. Minimum overall CGPA of A-.

Students may receive advanced standing with transfer of up to 1.0 credit, which can reduce their time to completion.

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New Resources	No New Resources
Summary	*associated with major mod - renaming of MIT* Create entry for MASc and M.N.T. admission requirements
Rationale	MITs are being renamed and the degrees will require discrete admissions entries. Requirements are not changing.
Transition/Implementation	n/a

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Program reviewer comments **sandrabauer (01/10/24 1:44 pm)**: Collateral change - modified workflow steps  
**sandrabauer (01/12/24 11:31 am)**: Approve on behalf of unit - email confirmation received From: Omair Shafiq <OmairShafiq@cunet.carleton.ca> Sent: Wednesday, January 10, 2024 8:59 AM To: KC Collins <KCCollins@cunet.carleton.ca>; Sandra Bauer <SandraBauer@Cunet.Carleton.Ca> Cc: Richard Dansereau <RichardDansereau@cunet.carleton.ca>; Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca> Subject: RE: MIT renaming - draft admission entries Good morning, This looks good to me too. Best Regards, Omair From: KC Collins <KCCollins@cunet.carleton.ca> Sent: Wednesday, January 10, 2024 8:39 AM To: Sandra Bauer <SandraBauer@Cunet.Carleton.Ca>; Omair Shafiq <OmairShafiq@cunet.carleton.ca> Cc: Richard Dansereau <RichardDansereau@cunet.carleton.ca>; Dan Siddiqi <DanielSiddiqi@cunet.carleton.ca> Subject: RE: MIT renaming - draft admission entries Hi

Sandra This looks good to me! Thank you! KC Collins, PhD Associate Director, Graduate Studies School of Information Technology @StudyingSound

# Course Change Request

## New Course Proposal

Date Submitted: 06/29/23 1:05 pm

Viewing: **ENSC 4909 : Translational Approach to Indigenous Community Wellness**

Last edit: 08/04/23 1:47 pm

Changes proposed by: michellesantoanni

Programs referencing  
this course

[Environmental Science with Concentration in Geomatics B.Sc. Honours](#)  
[Environmental Science B.Sc. Honours](#)  
[Environmental Science with Concentration in Ecology, Biodiversity and Conservation B.Sc. Honours](#)  
[Environmental Science with Concentration in Chemistry B.Sc. Honours](#)  
[Environmental Science with Concentration in Earth Sciences B.Sc. Honours](#)

### In Workflow

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

### Approval Path

1. 06/12/23 6:39 am  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
2. 06/28/23 12:01 pm  
Julia Wallace  
(juliawallace): Rollback to Initiator
3. 08/30/23 6:04 pm  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
4. 10/13/23 1:11 pm  
Julia Wallace  
(juliawallace): Approved for SCI FCC
5. 11/07/23 1:59 pm  
Julia Wallace  
(juliawallace): Approved for SCI FBoard

Effective Date	2024-25
Workflow	majormod
New Resources	No New Resources
Level	Undergraduate
Course Code	ENSC
Course Number	4909

Title	Translational Approach to Indigenous Community Wellness
Title (short)	Indg Comm Wellness
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Industry/Community Research Projects
Course Description	This course involves co-developing an Indigenous community-led process or product that addresses a current and specific mental health issue. Involves working in interdisciplinary groups with a community partner. Includes: Experiential Learning Activity
Prerequisite(s)	Fourth-year standing with a minimum Major CGPA of 10.0 in the Honours Environmental Science program and permission of the instructor
Class Format	Seminars or workshops three hours a week. A field trip to the partner community is typically required.
Precluded Courses	ENSC 4906.
Also listed as	ISAP 4909, NEUR 4906.
Piggybacked Courses	
Grade Mode	Standard Letter Grade
Schedule Type	*Capstone  *May constitute a major modification under Carleton's IQAP. Please consult <a href="https://carleton.ca/viceprovost/major-minor-modifications/">https://carleton.ca/viceprovost/major-minor-modifications/</a> for more details.
Unpaid Placement	No
Summary	No new resources will be required. We already have the personnel and infrastructure in place.
Rationale for new course	We want to cross-list to broaden the types of students that enrol in the course. The course is currently offered through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.
Course reviewer comments	<b>juliawallace (06/28/23 12:01 pm)</b> : Rollback: by request <b>nataliephelan (08/04/23 1:12 pm)</b> : Changed to major mod - new capstone.

Key: 10723

[Preview Bridge](#)



# Course Change Request

## New Course Proposal

Date Submitted: 06/29/23 1:04 pm

Viewing: **ISAP 4909 : Translational Approach to Indigenous Community Wellness**

Last edit: 08/04/23 1:47 pm

Changes proposed by: michellesantoanni

Programs referencing this course [Interdisciplinary Science and Practice B.Sc. Honours](#)

### In Workflow

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

### Approval Path

- 1. 06/12/23 6:38 am  
Steven Cooke (stevencooke): Approved for IEIS ChairDir UG
- 2. 06/28/23 12:01 pm  
Julia Wallace (juliawallace): Rollback to Initiator
- 3. 08/30/23 6:05 pm  
Steven Cooke (stevencooke): Approved for IEIS ChairDir UG
- 4. 10/13/23 1:14 pm  
Julia Wallace (juliawallace): Approved for SCI FCC
- 5. 11/07/23 2:00 pm  
Julia Wallace (juliawallace): Approved for SCI FBoard

Effective Date	2024-25
Workflow	majormod
New Resources	No New Resources
Level	Undergraduate
Course Code	ISAP
Course Number	4909

Title	Translational Approach to Indigenous Community Wellness
Title (short)	Indg Comm Wellness
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Credit Value	1.0
Special/Selected Topics	Not Applicable
Significant Experiential Learning	Industry/Community Research Projects
Course Description	This course involves co-developing an Indigenous community-led process or product that addresses a current and specific mental health issue. Involves working in interdisciplinary groups with a community partner.
Prerequisite(s)	Fourth-year standing with a minimum Major CGPA of 10.0 in the Interdisciplinary Science and Practice (ISAP) Honours program and permission of the instructor.
Class Format	Seminars or workshops three hours a week. A field trip to the partner community is typically required.
Precluded Courses	ISAP 4906, ISAP 4907, ISAP 4908.
Also listed as	ENSC 4909, NEUR 4906
Piggybacked Courses	
Grade Mode	Standard Letter Grade
Schedule Type	*Capstone  *May constitute a major modification under Carleton's IQAP. Please consult <a href="https://carleton.ca/viceprovost/major-minor-modifications/">https://carleton.ca/viceprovost/major-minor-modifications/</a> for more details.
Unpaid Placement	No
Summary	No new resources will be required. We already have the personnel and infrastructure in place.
Rationale for new course	We want to cross-list to broaden the types of students that enrol in the course. The course is currently offered through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.
Course reviewer comments	<b>juliawallace (06/28/23 12:01 pm)</b> : Rollback: by request <b>nataliephelan (08/04/23 1:13 pm)</b> : Changed to major mod - new capstone.

Key: 10724

[Preview Bridge](#)

# Program Change Request

Date Submitted: 09/25/23 12:54 pm

Viewing: **HBS-94 : Environmental Science B.Sc. Honours**

Last approved: 04/18/23 3:32 pm

Last edit: 09/25/23 12:54 pm

Last modified by: michellesantoianni

Changes proposed by: michellesantoianni

## In Workflow

1. IEIS 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. 09/25/23 12:36 pm  
Michelle Santoianni  
(michellesantoianni):  
Rollback to Initiator
2. 09/25/23 1:00 pm  
Steven Cooke  
(stevencooke): Approved  
for IEIS ChairDir UG
3. 10/13/23 2:28 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI Dean
4. 11/07/23 1:40 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
5. 11/07/23 1:59 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard

## History

1. Mar 21, 2014 by sandra
2. Mar 5, 2015 by sandra
3. Mar 8, 2017 by Michelle  
Santoianni  
(michellesantoianni)
4. Apr 7, 2017 by Sandra  
Bauer (sandrabauer)

- 5. Jun 7, 2017 by Sandra Bauer (sandrabauer)
- 6. Jun 7, 2017 by Sandra Bauer (sandrabauer)
- 7. Feb 21, 2018 by Mike Labreque (mikelabreque)
- 8. Apr 26, 2021 by Michelle Santoianni (michellesantoianni)
- 9. Apr 18, 2023 by Michelle Santoianni (michellesantoianni)

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

Effective Date	2024-25
Workflow	majormod
Program Code	HBS-94
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science Honours
Title	Environmental Science B.Sc. Honours

## Program Requirements

### Environmental Science B.Sc. Honours (20.0 credits)

A. Credits Included in the Major CGPA (11.5 credits)

- |   |                       |
|---|-----------------------|
| <p><b>1. 3.0 credits in:</b></p> <ul style="list-style-type: none"> <li><a href="#">ENSC 1500</a> [0.5] Environmental Science Seminar</li> <li><a href="#">ENSC 2000</a> [0.5] Environmental Science Field Methods</li> <li><a href="#">ENSC 2001</a> [0.5] Earth Resources and Natural Hazards: Environmental Impacts</li> <li><a href="#">ENSC 2002</a> [0.5] Methods and Analysis in Environmental Science</li> <li><a href="#">ENSC 3000</a> [0.5] Environmental Science and Management: Theory and Practice</li> <li><a href="#">ENSC 3509</a> [0.5] Group Research in Environmental Science</li> </ul> <p><b>2. 1.0 credit from:</b></p> <ul style="list-style-type: none"> <li><a href="#">ENSC 4906</a> [1.0] Honours Research Project</li> </ul> <p>or</p> <ul style="list-style-type: none"> <li><a href="#">ENSC 4909</a> [0.0] <a href="#">Translational Approach to Indigenous Community Wellness</a></li> </ul> <p>or</p> | <p>3.0</p> <p>1.0</p> |
|---|-----------------------|

<a href="#">ENSC 4901</a> [0.5] Directed Projects (and [0.5] credit Science faculty elective or science continuation at the 4000 level)	
<b>3. 2.0 credits in:</b>	2.0
<a href="#">BIOL 2600</a> [0.5] Ecology	
<a href="#">CHEM 2302</a> [0.5] Analytical Chemistry I	
<a href="#">CHEM 2800</a> [0.5] Foundations for Environmental Chemistry	
<a href="#">GEOG 2013</a> [0.5] Weather and Water	
<b>4. 1.0 credit from:</b>	1.0
<a href="#">GEOG 3102</a> [0.5] Geomorphology	
<a href="#">GEOG 3103</a> [0.5] Watershed Hydrology	
<a href="#">GEOG 3104</a> [0.5] Principles of Biogeography	
<a href="#">GEOG 3105</a> [0.5] Climate and Atmospheric Change	
<a href="#">GEOG 3106</a> [0.5] Aquatic Science and Management	
<a href="#">GEOG 3108</a> [0.5] Soil Properties	
<b>5. 1.0 credit from:</b>	1.0
<a href="#">ERTH 2312</a> [0.5] Paleontology	
<a href="#">ERTH 2314</a> [0.5] Sedimentation and Stratigraphy	
<a href="#">ERTH 2402</a> [0.5] Climate Change: An Earth Sciences Perspective	
<a href="#">ERTH 2403</a> [0.5] Introduction to Oceanography	
<a href="#">ERTH 3113</a> [0.5] Geology of Human Origins	
<a href="#">ERTH 3205</a> [0.5] Physical Hydrogeology	
<a href="#">ERTH 3206</a> [0.5] Sedimentary Depositional Systems	
<b>6. 0.5 credit from:</b>	0.5
<a href="#">BIOL 2201</a> [0.5] Cell Biology and Biochemistry	
<a href="#">BIOL 2107</a> [0.5] Fundamentals of Genetics	
<b>7. 1.0 credit from</b> Science Faculty Electives or Science Continuation Courses at the 4000 level	1.0
<b>8. 2.0 credits from</b> Science Faculty Electives or Science Continuation Courses	2.0
B. Credits Not Included in the Major CGPA (8.5 credits)	
<b>9. 1.0 credit in:</b>	1.0
<a href="#">MATH 1007</a> [0.5] Elementary Calculus I	
<a href="#">STAT 2507</a> [0.5] Introduction to Statistical Modeling I	
<b>10. 2.5 credits in:</b>	2.5
<a href="#">BIOL 1103</a> [0.5] Foundations of Biology I	
<a href="#">BIOL 1104</a> [0.5] Foundations of Biology II	
<a href="#">CHEM 1001</a> [0.5] General Chemistry I	
<a href="#">CHEM 1002</a> [0.5] General Chemistry II	
<a href="#">ERTH 1006</a> [0.5] Exploring Planet Earth	
<b>11. 0.5 credit in:</b>	0.5
<a href="#">PHIL 2380</a> [0.5] Introduction to Environmental Ethics	
<b>12. 1.5 credits in</b> approved courses outside the faculties of Science and Engineering and Design (may include <a href="#">NSCI 1000</a> )	1.5
<b>13. 3.0 credits in</b> free electives.	3.0
Total Credits	20.0

New Resources                      No New Resources

Summary                                Adding ENSC 4909 course option to program

Rationale for change                Adding the new course to the list of option in the program requirements. We want to cross-list to broaden the types of students that enroll in the course. The course is currently offered

through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.

Transition/Implementation No impact on students.

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Program reviewer  
comments

**michellesantoiani (09/25/23 12:36 pm):** Rollback: needs correction

Key: 530

# Program Change Request

Date Submitted: 09/25/23 1:38 pm

Viewing: **HBS-6U : Environmental Science with Concentration in Chemistry B.Sc. Honours**

Last approved: 04/18/23 3:33 pm

Last edit: 12/01/23 10:18 am

Last modified by: nataliephelan

Changes proposed by: michellesantoianni

## In Workflow

1. IEIS 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. 09/25/23 5:37 pm  
Steven Cooke  
(stevencooke): Approved  
for IEIS ChairDir UG
2. 10/13/23 2:28 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI Dean
3. 11/07/23 1:40 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
4. 11/07/23 1:59 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard

## History

1. Mar 21, 2014 by sandra
2. Mar 5, 2015 by sandra
3. Mar 8, 2017 by Michelle  
Santoianni  
(michellesantoianni)
4. Apr 7, 2017 by Sandra  
Bauer (sandrabauer)
5. Jun 7, 2017 by Sandra  
Bauer (sandrabauer)
6. Feb 7, 2020 by Michelle  
Santoianni  
(michellesantoianni)

7. Apr 26, 2021 by Michelle Santoianni (michellesantoianni)  
8. Apr 18, 2023 by Michelle Santoianni (michellesantoianni)

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

Effective Date	2024-25
Workflow	majormod
Program Code	HBS-6U
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science Honours
Title	Environmental Science with Concentration in Chemistry B.Sc. Honours

## Program Requirements

### Environmental Science with Concentration in Chemistry B.Sc. Honours (20.0 credits)

A. Credits Included in the Major CGPA (13 credits)

- |                                 |   |     |
|---------------------------------|---|-----|
| <b>1. 3.0 credits in:</b>       |   | 3.0 |
| <a href="#">ENSC 1500</a> [0.5] | Environmental Science Seminar   |     |
| <a href="#">ENSC 2000</a> [0.5] | Environmental Science Field Methods   |     |
| <a href="#">ENSC 2001</a> [0.5] | Earth Resources and Natural Hazards: Environmental Impacts                          |     |
| <a href="#">ENSC 2002</a> [0.5] | Methods and Analysis in Environmental Science                                       |     |
| <a href="#">ENSC 3000</a> [0.5] | Environmental Science and Management: Theory and Practice                           |     |
| <a href="#">ENSC 3509</a> [0.5] | Group Research in Environmental Science   |     |
| <b>2. 1.0 credit from:</b>      |   | 1.0 |
| <a href="#">ENSC 4906</a> [1.0] | Honours Research Project  |     |
| or                              |   |     |
| <a href="#">ENSC 4909</a> [0.0] | <a href="#">Translational Approach to Indigenous Community Wellness</a>             |     |
| or                              |   |     |
| <a href="#">ENSC 4901</a> [0.5] | and a 0.5 credit Science faculty elective or science continuation at the 4000-level |     |
| <b>3. 2.0 credit in:</b>        |   | 2.0 |
| <a href="#">BIOL 2600</a> [0.5] | Ecology   |     |
| <a href="#">CHEM 2302</a> [0.5] | Analytical Chemistry I  |     |
| <a href="#">CHEM 2800</a> [0.5] | Foundations for Environmental Chemistry   |     |



	<a href="#">GEOG 2013</a> [0.5]	Weather and Water	
<b>4. 1.0 credit from:</b>			<b>1.0</b>
	<a href="#">GEOG 3102</a> [0.5]	Geomorphology	
	<a href="#">GEOG 3103</a> [0.5]	Watershed Hydrology	
	<a href="#">GEOG 3104</a> [0.5]	Principles of Biogeography	
	<a href="#">GEOG 3105</a> [0.5]	Climate and Atmospheric Change	
	<a href="#">GEOG 3106</a> [0.5]	Aquatic Science and Management	
	<a href="#">GEOG 3108</a> [0.5]	Soil Properties	
<b>5. 0.5 credit from:</b>			<b>0.5</b>
	<a href="#">ERTH 2312</a> [0.5]	Paleontology	
	<a href="#">ERTH 2314</a> [0.5]	Sedimentation and Stratigraphy	
	<a href="#">ERTH 2402</a> [0.5]	Climate Change: An Earth Sciences Perspective	
	<a href="#">ERTH 2403</a> [0.5]	Introduction to Oceanography	
	<a href="#">ERTH 3113</a> [0.5]	Geology of Human Origins	
	<a href="#">ERTH 3205</a> [0.5]	Physical Hydrogeology	
	<a href="#">ERTH 3206</a> [0.5]	Sedimentary Depositional Systems	
<b>6. 0.5 credit from:</b>			<b>0.5</b>
	<a href="#">BIOL 2107</a> [0.5]	Fundamentals of Genetics	
	<a href="#">BIOL 2201</a> [0.5]	Cell Biology and Biochemistry	
<b>7. 3.0 credits in:</b>			<b>3.0</b>
	<a href="#">CHEM 2203</a> [0.5]	Organic Chemistry I	
	<a href="#">CHEM 2204</a> [0.5]	Organic Chemistry II	
	<a href="#">CHEM 2303</a> [0.5]	Analytical Chemistry II	
	<a href="#">CHEM 2501</a> [0.5]	Introduction to Inorganic and Bioinorganic Chemistry	
	<a href="#">CHEM 3305</a> [0.5]	Advanced Analytical Chemistry Laboratory	
	<a href="#">CHEM 3800</a> [0.5]	The Chemistry of Environmental Pollutants	
<b>8. 1.5 credits in:</b>			<b>1.5</b>
	Organic focus:		
	<a href="#">CHEM 3201</a> [0.5]	Advanced Organic Chemistry I	
	<a href="#">CHEM 3202</a> [0.5]	Advanced Organic Chemistry II	
	<a href="#">CHEM 3205</a> [0.5]	Experimental Organic Chemistry	
	or		
	Inorganic focus:		
	i) 1.0 credit in:		
	<a href="#">CHEM 3503</a> [0.5]	Inorganic Chemistry I	
	<a href="#">CHEM 3504</a> [0.5]	Inorganic Chemistry II	
	ii) 0.5 credit in CHEM at the 4000-level		
<b>9. 0.5 credit in:</b>			<b>0.5</b>
	<a href="#">CHEM 4800</a> [0.5]	Atmospheric Chemistry	
B. Credits not included in the Major CGPA (7.0 credits)			
<b>10. 1.5 credit in:</b>			<b>1.5</b>
	<a href="#">MATH 1007</a> [0.5]	Elementary Calculus I	
	<a href="#">MATH 1107</a> [0.5]	Linear Algebra I	
	<a href="#">STAT 2507</a> [0.5]	Introduction to Statistical Modeling I	
<b>11. 2.5 credits in:</b>			<b>2.5</b>
	<a href="#">BIOL 1103</a> [0.5]	Foundations of Biology I	

<a href="#">BIOL 1104</a> [0.5]	Foundations of Biology II	
<a href="#">CHEM 1001</a> [0.5]	General Chemistry I	
<a href="#">CHEM 1002</a> [0.5]	General Chemistry II	
<a href="#">ERTH 1006</a> [0.5]	Exploring Planet Earth	
<b>12. 0.5 credit in:</b>		0.5
<a href="#">PHIL 2380</a> [0.5]	Introduction to Environmental Ethics	
<b>13. 1.5 credits in</b> approved courses outside the faculties of Science and Engineering and Design (may include <a href="#">NSCI 1000</a> )		1.5
<b>14. 1.0 credit in</b> free elective		1.0
Total Credits		20.0

New Resources No New Resources

Summary Adding ENSC 4909 course option to program

Rationale for change Adding the new course to the list of option in the program requirements. We want to cross-list to broaden the types of students that enroll in the course. The course is currently offered through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.

Transition/Implementation No impact on students.

Program reviewer comments **nataliephelan (12/01/23 10:18 am):** Tidied up punctuation in item 2.

Key: 532

# Program Change Request

Date Submitted: 09/25/23 1:35 pm

Viewing: **HBS-6W1 : Environmental Science with Concentration in Earth Sciences B.Sc. Honours**

Last approved: 04/26/21 10:19 am

Last edit: 09/25/23 2:41 pm

Last modified by: nataliephelan

Changes proposed by: michellesantoanni

## In Workflow

1. IEIS 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. 08/30/23 6:04 pm  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
2. 09/21/23 3:44 pm  
Julia Wallace  
(juliawallace): Rollback to Initiator
3. 09/25/23 5:38 pm  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
4. 10/13/23 2:28 pm  
Julia Wallace  
(juliawallace): Approved for SCI Dean
5. 11/07/23 1:40 pm  
Julia Wallace  
(juliawallace): Approved for SCI FCC
6. 11/07/23 1:59 pm  
Julia Wallace  
(juliawallace): Approved for SCI FBoard

## History

1. Mar 21, 2014 by sandra
2. Mar 21, 2014 by sandra
3. Mar 5, 2015 by sandra

- 4. Mar 8, 2017 by Michelle Santoianni (michellesantoianni)
- 5. Mar 27, 2017 by Sandra Bauer (sandrabauer)
- 6. Apr 7, 2017 by Sandra Bauer (sandrabauer)
- 7. Feb 7, 2020 by Michelle Santoianni (michellesantoianni)
- 8. Apr 26, 2021 by Michelle Santoianni (michellesantoianni)

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

Effective Date	2024-25
Workflow	majormod
Program Code	HBS-6W1
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science Honours
Title	Environmental Science with Concentration in Earth Sciences B.Sc. Honours

## Program Requirements

### Environmental Science with Concentration in Earth Sciences B.Sc. Honours (20.0 credits)

A. Credits Included in the Major CGPA (11.5 credits)

<b>1. 3.0 credits from:</b>		<b>3.0</b>
<a href="#">ENSC 1500</a> [0.5]	Environmental Science Seminar	
<a href="#">ENSC 2000</a> [0.5]	Environmental Science Field Methods	
<a href="#">ENSC 2001</a> [0.5]	Earth Resources and Natural Hazards: Environmental Impacts	
<a href="#">ENSC 2002</a> [0.5]	Methods and Analysis in Environmental Science	
<a href="#">ENSC 3000</a> [0.5]	Environmental Science and Management: Theory and Practice	
<a href="#">ENSC 3509</a> [0.5]	Group Research in Environmental Science	
<b>2. 1.0 credit from:</b>		<b>1.0</b>
<a href="#">ENSC 4906</a> [1.0]	Honours Research Project	
or		
<a href="#">ENSC 4909</a> [0.0]	<b>Translational Approach to Indigenous Community Wellness</b>	

or

ENSC 4901 [0.5] and [0.5] credit Science faculty elective or science continuation at the 4000 level

- 3. 2.0 credits in:** 2.0
- BIOL 2600 [0.5] Ecology
  - CHEM 2800 [0.5] Foundations for Environmental Chemistry
  - GEOG 2013 [0.5] Weather and Water
  - GEOG 3108 [0.5] Soil Properties
- 4. 4.0 credits in:** 4.0
- ERTH 2102 [0.5] Mineralogy to Petrology
  - ERTH 2104 [0.5] Igneous Systems, Geochemistry and Processes
  - ERTH 2314 [0.5] Sedimentation and Stratigraphy
  - ERTH 2406 [0.5] Geology and Map Interpretation
  - ERTH 3003 [0.5] Geochemistry and Geochronology
  - ERTH 3205 [0.5] Physical Hydrogeology
  - ERTH 3405 [0.5] Geophysical Methods
  - ERTH 3806 [0.5] Structural Geology
- 5. 0.5 credit from:** 0.5
- ERTH 3203 [0.5] Sedimentology
  - ERTH 3206 [0.5] Sedimentary Depositional Systems
- 6. 1.0 credit in EARTH at the 4000-level** 1.0
- B. Credits Not Included in the Major CGPA (8.5 credits)
- 7. 1.5 credits in:** 1.5
- MATH 1007 [0.5] Elementary Calculus I
  - MATH 1107 [0.5] Linear Algebra I
  - STAT 2507 [0.5] Introduction to Statistical Modeling I
- 8. 3.0 credits in:** 3.0
- BIOL 1103 [0.5] Foundations of Biology I
  - BIOL 1104 [0.5] Foundations of Biology II
  - CHEM 1001 [0.5] General Chemistry I
  - CHEM 1002 [0.5] General Chemistry II
  - ERTH 1006 [0.5] Exploring Planet Earth
  - PHYS 1007 [0.5] Elementary University Physics I
- 9. 1.5 credits from:** 1.5
- CHEM 2302 [0.5] Analytical Chemistry I
  - ERTH 2402 [0.5] Climate Change: An Earth Sciences Perspective
  - ERTH 2403 [0.5] Introduction to Oceanography
  - ERTH 2802 [0.5] Field Geology I
  - ERTH 2312 [0.5] Paleontology
  - ERTH 3203 [0.5] Sedimentology
  - ERTH 3204 [0.5] Mineral Deposits
  - ERTH 3206 [0.5] Sedimentary Depositional Systems
  - ERTH 3207 [0.5] Metamorphic Petrology and Processes
  - GEOG 3102 [0.5] Geomorphology
  - GEOG 3103 [0.5] Watershed Hydrology
  - GEOG 3104 [0.5] Principles of Biogeography
  - GEOG 3105 [0.5] Climate and Atmospheric Change

<a href="#">GEOG 3106</a> [0.5]	Aquatic Science and Management	
<a href="#">GEOM 3002</a> [0.5]	Introduction to Remote Sensing	
<a href="#">GEOM 3005</a> [0.5]	Geospatial Analysis	
10. 1.5 credits in approved courses outside the faculties of Science and Engineering and Design (may include <a href="#">NSCI 1000</a> ), including:		1.5
<a href="#">PHIL 2380</a> [0.5]	Introduction to Environmental Ethics	
<b>11. 1.0 credit in:</b>		1.0
<a href="#">GEOM 1004</a> [0.5]	Maps, Satellites and the Geospatial Revolution	
<a href="#">GEOM 2008</a> [0.5]	Raster GIS: Pixels and Grids	
Total Credits		20.0

New Resources No New Resources

Summary Changed GEOM 3002 to GEOM 2008.  
Added electives to existing list.  
Removed course no longer offered.  
Adding ENSC 4909 course option to program

Rationale for change -DGES reached out to request change GEOM 3002 to GEOM 2008 to meet the current prerequisite requirements. ENSC students were lacking the GEOM 2008 prerequisite. -GEOM 3002 and GEOM 3005 as elective options to the existing list in item #9 for students who are interested. -Removed ENSC 3906 as this course is no longer offered. -Adding the new course to the list of option in the program requirements. We want to cross-list to broaden the types of students that enroll in the course. The course is currently offered through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.

Transition/Implementation ENSC Advisor will assist students with the course change. Only affects a small number of students in the Earth Sciences concentration.

Program reviewer comments **nataliephelan (08/01/23 2:04 pm):** Changed eff. date to 24-25.  
**juliawallace (09/21/23 3:44 pm):** Rollback: by request

Key: 533

# Program Change Request

Date Submitted: 09/25/23 12:35 pm

Viewing: **HBS-6T2 : Environmental Science with Concentration in Ecology, Biodiversity and Conservation B.Sc. Honours**

Last approved: 04/18/23 3:33 pm

Last edit: 09/25/23 12:35 pm

Last modified by: michellesantoianni

Changes proposed by: michellesantoianni

## In Workflow

1. IEIS 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. 09/25/23 1:00 pm  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
2. 10/13/23 2:28 pm  
Julia Wallace  
(juliawallace): Approved for SCI Dean
3. 11/07/23 1:41 pm  
Julia Wallace  
(juliawallace): Approved for SCI FCC
4. 11/07/23 1:59 pm  
Julia Wallace  
(juliawallace): Approved for SCI FBoard

## History

1. Mar 21, 2014 by sandra
2. Mar 5, 2015 by sandra
3. Mar 8, 2017 by Michelle Santoianni  
(michellesantoianni)
4. Apr 7, 2017 by Sandra Bauer (sandrabauer)
5. Jun 7, 2017 by Sandra Bauer (sandrabauer)
6. Feb 7, 2020 by Michelle Santoianni  
(michellesantoianni)

7. Apr 26, 2021 by Michelle Santoianni (michellesantoianni)  
8. Apr 18, 2023 by Michelle Santoianni (michellesantoianni)

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

Effective Date	2024-25
Workflow	majormod
Program Code	HBS-6T2
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science Honours
Title	Environmental Science with Concentration in Ecology, Biodiversity and Conservation B.Sc. Honours

## Program Requirements

### Environmental Science with Concentration in Ecology, Biodiversity and Conservation B.Sc. Honours (20.0 credits)

#### A. Credits Included in the Major CGPA (12.5 credits)

1. **3.0 credits in:** 3.0
  - [ENSC 1500](#) [0.5] Environmental Science Seminar
  - [ENSC 2000](#) [0.5] Environmental Science Field Methods
  - [ENSC 2001](#) [0.5] Earth Resources and Natural Hazards: Environmental Impacts
  - [ENSC 2002](#) [0.5] Methods and Analysis in Environmental Science
  - [ENSC 3000](#) [0.5] Environmental Science and Management: Theory and Practice
  - [ENSC 3509](#) [0.5] Group Research in Environmental Science
2. **1.0 credit from:** 1.0
  - [ENSC 4906](#) [1.0] Honours Research Project
  - or
  - [ENSC 4909](#) [0.0] **Translational Approach to Indigenous Community Wellness**
  - or
  - [ENSC 4901](#) [0.5] and [0.5] credit Science faculty elective or science continuation at the 4000 level
3. **2.0 credit in:** 2.0
  - [BIOL 2600](#) [0.5] Ecology
  - [CHEM 2302](#) [0.5] Analytical Chemistry I
  - [CHEM 2800](#) [0.5] Foundations for Environmental Chemistry



	<a href="#">GEOG 2013</a> [0.5]	Weather and Water	
<b>4. 1.0 credit from:</b>			<b>1.0</b>
	<a href="#">GEOG 3102</a> [0.5]	Geomorphology	
	<a href="#">GEOG 3103</a> [0.5]	Watershed Hydrology	
	<a href="#">GEOG 3104</a> [0.5]	Principles of Biogeography	
	<a href="#">GEOG 3105</a> [0.5]	Climate and Atmospheric Change	
	<a href="#">GEOG 3106</a> [0.5]	Aquatic Science and Management	
	<a href="#">GEOG 3108</a> [0.5]	Soil Properties	
<b>5. 1.0 credit from:</b>			<b>1.0</b>
	<a href="#">ERTH 2312</a> [0.5]	Paleontology	
	<a href="#">ERTH 2314</a> [0.5]	Sedimentation and Stratigraphy	
	<a href="#">ERTH 2402</a> [0.5]	Climate Change: An Earth Sciences Perspective	
	<a href="#">ERTH 2403</a> [0.5]	Introduction to Oceanography	
	<a href="#">ERTH 3113</a> [0.5]	Geology of Human Origins	
	<a href="#">ERTH 3205</a> [0.5]	Physical Hydrogeology	
	<a href="#">ERTH 3206</a> [0.5]	Sedimentary Depositional Systems	
<b>6. 0.5 credit from</b>	Science faculty elective or science continuation at the 4000 level		<b>0.5</b>
<b>7. 4.0 credits in:</b>			<b>4.0</b>
a. 1.5 credit in:			
	<a href="#">BIOL 2001</a> [0.5]	Animals: Form and Function	
	<a href="#">BIOL 2002</a> [0.5]	Plants: Form and Function	
	<a href="#">BIOL 2201</a> [0.5]	Cell Biology and Biochemistry	
b. 0.5 credit from:			
	<a href="#">BIOL 2303</a> [0.5]	Microbiology	
	<a href="#">BIOL 3004</a> [0.5]	Insect Diversity	
	<a href="#">BIOL 3102</a> [0.5]	Mycology	
c. 2.0 credits in a focus:			
Ecology focus:			
i) 0.5 credit in:			
	<a href="#">BIOL 3604</a> [0.5]	Statistics for Biologists	
ii) 1.0 credit from:			
	<a href="#">BIOL 3601</a> [0.5]	Ecosystems and Environmental Change	
	<a href="#">BIOL 3602</a> [0.5]	Conservation Biology	
	<a href="#">BIOL 3605</a> [0.5]	Field Course I	
	<a href="#">BIOL 3606</a> [0.5]	Field Course II	
iii) 0.5 credit BIOL at the 4000-level			
or			
Microbiology/genetics focus:			
i) 1.0 credit from:			
	<a href="#">BIOL 3104</a> [0.5]	Molecular Genetics	
	<a href="#">BIOL 4103</a> [0.5]	Population Genetics	
ii) 0.5 credit from:			
	<a href="#">BIOL 2303</a> [0.5]	Microbiology	
	<a href="#">BIOL 3102</a> [0.5]	Mycology	
	<a href="#">BIOL 3303</a> [0.5]	Experimental Microbiology	
iii) 0.5 credit BIOL at the 4000-level			

## B. Credits Not Included in the Major CGPA (7.5 credits)

<b>8. 1.0 credit in:</b>		1.0
<a href="#">MATH 1007</a> [0.5]	Elementary Calculus I	
<a href="#">STAT 2507</a> [0.5]	Introduction to Statistical Modeling I	
<b>9. 2.5 credits in:</b>		2.5
<a href="#">BIOL 1103</a> [0.5]	Foundations of Biology I	
<a href="#">BIOL 1104</a> [0.5]	Foundations of Biology II	
<a href="#">CHEM 1001</a> [0.5]	General Chemistry I	
<a href="#">CHEM 1002</a> [0.5]	General Chemistry II	
<a href="#">ERTH 1006</a> [0.5]	Exploring Planet Earth	
<b>10. 0.5 credit in:</b>		0.5
<a href="#">PHIL 2380</a> [0.5]	Introduction to Environmental Ethics	
<b>11. 0.5 credit from:</b>		0.5
<a href="#">BIOL 2107</a> [0.5]	Fundamentals of Genetics	
<b>12. 1.5 credits in</b> approved courses outside the faculties of Science and Engineering and Design (may include <a href="#">NSCI 1000</a> )		1.5
<b>13. 1.5 credit in</b> free electives.		1.5
Total Credits		20.0

New Resources No New Resources

Summary Adding ENSC 4909 course option to program

Rationale for change Adding the new course to the list of option in the program requirements. We want to cross-list to broaden the types of students that enroll in the course. The course is currently offered through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.

Transition/Implementation No impact on students.

Program reviewer comments

Key: 531

# Program Change Request

Date Submitted: 09/25/23 2:04 pm

Viewing: **HBS-6V : Environmental Science with Concentration in Geomatics B.Sc. Honours**

Last approved: 04/18/23 3:33 pm

Last edit: 09/25/23 2:04 pm

Last modified by: michellesantoianni

Changes proposed by: michellesantoianni

## In Workflow

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

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

Effective Date	2024-25
Workflow	majormod
Program Code	HBS-6V
Level	Undergraduate
Faculty	Faculty of Science Faculty of Arts and Social Sciences
Academic Unit	Institute for Environmental and Interdisciplinary Sciences Department of Geography and Environmental Studies
Degree	Bachelor of Science Honours
Title	Environmental Science with Concentration in Geomatics B.Sc. Honours

## Program Requirements

### Environmental Science with Concentration in Geomatics B.Sc. Honours (20.0 credits)

A. Credits Included in the Major CGPA (13.0 credits)

1. **3.0 credits in:**

<a href="#">ENSC 1500</a> [0.5]	Environmental Science Seminar
---------------------------------	-------------------------------

3.0

## Approval Path

1. 10/25/23 1:35 pm  
Scott Mitchell  
(scottmitchell): Approved  
for GEOG ChairDir UG
2. 10/28/23 11:10 am  
Steven Cooke  
(stevencooke): Approved  
for IEIS ChairDir UG
3. 11/02/23 8:08 pm  
Pascal Gin (pascalgin):  
Approved for AS Dean
4. 11/07/23 2:08 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI Dean
5. 11/23/23 3:49 pm  
Pascal Gin (pascalgin):  
Approved for AS FCC
6. 12/18/23 1:57 pm  
Pascal Gin (pascalgin):  
Approved for AS FBoard
7. 01/16/24 12:07 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
8. 01/23/24 10:29 am  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard

## History

1. Apr 28, 2021 by Michelle  
Santoianni  
(michellesantoianni)
2. Apr 18, 2023 by Michelle  
Santoianni  
(michellesantoianni)

<a href="#">ENSC 2000</a> [0.5]	Environmental Science Field Methods
<a href="#">ENSC 2001</a> [0.5]	Earth Resources and Natural Hazards: Environmental Impacts
<a href="#">ENSC 2002</a> [0.5]	Methods and Analysis in Environmental Science
<a href="#">ENSC 3000</a> [0.5]	Environmental Science and Management: Theory and Practice
<a href="#">ENSC 3509</a> [0.5]	Group Research in Environmental Science

### 2. 1.0 credit from:

<a href="#">ENSC 4906</a> [1.0]	Honours Research Project	1.0
or		
<a href="#">ENSC 4909</a> [0.0]	<a href="#">Translational Approach to Indigenous Community Wellness</a>	
or		

<a href="#">ENSC 4901</a> [0.5]	Directed Projects	
or		
<a href="#">GEOM 4005</a> [0.5]	Directed Studies in Geomatics	
and 0.5 credit 4000-level Approved Science for Environmental Science		
<b>3. 2.0 credit in:</b>		2.0
<a href="#">BIOL 2600</a> [0.5]	Ecology	
<a href="#">CHEM 2302</a> [0.5]	Analytical Chemistry I	
<a href="#">CHEM 2800</a> [0.5]	Foundations for Environmental Chemistry	
<a href="#">GEOG 2013</a> [0.5]	Weather and Water	
<b>4. 1.0 credit from:</b>		1.0
<a href="#">GEOG 3102</a> [0.5]	Geomorphology	
<a href="#">GEOG 3103</a> [0.5]	Watershed Hydrology	
<a href="#">GEOG 3104</a> [0.5]	Principles of Biogeography	
<a href="#">GEOG 3105</a> [0.5]	Climate and Atmospheric Change	
<a href="#">GEOG 3106</a> [0.5]	Aquatic Science and Management	
<a href="#">GEOG 3108</a> [0.5]	Soil Properties	
<b>5. 1.0 credit from:</b>		1.0
<a href="#">ERTH 2312</a> [0.5]	Paleontology	
<a href="#">ERTH 2314</a> [0.5]	Sedimentation and Stratigraphy	
<a href="#">ERTH 2402</a> [0.5]	Climate Change: An Earth Sciences Perspective	
<a href="#">ERTH 2403</a> [0.5]	Introduction to Oceanography	
<a href="#">ERTH 3113</a> [0.5]	Geology of Human Origins	
<a href="#">ERTH 3205</a> [0.5]	Physical Hydrogeology	
<a href="#">ERTH 3206</a> [0.5]	Sedimentary Depositional Systems	
<b>6. 3.5 credits in:</b>		3.5
<a href="#">GEOM 1004</a> [0.5]	Maps, Satellites and the Geospatial Revolution	
<a href="#">GEOM 2005</a> [0.5]	Introduction to Geospatial Programming	
<a href="#">GEOM 2007</a> [0.5]	Vector GIS: Points, Lines and Polygons	
<a href="#">GEOM 2008</a> [0.5]	Raster GIS: Pixels and Grids	
<a href="#">GEOM 3002</a> [0.5]	Introduction to Remote Sensing	
<a href="#">GEOM 3005</a> [0.5]	Geospatial Analysis	
<a href="#">GEOG 3003</a> [0.5]	Quantitative Geography	
<b>7. 1.5 credits from:</b>		1.5
<a href="#">GEOM 4001</a> [0.5]	Special Topics in Geomatics	
<a href="#">GEOM 4003</a> [0.5]	Remote Sensing of the Environment	
<a href="#">GEOM 4008</a> [0.5]	Advanced Topics in Geographic Information Systems	
<a href="#">GEOM 4009</a> [0.5]	Custom Geomatics Applications	
B. Credits not included in the Major CGPA (7.0 credits)		
<b>8. 1.5 credit in:</b>		1.5
<a href="#">MATH 1007</a> [0.5]	Elementary Calculus I	
<a href="#">MATH 1107</a> [0.5]	Linear Algebra I	
<a href="#">STAT 2507</a> [0.5]	Introduction to Statistical Modeling I	
or <a href="#">GEOG 2006</a> [0.5]	Introduction to Quantitative Research	
<b>9. 2.5 credits in:</b>		2.5
<a href="#">BIOL 1103</a> [0.5]	Foundations of Biology I	
<a href="#">BIOL 1104</a> [0.5]	Foundations of Biology II	

<a href="#">CHEM 1001</a> [0.5]	General Chemistry I	
<a href="#">CHEM 1002</a> [0.5]	General Chemistry II	
<a href="#">ERTH 1006</a> [0.5]	Exploring Planet Earth	
<b>10. 0.5 credit in:</b>		0.5
<a href="#">PHIL 2380</a> [0.5]	Introduction to Environmental Ethics	
<b>11. 0.5 credit from:</b>		0.5
<a href="#">BIOL 2107</a> [0.5]	Fundamentals of Genetics	
<a href="#">BIOL 2201</a> [0.5]	Cell Biology and Biochemistry	
<b>12. 1.5 credits in</b> approved courses outside the faculties of Science and Engineering and Design (may include <a href="#">NSCI 1000</a> )		1.5
<b>13. 0.5 credit in</b> free elective		0.5
Total Credits		20.0

New Resources No New Resources

Summary Adding ENSC 4909 course option to program

Rationale for change Adding the new course to the list of option in the program requirements. We want to cross-list to broaden the types of students that enroll in the course. The course is currently offered through Neuroscience and so the majority of students in the course have a mental health and well-being focus. However, we have had very few students with environmental interests join the course and are looking to increase the number of enrolled students with that perspective. We see cross-listing in ISAP and ENSC (as well as, hopefully, BIOL) as helping us accomplish that given the importance of environmental issues to many Indigenous communities.

Transition/Implementation No impact on students.

Program reviewer comments

Key: 2031

# Program Change Request

Date Submitted: 11/07/23 3:18 pm

Viewing: **HBS-SP : Interdisciplinary Science and Practice B.Sc. Honours**

Last approved: 07/09/20 11:57 am

Last edit: 11/23/23 1:13 pm

Last modified by: nataliephelan

Changes proposed by: michellesantoanni

## In Workflow

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

## Approval Path

1. 06/12/23 6:38 am  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
2. 08/21/23 11:09 am  
Julia Wallace  
(juliawallace): Rollback to Initiator
3. 08/30/23 6:04 pm  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
4. 09/21/23 3:45 pm  
Julia Wallace  
(juliawallace): Rollback to Initiator
5. 11/07/23 3:51 pm  
Steven Cooke  
(stevencooke): Approved for IEIS ChairDir UG
6. 12/05/23 9:12 am  
Julia Wallace  
(juliawallace): Approved for SCI FCC
7. 12/05/23 9:33 am  
Julia Wallace  
(juliawallace): Approved for SCI FBoard

## History

1. Apr 24, 2019 by Michelle Santoianni (michellesantoianni)
2. Jul 9, 2020 by Sarah Cleary (sarahcleary)

Calendar Pages Using this Program [Interdisciplinary Science and Practice](#)

Effective Date	2024-25
Workflow	majormod
Program Code	HBS-SP
Level	Undergraduate
Faculty	Faculty of Science
Academic Unit	Institute for Environmental and Interdisciplinary Sciences
Degree	Bachelor of Science Honours
Title	Interdisciplinary Science and Practice B.Sc. Honours

## Program Requirements

### Interdisciplinary Science and Practice B.Sc. Honours (20.0 credits)

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

<b>1. 4.0 credits in:</b>		4.0
<a href="#">ISAP 1001</a> [0.5]	Introduction to Interdisciplinary Science	
<a href="#">ISAP 1002</a> [0.5]	Seminar in Interdisciplinary Science	
<a href="#">ISAP 2001</a> [0.5]	Foundations in Critical Inquiry	
<a href="#">ISAP 2002</a> [0.5]	Research Principles for Interdisciplinary Science	
<a href="#">ISAP 3001</a> [0.5]	Principles and Applications in Data Analysis	
<a href="#">ISAP 3002</a> [0.5]	Applications in Interdisciplinary Research	
<a href="#">ISAP 3003</a> [0.5]	Science Communication	
<a href="#">ISAP 3004</a> [0.5]	Science Policy	
<b>2. 1.0 credit from:</b>		1.0
<a href="#">ISAP 4906</a> [1.0]	Capstone Course - Group Research Project	
<a href="#">ISAP 4907</a> [1.0]	Capstone Course - Research Essay	
<a href="#">ISAP 4908</a> [1.0]	Capstone Course - Individual Research Project	
<a href="#">ISAP 4909</a> [0.0]	<b>Translational Approach to Indigenous Community Wellness</b>	
<b>3. 1.0 credit in:</b>		1.0
<a href="#">STAT 1500</a> [0.5]	Introduction to Statistical Computing	
<a href="#">STAT 2507</a> [0.5]	Introduction to Statistical Modeling I	



<b>4. 0.5 credit from:</b>		0.5
<a href="#">MATH 1007</a> [0.5]	Elementary Calculus I	
<a href="#">MATH 1107</a> [0.5]	Linear Algebra I	
<b>6. 1.5 credit from</b> the Faculty of Science at the 2000 level or higher		1.5
<b>7. 2.0 credits from</b> the Faculty of Science at the 3000 level or higher		2.0
B. Credits Not Included in the Major CGPA (10.0 credits)		
<b>8. 1.0 credit in:</b>		1.0
<a href="#">ECON 1001</a> [0.5]	Introduction to Microeconomics	
<a href="#">ECON 1002</a> [0.5]	Introduction to Macroeconomics	
<b>9. 2.0 credits in</b> Approved Experimental Science Courses as defined in the Regulations for the Bachelor of Science		2.0
<b>10. 2.0 credits from</b> the Faculty of Science at the 2000 level or higher		2.0
<b>11. 2.0 credit in</b> Approved courses outside the Faculties of Science and Engineering and Design, as defined in the Regulations for the Bachelor of Science. Note: students in the ISAP program may not use <a href="#">NSCI 1000</a> in this category.		2.0
<b>12. 3.0 credits in</b> free electives		3.0
13. Students are required to complete one minor from the Faculty of Science. A second minor (from any faculty, including Science) is encouraged. Students should consult with their academic advisor to ensure compliance with this requirement.		
Total Credits		20.0

New Resources No New Resources

Summary removing COMP 1005, COMP 1006 and STAT 2509; adding STAT 1500 course  
Adding new course ISAP 4909 to list of capstone course options

Rationale for change STAT 1500 course teaches R which better prepares ISAP students for their 3rd year Data courses. Current first year COMP courses not suitable. ISAP students must do a Minor in Science and Minor in COMP has limited enrollment and restrictions. Taking COMP 1005\1006 allows ISAP students to think they can take the Minor in COMP without knowing the minor program regulations. Adding ISAP 4909-new course to the list of fourth year capstone courses available for students.

Transition/Implementation Consulted with Dept of Math and Stats re: enrollment and availability of course. ISAP has a small cohort at this time, course changes will not have impact on students. ISAP Advisor will assist students through program changes.

Program reviewer comments  
**juliawallace (08/21/23 11:09 am):** Rollback: By request  
**juliawallace (09/21/23 3:45 pm):** Rollback: by request  
**nataliephelan (11/23/23 1:13 pm):** Changed to majormod workflow - needs to stay a major mod because ISAP 4909 is a new capstone.

Key: 1811

## MEMORANDUM

**To:** Vice-President's Academic and Research Committee (VPARC) for A1s

**From:** Howard Nemiroff, Dean, Sprott School of Business  
Larry Kostiuk, Dean, Faculty of Engineering and Design

**CC:** Patrice Smith, Dean, Faculty of Graduate and Postdoctoral Affairs  
Daniel Siddiqi, Associate Dean (Programs), Faculty of Graduate and Postdoctoral Affairs  
Tony Bailetti, Academic Director, TIM

**Date:** September 15, 2023

**Subject:** Major Modification to Technology Innovation Management. Governance.

---

### Modification Description

As the TIM program has now formally moved to be wholly within the Sprott banner, this document intends to formalize that structure in terms of governance.

#### Revised Governance:

A TIM Academic Director, appointed by the Dean of the Sprott School of Business, will report directly to the Associate Dean, Student Success and Retention, Graduate Programs, Sprott School of Business.

The administration of the Master of Technology Innovation Management (TIM) program is overseen by the Academic Director of the TIM program and is supported by the TIM Teaching Area Group (TIM TAG). The TIM TAG supports the Sprott School in program delivery, professional and external linkages, student and faculty recruitment, mentoring, among other duties as assigned by the Dean.

The TIM TAG, working closely with Sprott PGP Admissions, is responsible for reviewing applications to the Program and making recommendations on admissions to Sprott PGP Admissions. The TIM TAG is chaired by the TIM Teaching Area Coordinator (TIM TAC), named by the Dean in consultation with the Teaching Area.

The TIM Curriculum Review Committee (CRC) is chaired by the Academic Director of the TIM program and comprised of the faculty members of the TIM TAG. The task of chairing the TIM CRC may be delegated at the discretion of the Director to another member of the TIM CRC. The TIM CRC is responsible for the general direction and development of the TIM program, including program and curriculum development. It is the body that forwards proposals for program and curriculum changes to the Faculty Board of the Sprott School of Business.

**Impact on Other Programs**

This proposal has no effects on any department other than those listed above.

**Resources** (1 page)

This proposal has no effect on current resources. See attached.

## **Appendix A: Governance from most recent Cyclical Program Review Self Study**

### C Governance

The administration of the Master of Technology Innovation Management (TIM) program is overseen by a Program Committee referred to as the TIM Steering Committee.

The TIM Steering Committee is chaired by the Director of the TIM program. The task of chairing the TIM Steering Committee may be delegated at the discretion of the Director to another member of the TIM Steering Committee.

The TIM Steering Committee is comprised of the Dean of the Sprott School of Business, the Dean of the Faculty of Engineering and Design, the Director of the TIM Program, and one other faculty member who is core to the TIM program.

The TIM Steering Committee is responsible for the general direction and development of the TIM program, including program and curriculum development. It is the body that forwards proposals for program and curriculum changes to the Programs and Planning Committee of the Faculty of Graduate and Postdoctoral Affairs. The Committee may delegate detailed work on program and curriculum development to a sub-committee.

The Director of the TIM Program is recommended to the Dean of the Faculty of Graduate and Postdoctoral Affairs by the TIM Steering Committee. The Director of the TIM program is a core faculty member of the TIM program. The Director is responsible for overseeing matters related to the day-to-day management of the program and establishing sub-committees and advisory boards. Decisions on course offerings, teaching assignments and related matters for each academic year rests with the Director of the TIM Program. However, it is open to the TIM Steering Committee and the TIM Admissions Committee to render advice on these matters to the Director of the TIM Program.

A second committee, referred to as the TIM Admissions Committee, works within the general guidelines set by the TIM Steering Committee, and is responsible for reviewing applications to the Program and making recommendations on admissions and funding to the Faculty of Graduate and Postdoctoral Affairs. The TIM Admissions Committee is comprised of all faculty members who are core to the TIM program and is chaired by a faculty member who is core to the TIM program. The Director of the TIM program may decide to chair the TIM Admissions Committee or appoint a faculty member who is core to the TIM program as Chair.

This constellation of bodies and individuals comprises Carleton's Institute for Technology Entrepreneurship and Commercialization (ITEC), which is affiliated with the Faculty of Engineering and Design and the Sprott School of Business

## AGREEMENT

### OF TRANSFERRING TIM (Technology Innovation Management) PROGRAM FINANCIALS AND REPORTING RELATIONSHIP

### FROM FED (Faculty of Engineering and Design) TO SPROTT (Sprott School of Business)

October 17, 2022

(Proposed to be reviewed prior to April 30, 2028)

**BETWEEN:**

The Faculty of Engineering and Design (FED)  
Carleton University

**AND:**

The Sprott School of Business (Sprott)  
Carleton University

In transferring both the TIM financials (Org 2651) and the reporting relationship of the TIM Director and Administrator from FED to Sprott, the following agreement has been made:

- ELBA Transfers:
  - FED will receive its ELBA associated with the degree programs linked to FED (i.e., MEng and MASc) from OIRP
  - FED will transfer TIM related ELBA to Sprott after deducting the Administrator's salary to account for the prior provision of base funding from FED for the position as it was always expecting that the TIM program would cover these costs.
  - To be explicit, no deduction will be made for the faculty positions currently occupied by Michael Weiss (FED) and Stoyan Tanev (Sprott).
  - Sprott will deduct any salary costs paid directly by Sprott from its ELBA that is associated with TIM students, and will then transfer the ELBA (both FED and Sprott) to Org 2651 to follow past precedent set by FED.
- Carry-forward:
  - Each new fiscal year Sprott will transfer the associated carry-forward back to the Org 2651 to follow past precedent set by FED.
- If the TIM program folds or if an incumbent were to leave their position:
  - The TIM Administrator position remains with FED.
  - The faculty position currently held by Stoyan Tanev remains with Sprott.
  - The faculty position currently held by Michael Weiss remains with FED.
  - The faculty position currently held by Tony Bailetti remains 0.5FTE in Sprott and 0.5FTE in FED.



Larry Kostiuk, Dean, Faculty of Engineering and Design

October 17, 2022

Date



Dana Brown, Dean, Sprott School of Business

Oct. 21, 2022

Date

**DATE:** November 16th, 2023

**TO:** Dr. Howard Nemiroff, Interim Dean, Sprott School of Business  
Dr. Larry Kostiuik, Dean, Faculty of Engineering and Design

**FROM:** Dr. David Hornsby, Vice-Provost and Associate Vice-President (Academic)

**CC:** Dr. Pauline Rankin, Provost and Vice-President (Academic)  
Dr. Dwight Deugo, Associate Vice-President (Quality Assurance)  
Dr. Patrice Smith, Dean, Faculty of Graduate and Postdoctoral Affairs  
Dr. Dan Siddiqi, Associate Dean (Programs), Faculty of Graduate and Postdoctoral Affairs  
Dr. Tony Bailetti, Academic Director, TIM  
Tiffany Douglas, Program Officer, New Programs and Major Modifications  
Sandra Bauer, Program Officer, Faculty of Graduate and Postdoctoral Affairs  
Christina Noja, Manager, Office of the Vice-Provost and Associate Vice- President (Academic)

**RE: A1 Major Modifications VPARC Approval: Governance Change to TIM**

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Following the meeting of the Vice-Presidents' Academic and Research Committee (VPARC) on **November 15<sup>th</sup>, 2023**, I am writing to congratulate you on the successful approval of the proposal for the **governance change to the Technology Management Innovation program**.

VPARC has approved the proposal to move forward to the next steps of the academic planning process.

As no additional resources are required, the proposal does not require the Provost's Budget Working Group's (BPWG) approval.

The proposal will be forwarded to faculty boards for information, then reviewed next by the Senate Quality Assurance and Planning Committee (SQAPC) and by the Senate Academic Governance Committee (SAGC), then by Senate and the Board of Governors. Should you have any questions or concerns, please do not hesitate to contact Tiffany Douglas, Program Officer: [tiffany.douglas@carleton.ca](mailto:tiffany.douglas@carleton.ca). She will keep you updated on the status of this modification.

Please do not hesitate to contact me should you have any questions or concerns.

Sincerely,



Professor David J Hornsby, BA (Hons), MA, PhD (Cantab)  
Vice-Provost and Associate Vice-President (Academic)  
Professor of International Affairs

**Office of the Vice-Provost &  
Associate Vice-President  
(Academic)**

4<sup>th</sup> Floor, Dunton Tower  
1125 Colonel By Drive  
Ottawa, ON K1S 5B6 Canada

T (613) 520-4027  
[david.hornsby@carleton.ca](mailto:david.hornsby@carleton.ca)  
[www.carleton.ca/viceprovost](http://www.carleton.ca/viceprovost)

A deleted record cannot be edited

## Program Delete Proposal

Date Submitted: 06/19/23 3:12 pm

Viewing: **HBA-22B : B.A. Honours in Linguistics with a Concentration in Linguistic Theory**

Last approved: 03/19/19 10:39 am

Last edit: 09/15/23 9:18 am

Last modified by: nataliephelan

[Changes proposed by: danielsiddiqi](#)

### In Workflow

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

### Approval Path

1. 06/19/23 4:02 pm  
Natalie Phelan  
(nataliephelan):  
Approved for CalEditor
2. 08/30/23 10:20 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
3. 09/13/23 9:08 am  
Pascal Gin (pascalgin):  
Approved for AS Dean
4. 10/03/23 8:57 am  
Sarah Mohammed  
(sarahmohammed):  
Approved for AS FCC
5. 11/01/23 4:40 pm  
Pascal Gin (pascalgin):  
Approved for AS FBoard
6. 02/01/24 1:28 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

### History

1. Mar 19, 2019 by Tracey Wright (traceywright)

Calendar Pages Using this Program [Linguistics \(Bachelor of Arts\)](#)  
[Linguistics](#)

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Effective Date	2025-26
Workflow	majormod
Program Code	HBA-22B
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Arts Honours
Title	B.A. Honours in Linguistics with a Concentration in Linguistic Theory

## Program Requirements

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### B.A. Honours in Linguistics with a Concentration in Linguistic Theory (20.0 credits)

A. Credits Included in the Major CGPA (9.5 credits)

- |  |  |     |
|--|--|-----|
| <b>1. 1.0 credit in:</b>   |  | 1.0 |
| <a href="#">ALDS 1001</a> [0.5]                                    | Language Matters: Introduction to ALDS |     |
| <a href="#">LING 1001</a> [0.5]                                    | Introduction to Linguistics I          |     |
| <b>2. 1.0 credit in:</b>   |  | 1.0 |
| <a href="#">LING 2005</a> [0.5]                                    | Linguistic Analysis                    |     |
| <a href="#">LING 2007</a> [0.5]                                    | Phonetics                              |     |
| <b>3. 1.0 credit in:</b>   |  | 1.0 |
| <a href="#">LING 3004</a> [0.5]                                    | Syntax I                               |     |
| <a href="#">LING 3007</a> [0.5]                                    | Phonology I                            |     |
| <b>4. 1.0 credit in LING at the 4000 level</b>                     |  | 1.0 |
| <b>5. 2.0 credits in LING, excluding <a href="#">LING 1100</a></b> |  | 2.0 |
| <b>6. 3.5 credits in Degree Concentration:</b>                     |  | 3.5 |
| a. 1.0 credit in:  |  |     |
| <a href="#">LING 3005</a> [0.5]                                    | Morphology I                           |     |
| <a href="#">LING 3505</a> [0.5]                                    | Semantics                              |     |
| b. 1.0 credit from:  |  |     |
| <a href="#">LING 4004</a> [0.5]                                    | Syntax II                              |     |
| <a href="#">LING 4005</a> [0.5]                                    | Morphology II                          |     |
| <a href="#">LING 4007</a> [0.5]                                    | Phonology II                           |     |
| <a href="#">LING 4505</a> [0.5]                                    | Formal Semantics                       |     |
| <a href="#">LING 4510</a> [0.5]                                    | Lexical Semantics                      |     |
| c. 1.5 credits in LING, excluding <a href="#">LING 1100</a>        |  |     |



B. Credits Not Included in the Major CGPA (10.5 credits)

**7. 5.0 credits not in LING or ALDS** 5.0

**8. 3.0 credits not in LING** 3.0

**9. 2.5 credits in free electives** 2.5

C. Additional Requirements

9. School Language Proficiency Requirement must be satisfied.

Total Credits 20.0

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## New Resources

**Summary** Closing Linguistic Theory Concentration. Very close to vanilla BA. Conc has little uptake and is resource intensive.

**Rationale for change** SLaLS is closing all instances of the Linguistic Theory Concentration. The concentration is very close to the vanilla BA, and because of this the concentration has little uptake. Keeping the concentration in place, with its low uptake, is resource intensive, and SLaLS needs to reallocate those resources.

**Transition/Implementation** Students already in the concentration will remain in the concentration until they complete their program. If students have difficulty in satisfying requirement (6), the UG Advisor will assist in finding alternatives.

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**Program reviewer comments** **nataliephelan (09/15/23 9:18 am):** Changed eff. date to 25-26. Confirmed with Admissions that the 24 admission cycle includes references to the concentration, therefore the deletion will be approved during the 24-25 curriculum cycle and implemented for fall 2025 admits.

Key: 1827

Date Submitted: 06/19/23 3:36 pm

Viewing: **HBS-22B1 : Linguistics B.Sc. Honours:  
Psychology Stream ~~Honours in Linguistics~~  
~~with a Concentration in Linguistic Theory~~  
~~(Psychology)~~**

Last approved: 03/19/19 10:49 am

Last edit: 11/23/23 1:15 pm

Last modified by: nataliephelan

[Changes proposed by: danielsiddiqi](#)

## In Workflow

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

## Approval Path

1. 08/30/23 10:21 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
2. 09/19/23 8:57 am  
Julia Wallace  
(juliawallace): Rollback to  
LALS ChairDir UG for SCI  
FCC
3. 09/21/23 11:14 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
4. 12/21/23 3:42 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
5. 01/31/24 12:38 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
6. 02/01/24 1:28 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

## History

1. Mar 19, 2019 by Mike  
Labreque (mikelabreque)

Calendar Pages Using this Program [Linguistics](#)  
[Linguistics \(Bachelor of Science\)](#)

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Effective Date	2025-26
Workflow	majormod
Program Code	HBS-22B1
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Science Honours
Title	<a href="#">Linguistics</a> B.Sc. <a href="#">Honours: Psychology Stream</a> <del>Honours in Linguistics with a Concentration in Linguistic Theory (Psychology)</del>

## Program Requirements

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### [Linguistics](#) [Psychology Stream](#) [B.Sc. Honours \(20.0 credits\)](#)

A. Credits included in the Major CGPA (9.0 credits)

- |   |  |     |
|---|--|-----|
| <b>1. 1.5 credits in:</b>                           |  | 1.5 |
| <a href="#">ALDS 1001</a> [0.5]                     | Language Matters: Introduction to ALDS         |     |
| <a href="#">LING 1001</a> [0.5]                     | Introduction to Linguistics I                  |     |
| <a href="#">LING 1002</a> [0.5]                     | <a href="#">Introduction to Linguistics II</a> |     |
| <b>2. 1.0 credit in:</b>                            |  | 1.0 |
| <a href="#">LING 2005</a> [0.5]                     | Linguistic Analysis                            |     |
| <a href="#">LING 2007</a> [0.5]                     | Phonetics                                      |     |
| <b>3. 1.5 credits from:</b>                         |  | 1.5 |
| <a href="#">LING 3004</a> [0.5]                     | Syntax I                                       |     |
| <a href="#">LING 3005</a> [0.5]                     | Morphology I                                   |     |
| <a href="#">LING 3007</a> [0.5]                     | Phonology I                                    |     |
| <b>4. 1.0 credit in LING at the 4000 level</b>      |  | 1.0 |
| <a href="#">LING 3505</a> [0.5]                     | Semantics                                      |     |
| <b>b. 1.0 credit from:</b>                          |  |     |
| <del><a href="#">LING 4004</a> [0.5]</del>          | <del>Syntax II</del>                           |     |
| <del><a href="#">LING 4005</a> [0.5]</del>          | <del>Morphology II</del>                       |     |
| <del><a href="#">LING 4007</a> [0.5]</del>          | <del>Phonology II</del>                        |     |
| <del><a href="#">LING 4505</a> [0.5]</del>          | <del>Formal Semantics</del>                    |     |
| <del><a href="#">LING 4510</a> [0.5]</del>          | <del>Lexical Semantics</del>                   |     |
| <b>c. 1.5 credits in LING (excluding LING 1100)</b> |  |     |

<b><u>4. 2.0 credits in LING at the 4000-level</u></b>		<u>2.0</u>
<b><u>5. 3.0 credits in LING, excluding LING 1100</u></b>		<u>3.0</u>
B. Credits Not Included in the Major CGPA (11.0 credits)		
<del>7. 3.5 credits in Psychology:</del>		<del>3.5</del>
<b>6. 3.5 credits in Psychology:</b>		3.5
<del>a. 1.0 credit in:</del>		
a. 2.0 credits in:		
<u>PSYC 1001</u> [0.5]	Introduction to Psychology I	
<u>PSYC 1002</u> [0.5]	Introduction to Psychology II	
<u>PSYC 2001</u> [0.5]	Introduction to Research Methods in Psychology	
<u>PSYC 2002</u> [0.5]	Introduction to Statistics in Psychology	
b. 1.5 credits from:		
<u>PSYC 2307</u> [0.5]	Human Neuropsychology I	
<u>PSYC 2700</u> [0.5]	Introduction to Cognitive Psychology	
<u>PSYC 3307</u> [0.5]	Human Neuropsychology II	
<u>PSYC 3506</u> [0.5]	Cognitive Development	
<u>PSYC 3702</u> [0.5]	Perception	
<b><u>7. 1.5 credits in:</u></b>		<u>1.5</u>
<u>BIOL 1103</u> [0.5]	Foundations of Biology I (7. 1.5 credits in:)	
<u>BIOL 1104</u> [0.5]	Foundations of Biology II	
<u>BIOL 3306</u> [0.5]	Human Anatomy and Physiology	
<del>9. 1.0 credit from:</del>		<del>1.0</del>
<b>8. 1.0 credit from:</b>		1.0
<u>CHEM 1001</u> [0.5]	General Chemistry I	
& <u>CHEM 1002</u> [0.5]	General Chemistry II (8. 1.0 credit from:)	
<u>CHEM 1005</u> [0.0]	Course CHEM 1005 Not Found	
& <u>CHEM 1006</u> [0.0]	Course CHEM 1006 Not Found	
<del>10. 1.0 credit in:</del>		<del>1.0</del>
<b>9. 1.0 credit in:</b>		1.0
<u>MATH 1007</u> [0.5]	Elementary Calculus I (9. 1.0 credit in:)	
<u>MATH 1107</u> [0.5]	Linear Algebra I	
<b>10. 4.0 credits in free electives</b>		4.0
C. Additional Requirements		
11. School Language Proficiency Requirement must be satisfied		
Total Credits		20.0

~~B.Sc. Honours in Linguistics with a Concentration in Linguistic Theory (Psychology) (20.0 credits)~~

New Resources	No New Resources
Summary	Closing Linguistic Theory Concentration. Very close to vanilla BA. Creating a vanilla BSC. Conc has little uptake and is resource intensive.
Rationale for change	SLaLS is closing all instances of the Linguistic Theory Concentration. The concentration is very close to the vanilla BA, and because of this the concentration has little uptake. There isn't currently a vanilla BSC; this creates one. Keeping the concentration in place, with its low uptake, is resource intensive, and SLaLS needs to reallocate those resources.
Transition/Implementation	Students already in the concentration will remain in the concentration until they complete their program. If students have difficulty in satisfying requirement (6) (which has been removed), the UG Advisor will assist in finding alternatives.

Program reviewer  
comments

**nataliephelan (08/04/23 10:45 am):** Changed to major mod so all Ling Theory conc deletions stay together.

**nataliephelan (09/15/23 9:26 am):** Changed eff. date to 25-26. Confirmed with Admissions that the 24 admission cycle includes references to the concentration, therefore the deletion will be approved during the 24-25 curriculum cycle and implemented for fall 2025 admits.

**juliawallace (09/19/23 8:57 am):** Rollback: By request

**nataliephelan (09/21/23 10:57 am):** Entered at request of L. Barrow in dept. Add LING 1002 required in item #1, reduced credits in item #5 to balance total for program.

**nataliephelan (11/02/23 4:18 pm):** After meeting with D. Siddiqi, M. Rodgers, J. Wallace, J. Sugar, B. MacLeod, updating the name of the program to better reflect the sister unit's role, and remove the unwanted parentheses.

**nataliephelan (11/06/23 9:46 am):** Approved at FASS FCC on November 1/2023

**nataliephelan (11/23/23 1:15 pm):** Approved at FASS FBoard on November 17.2023.

Key: 1932

Date Submitted: 06/19/23 3:50 pm

Viewing: **HBS-22B2 : Linguistics B.Sc. Honours:  
Neuroscience Stream Honours in  
~~Linguistics with a Concentration in~~  
~~Linguistic Theory (Neuroscience)~~**

Last approved: 03/19/19 10:47 am

Last edit: 11/23/23 1:15 pm

Last modified by: nataliephelan

[Changes proposed by: danielsiddiqi](#)

## In Workflow

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

## Approval Path

1. 08/30/23 10:20 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
2. 09/19/23 8:57 am  
Julia Wallace  
(juliawallace): Rollback to  
LALS ChairDir UG for SCI  
FCC
3. 09/21/23 11:14 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
4. 12/21/23 3:42 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
5. 01/23/24 12:09 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
6. 01/23/24 12:18 pm  
Natalie Phelan  
(nataliephelan): Rollback  
to SCI FBoard for AS FCC
7. 01/31/24 12:38 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
8. 02/01/24 1:28 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

## History

1. Mar 19, 2019 by Mike Labreque (mikelabreque)

Calendar Pages Using this Program [Linguistics](#)  
[Linguistics \(Bachelor of Science\)](#)

Effective Date	2025-26
Workflow	majormod
Program Code	HBS-22B2
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Science Honours
Title	<a href="#">Linguistics</a> B.Sc. <a href="#">Honours: Neuroscience Stream</a> <del>Honours in Linguistics with a Concentration in Linguistic Theory (Neuroscience)</del>

## Program Requirements

### [Linguistics](#) [Neuroscience Stream](#) [B.Sc. Honours \(20.0 credits\)](#)

A. Credits Included in the Major CGPA (9.0 credits)

- |  |  |     |
|--|--|-----|
| <b>1. 1.5 credits in:</b>                      |  | 1.5 |
| <a href="#">ALDS 1001</a> [0.5]                | Language Matters: Introduction to ALDS         |     |
| <a href="#">LING 1001</a> [0.5]                | Introduction to Linguistics I                  |     |
| <a href="#">LING 1002</a> [0.5]                | <a href="#">Introduction to Linguistics II</a> |     |
| <b>2. 1.0 credit in:</b>                       |  | 1.0 |
| <a href="#">LING 2005</a> [0.5]                | Linguistic Analysis                            |     |
| <a href="#">LING 2007</a> [0.5]                | Phonetics                                      |     |
| <b>3. 1.5 credits from:</b>                    |  | 1.5 |
| <a href="#">LING 3004</a> [0.5]                | Syntax I                                       |     |
| <a href="#">LING 3005</a> [0.5]                | Morphology I                                   |     |
| <a href="#">LING 3007</a> [0.5]                | Phonology I                                    |     |
| <b>4. 1.0 credit in LING at the 4000 level</b> |  | 1.0 |
| <a href="#">LING 3505</a> [0.5]                | Semantics                                      |     |
| <b>b. 1.0 credit from:</b>                     |  |     |

- LING-4004 [0.5]                      Syntax II
- LING-4005 [0.5]                      Morphology II
- LING-4007 [0.5]                      Phonology II
- LING-4505 [0.5]                      Formal Semantics
- LING-4510 [0.5]                      Lexical Semantics

c. 1.5 credits in LING, excluding LING-1100

**4. 2.0 credits in LING at the 4000-level** 2.0

**5. 3.0 credits in LING, excluding LING 1100** 3.0

B. Credits not included in the Major CGPA (11.0 credits)

~~7. 3.5 credits in Neuroscience~~ ~~3.5~~

**6. 3.5 credits in Neuroscience:** 3.5

a. 1.0 credit in:

a. 2.0 credits in:

- NEUR 1202 [0.5]                      Neuroscience of Mental Health and Psychiatric Disease
- NEUR 1203 [0.5]                      Neuroscience of Mental Health and Neurological Disease
- NEUR 2001 [0.5]                      Introduction to Research Methods in Neuroscience
- NEUR 2002 [0.5]                      Introduction to Statistics in Neuroscience

b. 1.5 credits from:

- NEUR 2201 [0.5]                      Cellular and Molecular Neuroscience
- NEUR 2202 [0.5]                      Neurodevelopment and Plasticity
- NEUR 3206 [0.5]                      Sensory and Motor Neuroscience
- NEUR 3207 [0.5]                      Systems Neuroscience
- NEUR 3303 [0.5]                      The Neuroscience of Consciousness

**7. 1.5 credits in:** 1.5

- BIOL 1103 [0.5]                      Foundations of Biology I
- BIOL 1104 [0.5]                      Foundations of Biology II
- BIOL 3306 [0.5]                      Human Anatomy and Physiology

~~9. 1.0 credit from:~~ ~~1.0~~

**8. 1.0 credit from:** 1.0

- CHEM 1001 [0.5]                      General Chemistry I
- & CHEM 1002 [0.5]                      General Chemistry II
- CHEM 1005 [0.0]                      Course CHEM 1005 Not Found
- & CHEM 1006 [0.0]                      Course CHEM 1006 Not Found

~~10. 1.0 credit in:~~ ~~1.0~~

**9. 1.0 credit in:** 1.0

- MATH 1007 [0.5]                      Elementary Calculus I
- MATH 1107 [0.5]                      Linear Algebra I

**10. 4.0 credits in free electives** 4.0

C. Additional Requirements

11. School Language Proficiency Requirement must be satisfied

Total Credits 20.0

~~B.Sc. Honours in Linguistics with a Concentration in Linguistic Theory (Neuroscience) (20.0 credits)~~

New Resources                      No New Resources

Summary                      Closing Linguistic Theory Concentration. Very close to vanilla BA. Creating a vanilla BSC. Conc has little uptake and is resource intensive.



Rationale for change	SLaLS is closing all instances of the Linguistic Theory Concentration. The concentration is very close to the vanilla BA, and because of this the concentration has little uptake. There isn't currently a vanilla BSC; this creates one. Keeping the concentration in place, with its low uptake, is resource intensive, and SLaLS needs to reallocate those resources.
Transition/Implementation	Students already in the concentration will remain in the concentration until they complete their program. If students have difficulty in satisfying requirement (6) (which has been removed), the UG Advisor will assist in finding alternatives.

---

Program reviewer comments	<p><b>nataliephelan (08/04/23 10:41 am):</b> Changed to major mod so all of these Ling Theory conc deletions stay together.</p> <p><b>nataliephelan (09/15/23 9:26 am):</b> Changed eff. date to 25-26. Confirmed with Admissions that the 24 admission cycle includes references to the concentration, therefore the deletion will be approved during the 24-25 curriculum cycle and implemented for fall 2025 admits.</p> <p><b>juliawallace (09/19/23 8:57 am):</b> Rollback: By request</p> <p><b>nataliephelan (09/21/23 10:57 am):</b> Entered at request of L. Barrow in dept. Add LING 1002 required in item #1, reduced credits in item #5 to balance total for program.</p> <p><b>nataliephelan (11/02/23 4:16 pm):</b> After meeting with D. Siddiqi, M. Rodgers, J. Wallace, J. Sugar, B. MacLeod, updating the name of the program to better reflect the sister unit's role, and remove the unwanted parentheses.</p> <p><b>nataliephelan (11/06/23 9:45 am):</b> Approved at FASS FCC on November 1/2023</p> <p><b>nataliephelan (11/23/23 1:15 pm):</b> Approved at FASS FBoard on November 17.2023.</p> <p><b>nataliephelan (01/23/24 12:18 pm):</b> Rollback: As requested</p>
---------------------------	---

Key: 1933

Date Submitted: 06/19/23 3:58 pm

Viewing: **HBS-22B3 : Linguistics B.Sc. Honours:  
Computer Science Stream Honours in  
Linguistics with a Concentration in  
Linguistic Theory (Computer Science)**

Last approved: 02/25/21 2:07 pm

Last edit: 11/23/23 1:15 pm

Last modified by: nataliephelan

[Changes proposed by: danielsiddiqi](#)

## In Workflow

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

## Approval Path

1. 08/30/23 10:21 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
2. 09/19/23 8:56 am  
Julia Wallace  
(juliawallace): Rollback to  
LALS ChairDir UG for SCI  
FCC
3. 09/21/23 11:14 am  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
4. 12/21/23 3:42 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
5. 01/31/24 12:38 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
6. 02/01/24 1:29 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

## History

1. Feb 25, 2021 by Tracey  
Wright (traceywright)

Calendar Pages Using this Program [Linguistics \(Bachelor of Science\)](#)

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Effective Date	2025-26
Workflow	majormod
Program Code	HBS-22B3
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Science Honours
Title	<a href="#">Linguistics</a> B.Sc. <a href="#">Honours: Computer Science Stream</a> <del>Honours in Linguistics with a Concentration in Linguistic Theory (Computer Science)</del>

## Program Requirements

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### Linguistics Computer Science Stream B.Sc. Honours (20.0 credits)

A. Credits Included in the Major CGPA (9.0 credits)

<b>1. 1.5 credits in:</b>		1.5
<del>6. 3.5 credits from the Concentration</del>		<del>3.5</del>
a. 1.0 credit in:		
<a href="#">ALDS 1001</a> [0.5]	Language Matters: Introduction to ALDS	
<a href="#">LING 1001</a> [0.5]	Introduction to Linguistics I	
<a href="#">LING 1002</a> [0.5]	<a href="#">Introduction to Linguistics II</a>	
<b>2. 1.0 credit in:</b>		1.0
<a href="#">LING 2005</a> [0.5]	Linguistic Analysis	
<a href="#">LING 2007</a> [0.5]	Phonetics	
<del>3. 1.0 credit in:</del>		<del>1.0</del>
<b>3. 1.5 credits from:</b>		<u>1.5</u>
<a href="#">LING 3004</a> [0.5]	Syntax I	
<a href="#">LING 3005</a> [0.5]	Morphology I	
<a href="#">LING 3007</a> [0.5]	Phonology I	
<del>4. 1.0 credit in LING at the 4000-level</del>		<del>1.0</del>
<a href="#">LING 3505</a> [0.5]	Semantics	
b. 1.0 credit from:		
<a href="#">LING 4004</a> [0.5]	<del>Syntax II</del>	
<a href="#">LING 4005</a> [0.5]	<del>Morphology II</del>	
<a href="#">LING 4007</a> [0.5]	<del>Phonology II</del>	

LING-4505 [0.5] Formal Semantics

LING-4510 [0.5] Lexical Semantics

c. 1.5 credits in LING, excluding LING 1100

**4. 2.0 credits in LING at the 4000-level** 2.0

**5. 3.0 credits in LING, excluding LING 1100** 3.0

B. Credits Not Included in the Major CGPA (11.0 credits)

**6. 4.0 credits in Computer Science Requirements** 4.0

a. 1.5 credits in:

COMP 1005 [0.5] Introduction to Computer Science I

COMP 1006 [0.5] Introduction to Computer Science II

COMP 1805 [0.5] Discrete Structures I

b. 1.5 credits in:

COMP 2401 [0.5] Introduction to Systems Programming

COMP 2402 [0.5] Abstract Data Types and Algorithms

COMP 2404 [0.5] Introduction to Software Engineering

c. 1.0 credit from:

COMP 2406 [0.5] Fundamentals of Web Applications

COMP 2804 [0.5] Discrete Structures II

COMP 3000 [0.5] Operating Systems

COMP 3002 [0.5] Compiler Construction

COMP 3004 [0.5] Object-Oriented Software Engineering

COMP 3005 [0.5] Database Management Systems

COMP 3007 [0.5] Programming Paradigms

COMP 3008 [0.5] Human-Computer Interaction

~~**8. 1.0 credit in:**~~ ~~1.0~~

**7. 1.0 credit in:** 1.0

MATH 1007 [0.5] Elementary Calculus I

MATH 1107 [0.5] Linear Algebra I

**8. 6.0 credits in free electives** 6.0

C. Additional Requirements

9. School Language Proficiency Requirement must be satisfied

10. Bachelor of Science Experimental Science Requirement must be satisfied

Total Credits 20.0

~~B.Sc. Honours in Linguistics with a Concentration in Linguistic Theory (Computer Science) (20.0 credits)~~

New Resources No New Resources

Summary Closing Linguistic Theory Concentration. Very close to vanilla BA. Creating a vanilla BSC. Conc has little uptake and is resource intensive.

Rationale for change SLaLS is closing all instances of the Linguistic Theory Concentration. The concentration is very close to the vanilla BA, and because of this the concentration has little uptake. There isn't currently a vanilla BSC; this creates one. Keeping the concentration in place, with its low uptake, is resource intensive, and SLaLS needs to reallocate those resources.

Transition/Implementation Students already in the concentration will remain in the concentration until they complete their program. If students have difficulty in satisfying requirement (6) (which has been removed), the UG Advisor will assist in finding alternatives.

Program reviewer  
comments

**nataliephelan (08/04/23 10:38 am):** Changed to major mod so all of these Ling Theory conc deletions stay together.

**nataliephelan (09/15/23 9:26 am):** Changed eff. date to 25-26. Confirmed with Admissions that the 24 admission cycle includes references to the concentration, therefore the deletion will be approved during the 24-25 curriculum cycle and implemented for fall 2025 admits.

**juliawallace (09/19/23 8:56 am):** Rollback: By request

**nataliephelan (09/21/23 10:56 am):** Entered at request of L. Barrow in dept. Add LING 1002 required in item #1, reduced credits in item #5 to balance total for program.

**nataliephelan (11/02/23 4:14 pm):** After meeting with D. Siddiqi, M. Rodgers, J. Wallace, J. Sugar, B. MacLeod, updating the name of the program to better reflect the sister unit's role, and remove the unwanted parentheses.

**nataliephelan (11/06/23 9:45 am):** Approved at FASS FCC on November 1/2023

**nataliephelan (11/23/23 1:15 pm):** Approved at FASS FBoard on November 17.2023.

Key: 2000

Date Submitted: 11/08/23 3:04 pm

Viewing: **HBS-22D1 : Linguistics B.Sc. Honours: Psychology Stream, Honours in Linguistics with a Concentration in Psycholinguistics and Communication Differences (Psychology)**

Last approved: 11/08/23 12:58 pm

Last edit: 11/08/23 3:04 pm

Last modified by: nataliephelan

[Changes proposed by: nataliephelan](#)

## In Workflow

1. LALS 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. 11/08/23 4:23 pm  
Michael Rodgers  
(michaelrogers):  
Approved for LALS  
ChairDir UG
2. 01/23/24 12:20 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI Dean
3. 01/23/24 12:22 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
4. 01/31/24 12:38 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
5. 02/01/24 1:31 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

## History

1. Apr 16, 2019 by Mike  
Labreque (mikelabreque)
2. Nov 8, 2023 by Tracey  
Wright (traceywright)

Calendar Pages Using this  
Program

[Linguistics](#)  
[Linguistics \(Bachelor of Science\)](#)

Effective Date	2025-26
Workflow	<u>majormod</u> <del>minormod</del>
Program Code	HBS-22D1
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Science Honours
Title	<u>Linguistics</u> B.Sc. <u>Honours: Psychology Stream</u> , <del>Honours in Linguistics with a</del> Concentration in Psycholinguistics and Communication Differences ( <del>Psychology</del> )

## Program Requirements

### ~~Honours in~~

### ~~B.Sc.~~ Linguistics with a Concentration in Psycholinguistics and Communication Differences Psychology Stream ~~B.Sc. (Psychology) (20.0 credits)~~ Honours (20.0 credits)

#### A. Credits Included in the Major CGPA (9.0 credits)

<b>1. 1.0 credit in:</b>		1.0
<u>ALDS 1001</u> [0.5]	Language Matters: Introduction to ALDS	
<u>LING 1001</u> [0.5]	Introduction to Linguistics I	
<b>2. 1.0 credit in:</b>		1.0
<u>LING 2005</u> [0.5]	Linguistic Analysis	
<u>LING 2007</u> [0.5]	Phonetics	
<b>3. 1.0 credit in:</b>		1.0
<u>LING 3004</u> [0.5]	Syntax I	
<u>LING 3007</u> [0.5]	Phonology I	
<b>4. 1.0 credit in LING at the 4000 level</b>		1.0
<b>5. 1.5 credits in LING, excluding <u>LING 1100</u></b>		1.5
<b>6. 3.5 credits from the Concentration</b>		
a. 0.5 credit in:		0.5
<u>LING 1002</u> [0.5]	Introduction to Linguistics II	
b. 2.0 credits in:		2.0
<u>LING 2604</u> [0.5]	Communication Differences and Disabilities I	
<u>LING 3601</u> [0.5]	Language Processing and the Brain	
<u>LING 3603</u> [0.5]	Child Language	
<u>LING 3604</u> [0.5]	Communication Differences and Disabilities II	
c. 1.0 credit from:		1.0
<u>LING 4601</u> [0.5]	Cognitive Neuroscience of Language	
<u>LING 4603</u> [0.5]	First Language Acquisition	

<a href="#">LING 4605</a> [0.5]	Psycholinguistic Research Methods	
<a href="#">LING 4606</a> [0.5]	Statistics for Language Research	
B. Credits Not Included in the Major CGPA (11.0 credits)		
<b>7. 3.5 credits in Psychology:</b>		<b>3.5</b>
a. 2.0 credits in:		
<a href="#">PSYC 1001</a> [0.5]	Introduction to Psychology I	
<a href="#">PSYC 1002</a> [0.5]	Introduction to Psychology II	
<a href="#">PSYC 2001</a> [0.5]	Introduction to Research Methods in Psychology	
<a href="#">PSYC 2002</a> [0.5]	Introduction to Statistics in Psychology	
b. 1.5 credits from:		
<a href="#">PSYC 2307</a> [0.5]	Human Neuropsychology I	
<a href="#">PSYC 2700</a> [0.5]	Introduction to Cognitive Psychology	
<a href="#">PSYC 3307</a> [0.5]	Human Neuropsychology II	
<a href="#">PSYC 3506</a> [0.5]	Cognitive Development	
<a href="#">PSYC 3702</a> [0.5]	Perception	
<b>8. 1.5 credits in:</b>		<b>1.5</b>
<a href="#">BIOL 1103</a> [0.5]	Foundations of Biology I	
<a href="#">BIOL 1104</a> [0.5]	Foundations of Biology II	
<a href="#">BIOL 3306</a> [0.5]	Human Anatomy and Physiology	
<b>9. 1.0 credit from:</b>		<b>1.0</b>
<a href="#">CHEM 1001</a> [0.5]	General Chemistry I	
& <a href="#">CHEM 1002</a> [0.5]	General Chemistry II	
<a href="#">CHEM 1005</a> [0.0]	Course CHEM 1005 Not Found	
& <a href="#">CHEM 1006</a> [0.0]	Course CHEM 1006 Not Found	
<b>10. 1.0 credit in:</b>		<b>1.0</b>
<a href="#">MATH 1007</a> [0.5]	Elementary Calculus I	
<a href="#">MATH 1107</a> [0.5]	Linear Algebra I	
<b>11. 4.0 credits in free electives</b>		<b>4.0</b>
C. Additional Requirements		
12. School Language Proficiency Requirement must be satisfied		
Total Credits		20.0

New Resources

No New Resources

Summary

Change to the way the program is titled, to use university terminology and remove the parentheses. Better reflects the relationship of the contributing unit (Psych, Neuro, Comp Sci) and will allow the stream to appear on the transcript. No change to the curriculum.

Rationale for change

Transition/Implementation

Program reviewer comments



Date Submitted: 11/08/23 3:05 pm

Viewing: **HBS-22D2 : Linguistics B.Sc. Honours: Neuroscience Stream, Honours in Linguistics with a Concentration in Psycholinguistics and Communication Differences (Neuroscience)**

Last approved: 11/08/23 12:58 pm

Last edit: 11/08/23 3:05 pm

Last modified by: nataliephelan

[Changes proposed by: nataliephelan](#)

## In Workflow

1. LALS 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. 11/08/23 4:23 pm  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
2. 01/23/24 12:20 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI Dean
3. 01/23/24 12:22 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
4. 01/31/24 12:38 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
5. 02/01/24 1:31 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

## History

1. Apr 16, 2019 by Mike  
Labreque (mikelabreque)
2. Nov 8, 2023 by Tracey  
Wright (traceywright)

Calendar Pages Using this  
Program

[Linguistics](#)  
[Linguistics \(Bachelor of Science\)](#)

Effective Date	2025-26
Workflow	<a href="#">majormod</a> <del>minormod</del>
Program Code	HBS-22D2
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Science Honours
Title	<a href="#">Linguistics</a> B.Sc. <a href="#">Honours: Neuroscience Stream</a> <del>Honours in Linguistics with a</del> Concentration in Psycholinguistics and Communication Differences ( <del>Neuroscience</del> )

## Program Requirements

### Honours in

### ~~B.Sc.~~ Linguistics with a Concentration in Psycholinguistics and Communication Differences Neuroscience Stream ~~B.Sc. (Neuroscience) (20.0 credits)~~ Honours (20.0 credits)

#### A. Credits Included in the Major CGPA (9.0 credits)

<b>1. 1.0 credit in:</b>		1.0
<a href="#">ALDS 1001</a> [0.5]	Language Matters: Introduction to ALDS	
<a href="#">LING 1001</a> [0.5]	Introduction to Linguistics I	
<b>2. 1.0 credit in:</b>		1.0
<a href="#">LING 2005</a> [0.5]	Linguistic Analysis	
<a href="#">LING 2007</a> [0.5]	Phonetics	
<b>3. 1.0 credit in:</b>		1.0
<a href="#">LING 3004</a> [0.5]	Syntax I	
<a href="#">LING 3007</a> [0.5]	Phonology I	
<b>4. 1.0 credit in LING at the 4000 level</b>		1.0
<b>5. 1.5 credits in LING, excluding <a href="#">LING 1100</a></b>		1.5
<b>6. 3.5 credits from the Concentration:</b>		
a. 0.5 credit in:		0.5
<a href="#">LING 1002</a> [0.5]	Introduction to Linguistics II	
b. 2.0 credits in:		2.0
<a href="#">LING 2604</a> [0.5]	Communication Differences and Disabilities I	
<a href="#">LING 3601</a> [0.5]	Language Processing and the Brain	
<a href="#">LING 3603</a> [0.5]	Child Language	
<a href="#">LING 3604</a> [0.5]	Communication Differences and Disabilities II	
c. 1.0 credit from:		1.0
<a href="#">LING 4601</a> [0.5]	Cognitive Neuroscience of Language	
<a href="#">LING 4603</a> [0.5]	First Language Acquisition	

[LING 4605](#) [0.5] Psycholinguistic Research Methods

[LING 4606](#) [0.5] Statistics for Language Research

B. Credits Not Included in the Major CGPA (11.0 credits)

**7. 3.5 credits in Neuroscience:** 3.5

a. 2.0 credits in:

[NEUR 1202](#) [0.5] Neuroscience of Mental Health and Psychiatric Disease

[NEUR 1203](#) [0.5] Neuroscience of Mental Health and Neurological Disease

[NEUR 2001](#) [0.5] Introduction to Research Methods in Neuroscience

[NEUR 2002](#) [0.5] Introduction to Statistics in Neuroscience

b. 1.5 credits from:

[NEUR 2201](#) [0.5] Cellular and Molecular Neuroscience

[NEUR 2202](#) [0.5] Neurodevelopment and Plasticity

[NEUR 3206](#) [0.5] Sensory and Motor Neuroscience

[NEUR 3207](#) [0.5] Systems Neuroscience

[NEUR 3303](#) [0.5] The Neuroscience of Consciousness

**8. 1.5 credits in:** 1.5

[BIOL 1103](#) [0.5] Foundations of Biology I

[BIOL 1104](#) [0.5] Foundations of Biology II

[BIOL 3306](#) [0.5] Human Anatomy and Physiology

**9. 1.0 credit from:** 1.0

[CHEM 1001](#) [0.5] General Chemistry I

& [CHEM 1002](#) [0.5] General Chemistry II

[CHEM 1005](#) [0.0] Course CHEM 1005 Not Found

& [CHEM 1006](#) [0.0] Course CHEM 1006 Not Found

**10. 1.0 credit in:** 1.0

[MATH 1007](#) [0.5] Elementary Calculus I

[MATH 1107](#) [0.5] Linear Algebra I

**11. 4.0 credits in free electives** 4.0

C. Additional Requirements

12. School Language Proficiency Requirement must be satisfied

Total Credits 20.0

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New Resources No New Resources

Summary Change to the way the program is titled, to use university terminology and remove the parentheses. Better reflects the relationship of the contributing unit (Psych, Neuro, Comp Sci) and will allow the stream to appear on the transcript. No change to the curriculum.

Rationale for change

Transition/Implementation

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Program reviewer comments

Date Submitted: 11/08/23 3:06 pm

Viewing: **HBS-22D3 : Linguistics B.Sc. Honours: Computer Science Stream, Honours in Linguistics with a Concentration in Psycholinguistics and Communication Differences (Computer Science)**

Last approved: 11/08/23 12:58 pm

Last edit: 11/08/23 3:06 pm

Last modified by: nataliephelan

[Changes proposed by: nataliephelan](#)

## In Workflow

1. LALS 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. 11/08/23 4:23 pm  
Michael Rodgers  
(michaelrodgers):  
Approved for LALS  
ChairDir UG
2. 01/23/24 12:20 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI Dean
3. 01/23/24 12:22 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FCC
4. 01/31/24 12:38 pm  
Julia Wallace  
(juliawallace): Approved  
for SCI FBoard
5. 02/01/24 1:31 pm  
Natalie Phelan  
(nataliephelan):  
Approved for PRE  
SCCASP

## History

1. Feb 25, 2021 by Tracey Wright (traceywright)
2. Nov 8, 2023 by Tracey Wright (traceywright)

Calendar Pages Using this  
Program

[Linguistics \(Bachelor of Science\)](#)

Effective Date	2025-26
Workflow	<u>majormod</u> <del>minormod</del>
Program Code	HBS-22D3
Level	Undergraduate
Faculty	Faculty of Arts and Social Sciences Faculty of Science
Academic Unit	School of Linguistics and Language Studies
Degree	Bachelor of Science Honours
Title	<u>Linguistics</u> B.Sc. <u>Honours: Computer Science Stream</u> , <del>Honours in Linguistics with a</del> Concentration in Psycholinguistics and Communication Differences ( <del>Computer Science</del> )

## Program Requirements

### ~~Honours in~~

### ~~B.Sc.~~ Linguistics with a Concentration in Psycholinguistics and Communication Differences Computer Science Stream B.Sc. Differences (Computer Science) (20.0 credits) Honours (20.0 credits)

#### A. Credits Included in the Major CGPA (9.0 credits)

- |   |   |     |
|---|---|-----|
| <b>1. 1.0 credit in:</b>                                  |   | 1.0 |
| <u>ALDS 1001</u> [0.5]                                    | Language Matters: Introduction to ALDS        |     |
| <u>LING 1001</u> [0.5]                                    | Introduction to Linguistics I                 |     |
| <b>2. 1.0 credit in:</b>                                  |   | 1.0 |
| <u>LING 2005</u> [0.5]                                    | Linguistic Analysis                           |     |
| <u>LING 2007</u> [0.5]                                    | Phonetics                                     |     |
| <b>3. 1.0 credit in:</b>                                  |   | 1.0 |
| <u>LING 3004</u> [0.5]                                    | Syntax I                                      |     |
| <u>LING 3007</u> [0.5]                                    | Phonology I                                   |     |
| <b>4. 1.0 credit in LING at the 4000-level</b>            |   | 1.0 |
| <b>5. 1.5 credits in LING, excluding <u>LING 1100</u></b> |   | 1.5 |
| <b>6. 3.5 credits from the Concentration</b>              |   | 3.5 |
| a. 0.5 credit in:   |   |     |
| <u>LING 1002</u> [0.5]                                    | Introduction to Linguistics II                |     |
| b. 2.0 credits in:  |   |     |
| <u>LING 2604</u> [0.5]                                    | Communication Differences and Disabilities I  |     |
| <u>LING 3601</u> [0.5]                                    | Language Processing and the Brain             |     |
| <u>LING 3603</u> [0.5]                                    | Child Language                                |     |
| <u>LING 3604</u> [0.5]                                    | Communication Differences and Disabilities II |     |
| c. 1.0 credit from:                                       |   |     |
| <u>LING 4601</u> [0.5]                                    | Cognitive Neuroscience of Language            |     |
| <u>LING 4603</u> [0.5]                                    | First Language Acquisition                    |     |

<a href="#">LING 4605</a> [0.5]	Psycholinguistic Research Methods	
<a href="#">LING 4606</a> [0.5]	Statistics for Language Research	
B. Credits Not Included in the Major CGPA (11.0 credits)		
<b>7. 4.0 credits in</b> Computer Science Requirements		4.0
a. 1.5 credits in:		
<a href="#">COMP 1005</a> [0.5]	Introduction to Computer Science I	
<a href="#">COMP 1006</a> [0.5]	Introduction to Computer Science II	
<a href="#">COMP 1805</a> [0.5]	Discrete Structures I	
b. 1.5 credits in:		
<a href="#">COMP 2401</a> [0.5]	Introduction to Systems Programming	
<a href="#">COMP 2402</a> [0.5]	Abstract Data Types and Algorithms	
<a href="#">COMP 2404</a> [0.5]	Introduction to Software Engineering	
c. 1.0 credit from:		
<a href="#">COMP 2406</a> [0.5]	Fundamentals of Web Applications	
<a href="#">COMP 2804</a> [0.5]	Discrete Structures II	
<a href="#">COMP 3000</a> [0.5]	Operating Systems	
<a href="#">COMP 3002</a> [0.5]	Compiler Construction	
<a href="#">COMP 3004</a> [0.5]	Object-Oriented Software Engineering	
<a href="#">COMP 3005</a> [0.5]	Database Management Systems	
<a href="#">COMP 3007</a> [0.5]	Programming Paradigms	
<a href="#">COMP 3008</a> [0.5]	Human-Computer Interaction	
<b>8. 1.0 credit in:</b>		1.0
<a href="#">MATH 1007</a> [0.5]	Elementary Calculus I	
<a href="#">MATH 1107</a> [0.5]	Linear Algebra I	
<b>9. 6.0 credits in</b> free electives		6.0
C. Additional Requirements		
10. School Language Proficiency Requirement must be satisfied		
11. Bachelor of Science Experimental Science Requirement must be satisfied		
Total Credits		20.0

New Resources

No New Resources

Summary

Change to the way the program is titled, to use university terminology and remove the parentheses. Better reflects the relationship of the contributing unit (Psych, Neuro, Comp Sci) and will allow the stream to appear on the transcript. No change to the curriculum.

Rationale for change

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Program reviewer comments