

FOR APPROVAL

PUBLIC

OPEN SESSION

TO: UTSC Academic Affairs Committee

SPONSOR: Prof. Karin Ruhlandt, Vice-Principal Academic and Dean,
CONTACT INFO: vpdean.utsc@utoronto.ca

PRESENTER: See above.
CONTACT INFO:

DATE: March 3, 2026 for March 10, 2026

AGENDA ITEM: 12

ITEM IDENTIFICATION:

Minor Modifications: Undergraduate Curriculum Changes, UTSC

JURISDICTIONAL INFORMATION:

The University of Toronto Scarborough Academic Affairs Committee (AAC) “is concerned with matters affecting the teaching, learning and research functions of the Campus (AAC Terms of Reference, 2021, Section 4).” Under section 5.7 of its Terms of Reference, the Committee “receives annually from its assessors, reports on matters within its areas of responsibility.”

GOVERNANCE PATH:

1. UTSC Academic Affairs Committee (March 10, 2026) (for approval)

PREVIOUS ACTION TAKEN:

No previous action in governance has been taken on this item.

HIGHLIGHTS:

The Office of the Vice-Principal Academic and Dean reports, for approval, all curricular changes that do not impact program and course learning outcomes or mode of delivery.

This package includes minor modifications to the undergraduate curriculum, submitted by the academic units identified below. Upon approval, these changes are in effect as of Fall 2026, for the 2026-27 academic year.

- Department of Anthropology (Report: Undergraduate Minor Curriculum Modifications for Consent Agenda)
 - 6 Program Modifications:
 - SCMAJ1780M: MAJOR (CO-OPERATIVE) PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE)
 - SCMAJ17806: MAJOR PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE)
 - SCMAJ1780: MAJOR PROGRAM IN SOCIO-CULTURAL ANTHROPOLOGY (ARTS)
 - SCMIN1775: MINOR PROGRAM IN ANTHROPOLOGY (ARTS)
 - SCSPE17806: SPECIALIST PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE)
 - SCSPE1780: SPECIALIST PROGRAM IN SOCIO-CULTURAL ANTHROPOLOGY (ARTS)
 - 4 Course Modifications
 - 1 Course Retirement
- Department of Arts, Culture and Media (Report: Undergraduate Minor Curriculum Modifications for Consent Agenda)
 - 2 Program Modifications:
 - SCMAJ2150: MAJOR PROGRAM IN THEATRE AND PERFORMANCE (ARTS)
 - SCMIN2150: MINOR PROGRAM IN THEATRE AND PERFORMANCE (ARTS)
 - 14 Course Modifications
- Department of Biological Sciences (Report: Undergraduate Minor Curriculum Modifications for Consent Agenda)
 - 18 Program Modifications:
 - SCMAJ1030M: MAJOR (CO-OPERATIVE) PROGRAM IN BIOLOGY (SCIENCE)
 - SCMAJ1150C: MAJOR (CO-OPERATIVE) PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)
 - SCMAJ0215C: MAJOR (CO-OPERATIVE) PROGRAM IN HUMAN BIOLOGY (SCIENCE)
 - SCMAJ0220C: MAJOR (CO-OPERATIVE) PROGRAM IN MOLECULAR BIOLOGY, IMMUNOLOGY AND DISEASE (SCIENCE)
 - SCMAJ1060C: MAJOR (CO-OPERATIVE) PROGRAM IN PLANT BIOLOGY (SCIENCE)
 - SCMAJ1030B: MAJOR PROGRAM IN BIOLOGY (SCIENCE)
 - SCMAJ1150: MAJOR PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)
 - SCMAJ0215: MAJOR PROGRAM IN HUMAN BIOLOGY (SCIENCE)
 - SCMAJ0220: MAJOR PROGRAM IN MOLECULAR BIOLOGY, IMMUNOLOGY AND DISEASE (SCIENCE)
 - SCMAJ1060: MAJOR PROGRAM IN PLANT BIOLOGY (SCIENCE)

- SCSPE1150C: SPECIALIST (CO-OPERATIVE) PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)
 - SCSPE0215C: SPECIALIST (CO-OPERATIVE) PROGRAM IN HUMAN BIOLOGY (SCIENCE)
 - SCSPE1030M: SPECIALIST (CO-OPERATIVE) PROGRAM IN INTEGRATIVE BIOLOGY (SCIENCE)
 - SCSPE1203C: SPECIALIST (CO-OPERATIVE) PROGRAM IN MOLECULAR BIOLOGY AND BIOTECHNOLOGY (SCIENCE)
 - SCSPE1150: SPECIALIST PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)
 - SCSPE0215: SPECIALIST PROGRAM IN HUMAN BIOLOGY (SCIENCE)
 - SCSPE1030A: SPECIALIST PROGRAM IN INTEGRATIVE BIOLOGY (SCIENCE)
 - SCSPE1203: SPECIALIST PROGRAM IN MOLECULAR BIOLOGY AND BIOTECHNOLOGY (SCIENCE)
- 17 Course Modifications
- Department of Human Geography (Report: Undergraduate Minor Curriculum Modifications for Consent Agenda)
 - 9 Program Modifications:
 - SCMAJ1666H: MAJOR PROGRAM IN HUMAN GEOGRAPHY (ARTS)
 - SCMAJ1666P: MAJOR PROGRAM IN PHYSICAL AND HUMAN GEOGRAPHY (ARTS)
 - SCMAJCIT: MAJOR PROGRAM IN CITY STUDIES (ARTS)
 - SCMIN1666H: MINOR PROGRAM IN HUMAN GEOGRAPHY (ARTS)
 - SCMIN1800: MINOR PROGRAM IN GEOGRAPHIC INFORMATION SCIENCE (GIS) (ARTS)
 - SCMIN1810: MINOR PROGRAM IN CITY STUDIES (ARTS)
 - SCMIN1811: MINOR PROGRAM IN URBAN PUBLIC POLICY AND GOVERNANCE (ARTS)
 - SCSPE1666H: SPECIALIST PROGRAM IN HUMAN GEOGRAPHY (ARTS)
 - SCSPECIT: SPECIALIST PROGRAM IN CITY STUDIES (ARTS)
 - 49 Course Modifications
 - 3 Course Retirements
- Department of Political Sciences (Report: Undergraduate Minor Curriculum Modifications for Consent Agenda)
 - 1 Program Modification:
 - SCMAJ2030: MAJOR PROGRAM IN PUBLIC LAW (ARTS)

FINANCIAL IMPLICATIONS:

There are no significant financial implications to the campus operating budget.

RECOMMENDATION:

Be it resolved,

THAT the Report – Undergraduate Minor Curriculum Modifications for Consent Agenda changes for the 2026-27 academic year, as detailed in the respective curriculum report, be approved be approved effective September 1, 2026.

DOCUMENTATION PROVIDED:

1. Report - Undergraduate Minor Curriculum Modifications for Consent Agenda



UNIVERSITY OF TORONTO

University of Toronto Scarborough
2026-27 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Consent Approval
March 10, 2026

Anthropology (UTSC), Department of

6 Program Modifications

SCMAJ1780M: MAJOR (CO-OPERATIVE) PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE)

Description:

Co-op Email: coopsuccess.utsc@utoronto.ca

The Major (Co-op) in Evolutionary Anthropology combines academic study of human evolution, adaptation, and diversity with hands-on professional experience. The co-op component alternates classroom learning with full-time work terms, giving students the chance to test out career directions, build professional networks, and apply anthropological thinking in real-world settings. Anthropology's unique global, chronological, and biological perspective on the human condition will allow students to develop new ways of understanding humanity, be invaluable to further training in a graduate program, and is also invaluable to the pursuit of a range of career paths, including healthcare, conservation, education, and more.

~~The Major in Evolutionary Anthropology provides a course structure for those students desiring to expand upon or supplement other areas of academic interest by taking advantage of Anthropology's unique global, chronological, and biological perspective on the human condition.~~

~~The Major (Co-op) in Evolutionary Anthropology complements and punctuates academic course work with full-time work terms which help students define and refine their career and/or professional school goals.~~

In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term and Course requirements.

Description of Proposed Changes:

Updated description

Rationale:

These updates are editorial only and address the fact that the description has not been revised in many years.

Impact:

None

Consultations:

Chair's Approval: Dec 11, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ17806: MAJOR PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE)

Description:

Evolutionary Anthropology is an innovative science that continues to reshape our understanding of how humans evolved and how we adapt to changing environments. The discipline explores the question of what makes us human, combining the study of evolutionary theory, genetics, primatology, and ancient remains. This program brings students to the forefront of research on human origins and diversity, equipping them with the insights needed to understand where we come from and to adapt to the rapidly changing world ahead. Evolutionary Anthropology complements other programs such as Physical and Human Geography, Human Biology, Psychology, Health and Society, and Environmental Studies.

~~The Major program in Evolutionary Anthropology provides a course structure for those students desiring to expand upon or supplement other areas of academic interest by taking advantage of Anthropology's unique global, chronological, and biological perspective on the human condition.~~

Description of Proposed Changes:

Updated description

Rationale:

These updates are editorial only and address the fact that the description has not been revised in many years.

Impact:

None

Consultations:

Chair's Approval: Dec 11, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ1780: MAJOR PROGRAM IN SOCIO-CULTURAL ANTHROPOLOGY (ARTS)

Description: Socio-Cultural Anthropology is a forward-looking field that tackles some of today’s most urgent global issues, from technology, health, and environment, to identity, conflict, and the politics of everyday life. The discipline opens the door to a dynamic way of understanding the world, inspiring students to see beyond their own experience, achieve cross-cultural insight, and develop the skills they need to adapt to the demands of the twenty-first century. Socio-Cultural Anthropology complements other programs such as Human Geography, Linguistics, Political Science, Sociology, Psychology, Health and Society, International Development Studies, Food Studies, Global Asia Studies, Women’s and Gender Studies, City Studies, Public Policy, Management, and Environmental Studies. The Major program in Socio Cultural Anthropology provides a course structure for those students desiring to expand upon or supplement other areas of academic interest by taking advantage of Anthropology's unique global, chronological, and biological perspective on the human condition.
Description of Proposed Changes: Updating program description
Rationale: These updates are editorial only and address the fact that the description has not been revised in many years.
Impact: None
Consultations: Chair's Approval: December 11, 2025
Resource Implications: None
Proposal Status: Under Review

SCMIN1775: MINOR PROGRAM IN ANTHROPOLOGY (ARTS)

Description: The Minor in Anthropology offers students a structured introduction to how anthropologists think about human diversity, culture, evolution, and social life. Anthropology complements virtually any field, pairing naturally with Biology, City Studies, Critical Development Studies, English, Health Studies, History, Human Geography, Political Science, and Sociology. With the ability to enrich any major, the Minor in Anthropology brings a comparative perspective and a grounded methodology for better understanding culture and society. The Minor Program in Anthropology provides a course structure for students majoring or specializing in other disciplines who want some directed exposure to anthropological thought.
Description of Proposed Changes: Updated description
Rationale: These updates are editorial only and address the fact that the description has not been revised in many years.
Impact: None
Consultations: Chair's Approval: Dec 11, 2025
Resource Implications: None
Proposal Status: Under Review

SCSPE17806: SPECIALIST PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE)

Description: The Specialist Program in Evolutionary Anthropology equips students with training in human biological evolution along with the role that culture plays in shaping human physiology and anatomy. This program builds the analytical and research skills necessary for graduate research as well as offering preparation for eventual career paths in fields such as public health, conservation, forensic science, or education. Students are encouraged to meet with the Undergraduate Program Coordinator to build a course plan appropriate to their interests, from paleoanthropology to primate behavior to human adaptation. Supervised research and reading courses (ANTC04H3, ANTD32H3) offer opportunities to work closely with faculty on specialized projects and to potentially gain ‘hands-on’ lab experience. Note: these advanced options require prior arrangement and have specific prerequisites. Students may pursue a standalone Specialization, or pair their interests with Biology. The Specialist Program in Evolutionary Anthropology is intended to provide the professionally oriented student with background preparation of sufficient breadth and depth to pursue specialized training at the graduate level. It is also designed to offer interested students a course structure as background for a wide range of occupations and professions. Students are encouraged to consult with the Undergraduate Counsellor regarding the selection of a course sequence appropriate to their interests and objectives. In exceptional circumstances, supervised research and reading courses are available at the C and D levels (ANTC04H3, ANTD32H3). These courses require special arrangements prior to registration. Read the descriptions for these courses carefully as restrictions apply.
Description of Proposed Changes: Updated description
Rationale: These updates are editorial only and address the fact that the description has not been revised in many years.
Impact: None

Consultations: Chair's Approval: Dec 11, 2025
Resource Implications: None
Proposal Status: Under Review

SCSPE1780: SPECIALIST PROGRAM IN SOCIO-CULTURAL ANTHROPOLOGY (ARTS)

Description: The Specialist Program in Socio-Cultural Anthropology trains students to understand human societies, cultural practices, and social change across the globe. This program prepares students for graduate study or for careers in international development, social policy, community advocacy, museum work, professional consulting, education, and more. The curriculum balances theoretical depth with practical skills in ethnographic research and cultural analysis. Students are encouraged to meet with the Undergraduate Program Coordinator to build a course plan appropriate to their interests, from medical anthropology, environmental issues, urban studies, Indigenous rights, or other areas. Advanced students may pursue supervised research and reading courses (ANTC03H3, ANTD31H3), which involve working directly with faculty on focused projects. On some occasions, students can also be involved in faculty research projects. Note: these advanced options require prior arrangement and have specific prerequisites The Specialist Program in Socio-Cultural Anthropology is intended to provide the professionally oriented student with background preparation of sufficient breadth and depth to pursue specialized training at the graduate level. It is also designed to offer interested students a course structure as background for a wide range of occupations and professions. Students are encouraged to consult with the Undergraduate Counsellor regarding the selection of a course sequence appropriate to their interests and objectives. In exceptional circumstances, supervised research and reading courses are available at the C and D levels (ANTC03H3, ANTD31H3). These courses require special arrangements prior to registration. Read the descriptions for these courses carefully as restrictions apply.
Description of Proposed Changes: Updated description
Rationale: These updates are editorial only and address the fact that the description has not been revised in many years.
Impact: None
Consultations: Chair's approval: Dec 11, 2025
Resource Implications: None
Proposal Status: Under Review

4 Course Modifications

ANTB44H3: Amazonian Anthropology

Previous Course Code: ANTC44H3
Description: This course-seminar explores anthropological insights and historical/archeological debates emerging from Amazonia, a hotspot of social and biodiversity currently under grave threat. We will look at current trends in the region, the cultural logic behind deforestation and land-grabbing, and the cultural and intellectual production of indigenous, ribeirinho, and quilombola Ribeirinho, and Quilombola inhabitants of the region.
Prerequisites: Any 4.0 credits [ANTB19H3 and ANTB20H3] or [any 4.0 credits]
Exclusions: ANTC44H3
Rationale: ANTB44H3 will replace the proposed-to-be-retired ANTC44H3. The course is being renumbered from the C-level to the B-level to better align with other area courses in Anthropology. Minor editorial updates to the course description. Learning Outcomes, Assessment Methods & Topics Covered remain unchanged. Some prerequisites have been removed to make the course more accessible to interested students. ANTC44H3 has been added as an exclusion.
Consultation: Campus Curriculum Committee: September 29, 2025 ANT Departmental Curriculum Committee: October 22, 2025 Course code approved by Office of the Registrar: October 1, 2025
Resources: None.
Proposal Status: Under Review

ANTC30H3: Themes in Global Archaeology I

Title: Themes in Global Archaeology I

Topics Covered: The theme will change from year-to-year. We expect that Dr. Janz will periodically offer a course on East Asian Prehistory and that Dr. Dewar will periodically offer a course on South African Archaeology. Our new archaeology hire will be invited to contribute a course in their area of expertise.
Rationale: This course was originally “stand alone”, but we are adding a second course under a separate title “Themes in Global Archaeology II” so that students can take the course a second time when different topical material is being taught and have the unique course content more noticeably reflected on their transcripts. We are going to use a descriptive title rather than calling this a “Special Topics” course as such courses always have low enrollments.
Consultation: ANT DCC meeting: Sept 25, 2025 Campus Curriculum Committee: Sept 29, 2025 RO Consultation (Lindsey Taylor): October 7, 2025
Resources: None
Proposal Status: Under Review

ANTD25H3: Medical Anthropology at the Human-Animal Interface

Title: Medical Primateology: Public Health Perspectives on Zoonotic Diseases Anthropology at the Human-Animal Interface
Prerequisites: ANTA01H3 or ANTA02H3 ANTB14H3
Rationale: The new course title will be more in line with the proposed minor changes to content and more explicitly Medical Anthropology. The proposed minor content changes will make the course a little bit less focused on zoonoses, and a little more focused on the role of culture, as well as making the course a bit more general to include human-animal coexistence and bidirectional disease transmission (i.e., rather than solely zoonotic transmission), and thus a better fit for Medical Anthropology. There are no changes to the MOA, topics, or learning outcomes.
Consultation: ANT DCC meeting: Sept 25th, 2025 Campus Curriculum Committee meeting: Sept 29th, 2025 RO Consultation: Lindsey Taylor, Sept 30th, 2025
Resources: None, no additional resources required
Proposal Status: Under Review

ANTD71H3: Community Engaged Fieldwork with Food

Description: This research seminar uses our immediate community of Scarborough to explore continuity and change within diasporic foodways. Students will develop and practise practice ethnographic and other qualitative research skills to better understand the many intersections of food, culture, and community. This course culminates with a major project based on original research. Same as HISD71H3
Prerequisites: [2.0 credits in ANT courses of which 1.0 credit must be at the C-level] or permission of the instructor HISB14H3/(HISC14H3) or HISC04H3 or [2.0 credits in ANT courses of which 1.0 credit must be at the C-level] or permission of the instructor
Exclusions: (HISD71H3)
Topics Covered: Canadian Immigration History, Food Studies, Diasporic Foodways, Local (Scarborough/Toronto) issues in food and social justice, Ethnographic Methods, Community-Engaged Qualitative Research Methods
Rationale: HISD71H3 has been retired by HCS dept. We have removed any references to the double numbering. This is now a standalone course with Anthropology; therefore, we have adjusted the prerequisites accordingly.
Consultation: HCS Department Consultation - Nov 12, 2025 Chair Approval date: October 15, 2025 RO Consultation: Lindsey Taylor October 1, 2025
Resources: None
Proposal Status: Under Review

1 Course Retirement

ANTC44H3: Amazonian Anthropology

Rationale: ANTC44H3 will be retired and reintroduced as ANTB44H3, changing from the C level to the B level to better align with other Anthropology area courses.
Consultation:

Campus Curriculum Committee: September 29, 2025 ANT DCC: October 22, 2025 Pre-requisite check: October 15, 2025 (Lindsey) Course Code check: October 16, 2025 (Amber)
Resources: None
Proposal Status: Under Review

2 Program Modifications

SCMAJ2150: MAJOR PROGRAM IN THEATRE AND PERFORMANCE (ARTS)

Completion Requirements:

Program Requirements

Students must complete 8.0 credits, of which 2.0 credits must be at the C- or D-level.

1. Foundational Courses (1.0 credit):

THRA10H3 Introduction to Theatre

THRA11H3 Introduction to Performance

2. Areas of Focus Courses (4.0 credits):

1.0 credit from each of the four Areas of Focus listed below:

- Theatre & Society (1.0 credit)
- Theatre in Communities (1.0 credit)
- Performance (1.0 credit)
- Production (1.0 credit)

*For the specific courses that fall into each of these areas see the [Areas of Focus](#) table.

3. THRD60H3 Advanced Seminar in Theatre and Performance (0.5 credit)

4. 2.5 additional credits in Theatre and Performance (THR) courses:

In fulfilling this component of the course requirements, students may substitute 1.0 credit from another discipline with the Program Director's written permission. The following courses are particularly recommended:

ENGB14H3 Twentieth-Century Drama

ENGB32H3 Shakespeare in Context I

ENGB33H3 Shakespeare in Context II

ENGC04H3 Creative Writing: Screenwriting

ENGC07H3 Canadian Drama

ENGC26H3 Drama: Tragedy

ENGC27H3 Drama: Comedy

ENGC89H3 Creative Writing and Performance

GASB15H3 The Arts of South Asia

HLTB50H3 Introduction to Health Humanities

HLTD51H3 Aging and the Arts

MDSC13H3/(MDSB63H3) Popular Music and Media Cultures

MDSC33H3/(MDSC65H3) Games and Play

MUZB01H3/(VPMB01H3) Introduction to Community Music

MUZB02H3/(VPMB02H3) Introduction to Music **Teaching**, Facilitation and Learning

MUZA02H3 Introduction to Music and Health

MUZO02H3/(VPMC02H3) **Music and Health in the Community** ~~Music, Health and Wellness~~

VPSB77H3 Performance Art

VPSC71H3 Performing with Cameras

Description of Proposed Changes:

Updating MUZB02H3 and MUZO02H3 course titles

Rationale:

Updating MUZB02H3 and MUZO02H3 course titles to ensure accuracy throughout the calendar.

Impact:

None

Consultations:

C&T Committee: October 22, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMIN2150: MINOR PROGRAM IN THEATRE AND PERFORMANCE (ARTS)

Completion Requirements:

Program Requirements

Students must complete 4.0 credits, of which 1.0 credit must be at the C- or D-level:

1. Foundational Courses (1.0 credit)

THRA10H3/(VPDA10H3) Introduction to Theatre

THRA11H3/(VPDA11H3) Introduction to Performance

2. 3.0 additional credits in Theatre and Performance (THR) courses as follows:

At least 1.0 credits each from any two of the four areas of focus listed below:

- Theatre & Society
- Theatre in Communities

- Performance - Production For the specific courses that fall into each of these areas, see the Areas of Focus Table.
Description: ACM Program Manager email: acm-pm@utsc.utoronto.ca acm-pa@utsc.utoronto.ca
Description of Proposed Changes: Editorial changes
Rationale: Updated the Program Manager's email and Area of focus table link
Impact: None
Consultations: OVPD Office (Lee Bazely) - November 25, 2025
Resource Implications: None
Proposal Status: Under Review

14 Course Modifications

JOUC30H3: Critical Approaches to Style, Form and Narrative

Prerequisites: (MDSB05H3)/MDSB32H3 and JOUB39H3
Rationale: Removing the other courses allows students enrolled in the Major program to take JOUC30H3 as well
Consultation: C&T Committee: Oct 22, 2025 RO Approval (Lindsey Taylor) - Nov 19, 2025
Resources: None
Proposal Status: Under Review

MDSA13H3: Media History

Corequisites: MDSA10H3 MDSA11H3
Rationale: Correcting the prerequisite from MDSA10H3 to MDSA11H3 as minor students are not required to take MDSA10H3
Consultation: C&T Committee: Oct 25, 2025 RO approval (Lindsey Taylor): Nov 19, 2025
Resources: None
Proposal Status: Under Review

MDSC10H3: Advanced Studies in Media and the Arts

Prerequisites: Enrollment in the Major program in Media and Communication Studies and 3.0 credits at MDS B-level and a minimum GPA of 3.3 in MDS A-, B- and C-level courses
Rationale: Removing the GPA requirement since this is an unlimited program
Consultation: C&T Committee: February 5, 2026 RO Consultation (Lindsey T. and Amber L.): February 5, 2026
Resources: None
Proposal Status: Under Review

MDSC20H3: Advanced Studies in Media and Society

Prerequisites: Enrollment in the Major program in Media and Communication Studies and 3.0 credits at MDS B-level and a minimum GPA of 3.3 in MDS A-, B- and C-level courses
Rationale:

Removing the CGPA requirement since this is an unlimited program.
Consultation: C&T Committee: February 5, 2026 RO Consultation (Lindsey T. and Amber L.): February 5, 2026
Resources: None
Proposal Status: Under Review

MDSC30H3: Advanced Studies in Media and Institutions

Prerequisites: Enrollment in the Major program in Media and Communication Studies and 3.0 credits at MDS B-level and a minimum GPA of 3.3 in MDS A-, B- and C-level courses
Rationale: Removing CPA requirement since this is an unlimited program
Consultation: C&T Committee: February 5, 2026 RO Consultation (Lindsey T. and Amber L.): February 5, 2026
Resources: None
Proposal Status: Under Review

MDSD10H3: Senior Seminar: Topics in Media and Arts

Prerequisites: Enrollment in Major program in Media and Communication Studies (both streams) and 2.5 credits at MDS C-level 3.0 credits in MDS courses, including 1.0 credit at the C-level
Rationale: Prerequisites now match the other MDSD-level courses
Consultation: C&T Committee - Oct 25, 2025 RO Approval (Lindsey Taylor) - Nov 19, 2025
Resources: None
Proposal Status: Under Review

MDSD20H3: Senior Seminar: Topics in Media and Society

Prerequisites: Enrollment in Major program in Media and Communication Studies and 2.5 credits at MDS C-level 3.0 credits in MDS courses, including 1.0 credit at the C-level
Breadth Requirements: None Arts, Literature and Language
Rationale: Changed the prerequisite to match the other MDSD-level courses Added the breadth requirement as it was previously missing
Consultation: C&T Committee: Oct 25, 2025 RO Approval (Lindsey Taylor) - Nov 19, 2025
Resources: None
Proposal Status: Under Review

MUZZB02H3: Introduction to Music Teaching, Facilitation, and Learning

Prerequisites: MUZA80H3/(VPMA95H3) or successful clearance of the MUZA80H3 exemption test
Topics Covered: Educational psychology Developmental theory Constructivist learning Scaffolding Community arts Community music Teaching artists Singing Song leading,

Songwriting Beat making Drumming Improvisation Curriculum and instruction Formal, informal, and nonformal learning.
Rationale: The language around MUZA80H3 exemption test is removed as we no longer do the exemption tests
Consultation: C&T Committee: Oct 25, 2025 RO Approval (Lindsey Taylor) - Nov 19, 2025
Resources: None
Proposal Status: Under Review

THRB56H3: Creating a Production: Conception, Design, and Execution I

Prerequisites: THRB50H3 Permission of the Theatre and Performance Studies instructor.
Notes: 1. This course will meet at non-traditional times when the show rehearsals and production meetings are scheduled. 2. THRB56H3 is intended for Year 1 and 2 students at UTSC, or advanced students who are new to producing, directing, designing, stage management, and dramaturgy. More advanced producers, directors, designers, stage managers, and dramaturgs are encouraged to register for THRC56H3 or THRD56H3. 1. This course will meet at non-traditional times when show rehearsals and production meetings are scheduled. 2. THRB56H3 is intended for Year 1 and 2 students at UTSC, or advanced students who are new to producing, directing, designing, stage management, and dramaturgy. More advanced producers, directors, designers, stage managers, and dramaturgs are encouraged to register for THRC56H3 or THRD56H3.
Topics Covered: Topics covered will include: The work of various kinds of theatre-makers at various phases of the rehearsal and performance process The particular play/project, and what it demands of a creative team, as distinct from (yet likely related to) other plays they have been involved in The relationship of various kinds of theatre-makers with the director The complex working relationships within a theatre-making team
Rationale: In recent years, we have felt students taking THRB56 lack the technical theatre skills to quickly get into the workflow of a fast-moving theatrical production. At present, some of these students are coming in with little-to-no experience, and they are expressing frustration by the learning curve and the collaboration can suffer for it. This change will ensure that only students who've taken a general introduction to general theatre can apply to join the production. This ensures that they have a basic literacy in important areas of lighting, sound and technical production, including safety protocols. This will even out the skill set and support the production processes annually. Under notes: Adjusted the formatting by breaking up the numbering to enhance readability and overall clarity.
Consultation: Campus Curriculum Committee Meeting: Sept 29, 2025 C&T Committee: Oct 22, 2025 RO approval (Lindsey Taylor): Nov 19, 2025
Resources: None
Proposal Status: Under Review

THRC21H3: Experiencing Live Performance

Title: Reimagining Theatre Criticism Experiencing Live Performance
Rationale: This is a unique course in our program in which students attend 4-5 performances in the professional theatre scene in Toronto and work on critical reflections. The current title, Reimagining Theatre Criticism was made several years ago to reflect changes in the field as well as an encouragement at the time from the ACM Department to offer more writing instruction. This course already did so in practice, but the title, it was thought, would better communicate its skill development in writing practice. However, we have found over several offerings that it has affected enrolments. The title change to Experiencing Live Performance is a small modification to the title this course had years ago: Experiencing the Live Theatre. This small change reflects our interest in seeing diverse performances beyond traditional plays that may push the boundaries of what counts as “theatre”. This revision will make the course clearer and appealing to students, we hope to restore its enrolments back to the level it had prior to the previous change No changes to LO, Topics, and assessments
Consultation:

Campus Curriculum Committee Meeting: Sept 29, 2025 C&T Committee: Oct 22, 2025 RO approval (Lindsey Taylor): Nov 19, 2025
Resources: None
Proposal Status: Under Review

THRC50H3: Production Workshop: Experiments in Worldbuilding

Title: Advanced Production Workshop: Performance Experiments in Worldbuilding
Rationale: The previous title, Advanced Workshop, was over generic and did not communicate the nature of the course clearly. Also, some students perceived that the course would be acting focused, when in fact it is more focused on experiments in conceptualization and staging related to our annual theatrical production. The new title Production Workshop: Experiments in Worldbuilding more accurately reflects the nature of the course. The term Worldbuilding is intentionally capacious, potentially involving many different aesthetics, methodologies of performance creation. No changes to LO, Topics, and assessments
Consultation: C&T Committee: Oct 22, 2025 RO approval (Lindsey Taylor): Nov 19, 2025
Resources: None
Proposal Status: Under Review

VPHC74H3: Introduction to Contemporary Chinese Art and Visual Culture

Title: A Tale of Three Cities: Introduction to Contemporary Art in China Chinese Art and Visual Culture
Description: This course introduces contemporary Chinese art and visual culture, examining how artists and cultural producers respond to China’s rapid social, economic, and political transformations. We will analyze a range of media—including painting, photography, installation, film, and digital culture—in relation to themes such as globalization, urban change, memory, and identity. The course also considers how Chinese art circulates internationally, situating it within broader global debates in art history and media studies. An introduction to Chinese contemporary art focusing on three cities: Beijing, Shanghai, and Guangzhou. Increasing globalization and China's persistent self renovation has brought radical changes to cities, a subject of fascination for contemporary artists. The art works will be analyzed in relation to critical issues such as globalization and urban change. Same as GASC74H3
Rationale: Updating title and course description to reflect current course content.
Consultation: C&T Committee: Oct 22, 2025 HCS Consultation (Sarah C. on behalf of Heather S.): Oct 27, 2025
Resources: None
Proposal Status: Under Review

VPSB59H3: Sculpture

Prerequisites: VPSA62H3 and VPSA63H3
Rationale: Corrected the typo - VPA62H3 to VPSA62H3
Consultation: C&T Committee: February 5, 2026 RO Consultation (Lindsey T. and Amber L.): February 5, 2026
Resources: None
Proposal Status: Under Review

VPSB80H3: Digital Art

Description: This course will introduce students to techniques and approaches to digital art. Students will explore digital production methods that involve computer-generated imagery including vector-based techniques, digital painting, and laser-cutting, as well as web-based digital art that utilizes augmented reality and basic location-based media. This course will also examine the history digital art through readings and lectures. Through lectures, demonstrations, and exercises that incorporate the use of Illustrator and other software, students will create 3D-printed and augmented reality artworks. With an emphasis on developing skills when working in vector digital spaces, this course will help students develop the ability to articulate ideas related to contemporary digital art-based
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practice. An overview of expanded 3D digital media will be covered, and project themes will be drawn from a critical analysis of digital technology as an art form.
Rationale: Description revised to better communicate course content. No changes to LO, assessments, topics, etc.
Consultation: C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

VPSB86H3: Sculpture and Technology

Description: This course will introduce students to digital fabrication processes and materials for creating three-dimensional and kinetic art objects. Students will learn computer-aided design (CAD), fabrication techniques such as 3D printing, printing and laser cutting , and physical computing basics with an introduction to microcontrollers and ready-made circuits. This course will also examine the history and use of technology in contemporary sculpture through readings and lectures.
Rationale: Description revised to better communicate course content. No changes to LO, assessments, topics, etc.
Consultation: C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

VPSB89H3: 2D Digital Animation

Title: 2D Digital Animation
Description: This course will introduce students to 2D the basics of digital animation using still and moving two-dimensional images along with images and a variety of software to produce digital animation time-based digital art projects. Students will learn animation techniques, digital drawing methods, storytelling , sound mixing, and sequence editing. Students will also learn storyboarding and visual storytelling techniques to allow them to develop short, experimental animation works. The editing with a focus on experimental practices. Through lectures, screenings, demonstrations, in-class exercises, assignments, and group critiques will give students a solid grounding in the technical and conceptual dimensions of 2D animation practice within a contemporary art context. presentations, and group critiques, students will gain an understanding of a wide range of experimental and conceptual skills to use animation as a visual art form.
Rationale: Description revised to better communicate course content. No changes to LO, Topics, and assessments.
Consultation: Campus Curriculum Committee Meeting: Sept 29, 2025 C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

VPSB90H3: 3D Digital Animation

Title: 3D Digital Animation-II
Description: A project-based course, building upon concepts developed in VPSB89H3 Introduction to Digital Animation. Students will refine their control of sound, movement, and image quality. This course will introduce students to 3D digital animation and the fundamentals of also introduce three-dimensional wire frame modeling and ray-tracing techniques for constructing screen-based objects, characters, environments, and animations. Working with standard 3D design and animation software, students will develop skills in texturing, lighting, and visual effects, sound mixing, and sequence editing. Students will also learn storyboarding and visual storytelling techniques to allow them to develop short, experimental animation works. The lectures, screenings, demonstrations, in-class exercises, assignments, and group critiques will give students a solid grounding in the technical and conceptual dimensions of 3D animation practice within a contemporary art context convincing 3-D animated objects and scenes as they apply to contemporary artistic practices.
Prerequisites: VPSA62H3, VPSA63H3 and VPSB56H3 VPSB89H3
Rationale: Description revised to better communicate course content. Prerequisite revised to make course more accessible. No changes to LO, Topics, and assessments.
Consultation: Campus Curriculum Committee Meeting: Sept 29, 2025 C&T Committee: Oct 22, 2025 RO approval (Lindsey Taylor): Nov 19, 2025

Resources: None
Proposal Status: Under Review

VPSC70H3: Interdisciplinary Digital Art

Description: This course will explore advanced digital art techniques and research methods while encouraging intermedia links to other media in Studio Art. extend digital art practice into a range of other Studio Art media, allowing students to explore the creation of hybrid works that fuse traditional mediums with new technologies. Students will have the opportunity to work on digital art projects that utilize approaches and technologies including digital imaging, location-based media, artificial intelligence, and interactivity. Students will also be exposed to the broader possibilities of contemporary digital art through readings, lectures, and in-class discussion. networking, kineties, GPS, data mining, sound installation, the Internet of Things (IoT), and interactivity.
Prerequisites: 2.0 2.5 credits at the B-level B or C-level in VPS courses including 0.5 credit taken from: VPSB80H3; VPSB81H3, VPSB86H3, VPSB88H3, VPSB89H3; or VPSB90H3, VPSB56H3, VPSB58H3, VPSB76H3, VPSB80H3, VPSB86H3, VPSB88H3, VPSB89H3, VPSB90H3, NMEB05H3, NMEB08H3, or NMEB09H3; students enrolled in the Specialist and Major programs in Studio Art must also complete VPHA46H3
Rationale: Description and name revised to better communicate course content. No changes to LO, Topics, and assessments.
Consultation: C&T Committee: Oct 22, 2025 RO approval (Lindsey Taylor): Nov 19, 2025
Resources: None
Proposal Status: Under Review

VPSC73H3: Interdisciplinary Drawing and Painting

Title: Interdisciplinary Drawing and Painting
Description: This course will explore advanced techniques and research methods in drawing and painting. Projects in this course will emphasize conceptual approaches to art making and will take students through the process of creating an artwork in response to a theme. This course will explore non-traditional materials and methods in drawing and painting. Students will be exposed to the broader possibilities of contemporary drawing and painting through readings, lectures, and in-class discussions. Interdisciplinary Drawing Concepts will extend drawing into a range of other media, allowing students to explore the sculptural, temporal and performative potential of mark-making.
Prerequisites: 2.0 credits at the B-level VPHA46H3 and VPSB70H3 and VPSB74H3 and [an additional 1.0 credit at the B- or C-level in VPS courses including 0.5 credit taken from: VPSB61H3; VPSB62H3, VPSB79H3, or VPSB74H3; students enrolled in the Specialist and Major programs in Studio Art must also complete VPHA46H3 courses]
Rationale: Description and name revised to better communicate course content. No changes to LO, Topics, and assessments.
Consultation: Campus Curriculum Committee Meeting: Sept 29, 2025 C&T Committee: Oct 22, 2025 RO approval (Lindsey Taylor): Nov 19, 2025
Resources: None
Proposal Status: Under Review

5 Retired Courses

VPHB69H3: Back to the Land: Restoring Embodied and Affective Ways of Knowing

Rationale: Retiring this course and removing the double numbering with ESTB03H3. A new standalone course will be proposed to start for Fall 2027.
Consultation: C&T Committee: Oct 22, 2025 DPES Consultation (Shadi D.): Dec 10, 2025
Resources: None
Proposal Status: Under Review

VPSB76H3: Video II

Rationale: Moving image curriculum is being re-aligned to flow more directly into C-level offerings in the area.
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Consultation: C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

VPSC53H3: Kinetic Sculpture

Rationale: Curriculum being integrated into a new course
Consultation: C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

VPSC54H3: Painting III

Rationale: Curriculum being integrated into a new course.
Consultation: C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

VPSC75H3: Advanced Sculpture

Rationale: Curriculum being integrated into a new course.
Consultation: C&T Committee: Oct 22, 2025
Resources: None
Proposal Status: Under Review

18 Program Modifications

SCMAJ1030M: MAJOR (CO-OPERATIVE) PROGRAM IN BIOLOGY (SCIENCE)

Completion Requirements:

Program Requirements:

This program consists of 8.0 required credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics Courses

Choose from:

MATA29H3 Calculus I for the Life Sciences

MATA30H3 Calculus I for Physical Sciences

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

4. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit of Biology Core Labs

Choose from:

BIOB12H3 Cell and Molecular Biology Laboratory

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year

6. 1.5 Credits of Additional C-level Biology Courses

Choose from: Any BIO C-level courses offered by the department.

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

7. 0.5 Credit of Additional D-Level Biology Courses

Choose from: Any BIO D-level courses offered by the department. Note: that this includes the Biology Supervised Studies and Directed Research courses (BIOD95H3, BIOD98Y3 and BIOD99Y3).

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

Three 4-month work terms, *or*

- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semester.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

COPB50H3

- COPB54H3/(COPB51H3)

Work Term Search Courses:

COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)

- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

COPC01H3 (First work term)

- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

COPC04H3 (Fourth work term)

- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.

Adding PSYA06H3 as an option in the Statistics bin.

Adding STAB23H3 as an option in the Statistics bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation.

We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.

Impact:

This will add additional options for students in Statistics.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025

RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025

DCC October 17, 2025

Department of Psychology (Ainsley Lawson) October 24, 2025

Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ1150C: MAJOR (CO-OPERATIVE) PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)

Completion Requirements:

Program Requirements:

This program consists of 8.5 required credits

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics

Choose from:

MATA29H3 Calculus I for the Life Sciences

MATA30H3 Calculus I for Physical Sciences

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

4. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit of Biology Core Labs

BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year

6. 1.0 Credit of Ecology & Evolution Foundation Courses

Choose from:

BIOC16H3 Evolutionary Genetics and Genomics

BIOC50H3 Macroevolution

BIOC52H3 Field Ecology

BIOC61H3 Community Ecology and Environmental Biology

BIOC63H3 Conservation Biology

7. 1.0 Credit of Other C-level Courses

Choose from:

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC37H3 Plants: Life on the Edge

BIOC40H3 Plant Physiology

BIOC51H3 ~~Tropical~~ Biodiversity and Conservation Field Course

BIOC54H3 Animal Behaviour

BIOC58H3 Biological Consequences of Global Change

BIOC59H3 Advanced Population Ecology

BIOC60H3 Winter Ecology

BIOC62H3 Role of Zoos and Aquariums in Conservation

BIOC65H3 Environmental Toxicology

(BIOC67H3) Inter-University Biology Field Course

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

EESC04H3 Biodiversity and Biogeography

EESC30H3 Environmental Microbiology

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

8. 0.5 Credit of D-level Courses

Choose from:

BIOD25H3 Genomics

BIOD26H3 Fungal Biology & Pathogenesis

BIOD34H3 Conservation Physiology

BIOD43H3 Animal Movement and Exercise

BIOD45H3 Animal Communication

BIOD48H3 Ornithology

BIOD52H3 Biodiversity and Conservation

BIOD53H3 Special Topics in Animal Behaviour

BIOD54H3 Applied Conservation Biology

BIOD55H3 Experimental Animal Behaviour

BIOD59H3 Models in Ecology, Epidemiology and Conservation

BIOD60H3 Spatial Ecology

BIOD62H3 Symbiosis: Interactions Between Species

BIOD63H3 From Individuals to Ecosystems: Advanced Topics in Ecology

BIOD66H3 Quantitative Ecological and Biodiversity Analysis

BIOD67H3 Inter-University Biology Field Course

EESD15H3 Fundamentals of Site Remediation

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Supervisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

Three 4-month work terms, *or*

- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semesters.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

- COPB50H3
- COPB54H3/(COPB51H3)

Work Term Search Courses:

- COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)
- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

- COPC04H3 (Fourth work term)
- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.
Adding PSYA06H3 as an option in the Statistics bin.
Adding STAB23H3 as an option in the Statistics bin.
Adding BIOC11H3 as a C-level options and changing the title for BIOC51H3.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
The title for BIOC51H3 has been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica.
BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
DCC October 17, 2025
Department of Psychology (Ainsley Lawson) October 24, 2025
Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ0215C: MAJOR (CO-OPERATIVE) PROGRAM IN HUMAN BIOLOGY (SCIENCE)

Completion Requirements:

Program Requirements:

This program consists of 8.5 credits.

Required Courses and Suggested Course Sequence*First Year***1. 1.0 Credit of Introductory Biology Courses**

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit in Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Courses Related to Human Health

HLTA02H3 Exploring Health and Society: Theories, Perspectives, and Patterns ~~Foundations in Health Studies I~~

HLTA03H3 Navigating Health and Society: Research, Practice, and Policy ~~Foundations in Health Studies II~~

HLTB15H3 ~~Introduction to~~ Health Research Methodology

HLTB16H3 ~~Introduction to~~ Public Health

HLTB20H3 Human Biological Variation and Evolution ~~Contemporary Human Evolution and Variation~~

HLTB22H3 Biological Determinants of Health

HLTB40H3 Health Policy and Health Systems

HLTB44H3 Pathophysiology and Etiology of Disease

PSYA01H3 Introduction to Biological and Cognitive Psychology

PSYA02H3 Introduction to Clinical, Developmental, Personality and Social Psychology

4. 0.5 Credit in Mathematics or Statistics

Choose From:

MATA29H3 Calculus I for the Life Sciences

MATA30H3 Calculus I for Physical Sciences

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

*Second Year***5. 2.5 Credits of Biology Core Courses**

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

6. 0.5 Credit in a Biology Core Lab

Choose From:

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

*Third/Fourth Years***7. 1.5 Credits of C-Level Courses**

Choose From:

ANTC47H3 Human and Primate Comparative Osteology

ANTC48H3 Advanced Topics in Human Osteology

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC14H3 Genes, Environment and Behaviour

BIOC15H3 Genetics

BIOC16H3 Evolutionary Genetics and Genomics

BIOC17H3 Microbiology

BIOC19H3 Animal Developmental Biology

BIOC20H3 Principles of Virology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC32H3 Human Physiology I

BIOC34H3 Human Physiology II

BIOC35H3 Principles of Parasitology

BIOC39H3 Immunology

BIOC54H3 Animal Behaviour

BIOC58H3 Biological Consequences of Global Change

BIOC65H3 Environmental Toxicology

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

8. 0.5 Credit of D-Level Courses

Choose From:

BIOD06H3 Advanced Topics in Neural Basis of Motor Control
 BIOD07H3 Advanced Topics and Methods in Neural Circuit Analysis
 BIOD08H3 Theoretical Neuroscience
 BIOD12H3 Protein Homeostasis
 BIOD15H3 Mechanisms of Gene Regulation in Health and Disease
 BIOD17H3 Seminars in Cellular Microbiology
 BIOD19H3 Epigenetics in Health and Disease
 BIOD20H3 Special Topics in Virology
 BIOD24H3 Human Stem Cell Biology and Regenerative Medicine
 BIOD25H3 Genomics
 BIOD26H3 Fungal Biology and Pathogenesis
 BIOD27H3 Vertebrate Endocrinology
 BIOD29H3 Pathobiology of Human Disease
 BIOD32H3 Human Respiratory Pathophysiology
 BIOD33H3 Comparative Animal Physiology
 BIOD36H3 Advanced Topics in Molecular Parasitology
 BIOD43H3 Animal Movement and Exercise
 BIOD59H3 Models in Ecology, Epidemiology and Conservation
 BIOD65H3 Pathologies of the Nervous System
 BIOD95H3 Supervised Study in Biology (topic must be human-related and approved by the program supervisor)
 HTLD18H3 Dental Sciences
 HLT44H3 Environmental Contaminants, Vulnerability and Toxicity

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Academic support within the department, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

- Three 4-month work terms, *or*
- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semester.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

COPB50H3

- COPB54H3/(COPB51H3)

Work Term Search Courses:

COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)

- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

COPC04H3 (Fourth work term)

- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.

Adding PSYA06H3 as an option in the Statistics bin. Adding STAB23H3 as an option in the Statistics bin. Adding BIOC11H3 as a C level option and changing the title for BIOC21H3. Updating course titles for HLTA02H3, HLTA03H3, HLTB15H3, HLTB16H3, HLTB20H3.
Rationale: The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3. The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques. BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives. Updating course titles for HLTA02H3, HLTA03H3, HLTB15H3, HLTB16H3, HLTB20H3 to ensure accuracy throughout the calendar.
Impact: This will add additional options for students in Statistics and at the C level.
Consultations: Campus Curriculum Committee Meeting September 29, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025 DCC October 17, 2025 Department of Psychology (Ainsley Lawson) October 24, 2025 Department of CMS (Mike Malloy) November 7, 2025 Department of Health and Society (Lee B. for Sean R.) November 25, 2026
Resource Implications: None
Proposal Status: Under Review

SCMAJ0220C: MAJOR (CO-OPERATIVE) PROGRAM IN MOLECULAR BIOLOGY, IMMUNOLOGY AND DISEASE (SCIENCE)

Completion Requirements: Program Requirements: This program consists of 8.5 credits. <i>First Year</i> 1. 1.0 Credit of Introductory Biology Courses BIOA01H3 Life on Earth: Unifying Principles BIOA02H3 Life on Earth: Form, Function and Interactions 2. 1.0 Credit of Introductory Chemistry Courses CHMA10H3 Introductory Chemistry I: Structure and Bonding [CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry 3. 0.5 Credit in Mathematics or Statistics Choose from: MATA29H3 Calculus I for the Life Sciences MATA30H3 Calculus I for Physical Sciences PSYA06H3 Introduction to Data Analysis for Scientific Literacy* (PSYB07H3) Data Analysis in Psychology STAB22H3 Statistics I STAB23H3 Introduction to Statistics for the Social Sciences* *Note: We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it. <i>Second Year</i> 4. 2.5 Credits of Biology Core Courses BIOB10H3 Cell Biology BIOB11H3 Molecular Aspects of Cellular and Genetic Processes BIOB34H3 Animal Physiology BIOB50H3 Ecology BIOB51H3 Evolutionary Biology BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)* *Note: Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information. 5. 0.5 Credit in a Biology Core Lab BIOB12H3 Cell and Molecular Biology Laboratory <i>Third/Fourth Years</i> 6. 1.5 Credit of Required C-level Courses BIOC17H3 Microbiology BIOC20H3 Principles of Virology BIOC39H3 Immunology 7. 1.0 Credit of Additional C-level Courses Choose from: BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC12H3 Biochemistry I: Proteins & Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC14H3 Genes, Environment and Behaviour

BIOC15H3 Genetics

BIOC18H3 Looking Inside Cells Current Methods in Cell Biology

BIOC19H3 Animal Developmental Biology

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC31H3 Plant Development and Biotechnology

BIOC35H3 Principles of Parasitology

BIOC36H3 Synthetic Biology for Health and Agriculture

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

*Note: Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

8. 0.5 credit of D-level Biology Courses

Choose from:

BIOD12H3 Protein Homeostasis

BIOD13H3 Herbology: The Science Behind Medicinal Plants

BIOD15H3 Mechanisms of Gene Regulation in Health and Disease

BIOD17H3 Seminars in Cellular Microbiology

BIOD18H3 Practical Approaches in Infection and Immunity

BIOD19H3 Epigenetics in Health and Disease

BIOD20H3 Special Topics in Virology

BIOD23H3 Special Topics in Cell Biology

BIOD24H3 Human Stem Cell Biology and Regenerative Medicine

BIOD25H3 Genomics

BIOD26H3 Fungal Biology and Pathogenesis

BIOD27H3 Vertebrate Endocrinology

BIOD29H3 Pathobiology of Human Disease

BIOD36H3 Advanced Topics in Molecular Parasitology

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

Three 4-month work terms, *or*

- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semester.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

COPB50H3

- COPB54H3/(COPB51H3)

Work Term Search Courses:

- COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)
- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

- COPC04H3 (Fourth work term)
- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight

and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.
Adding PSYA06H3 as an option in the Statistics bin.
Adding STAB23H3 as an option in the Statistics bin.
Adding BIOC11H3 and BIOC36H3 as C level options in a bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
BIOC36H3 - A course in Synthetic Biology would be a valuable addition by integrating and extending existing strengths in molecular biology, genetics, and bioinformatics toward the design and engineering of biological systems.
BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
DCC October 17, 2025
Department of Psychology (Ainsley Lawson) October 24, 2025
Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ1060C: MAJOR (CO-OPERATIVE) PROGRAM IN PLANT BIOLOGY (SCIENCE)

Completion Requirements:

Program Requirements:

Students are required to complete a total of 8.5 credits.

Required Courses and Suggested Course Sequence:

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics Courses

Choose From:

MATA29H3 Calculus I for the Life Sciences
MATA30H3 Calculus I for Physical Sciences

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

4. 2.5 Credits of Biology Core Courses

BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspects of Cellular and Genetic Processes
BIOB38H3 Plants and Society
BIOB50H3 Ecology
BIOB51H3 Evolutionary Biology
BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit of Biology Core Labs

Choose From:

BIOB12H3 Cell and Molecular Biology Laboratory
BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year

6. 1.5 Credits of C-level Plant Courses

BIOC31H3 Plant Development and Biotechnology

BIOC37H3 Plants: Life on the Edge

BIOC40H3 Plant Physiology

Third/ Fourth Year

7. 1.0 Credit of Additional C-level Courses

Choose From:

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC35H3 Principles in Parasitology

BIOC36H3 Synthetic Biology for Health and Agriculture

BIOC50H3 Macroevolution

BIOC52H3 Field Ecology

BIOC61H3 Community Ecology and Environmental Biology

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

8. 0.5 Credit of D-level Biology Courses

Choose From:

BIOD12H3 Protein Homeostasis

BIOD13H3 Herbology: The Science Behind Medicinal Plants

BIOD21H3 Advanced Molecular Biology Laboratory

BIOD26H3 Fungal Biology and Pathogenesis

BIOD30H3 Plant Research and Biotechnology: Addressing Global Problems

BIOD36H3 Advanced Topics in Molecular Parasitology

BIOD37H3 Biology of Plant Stress

BIOD62H3 Symbiosis: Interactions Between Species

Note: Students who are interested in research or graduate studies can choose to take BIOC99H3, BIOD95H3, BIOD98Y3 or BIOD99Y3 supervised study courses with faculty to obtain additional research experience and training in plant biology.

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) in Biology and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during the Summer semesters.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

Three 4-month work terms, *or*

- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during at least one Summer semester.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

COPB50H3

- COPB54H3/(COPB51H3)

Work Term Search Courses:

COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)

- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

COPC01H3 (First work term)

- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

COPC04H3 (Fourth work term)

- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Adding PSYA06H3 as an option in the Statistics bin.

Adding STAB23H3 as an option in the Statistics bin.

Adding BIOC36H3 as a C level option.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.

BIOC36H3 - A course in Synthetic Biology would be a valuable addition by integrating and extending existing strengths in molecular biology, genetics, and bioinformatics toward the design and engineering of biological systems.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025

RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025

DCC October 17, 2025

Department of Psychology (Ainsley Lawson) October 24, 2025

Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ1030B: MAJOR PROGRAM IN BIOLOGY (SCIENCE)

Completion Requirements:

Program Requirements

This program consists of 8.0 required credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics Courses

Choose from:

MATA29H3 Calculus I for the Life Sciences

MATA30H3 Calculus I for Physical Sciences

STAB22H3 Statistics I

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

4. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology BIOB51H3 Evolutionary Biology BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)* *Note: Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information. 5. 0.5 Credit of Biology Core Labs Choose from: BIOB12H3 Cell and Molecular Biology Laboratory BIOB32H3 Animal Physiology Laboratory BIOB33H3 Human Development and Anatomy BIOB52H3 Ecology and Evolutionary Biology Laboratory <i>Third Year</i> 6. 1.5 Credits of Additional C-level Biology Courses Choose from: Any BIO C-level courses offered by the department. BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)* *Note: Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information. <i>Fourth Year</i> 7. 0.5 Credit of Additional D-Level Biology Courses Choose from: Any BIO D-level courses offered by the department. Note: that this includes the Biology Supervised Studies and Directed Research courses (BIOD95H3, BIOD98Y3 and BIOD99Y3).
Description of Proposed Changes: Putting brackets around PSYB07H3 due to retirement. Adding PSYA06H3 as an option in the Statistics bin. Adding STAB23H3 as an option in the Statistics bin.
Rationale: The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
Impact: This will add additional options for students in Statistics.
Consultations: Campus Curriculum Committee Meeting September 29, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025 DCC October 17, 2025 Department of Psychology (Ainsley Lawson) October 24, 2025 Department of CMS (Mike Malloy) November 7, 2025
Resource Implications: None
Proposal Status: Under Review

SCMAJ1150: MAJOR PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)

Completion Requirements: Program Requirements This program consists of 8.5 required credits. <i>First Year</i> 1. 1.0 Credit of Introductory Biology Courses BIOA01H3 Life on Earth: Unifying Principles BIOA02H3 Life on Earth: Form, Function and Interactions 2. 1.0 Credit of Introductory Chemistry Courses CHMA10H3 Introductory Chemistry I: Structure and Bonding [CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry] 3. 0.5 Credit in Mathematics or Statistics Choose from: MATA29H3 Calculus I for the Life Sciences MATA30H3 Calculus I for Physical Sciences PSYA06H3 Introduction to Data Analysis for Scientific Literacy* (PSYB07H3) Data Analysis in Psychology STAB22H3 Statistics I STAB23H3 Introduction to Statistics for the Social Sciences* *Note: We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it. <i>Second Year</i> 4. 3.0 Credits of Biology Core Courses BIOB10H3 Cell Biology BIOB11H3 Molecular Aspects of Cellular and Genetic Processes BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society
 BIOB50H3 Ecology
 BIOB51H3 Evolutionary Biology
 BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit of Biology Core Labs

BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year

6. 1.0 Credit of Ecology & Evolution Foundation Courses

Choose from:

BIOC16H3 Evolutionary Genetics and Genomics
 BIOC50H3 Macroevolution
 BIOC52H3 Field Ecology
 BIOC61H3 Community Ecology and Environmental Biology
 BIOC63H3 Conservation Biology

7. 1.0 Credit of Other C-level Courses

Choose from:

BIOC11H3 Microbial Communities in Nature, Health and Industry
 BIOC30H3 From Genetic Codes to Fantastic Creatures
 BIOC37H3 Plants: Life on the Edge
 BIOC40H3 Plant Physiology
 BIOC51H3 ~~Tropical~~ Biodiversity and Conservation Field Course
 BIOC54H3 Animal Behaviour
 BIOC58H3 Biological Consequences of Global Change
 BIOC59H3 Advanced Population Ecology
 BIOC60H3 Winter Ecology
 BIOC62H3 Role of Zoos and Aquariums in Conservation
 BIOC65H3 Environmental Toxicology
 (BIOC67H3) Inter-University Biology Field Course
 BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*
 EESC04H3 Biodiversity and Biogeography
 EESC30H3 Environmental Microbiology

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

8. 0.5 Credit of D-level Courses

Choose from:

BIOD25H3 Genomics
 BIOD26H3 Fungal Biology & Pathogenesis
 BIOD34H3 Conservation Physiology
 BIOD43H3 Animal Movement and Exercise
 BIOD45H3 Animal Communication
 BIOD48H3 Ornithology
 BIOD52H3 Biodiversity and Conservation
 BIOD53H3 Special Topics in Animal Behaviour
 BIOD54H3 Applied Conservation Biology
 BIOD55H3 Experimental Animal Behaviour
 BIOD59H3 Models in Ecology, Epidemiology and Conservation
 BIOD60H3 Spatial Ecology
 BIOD62H3 Symbiosis: Interactions Between Species
 BIOD63H3 From Individuals to Ecosystems: Advanced Topics in Ecology
 BIOD66H3 Quantitative Ecological and Biodiversity Analysis
 BIOD67H3 Inter-University Biology Field Course
 EESD15H3 Fundamentals of Site Remediation

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.
 Adding PSYA06H3 as an option in the Statistics bin.
 Adding STAB23H3 as an option in the Statistics bin.
 Changing BIOC51H3 course title.
 Adding BIOC11H3 as a C level options in the Organismal Biology bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
 The title for BIOC51H3 has been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica.
 BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering in our Cellular and Organismal Biology bin to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
 DCC October 17, 2025
 Department of Psychology (Ainsley Lawson) October 24, 2025
 Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ0215: MAJOR PROGRAM IN HUMAN BIOLOGY (SCIENCE)

Completion Requirements:

Program Requirements:

This program consists of 8.5 credits.

Required Courses and Suggested Course Sequence

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit in Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Courses Related to Human Health

HLTA02H3 ~~Exploring Health and Society: Theories, Perspectives, and Patterns~~ ~~Foundations in Health Studies I~~

HLTA03H3 ~~Navigating Health and Society: Research, Practice, and Policy~~ ~~Foundations in Health Studies II~~

HLTB15H3 ~~Introduction to~~ Health Research Methodology

HLTB16H3 ~~Introduction to~~ Public Health

HLTB20H3 ~~Human Biological Variation and Evolution~~ ~~Contemporary Human Evolution and Variation~~

HLTB22H3 Biological Determinants of Health

HLTB40H3 Health Policy and Health Systems

HLTB44H3 Pathophysiology and Etiology of Disease

PSYA01H3 Introduction to Biological and Cognitive Psychology

PSYA02H3 Introduction to Clinical, Developmental, Personality and Social Psychology

4. 0.5 Credit in Mathematics or Statistics

Choose From:

MATA29H3 Calculus I for the Life Sciences

MATA30H3 Calculus I for Physical Sciences

PSYA06H3 ~~Introduction to Data Analysis for Scientific Literacy*~~

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 ~~Introduction to Statistics for the Social Sciences*~~

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

5. 2.5 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

6. 0.5 Credit in a Biology Core Lab

Choose From:

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

Third/Fourth Years

7. 1.5 Credits of C-Level Courses

Choose From:

ANTC47H3 Human and Primate Comparative Osteology

ANTC48H3 Advanced Topics In Human Osteology

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 ~~Microbial Communities in Nature, Health and Industry~~

BIOC14H3 Genes, Environment and Behaviour

BIOC15H3 Genetics

BIOC16H3 Evolutionary Genetics and Genomics

BIOC17H3 Microbiology

BIOC19H3 Animal Developmental Biology

BIOC20H3 Principles of Virology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC32H3 Human Physiology I

BIOC34H3 Human Physiology II

BIOC35H3 Principles of Parasitology

BIOC39H3 Immunology

BIOC54H3 Animal Behaviour

BIOC58H3 Biological Consequences of Global Change

BIOC65H3 Environmental Toxicology

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

8. 0.5 Credit of D-Level Courses

Choose From:

BIOD06H3 Advanced Topics in Neural Basis of Motor Control

BIOD07H3 Advanced Topics and Methods in Neural Circuit Analysis

BIOD08H3 Theoretical Neuroscience

BIOD12H3 Protein Homeostasis

BIOD15H3 Mechanisms of Gene Regulation in Health and Disease

BIOD17H3 Seminars in Cellular Microbiology

BIOD19H3 Epigenetics in Health and Disease

BIOD20H3 Special Topics in Virology

BIOD24H3 Human Stem Cell Biology and Regenerative Medicine

BIOD25H3 Genomics

BIOD26H3 Fungal Biology and Pathogenesis

BIOD27H3 Vertebrate Endocrinology

BIOD29H3 Pathobiology of Human Disease

BIOD32H3 Human Respiratory Pathophysiology

BIOD33H3 Comparative Animal Physiology

BIOD34H3 Conservation Physiology

BIOD36H3 Advanced Topics in Molecular Parasitology

BIOD43H3 Animal Movement and Exercise

BIOD59H3 Models in Ecology, Epidemiology and Conservation

BIOD65H3 Pathologies of the Nervous System

BIOD95H3 Supervised Study in Biology (topic must be human-related and approved by the program supervisor)

HTLD18H3 Dental Sciences

HLTD44H3 Environmental Contaminants, Vulnerability and Toxicity

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.

Adding PSYA06H3 as an option in the Statistics bin.

Adding STAB23H3 as an option in the Statistics bin.

Adding BIOC11H3 as a C level options and changing the title for BIOC21H3.

Updating course titles for HLTA02H3, HLTA03H3, HLTB15H3, HLTB16H3, HLTB20H3.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.

The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques.

BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Updating course titles for HLTA02H3, HLTA03H3, HLTB15H3, HLTB16H3, HLTB20H3 to ensure accuracy throughout the calendar.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025

RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025

DCC October 17, 2025

Department of Psychology (Ainsley Lawson) October 24, 2025

Department of CMS (Mike Malloy) November 7, 2025

Department of Health and Society (Lee B. for Sean R.) November 25, 2026

Resource Implications:

None

Proposal Status:

Under Review

SCMAJ0220: MAJOR PROGRAM IN MOLECULAR BIOLOGY, IMMUNOLOGY AND DISEASE (SCIENCE)

Completion Requirements:

Program Requirements

This program consists of 8.5 credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics

Choose from:

MATA29H3 Calculus I for the Life Sciences

MATA30H3 Calculus I for Physical Sciences

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

4. 2.5 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit in a Biology Core Lab

BIOB12H3 Cell and Molecular Biology Laboratory

Third/Fourth Years

6. 1.5 Credit of Required C-level Courses

BIOC17H3 Microbiology

BIOC20H3 Principles of Virology

BIOC39H3 Immunology

7. 1.0 Credit of Additional C-level Courses

Choose from:

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC12H3 Biochemistry I: Proteins & Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC14H3 Genes, Environment and Behaviour

BIOC15H3 Genetics

BIOC18H3 Looking Inside Cells Current Methods in Cell Biology

BIOC19H3 Animal Developmental Biology

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC31H3 Plant Development and Biotechnology

BIOC35H3 Principles of Parasitology

BIOC36H3 Synthetic Biology for Health and Agriculture

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

8. 0.5 credit of D-level Biology Courses

Choose from:

BIOD12H3 Protein Homeostasis

BIOD13H3 Herbology: The Science Behind Medicinal Plants

BIOD15H3 Mechanisms of Gene Regulation in Health and Disease

BIOD17H3 Seminars in Cellular Microbiology

BIOD18H3 Practical Approaches in Infection and Immunity

BIOD19H3 Epigenetics in Health and Disease

BIOD20H3 Special Topics in Virology

BIOD23H3 Special Topics in Cell Biology

BIOD24H3 Human Stem Cell Biology and Regenerative Medicine

BIOD25H3 Genomics

BIOD26H3 Fungal Biology and Pathogenesis

BIOD27H3 Vertebrate Endocrinology

BIOD29H3 Pathobiology of Human Disease

BIOD36H3 Advanced Topics in Molecular Parasitology

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.

Adding PSYA06H3 as an option in the Statistics bin.

Adding STAB23H3 as an option in the Statistics bin.

Adding BIOC11H3 and BIOC36H3 as C level options in a bin.

Rationale: The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3. BIOC36H3 - A course in Synthetic Biology would be a valuable addition by integrating and extending existing strengths in molecular biology, genetics, and bioinformatics toward the design and engineering of biological systems. BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.
Impact: This will add additional options for students in Statistics and at the C level.
Consultations: Campus Curriculum Committee Meeting September 29, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025 DCC October 17, 2025 Department of Psychology (Ainsley Lawson) October 24, 2025 Department of CMS (Mike Malloy) November 7, 2025
Resource Implications: None
Proposal Status: Under Review

SCMAJ1060: MAJOR PROGRAM IN PLANT BIOLOGY (SCIENCE)

Completion Requirements: Program Requirements Students are required to complete a total of 8.5 credits. Required Courses and Suggested Course Sequence: <i>First Year</i> 1. 1.0 Credit of Introductory Biology Courses BIOA01H3 Life on Earth: Unifying Principles BIOA02H3 Life on Earth: Form, Function and Interactions 2. 1.0 Credit of Introductory Chemistry Courses CHMA10H3 Introductory Chemistry I: Structure and Bonding [CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry] 3. 0.5 Credit in Mathematics or Statistics Courses Choose From: MATA29H3 Calculus I for the Life Sciences MATA30H3 Calculus I for Physical Sciences PSYA06H3 Introduction to Data Analysis for Scientific Literacy* (PSYB07H3) Data Analysis in Psychology STAB22H3 Statistics I STAB23H3 Introduction to Statistics for the Social Sciences* *Note: We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it. <i>Second Year</i> 4. 2.5 Credits of Biology Core Courses BIOB10H3 Cell Biology BIOB11H3 Molecular Aspects of Cellular and Genetic Processes BIOB38H3 Plants and Society BIOB50H3 Ecology BIOB51H3 Evolutionary Biology BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)* *Note: Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information. 5. 0.5 Credit of Biology Core Labs Choose From: BIOB12H3 Cell and Molecular Biology Laboratory BIOB52H3 Ecology and Evolutionary Biology Laboratory <i>Third Year</i> 6. 1.5 Credits of C-level Plant Courses BIOC31H3 Plant Development and Biotechnology BIOC37H3 Plants: Life on the Edge BIOC40H3 Plant Physiology <i>Third/ Fourth Year</i> 7. 1.0 Credit of Additional C-level Courses Choose From: BIOC12H3 Biochemistry I: Proteins and Enzymes BIOC13H3 Biochemistry II: Bioenergetics and Metabolism
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BIOC15H3 Genetics
 BIOC17H3 Microbiology
 BIOC30H3 From Genetic Codes to Fantastic Creatures
 BIOC35H3 Principles in Parasitology
 BIOC36H3 Synthetic Biology for Health and Agriculture
 BIOC50H3 Macroevolution
 BIOC52H3 Field Ecology
 BIOC61H3 Community Ecology and Environmental Biology
 BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*
 *Note: Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

8. 0.5 Credit of D-level Biology Courses

Choose From:
 BIOD12H3 Protein Homeostasis
 BIOD13H3 Herbology: The Science Behind Medicinal Plants
 BIOD21H3 Advanced Molecular Biology Laboratory
 BIOD26H3 Fungal Biology and Pathogenesis
 BIOD30H3 Plant Research and Biotechnology: Addressing Global Problems
 BIOD36H3 Advanced Topics in Molecular Parasitology
 BIOD37H3 Biology of Plant Stress
 BIOD62H3 Symbiosis: Interactions Between Species

Note: Students who are interested in research or graduate studies can choose to take BIOC99H3, BIOD95H3, BIOD98Y3 or BIOD99Y3 supervised study courses with faculty to obtain additional research experience and training in plant biology.

Description of Proposed Changes:

Adding PSYA06H3 as an option in the Statistics bin.
 Adding STAB23H3 as an option in the Statistics bin.
 Adding BIOC36H3 as a C level option.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
 BIOC36H3 - A course in Synthetic Biology would be a valuable addition by integrating and extending existing strengths in molecular biology, genetics, and bioinformatics toward the design and engineering of biological systems.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
 DCC October 17, 2025
 Department of Psychology (Ainsley Lawson) October 24, 2025
 Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCSPE1150C: SPECIALIST (CO-OPERATIVE) PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)

Completion Requirements:

Program Requirements:

The program requires students to complete a total of 14.5 credits.

A. Required Courses

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles
 BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding
 [CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Mathematics

Choose from:
 [MATA29H3 Calculus I for the Life Sciences and MATA35H3 Calculus II for Biological Sciences] or
 [MATA30H3 Calculus I for Physical Sciences and MATA36H3 Calculus II for Physical Sciences]

4. 0.5 Credit in Physics

Choose from:
 PHYA10H3 Physics I for the Physical Sciences
 PHYA11H3 Physics I for the Life Sciences

5. 0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for Computer Science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-Computer Science students)

Second Year

6. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 0.5 Credit of Biology Core Labs

BIOB52H3 Ecology and Evolutionary Biology Laboratory

8. 0.5 Credit in Statistics

Choose from:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Third Year

9. 2.5 Credits of C-level Ecology and Evolution Foundation Courses

BIOC16H3 Evolutionary Genetics and Genomics

BIOC50H3 Macroevolution

BIOC52H3 Field Ecology

BIOC61H3 Community Ecology and Environmental Biology

BIOC63H3 Conservation Biology

Third/Fourth Year

10. 4.0 credits of C- & D-level courses from Bins 1 and 2 below. This must include at least 1.0 credit from each bin and at least 1.0 credit total at the D-level.

Bin 1: C- & D-level Ecology and Evolution Courses

Choose from:

BIOC51H3 ~~Tropical~~ Biodiversity and Conservation Field Course

BIOC58H3 Biological Consequences of Global Change

BIOC60H3 Winter Ecology

BIOC65H3 Environmental Toxicology

BIOD25H3 Genomics

BIOD52H3 Biodiversity and Conservation

BIOD54H3 Applied Conservation Biology

BIOD55H3 Experimental Animal Behaviour

BIOD59H3 Models in Ecology, Epidemiology and Conservation

BIOD60H3 Spatial Ecology

BIOD62H3 Symbiosis: Interactions Between Species

BIOD63H3 From Individuals to Ecosystems: Advanced Topics in Ecology

BIOD66H3 Quantitative Ecological and Biodiversity Analysis

BIOD67H3 Inter-University Biology Field Course

EESC04H3 Biodiversity and Biogeography

Bin 2: C- & D-level Organismal Biology Courses

Choose from:

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC29H3 Introductory Mycology

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC37H3 Plants: Life on the Edge

BIOC40H3 Plant Physiology

BIOC54H3 Animal Behaviour

BIOC59H3 Advanced Population Ecology

BIOC62H3 Role of Zoos and Aquariums in Conservation

BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)

BIOD26H3 Fungal Biology & Pathogenesis

BIOD34H3 Conservation Physiology

BIOD37H3 Biology of Plant Stress

BIOD43H3 Animal Movement and Exercise

BIOD45H3 Animal Communication

BIOD48H3 Ornithology

BIOD53H3 Special Topics in Animal Behaviour

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

EESC30H3 Environmental Microbiology

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

B. Senior Research Courses (optional)

Students interested in graduate research are encouraged to take one or more of the independent research courses offered in Biological Sciences as part of their degree.

BIOD95H3 Supervised Study in Biology

BIOD98Y3 Directed Research in Biology

BIOD99Y3 Directed Research in Biology

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

Three 4-month work terms, *or*

- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semesters.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

- COPB50H3
- COPB54H3/(COPB51H3)

Work Term Search Courses:

- COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)
- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

- COPC04H3 (Fourth work term)
- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.

Adding PSYA06H3 as an option in the Statistics bin.

Adding STAB23H3 as an option in the Statistics bin.

Changing BIOC51H3 course title.

Adding BIOC11H3 as a C level options in the Organismal Biology bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.

The title for BIOC51H3 has been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica.

BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering in our Cellular and Organismal Biology bin

to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.
Impact: This will add additional options for students in Statistics and at the C level.
Consultations: Campus Curriculum Committee Meeting September 29, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025 DCC October 17, 2025 Department of Psychology (Ainsley Lawson) October 24, 2025 Department of CMS (Mike Malloy) November 7, 2025
Resource Implications: None
Proposal Status: Under Review

SCSPE0215C: SPECIALIST (CO-OPERATIVE) PROGRAM IN HUMAN BIOLOGY (SCIENCE)

Completion Requirements:

Program Requirements

This Program consists of 15.0 credits.

Required Courses and Suggested Course Sequence

First Year

1. 1.0 credit in Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 credit in Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 credit in Mathematics

[MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]

and

[MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 1.0 credit in Introductory Physics Courses

[PHYA10H3 Physics I for the Physical Sciences or PHYA11H3 Physics I for the Life Sciences]

[PHYA21H3 Physics II for the Physical Sciences or PHYA22H3 Physics II for the Life Sciences]

5. 0.5 credit in Statistics

Choose From:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

6. 3.0 credits in Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 1.0 credit in Biology Core Labs

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

8. 1.0 credit in Organic Chemistry Courses

CHMB41H3 Organic Chemistry I

CHMB42H3 Organic Chemistry II

Third/Fourth Years

9. 2.5 credits in C-level Biology Core Courses

Choose From:

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC20H3 Principles of Virology

BIOC32H3 Human Physiology I

BIOC34H3 Human Physiology II

10. 1.5 credits in Additional C-level Biology Courses

Choose From:

ANTC47H3 Human and Primate Comparative Osteology
ANTC48H3 Advanced Topics In Human Osteology
BIOC10H3 Cell Biology: Proteins from Life to Death
BIOC11H3 Microbial Communities in Nature, Health and Industry
BIOC12H3 Biochemistry I: Proteins and Enzymes
BIOC13H3 Biochemistry II: Bioenergetics and Metabolism
BIOC14H3 Genes, Environment and Behaviour
BIOC16H3 Evolutionary Genetics and Genomics
BIOC18H3 Looking Inside Cells Current Methods in Cell Biology
BIOC19H3 Animal Developmental Biology
BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques
BIOC30H3 From Genetic Codes to Fantastic Creatures
BIOC35H3 Principles of Parasitology
BIOC40H3 Plant Physiology
BIOC58H3 Biological Consequences of Global Change
BIOC65H3 Environmental Toxicology
BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)
BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

11. 1.0 credit in D-level Courses

Choose From:

BIOD06H3 Advanced Topics in Neural Basis of Motor Control
BIOD07H3 Advanced Topics and Methods in Neural Circuit Analysis
BIOD12H3 Protein Homeostasis
BIOD13H3 Herbology: The Science Behind Medicinal Plants
BIOD15H3 Mechanisms of Gene Regulation in Health and Disease
BIOD17H3 Seminars in Cellular Microbiology
BIOD18H3 Practical Approaches in Infection and Immunity
BIOD19H3 Epigenetics in Health and Disease
BIOD20H3 Special Topics in Virology
BIOD24H3 Human Stem Cell Biology and Regenerative Medicine
BIOD25H3 Genomics
BIOD26H3 Fungal Biology and Pathogenesis
BIOD27H3 Vertebrate Endocrinology
BIOD29H3 Pathobiology of Human Disease
BIOD32H3 Human Respiratory Pathophysiology
BIOD33H3 Comparative Animal Physiology
BIOD34H3 Conservation Physiology
BIOD36H3 Advanced Topics in Molecular Parasitology
BIOD37H3 Biology of Plant Stress
BIOD43H3 Animal Movement and Exercise
BIOD59H3 Models in Ecology, Epidemiology and Conservation
BIOD65H3 Pathologies of the Nervous System
HTLD18H3 Dental Sciences
HLTD44H3 Environmental Contaminants, Vulnerability and Toxicity

12. 0.5 credit in Courses Related to Human Health ~~Psychology or Health Studies~~

Choose From:

HLTA02H3 Exploring Health and Society: Theories, Perspectives, and Patterns ~~Foundations in Health Studies I~~
HLTA03H3 Navigating Health and Society: Research, Practice, and Policy ~~Foundations in Health Studies II~~
HLTB15H3 ~~Introduction to~~ Health Research Methodology
HLTB16H3 ~~Introduction to~~ Public Health
HLTB20H3 Human Biological Variation and Evolution ~~Contemporary Human Evolution and Variation~~
HLTB22H3 Biological Determinants of Health
HLTB40H3 Health Policy and Health Systems
HLTB44H3 Pathophysiology and Etiology of Disease
PSYA01H3 Introduction to Biological and Cognitive Psychology
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social Psychology

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

- Three 4-month work terms, *or*
- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in

either the Fall or Winter semester. As a result, students must also take courses during the Summer semesters.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements
Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

- COPB50H3
- COPB54H3/(COPB51H3)

Work Term Search Courses:

COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)

- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:
After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

- COPC04H3 (Fourth work term)
- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:
Putting brackets around PSYB07H3 due to retirement.
Adding PSYA06H3 as an option in the Statistics bin.
Adding STAB23H3 as an option in the Statistics bin.
Changing BIOC21H3 course title.
Adding BIOC11H3 as a C level options in the Organismal Biology bin.
Correcting the Psychology and Health and Society bin title (bin 12) to match the major program bin title (editorial).
Updating course titles for HLTA02H3, HLTA03H3, HLTB15H3, HLTB16H3, HLTB20H3.

Rationale:
The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques.
BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.
We are updating the title of the Psychology and Health and Society bin (bin 12) to match our major program bin completed in a previous curriculum cycle.
Updating course titles for HLTA02H3, HLTA03H3, HLTB15H3, HLTB16H3, HLTB20H3 to ensure accuracy throughout the calendar.

Impact:
This will add additional options for students in Statistics and at the C level.

Consultations:
Campus Curriculum Committee Meeting September 29, 2025
RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
DCC October 17, 2025
Department of Psychology (Ainsley Lawson) October 24, 2025
Department of CMS (Mike Malloy) November 7, 2025
Department of Health and Society (Lee B. for Sean R.) November 25, 2026

Resource Implications:
None

Proposal Status:
Under Review

Completion Requirements:

Program Requirements:

This program consists of 14.5 required credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Mathematics

Choose from:

[MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]

and

[MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 0.5 Credit in Physics

Choose from:

PHYA10H3 Physics I for the Physical Sciences

PHYA11H3 Physics I for the Life Sciences

5. 0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

Second Year

6. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 0.5 Credit of Biology Core Labs

Choose from:

BIOB12H3 Cell and Molecular Biology Laboratory

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

BIOB52H3 Ecology and Evolutionary Biology Laboratory

8. 0.5 Credit in Statistics

Choose from:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Third/Fourth Year

9. 2.5 Credits of Biology Foundation Courses

BIOC15H3 Genetics

BIOC17H3 Microbiology

[BIOC37H3 Plants: Life on the Edge or BIOC40H3 Plant Physiology]

BIOC54H3 Animal Behaviour

BIOC61H3 Community Ecology

10. 1.0 Credit of Advanced Courses in Cellular and Organismal Biology

Choose from:

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC18H3 Looking Inside Cells Current Methods in Cell Biology

BIOC20H3 Principles of Virology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques

BIOC23H3 Practical Approaches to Biochemistry

BIOC29H3 Introductory Mycology

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC32H3 Human Physiology I

BIOC34H3 Human Physiology II

[BIOC37H3 Plants: Life on the Edge or BIOC40H3 Plant Physiology; whichever course is not used to fulfill Biology Foundation course requirement]

BIOC39H3 Immunology
BIOC65H3 Environmental Toxicology
BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)
BIOC44H3 Neuroethology

11. 1.0 Credit of Advanced Courses in Ecology and Conservation

Choose from:

BIOC50H3 Macroevolution
BIOC51H3 ~~Tropical~~ Biodiversity and Conservation Field Course
BIOC52H3 Ecology Field Course
BIOC58H3 Biological Consequences of Global Change
BIOC59H3 Advanced Population Ecology
BIOC60H3 Winter Ecology
BIOC62H3 Role of Zoos and Aquariums in Conservation
BIOC63H3 Conservation Biology
(BIOC67H3) Inter-University Biology Field Course
EESC04H3 Biodiversity and Biogeography

12. 1.0 Credit of Advanced Courses in Genes and Development

Choose from:

BIOC10H3 Cell Biology: Proteins from Life to Death
BIOC14H3 Genes, Environment and Behaviour
BIOC16H3 Evolutionary Genetics and Genomics
BIOC19H3 Animal Developmental Biology
BIOC31H3 Plant Development and Biotechnology
BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

*Note: Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

13. 1.0 Credit of D-Level Biology Courses

Choose from:

Any BIO D-level course offered by the Biological Sciences department.

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

Three 4-month work terms, *or*

- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semesters.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

- COPB50H3
- COPB54H3/(COPB51H3)

Work Term Search Courses:

- COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)
- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

- COPC04H3 (Fourth work term)
- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the UTSC *Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.
 Adding PSYA06H3 as an option in the Statistics bin.
 Adding STAB23H3 as an option in the Statistics bin.
 Changing BIOC21H3 and BIOC51H3 course titles.
 Adding BIOC11H3 as a C level options in the Advanced Courses in Cellular and Organismal Biology bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
 The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques.
 The title for BIOC51H3 has been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica.
 BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering in our Cellular and Organismal Biology bin to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
 DCC October 17, 2025
 Department of Psychology (Ainsley Lawson) October 24, 2025
 Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCSPE1203C: SPECIALIST (CO-OPERATIVE) PROGRAM IN MOLECULAR BIOLOGY AND BIOTECHNOLOGY (SCIENCE)

Completion Requirements:

Program Requirements

The program requires students to complete a total of 14.5 credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles
 BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding
 [CHMA11H3 Introductory Chemistry I: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Mathematics

Choose from:
 [MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]
 and
 [MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 1.0 Credit in Physics

[PHYA10H3 Physics I for the Physical Sciences or PHYA11H3 Physics I for the Life Sciences]
 [PHYA21H3 Physics II for the Physical Sciences or PHYA22H3 Physics II for the Life Sciences]

5. 0.5 Credit in Statistics

Choose from:
 PSYA06H3 Introduction to Data Analysis for Scientific Literacy*
 (PSYB07H3) Data Analysis in Psychology
 STAB22H3 Statistics I
 STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

6. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes
BIOB34H3 Animal Physiology
BIOB38H3 Plants and Society
BIOB50H3 Ecology
BIOB51H3 Evolutionary Biology
BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 0.5 Credit of Biology Core Labs

BIOB12H3 Cell and Molecular Biology Laboratory

8. 1.0 Credit of Organic Chemistry Courses

CHMB41H3 Organic Chemistry I

CHMB42H3 Organic Chemistry II

Note: Computer Science might be taken in this year and will enhance Co-op placement options.

Third Year

9. 3.5 Credits of Biology C-level Courses

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC20H3 Principles of Virology

BIOC23H3 Practical Approaches to Biochemistry

BIOC39H3 Immunology (can be completed in third or fourth year)

10. 0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

Third/Fourth Year

11. 0.5 Credit of Cognate Biology Courses

Choose from:

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC14H3 Genes, Environment and Behaviour

BIOC18H3 Looking Inside Cells Current Methods in Cell Biology

BIOC19H3 Animal Developmental Biology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues **and Techniques**

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC31H3 Plant Development and Biotechnology

BIOC35H3 Principles of Parasitology

BIOC36H3 Synthetic Biology for Health & Agriculture

BIOC40H3 Plant Physiology

BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)

BIOD37H3 Biology of Plant Stress

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

12. 0.5 Credit in Advanced Molecular Techniques

BIOD21H3 Advanced Molecular Biology Laboratory

13. 0.5 Credit of D-level Research-Oriented "Cell & Molecular" Course Work

Choose from:

BIOD12H3 Protein Homeostasis

BIOD13H3 Herbology: The Science Behind Medicinal Plants

BIOD15H3 Mechanisms of Gene Regulation in Health and Disease

BIOD17H3 Seminars in Cellular Microbiology

BIOD18H3 Practical Approaches in Infection and Immunity

BIOD19H3 Epigenetics in Health and Disease

BIOD20H3 Special Topics in Virology

BIOD22H3 Molecular Biology of the Stress Response

BIOD23H3 Special Topics in Cell Biology

BIOD24H3 Human Stem Cell Biology and Regenerative Medicine

BIOD25H3 Genomics

BIOD26H3 Fungal Biology and Pathogenesis

BIOD27H3 Vertebrate Endocrinology

BIOD29H3 Pathobiology of Human Disease

BIOD30H3 Plant Research and Biotechnology: Addressing Global Problems

BIOD36H3 Advanced Topics in Molecular Parasitology

BIOD95H3 Supervised Study in Biology

BIOD98Y3 Directed Research in Biology

Note: Any of these courses not used to satisfy this requirement can be used to fulfill the '0.5 credit of Cognate Biology Courses.'

Planning Your Co-op Work Terms & Academics

Enrollment in a Co-op program requires careful planning of both academics and work terms. Students should consult their Co-op Program Coordinator and Department Academic Program Advisors, as well as review the standard co-op sequences and course maps available on the Arts & Science Co-op website and

Arts and Science Co-op Compass for guidance.

Co-op Work Term Requirements

Students must successfully complete three Co-op work terms, totaling 12 months in duration, which can be fulfilled through the following options:

- Three 4-month work terms, *or*
- One 4-month work term and one 8-month work term, *or*
- One 12-month work term.

Students must be available for work terms during the Fall, Winter, and Summer semesters, and are required to complete at least one of their work terms in either the Fall or Winter semester. As a result, students must also take courses during the Summer semesters.

To be eligible for their first work term, students must be enrolled in the program, have completed at least 7.0 credits, and maintain a CGPA of 2.50 or higher. In addition to their academic courses, students must also complete the required Co-op preparation courses.

Co-op Course Requirements

Co-op students complete the following Co-op-specific courses as part of their degree:

Co-op Preparation Courses (Completed in First Year):

- COPB50H3
- COPB54H3/(COPB51H3)

Work Term Search Courses:

- COPB55H3/(COPB52H3) (Completed in the semester prior to the first work term)
- COPC98H3 (Taken in the semester prior to the second work term)
- COPC99H3 (Taken in the semester prior to the third work term)

Required Work Term Courses:

- COPC01H3 (First work term)
- COPC02H3 (Second work term)
- COPC03H3 (Third work term)

Additional Work Terms & Courses:

After successful completion of the three required work terms, students interested in additional work terms will require approval from the Arts & Science Co-op Office. Additional coursework will also be required:

- COPC04H3 (Fourth work term)
- COPC05H3 (Fifth work term)

Note: Co-op courses are taken alongside a full course load and are recorded on transcripts as Credit/No Credit (CR/NCR). These courses have no credit weight and are considered additional credits beyond the 20.0 required degree credits. No additional course fee is charged, as registration is included in the Co-op Program fee.

For information on course codes, fees, status in Co-op programs, and certification of completion of Co-op programs, see the [Co-operative Programs](#) section and the [Arts and Science Co-op](#) section in the *UTSC Calendar*.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.
Adding PSYA06H3 as an option in the Statistics bin.
Adding STAB23H3 as an option in the Statistics bin.
Changing BIOC21H3 course title.
Adding BIOC11H3 and BIOC36H3 as C level options in the Cognate Biology bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3. The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques. BIOC36H3 - A course in Synthetic Biology would be a valuable addition by integrating and extending existing strengths in molecular biology, genetics, and bioinformatics toward the design and engineering of biological systems. BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
DCC October 17, 2025
Department of Psychology (Ainsley Lawson) October 24, 2025
Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCSPE1150: SPECIALIST PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE)**Completion Requirements:****Program Requirements**

This program consists of 14.5 required credits.

A. Required Courses*First Year***1. 1.0 Credit of Introductory Biology Courses**

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Mathematics

Choose from:

[MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]

and

[MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 0.5 Credit in Physics

Choose from:

PHYA10H3 Physics I for the Physical Sciences

PHYA11H3 Physics I for the Life Sciences

5. 0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

*Second Year***6. 3.0 Credits of Biology Core Courses**

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.**7. 0.5 Credit of Biology Core Labs**

BIOB52H3 Ecology and Evolutionary Biology Laboratory

8. 0.5 Credit in Statistics

Choose from:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.*Third Year9. 2.5 Credits of C-level Ecology and Evolution Foundation Courses**

BIOC16H3 Evolutionary Genetics and Genomics

BIOC50H3 Macroevolution

BIOC52H3 Field Ecology

BIOC61H3 Community Ecology and Environmental Biology

BIOC63H3 Conservation Biology

*Third/Fourth Year***10. 4.0 credits of C- & D-level courses from Bins 1 and 2 below. This must include at least 1.0 credit from each bin and at least 1.0 credit total at the D-level.***Bin 1: C- & D-level Ecology and Evolution Courses*

Choose from:

BIOC51H3 ~~Tropical~~ Biodiversity and Conservation Field Course

BIOC58H3 Biological Consequences of Global Change

BIOC60H3 Winter Ecology

BIO65H3 Environmental Toxicology (BIOC67H3) Inter-University Biology Field Course BIOD25H3 Genomics BIOD52H3 Biodiversity and Conservation BIOD54H3 Applied Conservation Biology BIOD55H3 Experimental Animal Behaviour BIOD59H3 Models in Ecology, Epidemiology and Conservation BIOD60H3 Spatial Ecology BIOD62H3 Symbiosis: Interactions Between Species BIOD63H3 From Individuals to Ecosystems: Advanced Topics in Ecology BIOD66H3 Quantitative Ecological and Biodiversity Analysis BIOD67H3 Inter-University Biology Field Course EESC04H3 Biodiversity and Biogeography <i>Bin 2: C- & D-level Organismal Biology Courses</i> Choose from: BIOC11H3 Microbial Communities in Nature, Health and Industry BIOC29H3 Introductory Mycology BIOC30H3 From Genetic Codes to Fantastic Creatures BIOC37H3 Plants: Life on the Edge BIOC40H3 Plant Physiology BIOC54H3 Animal Behaviour BIOC59H3 Advanced Population Ecology BIOC62H3 Role of Zoos and Aquariums in Conservation BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine) BIOD26H3 Fungal Biology & Pathogenesis BIOD34H3 Conservation Physiology BIOD37H3 Biology of Plant Stress BIOD43H3 Animal Movement and Exercise BIOD45H3 Animal Communication BIOD48H3 Ornithology BIOD53H3 Special Topics in Animal Behaviour BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)* EESC30H3 Environmental Microbiology *Note: Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information. B. Senior Research Courses (optional) Students interested in graduate research are encouraged to take one or more of the independent research courses offered in Biological Sciences as part of their degree. BIOD95H3 Supervised Study in Biology BIOD98Y3 Directed Research in Biology BIOD99Y3 Directed Research in Biology
Description of Proposed Changes: Putting brackets around PSYB07H3 due to retirement. Adding PSYA06H3 as an option in the Statistics bin. Adding STAB23H3 as an option in the Statistics bin. Changing BIOC51H3 course title. Adding BIOC11H3 as a C level options in the Organismal Biology bin.
Rationale: The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3. The title for BIOC51H3 has been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica. BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering in our Cellular and Organismal Biology bin to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.
Impact: This will add additional options for students in Statistics and at the C level.
Consultations: Campus Curriculum Committee Meeting September 29, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025 DCC October 17, 2025 Department of Psychology (Ainsley Lawson) October 24, 2025 Department of CMS (Mike Malloy) November 7, 2025
Resource Implications: None
Proposal Status: Under Review

SCSPE0215: SPECIALIST PROGRAM IN HUMAN BIOLOGY (SCIENCE)

Completion Requirements:
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Program Requirements

This Program consists of 15.0 credits.

Required Courses and Suggested Course Sequence

First Year

1. 1.0 credit in Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 credit in Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 credit in Mathematics

[MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]

and

[MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 1.0 credit in Introductory Physics Courses

[PHYA10H3 Physics I for the Physical Sciences or PHYA11H3 Physics I for the Life Sciences]

[PHYA21H3 Physics II for the Physical Sciences or PHYA22H3 Physics II for the Life Sciences]

5. 0.5 credit in Statistics

Choose From:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

6. 3.0 credits in Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 1.0 credit in Biology Core Labs

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

8. 1.0 credit in Organic Chemistry Courses

CHMB41H3 Organic Chemistry I

CHMB42H3 Organic Chemistry II

Third/Fourth Years

9. 2.5 credits in C-level Biology Core Courses

Choose From:

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC20H3 Principles of Virology

BIOC32H3 Human Physiology I

BIOC34H3 Human Physiology II

BIOC39H3 Immunology

10. 1.5 credits in Additional C-level Biology Courses

Choose From:

ANTC47H3 Human Skeletal Anatomy and Biology

ANTC48H3 Advanced Topics In Human Osteology

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC14H3 Genes, Environment and Behaviour

BIOC16H3 Evolutionary Genetics and Genomics

BIOC18H3 Looking Inside Cells Current Methods in Cell Biology

BIOC19H3 Animal Developmental Biology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC35H3 Principles of Parasitology

BIOC40H3 Plant Physiology

BIOC58H3 Biological Consequences of Global Change

BIOC65H3 Environmental Toxicology

BIO70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)
 BIO90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*
 *Note: Completion of BIO90H3 is a graduation requirement for students in this program. Please see BIO90H3 in the Calendar for important information.

11. 1.0 credit in D-level Courses

- Choose From:
- BIOD06H3 Advanced Topics in Neural Basis of Motor Control
 - BIOD07H3 Advanced Topics and Methods in Neural Circuit Analysis
 - BIOD12H3 Protein Homeostasis
 - BIOD13H3 Herbology: The Science Behind Medicinal Plants
 - BIOD15H3 Mechanisms of Gene Regulation in Health and Disease
 - BIOD17H3 Seminars in Cellular Microbiology
 - BIOD18H3 Practical Approaches in Infection and Immunity
 - BIOD19H3 Epigenetics in Health and Disease
 - BIOD20H3 Special Topics in Virology
 - BIOD24H3 Human Stem Cell Biology and Regenerative Medicine
 - BIOD25H3 Genomics
 - BIOD26H3 Fungal Biology and Pathogenesis
 - BIOD27H3 Vertebrate Endocrinology
 - BIOD29H3 Pathobiology of Human Disease
 - BIOD32H3 Human Respiratory Pathophysiology
 - BIOD33H3 Comparative Animal Physiology
 - BIOD34H3 Conservation Physiology
 - BIOD36H3 Advanced Topics in Molecular Parasitology
 - BIOD37H3 Biology of Plant Stress
 - BIOD43H3 Animal Movement and Exercise
 - BIOD59H3 Models in Ecology, Epidemiology and Conservation
 - BIOD65H3 Pathologies of the Nervous System
 - HTLD18H3 Dental Sciences
 - HLTD44H3 Environmental Contaminants, Vulnerability and Toxicity

12. 0.5 credit in Courses Related to Human Health ~~Psychology or Health Studies~~

- Choose From:
- HLTA02H3 Exploring Health and Society: Theories, Perspectives, and Patterns
 - HLTA03H3 Navigating Health and Society: Research, Practice, and Policy
 - HLTB15H3 Health Research Methodology
 - HLTB16H3 Public Health
 - HLTB20H3 Human Biological Variation and Evolution
 - HLTB22H3 Biological Determinants of Health
 - HLTB40H3 Health Policy and Health Systems
 - HLTB44H3 Pathophysiology and Etiology of Disease
 - PSYA01H3 Introduction to Biological and Cognitive Psychology
 - PSYA02H3 Introduction to Clinical, Developmental, Personality and Social Psychology

Description of Proposed Changes:

- Putting brackets around PSYB07H3 due to retirement.
- Adding PSYA06H3 as an option in the Statistics bin.
- Adding STAB23H3 as an option in the Statistics bin.
- Changing BIO21H3 course title.
- Adding BIO11H3 as a C level options in the Organismal Biology bin.
- Correcting the Psychology and Health and Society bin title (bin 12) to match the major program bin title (editorial).

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.

The title for BIO21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques.

BIO11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

We are updating the title of the Psychology and Health and Society bin (bin 12) to match our major program bin completed in a previous curriculum cycle.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

- Campus Curriculum Committee Meeting September 29, 2025
- RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
- DCC October 17, 2025
- Department of Psychology (Ainsley Lawson) October 24, 2025
- Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

Completion Requirements:

Program Requirements

This program consists of 14.5 required credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles

BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding

[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 1.0 Credit in Mathematics

Choose from:

[MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]

and

[MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 0.5 Credit in Physics

Choose from:

PHYA10H3 Physics I for the Physical Sciences

PHYA11H3 Physics I for the Life Sciences

5. 0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

Second Year

6. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 0.5 Credit of Biology Core Labs

Choose from:

BIOB12H3 Cell and Molecular Biology Laboratory

BIOB32H3 Animal Physiology Laboratory

BIOB33H3 Human Development and Anatomy

BIOB52H3 Ecology and Evolutionary Biology Laboratory

8. 0.5 Credit in Statistics

Choose from:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Third/Fourth Year

9. 2.5 Credits of Biology Foundation Courses

BIOC15H3 Genetics

BIOC17H3 Microbiology

[BIOC37H3 Plants: Life on the Edge or BIOC40H3 Plant Physiology]

BIOC54H3 Animal Behaviour

BIOC61H3 Community Ecology

10. 1.0 Credit of Advanced Courses in Cellular and Organismal Biology

Choose from:

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC12H3 Biochemistry I: Proteins and Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC18H3 Looking Inside Cells Current Methods in Cell Biology

BIOC20H3 Principles of Virology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques

BIOC23H3 Practical Approaches to Biochemistry

BIOC29H3 Introductory Mycology

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC32H3 Human Physiology I

BIOC34H3 Human Physiology II

[BIOC37H3 Plants: Life on the Edge or BIOC40H3 Plant Physiology; whichever course is not used to fulfill Biology Foundation course requirement]

BIOC39H3 Immunology
BIOC65H3 Environmental Toxicology
BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)
BIOC44H3 Neuroethology

11. 1.0 Credit of Advanced Courses in Ecology and Conservation

Choose from:
BIOC50H3 Macroevolution
BIOC51H3 ~~Tropical~~ Biodiversity and Conservation Field Course
BIOC52H3 Ecology Field Course
BIOC58H3 Biological Consequences of Global Change
BIOC59H3 Advanced Population Ecology
BIOC60H3 Winter Ecology
BIOC62H3 Role of Zoos and Aquariums in Conservation
BIOC63H3 Conservation Biology
(BIOC67H3) Inter-University Biology Field Course
EESC04H3 Biodiversity and Biogeography

12. 1.0 Credit of Advanced Courses in Genes and Development

Choose from:
BIOC10H3 Cell Biology: Proteins from Life to Death
BIOC14H3 Genes, Environment and Behaviour
BIOC16H3 Evolutionary Genetics and Genomics
BIOC19H3 Animal Developmental Biology
BIOC31H3 Plant Development and Biotechnology
BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*
***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

13. 1.0 Credit of D-Level Biology Courses

Choose from:
Any BIO D-level course offered by the Biological Sciences department.

Description of Proposed Changes:

Putting brackets around PSYB07H3 due to retirement.
Adding PSYA06H3 as an option in the Statistics bin.
Adding STAB23H3 as an option in the Statistics bin.
Changing BIOC21H3 and BIOC51H3 course titles.
Adding BIOC11H3 as a C level options in the Advanced Courses in Cellular and Organismal Biology bin.

Rationale:

The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3.
The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques.
The title for BIOC51H3 has been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica.
BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering in our Cellular and Organismal Biology bin to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.

Impact:

This will add additional options for students in Statistics and at the C level.

Consultations:

Campus Curriculum Committee Meeting September 29, 2025
RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025
DCC October 17, 2025
Department of Psychology (Ainsley Lawson) October 24, 2025
Department of CMS (Mike Malloy) November 7, 2025

Resource Implications:

None

Proposal Status:

Under Review

SCSPE1203: SPECIALIST PROGRAM IN MOLECULAR BIOLOGY AND BIOTECHNOLOGY (SCIENCE)

Completion Requirements:

Program Requirements
This program consists of 14.5 required credits.

First Year

1. 1.0 Credit of Introductory Biology Courses

BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 General Chemistry]

3. 1.0 Credit in Mathematics

Choose from:

[MATA29H3 Calculus I for the Life Sciences or MATA30H3 Calculus I for Physical Sciences]

and

[MATA35H3 Calculus II for Biological Sciences or MATA36H3 Calculus II for Physical Sciences]

4. 1.0 Credit in Physics

[PHYA10H3 Physics I for the Physical Sciences or PHYA11H3 Physics I for the Life Sciences]

[PHYA21H3 Physics II for the Physical Sciences or PHYA22H3 Physics II for the Life Sciences]

5. 0.5 Credit in Statistics

Choose from:

PSYA06H3 Introduction to Data Analysis for Scientific Literacy*

(PSYB07H3) Data Analysis in Psychology

STAB22H3 Statistics I

STAB23H3 Introduction to Statistics for the Social Sciences*

***Note:** We recommend students take STAB22H3 and only consider PSYA06H3 if taking PSYA01H3 or PSYA02H3 in their first year or STAB23H3 if students have previously taken or are currently taking STAB23H3 while pursuing a program that requires it.

Second Year

6. 3.0 Credits of Biology Core Courses

BIOB10H3 Cell Biology

BIOB11H3 Molecular Aspects of Cellular and Genetic Processes

BIOB34H3 Animal Physiology

BIOB38H3 Plants and Society

BIOB50H3 Ecology

BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOB90H3 is a graduation requirement for students in this program. Please see BIOB90H3 in the Calendar for important information.

7. 0.5 Credit of Biology Core Labs

BIOB12H3 Cell and Molecular Biology Laboratory

8. 1.0 Credit of Organic Chemistry Courses

CHMB41H3 Organic Chemistry I

CHMB42H3 Organic Chemistry II

Third Year

9. 3.5 Credits of Biology C-level Courses

BIOC12H3 Biochemistry I: Proteins & Enzymes

BIOC13H3 Biochemistry II: Bioenergetics and Metabolism

BIOC15H3 Genetics

BIOC17H3 Microbiology

BIOC20H3 Principles of Virology

BIOC23H3 Practical Approaches to Biochemistry

BIOC39H3 Immunology (can be completed in third or fourth year)

10. 0.5 Credit in Computer Science

Choose from:

CSCA08H3 Introduction to Computer Science I (most appropriate course for computer science students)

CSCA20H3 Introduction to Programming (most appropriate course for non-computer science students)

(computer science could also be taken in an earlier year)

Third/Fourth Year

11. 0.5 Credit of Cognate Biology Courses

Choose from:

BIOC10H3 Cell Biology: Proteins from Life to Death

BIOC11H3 Microbial Communities in Nature, Health and Industry

BIOC14H3 Genes, Environment and Behaviour

BIOC18H3 Looking Inside Cells: Current Methods in Cell Biology

BIOC19H3 Animal Developmental Biology

BIOC21H3 Vertebrate Histology: Cells, ~~and~~ Tissues and Techniques

BIOC30H3 From Genetic Codes to Fantastic Creatures

BIOC31H3 Plant Development and Biotechnology

BIOC35H3 Principles of Parasitology

BIOC36H3 Synthetic Biology for Health and Agriculture

BIOC40H3 Plant Physiology

BIOC70H3 An Introduction to Bias in STEMM (Science, Technology, Engineering, Mathematics and Medicine)

BIOD37H3 Biology of Plant Stress

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*

***Note:** Completion of BIOC90H3 is a graduation requirement for students in this program. Please see BIOC90H3 in the Calendar for important information.

Fourth Year

12. 0.5 Credit in Advanced Molecular Techniques

BIOD21H3 Advanced Molecular Biology Laboratory

13. 0.5 credit of D-level Research-oriented "Cell & Molecular" Course Work Choose from: BIOD12H3 Protein Homeostasis BIOD13H3 Herbiology: The Science Behind Medicinal Plants BIOD15H3 Mechanisms of Gene Regulation in Health and Disease BIOD17H3 Seminars in Cellular Microbiology BIOD18H3 Practical Approaches in Infection and Immunity BIOD19H3 Epigenetics in Health and Disease BIOD20H3 Special Topics in Virology BIOD22H3 Molecular Biology of the Stress Response BIOD23H3 Special Topics in Cell Biology BIOD24H3 Human Stem Cell Biology and Regenerative Medicine BIOD25H3 Genomics BIOD26H3 Fungal Biology and Pathogenesis BIOD27H3 Vertebrate Endocrinology BIOD29H3 Pathobiology of Human Disease BIOD30H3 Plant Research and Biotechnology: Addressing Global Problems BIOD36H3 Advanced Topics in Molecular Parasitology BIOD95H3 Supervised Study in Biology BIOD98Y3 Directed Research in Biology Note: Any of these courses not used to satisfy this requirement may be used to fulfill the '0.5 Credit of Cognate Biology Courses'.
Description of Proposed Changes: Putting brackets around PSYB07H3 due to retirement. Adding PSYA06H3 as an option in the Statistics bin. Adding STAB23H3 as an option in the Statistics bin. Changing BIOC21H3 course title. Adding BIOC11H3 and BIOC36H3 as C level options in the Cognate Biology bin.
Rationale: The Department of Psychology has decided to retire PSYB07H3 in this calendar cycle, therefore we are adding brackets around the course to ensure students who are currently enrolled can continue to use this course as a program requirement and adding PSYA06H3 on the recommendation of the Department of Psychology as a replacement to ensure our students have sufficient options to not delay their graduation. We are also adding STAB23H3 as an option for students who have already completed this course prior to enrolling in the program as it is an exclusion to STAB22H3. The title for BIOC21H3 will better reflect the topics covered in the course highlighting histological techniques and how they work and the ability to troubleshoot these techniques. BIOC36H3 - A course in Synthetic Biology would be a valuable addition by integrating and extending existing strengths in molecular biology, genetics, and bioinformatics toward the design and engineering of biological systems. BIOC11H3 - A course in Microbial Communities in Nature, Health and Industry will expand our C level offering to enhance their development of the concept of One Health, recognizing the interconnectedness of human, animal, plant and microbes optimizing health of communities and ecosystems and supporting the SAMIH initiatives.
Impact: This will add additional options for students in Statistics and at the C level.
Consultations: Campus Curriculum Committee Meeting September 29, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 14, 2025 DCC October 17, 2025 Department of Psychology (Ainsley Lawson) October 24, 2025 Department of CMS (Mike Malloy) November 7, 2025
Resource Implications: None
Proposal Status: Under Review

17 Course Modifications

BIOA02H3: Life on Earth: Form, Function and Interactions

Course Experience: None Partnership-Based Experience
Rationale: Revising EL tagging to be Partnership-Based per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOB90H3: Integrative Research Poster Project

Course Experience:

None Partnership-Based Experience
Rationale: Revising EL tagging to be Partnership-Based per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC21H3: Vertebrate Histology: Cells, Tissues and Techniques

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Vertebrate Histology: Cells, and Tissues and Techniques
Description: A study of the structure of cells and the various tissue types which make up the vertebrate body; epithelial, connective, muscle, nervous, blood, and lymphatic. Emphasis is placed on how form is influenced by function of the cells and tissues. A study of the structure of cells and the various tissue types (epithelial, connective, muscle, and nervous) that make up the vertebrate body. Considerable emphasis will be placed on developing a theoretical understanding of the techniques used in histology, especially microscopy and staining.
Rationale: The major change here is to include—both within the course title and the course description—that this course will discuss histological techniques. Students, both when taking other courses and when pursuing research opportunities, are likely to encounter such techniques, and if they have a theoretical understanding of how these techniques work, they are in a better position to understand the information being presented and/or how to troubleshoot these techniques. There are no changes to the learning outcomes, topics covered or methods of assessment.
Consultation: DCC October 17, 2025 RO Amber (Lantsman and Lindsey Taylor) October 29, 2025
Resources: None
Proposal Status: Under Review

BIOC32H3: Human Physiology I

Course Experience: Partnership Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC50H3: Macroevolution

Course Experience: University Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC51H3: Biodiversity and Conservation Field Course

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Biodiversity and Conservation Field Course
Description: A course with preparatory lectures on the UTSC campus and a field experience in natural settings where ecological, evolutionary, and practical aspects of biodiversity will be explored. Field work will involve outdoor activities in challenging conditions. An experiential learning course providing field experiences

in a variety of habitats in natural and conservation areas. Students will participate in full day field excursions to some of the most spectacular aquatic and terrestrial habitats across the GTA, including national and provincial parks, field research stations, land trusts, and conservancies. Students will experience first-hand how different agencies and partnerships work to preserve and study biodiversity, while learning to identify birds, reptiles, plants, and other organisms.
Prerequisites: BIOB50H3 and BIOB51H3 and BIOB52H3 and permission of instructor.
Notes: Students should contact the instructor 4 months before the start of the course. Additional course fees are applied, and students will need to place a deposit towards the cost of travel. Field work will involve outdoor activities in a range of weather conditions. Additional course fee is required for costs of travel.
Course Experience: Partnership-Based Experience University-Based Experience
Rationale: Course title, description, and “Note” have been modified to better reflect the content, goals, and logistics of the course as students are no longer travelling to a field station in Costa Rica. The knowledge base that is required from BIOB51H3 and BIOB52H3 is no longer required. This will enhance the opportunities for students in co-op to be able to take field work early in their programs. There are no changes to the learning outcomes, topics covered or methods of assessment. Revising EL tagging to be University-Based experience per the recommendation of Team X
Consultation: EL Consultation (Dora Mugambi) October 17, 2025 DCC October 17, 2025 RO Consultation (Amber Lantsman and Lindsey Taylor) October 28, 2025
Resources: None
Instructor: Professor Nathan Lovejoy
Proposal Status: Under Review

BIOC58H3: Biological Consequences of Global Change

Course Experience: University-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC60H3: Winter Ecology

Course Experience: University-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC61H3: Community Ecology and Environmental Biology

Course Experience: University-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC62H3: Role of Zoos and Aquariums in Conservation

Learning Outcomes:
Course Experience: University-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC63H3: Conservation Biology

Course Experience: University-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOC90H3: Integrative Multimedia Documentary Project

Course Experience: None University-Based Experience
Rationale: Revising EL tagging to be University-Based experience per the recommendation of Team X.
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOD30H3: Plant Research and Biotechnology: Addressing Global Problems

Course Experience: Partnership-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOD63H3: From Individuals to Ecosystems: Advanced Topics in Ecology

Course Experience: University-Based Experience None
Rationale: Removing EL tagging per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status:

Under Review

BIOD67H3: Inter-University Biology Field Course

Course Experience: None University-Based Experience
Rationale: Revising EL tagging to be University-Based experience per the recommendation of Team X.
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOD98Y3: Directed Research in Biology

Course Experience: None University-Based Experience
Rationale: Revising EL tagging to be University-Based experience per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

BIOD99Y3: Directed Research in Biology

Course Experience: None University-Based Experience
Rationale: Revising EL tagging to be University-Based experience per the recommendation of Team X
Consultation: DCC October 17, 2025 EL Consultation (Dora Mugambi) October 17, 2025
Resources: None
Proposal Status: Under Review

9 Minor Program Mod Expedited Reviews

SCMAJCIT: MAJOR PROGRAM IN CITY STUDIES (ARTS)

Completion Requirements:

Previous:

Program Requirements

This program requires students to complete a total of 7.0 credits as follows:

1. Foundations of City Studies (1.0 credit):

CITA01H3/(CITB02H3) Foundations of City Studies

CITA02H3 Studying Cities

2. Core courses (1.5 credits from among the following):

CITB01H3 Canadian Cities and Planning

CITB03H3 Social Planning and Community Development

CITB04H3 City Politics

CITB07H3 Introduction to Global Urbanisms

CITB08H3 Economy of Cities

3. Methods (1.0 credit as follows):

CITB05H3 Researching the City: An Introduction to Methods

and

0.5 credit from among the following:

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

GGRB30H3 Fundamentals of GIS I

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

GGRC42H3 Making Sense of Data: Applied Multivariate Analysis

STAB23H3 Introduction to Statistics for the Social Sciences

4. City Studies Applications (at least 2.0 credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough

CITC02H3 Placements in Community Development

CITC03H3 Housing Policy and Planning

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC08H3 Cities and Community Development

CITC09H3 Introduction to Planning History: Toronto and Its Region

CITC10H3 Selected Issues in City Studies

CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making

CITC14H3 Environmental Planning

CITC15H3 Money Matters: How Municipal Finance Shapes the City

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Municipal Politics

CITC18H3 Urban Transportation Policy Analysis

CITD01H3 City Issues and Strategies

CITD05H3 City Studies Workshop I

CITD06H3 City Studies Workshop II

CITD10H3 Seminar in Selected Issues in City Studies

CITD12H3 Planning and Building Public Spaces in Toronto

CITD30H3 Supervised Research Project

5. Approaches to Cities (at least 1.5 credits from among the following):

ANTC18H3 Urban Worlds

[EESA05H3 Environmental Hazards *or* EESA06H3 Introduction to Planet Earth]

EESD20H3 Geological Evolution and Environmental History of North America

GGRB02H3 The Logic of Geographic Thought

GGRB05H3 Urban Geography

GGRB13H3 Social Geography

GGRB28H3 Geographies of Disease

GGRC02H3 Population Geography

GGRC10H3 Urbanization and Development

GGRC11H3 Current Topics in Urban Geography

GGRC12H3 Transportation Geography

GGRC13H3 Urban Political Geography

GGRC27H3 Location and Spatial Development

GGRC33H3 The Toronto Region

GGRC40H3 Megacities and Global Urbanization

GGRC43H3 Social Geographies of Street Food

GGRC48H3 Geographies of Urban Poverty

GGRD09H3 Feminist Geographies

GGRD14H3 Social Justice and the City

HISC58H3 Delhi and London: Imperial Cities, Mobile People

POLB56H3 Critical Issues in Canadian Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

POLC53H3 Canadian Environmental Policy

PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making
PPGC67H3/(POLC67H3) Public Policy in Canada
SOCB44H3 Sociology of Cities and Urban Life
SOCC26H3 Sociology of Urban Cultural Policies
SOCC27H3 Sociology of Suburbs and Suburbanization
WSTB12H3 Gender-based Violence and Resistance
WSTB20H3/(WSTC20H3) Women, Gender, and the Environment
WSTC14H3 The Gender Politics of Policy Change

New:

Program Requirements

This program requires students to complete a total of 7.0 credits as follows:

1. Foundations of City Studies (1.0 credit):

CITA01H3/(CITB02H3) Foundations of City Studies
CITA02H3 Studying Cities

2. Core courses (1.5 credits from among the following):

CITB01H3 Canadian Cities and Planning
CITB03H3 Social Planning and Community Development
CITB04H3 City Politics
CITB07H3 Introduction to Global Urbanisms
CITB08H3 Economy of Cities

3. Methods (1.0 credit as follows):

CITB05H3 Researching the City: An Introduction to Methods
and

0.5 credit from among the following:

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
GGRB30H3 GIS Principles and Applied Mapping
GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
GGRC42H3 Making Sense of Data: An Introduction to Geographic Data Science
STAB23H3 Introduction to Statistics for the Social Sciences

4. City Studies Applications (at least 2.0 credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough
CITC02H3 Placements in Community Development
CITC03H3 Housing Policy and Planning
CITC04H3 Current Municipal and Planning Policy and Practice in Toronto
CITC07H3 Urban Social Policy
CITC08H3 Cities and Community Development
CITC09H3 Introduction to Planning History: Toronto and Its Region
CITC10H3 Selected Issues in City Studies
CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making
CITC14H3 Environmental Planning
CITC15H3 Money Matters: How Municipal Finance Shapes the City
CITC16H3 Planning and Governing the Metropolis
CITC17H3 Civic Engagement in Municipal Politics
CITC18H3 Urban Transportation Policy Analysis
CITC54H3 City Studies Field Trip Course
CITD01H3 City Issues and Strategies
CITD05H3 City Studies Workshop I
CITD06H3 City Studies Workshop II
CITD10H3 Seminar in Selected Issues in City Studies
CITD12H3 Planning and Building Public Spaces in Toronto
CITD30H3 Supervised Research Project

5. Approaches to Cities (at least 1.5 credits from among the following):

ANTC18H3 Urban Worlds
[EESA05H3 Environmental Hazards *or* EESA06H3 Introduction to Planet Earth]
EESD20H3 Geological Evolution and Environmental History of North America
GGRB02H3 Geographic Thought: Critical Perspectives on Key Concepts in Human Geography
GGRB05H3 Urban Geography
GGRB13H3 Social Geography: Life and Death, Place and Power
GGRB28H3 Geographies of Disease: Beyond Epidemiology
GGRC02H3 Population Geography
GGRC10H3 Urbanization and Development
GGRC11H3 Current Topics in Urban Sustainability
GGRC12H3 Transportation Geography
GGRC13H3 Urban Political Geography
GGRC27H3 Location and Spatial Development
GGRC33H3 The Toronto Region
GGRC40H3 Megacities and Global Urbanization
GGRC43H3 Social Geographies of Street Food
GGRC48H3 Geographies of Urban Poverty
GGRD09H3 Feminist Geographies
GGRD14H3 Social Justice and the City

(HISC58H3) POLB56H3 Critical Issues in Canadian Politics POLB57H3 The Canadian Constitution and the Charter of Rights POLC53H3 Canadian Environmental Policy PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making PPGC67H3/(POLC67H3) Public Policy in Canada SOCB44H3 Sociology of Cities and Urban Life SOCC26H3 Sociology of Urban Cultural Policies SOCC27H3 Sociology of Suburbs and Suburbanization WSTB12H3 Gender-based Violence and Resistance WSTB20H3/(WSTC20H3) Women, Gender, and the Environment WSTC14H3 The Gender Politics of Policy Change
Description of Proposed Changes: Requirement 4: Added CITC54H3 as optional course Requirement 3: GGRB30, GGRC42H3 title change Requirement 5: GGRB02H3, GGRB13H3, GGRB28H3, GGRC11H3 title change, removed HISC58H3 as optional course
Rationale: CITC54H3 was created out of cycle and wasn't able to be included in the program then. Making this change now to have accurate program offerings. Title changes and retirement have been made to ensure accuracy throughout the calendar
Consultations: DCC approved - September 18, 2025 HCS Consultation (Sarah C. on behalf of Heather S.): Nov 10, 2025
Resource Implications: None
Proposal Status: Under Review

SCMAJ1666H: MAJOR PROGRAM IN HUMAN GEOGRAPHY (ARTS)

Completion Requirements:

Previous:

Program Requirements

The Major Program in Human Geography requires a total of 7.0 full credits as follows:

1. Foundations of Human Geography (1.0 credit from the following):

GGRA02H3 The Geography of Global Processes

GGRA03H3 Cities and Environments

GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

2. Theory and Concepts in Human Geography (2.0 credits):

GGRB02H3 The Logic of Geographical Thought

and

1.5 credits from the following:

GGRB05H3 Urban Geography

GGRB13H3 Social Geography

GGRB18H3/ESTB02H3 Whose Land Is It Anyway?, Indigenous Peoples, the Crown, and Land in Canada

GGRB21H3 Political Ecology: Nature, Society and Environmental Change

GGRB28H3 Geographies of Disease

GGRB55H3 Cultural Geography

3. Methods (1.0 credit from the following):

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

GGRB03H3 Writing Geography

GGRB30H3 Fundamentals of GIS I

GGRB32H3 Fundamentals of GIS II

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

STAB23H3 Introduction to Statistics for the Social Sciences

4. Applications (2.5 credits):

2.5 credits at the C- and/or D-level in GGR courses

5. Advanced Applications (0.5 credit):

0.5 credit at the D-level in GGR courses

New:

Program Requirements

The Major Program in Human Geography requires a total of 7.0 full credits as follows:

1. Foundations of Human Geography (1.0 credit from the following):

GGRA02H3 Introduction to Human Geography: Imagining Better Worlds

GGRA03H3 Cities and Environments: Urban Life, Livelihoods & Landscapes

GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

2. Theory and Concepts in Human Geography (2.0 credits):

GGRB02H3 Geographic Thought: Critical Perspectives on Key Concepts in Human Geography

and

1.5 credits from the following:

GGRB05H3 Urban Geography
 GGRB13H3 Social Geography: Life and Death, Place and Power
 GGRB18H3/ESTB02H3 Whose Land Is It Anyway?, Indigenous Peoples, the Crown, and Land in Canada
 GGRB21H3 Political Ecology: Nature, Society and Environmental Change
 GGRB28H3 Geographies of Disease: Beyond Epidemiology
 GGRB55H3 Cultural Geography

3. Methods (1.0 credit from the following):

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
 GGRB03H3 Writing Worlds
 GGRB30H3 GIS Principles and Applied Mapping
 GGRB32H3 GIS in Action: Processing and Analysis
 GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
 STAB23H3 Introduction to Statistics for the Social Sciences

4. Applications (2.5 credits):

2.5 credits at the C- and/or D-level in GGR courses

5. Advanced Applications (0.5 credit):

0.5 credit at the D-level in GGR courses

Description of Proposed Changes:

Requirement 1: GGRA02H3, GGRA03H3 title change Requirement 2: GGRB02H3, GGRB13H3, GGRB28H3 title change Requirement 3: GGRB03H3, GGRB30H3, GGRB32H3 title change

Rationale: Title changes updated to ensure accuracy throughout the Calendar

Consultations: DCC approved: September 18, 2025

Resource Implications: None

Proposal Status: Under Review

SCMAJ1666P: MAJOR PROGRAM IN PHYSICAL AND HUMAN GEOGRAPHY (ARTS)

Completion Requirements:

Previous:

Program Requirements

The Major Program in Physical and Human Geography requires the completion of a total of 8.0 credits of which 4.0 credits are to be EES courses, and 4.0 credits are to be GGR or CIT courses. Among these 8.0 credits, the student must include:

1. 2.0 credits as follows:

EESA01H3 Introduction to Environmental Science
 EESA06H3 Introduction to Planet Earth
 GGRA02H3 The Geography of Global Processes
 GGRA03H3 Cities and Environments

2. 1.5 credits from the following:

EESB02H3 Principles of Geomorphology
 EESB03H3 Principles of Climatology
 EESB04H3 Principles of Hydrology
 EESB05H3 Principles of Soil Science
 EESB15H3 Earth History

3. At least 1.5 credits from the following:

CITB01H3 Canadian Cities and Planning
 GGRB02H3 The Logic of Geographical Thought
 GGRB05H3 Urban Geography
 GGRB13H3 Social Geography
 GGRB18H3/ESTB02H3 Whose Land Is It Anyway?, Indigenous Peoples, the Crown, and Land in Canada
 GGRB21H3 Political Ecology: Nature, Society and Environmental Change
 GGRB28H3 Geographies of Disease
 GGRB55H3 Cultural Geography

4. At least 1.0 credit at the C- or D-level from EES courses

5. At least 1.0 credit at the C- or D-level from GGR or CIT courses

6. At least one additional 0.5 credit from GGR or CIT courses

7. At least one additional 0.5 credit from EES courses

New:

Program Requirements

The Major Program in Physical and Human Geography requires the completion of a total of 8.0 credits of which 4.0 credits are to be EES courses, and 4.0 credits are to be GGR or CIT courses. Among these 8.0 credits, the student must include:

1. 2.0 credits as follows:

EESA01H3 Introduction to Environmental Science
EESA06H3 Introduction to Planet Earth
GGRA02H3 Introduction to Human Geography: Imagining Better Worlds
GGRA03H3 Cities and Environments: Urban Life, Livelihoods & Landscapes

2. 1.5 credits from the following:

EESB02H3 Principles of Geomorphology
EESB03H3 Principles of Climatology
EESB04H3 Principles of Hydrology
EESB05H3 Principles of Soil Science
EESB15H3 Earth History

3. At least 1.5 credits from the following:

CITB01H3 Canadian Cities and Planning
GGRB02H3 Geographic Thought: Critical Perspectives on Key Concepts in Human Geography
GGRB05H3 Urban Geography
GGRB13H3 Social Geography: Life and Death, Place and Power
GGRB18H3/ESTB02H3 Whose Land Is It Anyway?, Indigenous Peoples, the Crown, and Land in Canada
GGRB21H3 Political Ecology: Nature, Society and Environmental Change
GGRB28H3 Geographies of Disease: Beyond Epidemiology
GGRB55H3 Cultural Geography

4. At least 1.0 credit at the C- or D-level from EES courses

5. At least 1.0 credit at the C- or D-level from GGR or CIT courses

6. At least one additional 0.5 credit from GGR or CIT courses

7. At least one additional 0.5 credit from EES courses

Description of Proposed Changes: Requirement 1: GGRA02H3, GGRA03H3 title change Requirement 3: GGRB02H3, GGRB13H3, GGRB28H3 title change

Rationale:

Title changes updated to ensure accuracy throughout the Calendar

Consultations: DCC approved: September 18, 2025

Resource Implications: None

Proposal Status: Under Review

SCMIN1810: MINOR PROGRAM IN CITY STUDIES (ARTS)

Completion Requirements:

Previous:

Program Requirements

The program requires the completion of 4.0 credits as follows:

1. Foundations (1.0 credit):

CITA01H3/(CITB02H3) Foundations of City Studies
CITA02H3 Studying Cities

2. Core Courses (1.5 credits from the following):

GGRB05H3 Urban Geography
CITB01H3 Canadian Cities and Planning
CITB03H3 Social Planning and Community Development
CITB04H3 City Politics
CITB07H3 Introduction to Global Urbanisms
CITB08H3 Economy of Cities

3. Applications (1.5 credits at the C- or D-level, from the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough
CITC02H3 Placements in Community Development
CITC03H3 Housing Policy and Planning
CITC04H3 Current Municipal and Planning Policy and Practice in Toronto
CITC07H3 Urban Social Policy
CITC08H3 Cities and Community Development
CITC09H3: Introduction to Planning History: Toronto and Its Region
CITC10H3 Selected Issues in City Studies
CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making
CITC14H3 Environmental Planning
CITC15H3 Money Matters: How Municipal Finance Shapes the City
CITC16H3 Planning and Governing the Metropolis
CITC17H3 Civic Engagement in Urban Politics
CITC18H3 Urban Transportation Policy Analysis
CITD01H3 City Issues and Strategies
CITD10H3 Seminar in Selected Issues in City Studies
CITD12H3 Planning and Building Public Spaces in Toronto
GGRC10H3 Urbanization and Development
GGRC11H3 Current Topics in Urban Geography

GGRC12H3 Transportation Geography
 GGRC13H3 Urban Political Geography
 GGRC27H3 Location and Spatial Development
 GGRC33H3 The Toronto Region
 GGRC40H3 Megacities and Global Urbanization
 GGRC43H3 Social Geographies of Street Food
 GGRC48H3 Geographies of Urban Poverty
 GGRC50H3 Geographies of Education
 GGRD14H3 Social Justice and the City

New:

Program Requirements

The program requires the completion of 4.0 credits as follows:

1. Foundations (1.0 credit):

CITA01H3/(CITB02H3) Foundations of City Studies
 CITA02H3 Studying Cities

2. Core Courses (1.5 credits from the following):

GGRB05H3 Urban Geography
 CITB01H3 Canadian Cities and Planning
 CITB03H3 Social Planning and Community Development
 CITB04H3 City Politics
 CITB07H3 Introduction to Global Urbanisms
 CITB08H3 Economy of Cities

3. Applications (1.5 credits at the C- or D-level, from the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough
 CITC02H3 Placements in Community Development
 CITC03H3 Housing Policy and Planning
 CITC04H3 Current Municipal and Planning Policy and Practice in Toronto
 CITC07H3 Urban Social Policy
 CITC08H3 Cities and Community Development
 CITC09H3: Introduction to Planning History: Toronto and Its Region
 CITC10H3 Selected Issues in City Studies
 CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making
 CITC14H3 Environmental Planning
 CITC15H3 Money Matters: How Municipal Finance Shapes the City
 CITC16H3 Planning and Governing the Metropolis
 CITC17H3 Civic Engagement in Urban Politics
 CITC18H3 Urban Transportation Policy Analysis
 CITC54H3 City Studies Field Trip Course
 CITD01H3 City Issues and Strategies
 CITD10H3 Seminar in Selected Issues in City Studies
 CITD12H3 Planning and Building Public Spaces in Toronto
 GGRC10H3 Urbanization and Development
 GGRC11H3 Current Topics in Urban Sustainability
 GGRC12H3 Transportation Geography
 GGRC13H3 Urban Political Geography
 GGRC27H3 Location and Spatial Development
 GGRC33H3 The Toronto Region
 GGRC40H3 Megacities and Global Urbanization
 GGRC43H3 Social Geographies of Street Food
 GGRC48H3 Geographies of Urban Poverty
 GGRC50H3 Geographies of Education
 GGRD14H3 Social Justice and the City

Description of Proposed Changes: Requirement 3: Added CITC54H3 as optional course and GGRC11H3 course title change

Rationale: CITC54H3 was created out of cycle and wasn't able to be included in the program then. Making this change now to have accurate program offerings. Updates to the title are to ensure accuracy throughout the calendar

Consultations: DCC approved - September 18, 2025

Resource Implications: None

Proposal Status: Under Review

SCMIN1800: MINOR PROGRAM IN GEOGRAPHIC INFORMATION SCIENCE (GIS) (ARTS)

Completion Requirements:

Previous:

Program Requirements

This program requires students to complete 4.0 credits as follows:

1. At least 0.5 credit from the following:

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
 EESC03H3 Geographic Information Systems and Remote Sensing

2. 2.5 credits as follows:

- GGRB30H3 Fundamentals of GIS I
- GGRB32H3 Fundamentals of GIS II
- GGRC30H3 Advanced GIS
- GGRC32H3 Essential Spatial Analysis
- GGRD30H3 GIS Research Project

3. 1.0 credit from the following:

- CSCA20H3 Introduction to Programming
- EESC03H3 Geographic Information Systems and Remote Sensing (if not used to complete component 1 of the requirements)
- GGRC12H3 Transportation Geography
- GGRC15H3 Spatial Databases and Applications
- GGRC27H3 Location and Spatial Development
- GGRC34H3 Crowd-sourced Urban Geographies
- GGRC42H3 Making Sense of Data: Applied Multivariate Analysis

*Note: CITC18H3, CITD01H3, GGRD01H3, GGRD08H3, GGRD25H3, and GGRD31H3 can be counted towards the Minor in Geographic Information Science (GIS) with permission. Permission must be received from the Departmental Chair or the Program Advisor and will be granted in cases where the student’s major research project employs GIS research methods.

New:

Program Requirements

This program requires students to complete 4.0 credits as follows:

1. At least 0.5 credit from the following:

- GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
- EESC03H3 Geographic Information Systems and Remote Sensing

2. 2.5 credits as follows:

- GGRB30H3 GIS Principles and Applied Mapping
- GGRB32H3 GIS in Action: Processing and Analysis
- GGRC30H3 Advanced GIS
- GGRC32H3 Essential Spatial Analysis
- GGRD30H3 GIS Research Project

3. 1.0 credit from the following:

- CSCA20H3 Introduction to Programming
- EESC03H3 Geographic Information Systems and Remote Sensing (if not used to complete component 1 of the requirements)
- GGRC12H3 Transportation Geography
- GGRC15H3 Spatial Databases and Applications
- GGRC27H3 Location and Spatial Development
- GGRC34H3 Crowd-sourced Urban Geographies
- GGRC42H3 Making Sense of Data: An Introduction to Geographic Data Science

*Note: CITC18H3, CITD01H3, GGRD01H3, GGRD08H3, GGRD25H3, and GGRD31H3 can be counted towards the Minor in Geographic Information Science (GIS) with permission. Permission must be received from the Departmental Chair or the Program Advisor and will be granted in cases where the student’s major research project employs GIS research methods.

Description of Proposed Changes:

- Requirement 2: GGRB30H3, GGRB32H3 title change
- Requirement 3: GGRC42H3 title change

Rationale: Title changes updated to ensure accuracy throughout the Calendar

Consultations: DCC approved - September 18, 2025

Resource Implications: None

Proposal Status: Under Review

SCMIN1666H: MINOR PROGRAM IN HUMAN GEOGRAPHY (ARTS)

Completion Requirements:

Previous:

Program Requirements

This program requires the completion of 4.0 credits in Geography including:

1. 1.0 credit as follows:

- GGRA02H3 The Geography of Global Processes
- GGRA03H3 Cities and Environments

2. 3.0 credits in GGR courses, of which at least 1.0 credit must be at the C- or D-level

New:

Program Requirements

This program requires the completion of 4.0 credits in Geography including:

1. 1.0 credit as follows:

GGRA02H3 Introduction to Human Geography: Imagining Better Worlds

GGRA03H3 Cities and Environments: Urban Life, Livelihoods & Landscapes

2. 3.0 credits in GGR courses, of which at least 1.0 credit must be at the C- or D-level**Description of Proposed Changes:** Requirement 1: GGRA02H3, GGRA03H3 title change**Rationale:** Title changes updated to ensure accuracy throughout the Calendar**Consultations:** DCC approved: September 18, 2025**Resource Implications:** None**Proposal Status:** Under Review**SCMIN1811: MINOR PROGRAM IN URBAN PUBLIC POLICY AND GOVERNANCE (ARTS)****Completion Requirements:****Previous:****Program Requirements**

This program requires the completion of 4.0 credits as follows:

1. Foundations - 1.0 credit as follows:

CITB04H3 City Politics

*and**0.5 credit from the following:*

CITB01H3 Canadian Cities and Planning

GGRA03H3 Cities and Environments

GGRB05H3 Urban Geography

POLB56H3 Critical Issues in Canadian Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

2. Core courses - 1.0 credit as follows:

CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making

CITC15H3 Money Matters: How Municipal Finance Shapes the City

3. Applications of Urban Public Policy and Governance - 2.0 credits from the following:

CITC03H3 Housing Policy and Planning

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Urban Politics

CITC18H3 Urban Transportation Policy Analysis

CITD01H3 City Issues and Strategies

CITD10H3 Seminar in Selected Issues in City Studies

GGRB18H3 Whose Land? Indigenous-Canada-Land Relations

GGRC12H3 Transportation Geography

GGRC13H3 Urban Political Geography

GGRC33H3 The Toronto Region

PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making

PPGC67H3/(POLC67H3) Public Policy in Canada

New:**Program Requirements**

This program requires the completion of 4.0 credits as follows:

1. Foundations - 1.0 credit as follows:

CITB04H3 City Politics

*and**0.5 credit from the following:*

CITB01H3 Canadian Cities and Planning

GGRA03H3 Cities and Environments: Urban Life, Livelihoods & Landscapes

GGRB05H3 Urban Geography

POLB56H3 Critical Issues in Canadian Politics

POLB57H3 The Canadian Constitution and the Charter of Rights

2. Core courses - 1.0 credit as follows:

CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making

CITC15H3 Money Matters: How Municipal Finance Shapes the City

3. Applications of Urban Public Policy and Governance - 2.0 credits from the following:

CITC03H3 Housing Policy and Planning

CITC04H3 Current Municipal and Planning Policy and Practice in Toronto

CITC07H3 Urban Social Policy

CITC16H3 Planning and Governing the Metropolis

CITC17H3 Civic Engagement in Urban Politics

CITC18H3 Urban Transportation Policy Analysis

CITD01H3 City Issues and Strategies
 CITD10H3 Seminar in Selected Issues in City Studies
 GGRB18H3 Whose Land? Indigenous-Canada-Land Relations
 GGRC12H3 Transportation Geography
 GGRC13H3 Urban Political Geography
 GGRC33H3 The Toronto Region
 PPGB66H3/(PPGC66H3/(POLC66H3) Public Policy Making
 PPGC67H3/(POLC67H3) Public Policy in Canada

Description of Proposed Changes: Requirement 1: GGRA03H3 title change

Rationale: Title changes updated to ensure accuracy throughout the Calendar

Consultations: DCC approved: September 18, 2025

Resource Implications: None

Proposal Status: Under Review

SCSPEICIT: SPECIALIST PROGRAM IN CITY STUDIES (ARTS)

Completion Requirements:

Previous:

Program Requirements:

This program requires the completion of 12.0 credits as follows:

1. Foundations of City Studies (1.0 credit):

CITA01H3/(CITB02H3) Foundations of City Studies
 CITA02H3 Studying Cities

2. Core courses (1.5 credits as from the following):

CITB01H3 Canadian Cities and Planning
 CITB03H3 Social Planning and Community Development
 CITB04H3 City Politics
 CITB07H3 Introduction to Global Urbanisms
 CITB08H3 Economy of Cities

3. Research Methods (2.0 credits):

CITB05H3 Researching the City: An Introduction to Methods
 GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
and

1.0 credits from the following:

GGRB30H3 Fundamentals of GIS I
 GGRB03H3 Writing Geography
 GGRC32H3 Essential Spatial Analysis
 GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
 GGRC42H3 Making Sense of Data: Applied Multivariate Analysis
 STAB23H3 Introduction to Statistics for the Social Sciences

4. City Studies Applications (3.5 credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study
 CITC02H3 Placements in Community Development
 CITC03H3 Housing Policy and Planning
 CITC04H3 Current Municipal and Planning Policy and Practice in Toronto
 CITC07H3 Urban Social Policy
 CITC08H3 Cities and Community Development
 CITC09H3 Introduction to Planning History: Toronto and Its Region
 CITC10H3 Selected Issues in City Studies
 CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making
 CITC14H3 Environmental Planning
 CITC15H3 Money Matters: How Municipal Finance Shapes the City
 CITC16H3 Planning and Governing the Metropolis
 CITC17H3 Civic Engagement in Urban Politics
 CITC18H3 Transportation Policy Analysis

5. Approaches to Cities (2.0 credits from among the following)*:

GGRB02H3 The Logic of Geographic Thought
 GGRB05H3 Urban Geography
 GGRB13H3 Social Geography
 GGRC02H3 Population Geography
 GGRC10H3 Urbanization and Development
 GGRC11H3 Current Topics in Urban Geography
 GGRC12H3 Transportation Geography
 GGRC13H3 Urban Political Geography
 GGRC27H3 Location and Spatial Development*
 GGRC33H3 The Toronto Region
 GGRC40H3 Megacities and Global Urbanization
 GGRC43H3 Social Geographies of Street Food*
 GGRC48H3 Geographies of Urban Poverty
 POLB56H3 Critical Issues in Canadian Politics

POLB57H3 The Canadian Constitution and the Charter of Rights
POLC53H3 Canadian Environmental Policy
PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making
PPGC67H3/(POLC67H3) Public Policy in Canada
SOCB44H3 Sociology of Cities and Urban Life
***Note:** these courses may have prerequisites that are not included in this program

6. City Studies Workshop (1.0 credit):

CITD05H3 City Studies Workshop I
CITD06H3 City Studies Workshop II

7. Advanced Applications (1.0 credit):

CITD01H3 City Issues and Strategies
CITD10H3 Seminar in Selected Issues in City Studies
CITD12H3 Planning and Building Public Spaces in Toronto
CITD30H3 Supervised Research Project
GGRD14H3 Social Justice and the City

New:

Program Requirements:

This program requires the completion of 12.0 credits as follows:

1. Foundations of City Studies (1.0 credit):

CITA01H3/(CITB02H3) Foundations of City Studies
CITA02H3 Studying Cities

2. Core courses (1.5 credits as from the following):

CITB01H3 Canadian Cities and Planning
CITB03H3 Social Planning and Community Development
CITB04H3 City Politics
CITB07H3 Introduction to Global Urbanisms
CITB08H3 Economy of Cities

3. Research Methods (2.0 credits):

CITB05H3 Researching the City: An Introduction to Methods
GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
and

1.0 credits from the following:

GGRB03H3 Writing Worlds
GGRB30H3 GIS Principles and Applied Mapping
GGRC32H3 Essential Spatial Analysis
GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
GGRC42H3 Making Sense of Data: An Introduction to Geographic Data Science
STAB23H3 Introduction to Statistics for the Social Sciences

4. City Studies Applications (3.5 credits from among the following):

CITC01H3 Urban Communities and Neighbourhoods Case Study
CITC02H3 Placements in Community Development
CITC03H3 Housing Policy and Planning
CITC04H3 Current Municipal and Planning Policy and Practice in Toronto
CITC07H3 Urban Social Policy
CITC08H3 Cities and Community Development
CITC09H3 Introduction to Planning History: Toronto and Its Region
CITC10H3 Selected Issues in City Studies
CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making
CITC14H3 Environmental Planning
CITC15H3 Money Matters: How Municipal Finance Shapes the City
CITC16H3 Planning and Governing the Metropolis
CITC17H3 Civic Engagement in Urban Politics
CITC18H3 Transportation Policy Analysis
CITC54H3 City Studies Field Trip Course

5. Approaches to Cities (2.0 credits from among the following)*:

GGRB02H3 Geographic Thought: Critical Perspectives on Key Concepts in Human Geography
GGRB05H3 Urban Geography
GGRB13H3 Social Geography: Life and Death, Place and Power
GGRC02H3 Population Geography
GGRC10H3 Urbanization and Development
GGRC11H3 Current Topics in Urban Sustainability
GGRC12H3 Transportation Geography
GGRC13H3 Urban Political Geography
GGRC27H3 Location and Spatial Development*
GGRC33H3 The Toronto Region
GGRC40H3 Megacities and Global Urbanization
GGRC43H3 Social Geographies of Street Food*
GGRC48H3 Geographies of Urban Poverty
POLB56H3 Critical Issues in Canadian Politics

POLB57H3 The Canadian Constitution and the Charter of Rights
 POLC53H3 Canadian Environmental Policy
 PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making
 PPGC67H3/(POLC67H3) Public Policy in Canada
 SOCB44H3 Sociology of Cities and Urban Life
 *Note: these courses may have prerequisites that are not included in this program

6. City Studies Workshop (1.0 credit):

CITD05H3 City Studies Workshop I
 CITD06H3 City Studies Workshop II

7. Advanced Applications (1.0 credit):

CITD01H3 City Issues and Strategies
 CITD10H3 Seminar in Selected Issues in City Studies
 CITD12H3 Planning and Building Public Spaces in Toronto
 CITD30H3 Supervised Research Project
 GGRD14H3 Social Justice and the City

Description of Proposed Changes:

Requirement 3: GGRB30H3, GGRC42H3 title change
 Requirement 4: Added CITC54H3 as optional course
 Requirement 5: GGRB02H3, GGRB13H3, GGRC11H3 title change

Rationale: CITC54H3 was created out of cycle and wasn't able to be included in the program then. Making this change now to have accurate program offerings. title changes updated to ensure accuracy throughout the Calendar

Consultations: DCC approved - September 18, 2025

Resource Implications: None

Proposal Status: Under Review

SCSPE1666H: SPECIALIST PROGRAM IN HUMAN GEOGRAPHY (ARTS)

Completion Requirements:

Previous:

Program Requirements

Students must complete 12.0 credits as follows:

1. Foundations of Human Geography (1.0 credit from among the following):

GGRA02H3 The Geography of Global Processes
 GGRA03H3 Cities and Environments
 GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

2. Theory and Concepts in Human Geography (2.5 credits):

GGRB02H3 The Logic of Geographical Thought
 GGRB03H3 Writing Geography
and
1.5 credits from the following:
 GGRB05H3 Urban Geography
 GGRB13H3 Social Geography
 GGRB18H3/EESB02H3 Whose Land Is It Anyway?, Indigenous Peoples, the Crown, and Land in Canada
 GGRB21H3 Political Ecology: Nature, Society and Environmental Change
 GGRB28H3 Geographies of Disease
 GGRB55H3 Cultural Geography

3. Methods (2.0 credits):

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
 STAB23H3 Introduction to Statistics for the Social Sciences (or equivalent)
and
1.0 credit from the following:
 GGRB30H3 Fundamentals of GIS I
 GGRB32H3 Fundamentals of GIS II
 GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

4. Applications (5.5 credits):

5.5 additional credits at the C- and/or D-level in GGR courses

5. Advanced Applications (1.0 credit):

1.0 credit at the D-level in GGR courses

New:

Program Requirements

Students must complete 12.0 credits as follows:

1. Foundations of Human Geography (1.0 credit from among the following):

GGRA02H3 Introduction to Human Geography: Imagining Better Worlds
 GGRA03H3 Cities and Environments: Urban Life, Livelihoods & Landscapes

GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience 2. Theory and Concepts in Human Geography (2.5 credits): GGRB02H3 Geographic Thought: Critical Perspectives on Key Concepts in Human Geography GGRB03H3 Writing Worlds <i>and</i> 1.5 credits from the following: GGRB05H3 Urban Geography GGRB13H3 Social Geography: Life and Death, Place and Power GGRB18H3/EESB02H3 Whose Land Is It Anyway?, Indigenous Peoples, the Crown, and Land in Canada GGRB21H3 Political Ecology: Nature, Society and Environmental Change GGRB28H3 Geographies of Disease: Beyond Epidemiology GGRB55H3 Cultural Geography 3. Methods (2.0 credits): GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning STAB23H3 Introduction to Statistics for the Social Sciences (or equivalent) <i>and</i> 1.0 credit from the following: GGRB30H3 GIS Principles and Applied Mapping GGRB32H3 GIS in Action: Processing and Analysis GGRC31H3 Qualitative Geographical Methods: Place and Ethnography 4. Applications (5.5 credits): 5.5 additional credits at the C- and/or D-level in GGR courses 5. Advanced Applications (1.0 credit): 1.0 credit at the D-level in GGR courses
Description of Proposed Changes: Requirement 1: GGRA02H3, GGRA03H3 title change Requirement 2: GGRB02H3, GGRB03H3, GGRB13H3, GGRB28H3 title change Requirement 3: GGRB30H3, GGRB32H3 title change
Rationale: Title changes updated to ensure accuracy throughout the Calendar
Consultations: DCC approved: September 18, 2025
Resource Implications: None
Proposal Status: Under Review

49 Course Modifications

CITB01H3: Canadian Cities and Planning

Description: Previous: After critically examining the history of urban planning in Canada, this course explores contemporary planning challenges and engages with planning’s ‘progressive potential’ to address social justice issues and spatialized inequality through an examination of possible planning solutions. New: This course introduces students to urban planning in Canadian cities with a focus on Toronto. We will critically examine the history of urban planning, and the role planning has played in shaping unequal socio-spatial landscapes. The course provides an overview of key planning concepts and approaches and outlines the planning process.
Rationale: The course description has been revised to better reflect the topics and content that will be discussed.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

CITB08H3: Economy of Cities

Description: Previous: An introduction to economic analysis of cities, topics include: theories of urban economic growth; the economics of land use, urban structure, and zoning; the economics of environments, transportation, and sustainability; public finance, cost-benefit analysis, the provision of municipal goods and services, and the new institutional economics. New: This course introduces students to economic approaches to cities. Cities are historical hubs of economic life, and economic reasoning has become a dominant lens in policy design and implementation in the last few decades. Becoming familiar with economic concepts (e.g., supply and demand) and tools is useful to those interested in urban planning and policy.
Rationale: The course description has been revised to better reflect the topics and content that will be discussed.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

CITC09H3: Introduction to Planning History: Toronto and Its Region

Description:

Previous: An introduction to the study of the history of urban planning with particular emphasis on the investigation of the planning ideas, and the plans, that have shaped Toronto and its surrounding region through the twentieth century. The course will consider international developments in planning thought together with their application to Toronto and region. New: The history of spatial planning practices is essential to understanding how planning actually works, how it impacted urbanization, and what is possible today. This course examines the evolution of spatial planning institutions of the Toronto region in global comparative perspective. Planning history is foundational knowledge for City Studies students. Spatial planning has, since its origins in the early 20th Century, had a major impact on patterns of urbanization, yet works differently in each jurisdiction. Understanding housing affordability, congestion, homelessness, and climate change vulnerability requires understanding how we got here.
Rationale: The course description has been revised to better reflect the topics and content that will be discussed.
Consultation: DCC Approved - September 18, 2025
Resources: None Budget Implications:
Proposal Status: Under Review

CITC12H3: City Structures, Problems, and Decisions: Field Research in Urban Policy Making

Course Experience: Previous: Partnership-Based Experience New:
Rationale: As part of the EL review, we found out that the course was tagged as a 'partnership-based' but it is not an EL course. Hence, just removing the tag.
Consultation: DCC Approval: October 21, 2025 EL Approval (Al Hearn): Oct 21, 2025
Resources: None
Proposal Status: Under Review

CITC18H3: Urban Transportation Policy Analysis

Prerequisites: Previous: [STAB22H3 or equivalent] and [8.0 credits, including at least 1.5 credits at the B-level from City Studies, Human Geography, Economics for Management Studies, Management, or Political Science] New: CITB05H3 and [8.0 credits, including at least 1.5 credits at the B-level from City Studies, Human Geography, Economics for Management Studies, Management, or Political Science]
Rationale: CITB05H3 has replaced the core requirement of STAB22H3/STAB23H3 for programs in City Studies. Hence, students will be better prepared for the course with CITB05H3 being a prerequisite. It also creates a better pathway for all program students.
Consultation: DCC Approval: September 18, 2025 RO Approval (Lindsey T.): Oct 29, 2025
Resources: None
Proposal Status: Under Review

CITD01H3: City Issues and Strategies

Course Experience: Previous: University-Based Experience New:
Rationale: Reviewed as part of the EL review. Although it's a research-intensive course, it doesn't have any reflection component and hence removing the tag.
Consultation: DCC Approval: October 17, 2025 EL Approval (Al. Hearn): Oct 21, 2025
Resources: None
Proposal Status: Under Review

CITD12H3: Planning and Building Public Spaces in Toronto

Course Experience: Previous: Partnership-Based Experience New: University-Based Experience
Rationale: Part of the EL review - changing to 'University-based' as per EL team's suggestion
Consultation: DCC approved - October 17, 2025 EL Approval (Al Hearn): Oct 3, 2025
Resources: None
Proposal Status: Under Review

GGRA02H3: Introduction to Human Geography: Imagining Better Worlds

Title:

Previous: The Geography of Global Processes New: Introduction to Human Geography: Imagining Better Worlds
Description: Previous: Globalization from the perspective of human geography. The course examines how the economic, social, political, and environmental changes that flow from the increasingly global scale of human activities affect spatial patterns and relationships, the character of regions and places, and the quality of life of those who live in them. New: This course explores our globalized world through a geographic lens, examining how space, place, and scale shape human relations, politics, and culture. Through critical spatial thinking and a historical perspective, we analyze issues like colonialism, capitalism, racism, and geopolitics to understand ongoing colonial wars, social inequalities and the impending climate crisis. In doing so, we explore how geographic knowledge helps us to imagine a better world. Area of Focus: Nature, Society and Environmental Change; People, Place and Power
Rationale: The course description and title have been revised to better reflect the topics and content that will be discussed. Updated with new title of the Area of Concentration/Focus
Consultation: DCC approved - September 18, 2025 SOC Consultation: Nov 11, 2025
Resources: None
Proposal Status: Under Review

GGRA03H3: Cities and Environments: Urban Life, Livelihoods & Landscapes

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Cities and Environments New: Cities and Environments: Urban Life, Livelihoods & Landscapes
Description: Previous: An introduction to the characteristics of modern cities and environmental issues, and their interconnections. Linkages between local and global processes are emphasized. Major topics include urban forms and systems, population change, the complexity of environmental issues such as climate change and water scarcity, planning for sustainable cities. New: Cities are a major source of greenhouse gas emissions, yet they will be vital in fighting the climate crisis. They are major engines of global economic growth, but they are also sites where poverty, substandard housing and food insecurity are concentrated. This course asks: why do cities look and function the way they do, and how can we envision more sustainable and just urban futures? Students will learn a range of concepts that allow them to make sense of cities and urban life, including urbanization, smart cities and digital space, urban agriculture and urban environmental justice. Area of Focus: Nature, Society and Environmental Change; Urban Sustainability
Rationale: The course description and title have been revised to better reflect the topics and content that will be discussed. Updated with new Area of Focus title
Consultation: DCC approved - September 18, 2025 SOC Consultation: Nov 11, 2025
Resources: None
Proposal Status: Under Review

GGRB02H3: Geographic Thought: Critical Perspectives on Key Concepts in Human Geography

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: The Logic of Geographical Thought New: Geographic Thought: Critical Perspectives on Key Concepts in Human Geography
Description: Previous: Many of today's key debates - for instance, on globalization, the environment, and cities - draw heavily from geographical thinking and what some have called the "spatial turn" in the social sciences. This course introduces the most important methodological and theoretical aspects of contemporary geographical and spatial thought, and serves as a foundation for other upper level courses in Geography. New: Many of today's key debates - for instance, on globalization, the environment, and cities - draw heavily from geographical thinking and what some have called the "spatial turn" in the social sciences. This course introduces the most important methodological and theoretical aspects of contemporary geographical and spatial thought, and serves as a foundation for other upper-level courses in Geography. Area of Focus: People, Place and Power
Rationale: The title has been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC approved - September 18, 2025 SOC Consultation: Nov 11, 2025
Resources: None
Proposal Status: Under Review

GGRB03H3: Writing Worlds

Title: Previous: Writing Geography New: Writing Worlds
Description:

Previous: This course aims to develop critical reading and writing skills of human geography students. Through a variety of analytical, reflexive, and descriptive writing assignments, students will practice how to draft, revise, and edit their writing on spatial concepts. Students will learn how to conduct research for literature reviews, organize materials, and produce scholarly papers. They will also learn to cultivate their writing voice by engaging in a range of writing styles and forms such as blog posts, critical commentaries, travelogues, field notes, and research briefs. The course emphasizes writing clearly, succinctly, and logically. New: In this course, students explore writing as practice, reflect on and develop their own authorial voice, and consider the ways in which the world (our cities, streets, nations, etc.) shapes and is shaped by ideas and texts. Topics include: the political economy of publishing, studying within the neoliberal university, positionality and reflexivity, and the materialization and contestation of discourses in space and place. Area of Focus: People, Place and Power
Rationale: The course description and title have been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC Approval: September 18, 2025
Resources: None
Proposal Status: Under Review

GGRB05H3: Urban Geography

Description: Previous: This course will develop understanding of the geographic nature of urban systems and the internal spatial patterns and activities in cities. Emphasis is placed on the North American experience with some examples from other regions of the world. The course will explore the major issues and problems facing contemporary urban society and the ways they are analysed. Area of Focus: Urban Geography New: This course will develop an understanding of the geographic nature of urban systems and the internal spatial patterns and activities in cities. Emphasis is placed on the North American experience with some examples from other regions of the world. The course will explore the major issues and problems facing contemporary urban society and the ways they are analyzed. Area of Focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approval: September 18, 2025
Resources: None
Proposal Status: Under Review

GGRB13H3: Social Geography: Life and Death, Place and Power

Title: Previous: Social Geography New: Social Geography: Life and Death, Place and Power
Description: Previous: The reciprocal relations between spatial structures and social identities. The course examines the role of social divisions such as class, 'race'/ethnicity, gender and sexuality in shaping the social geographies of cities and regions. Particular emphasis is placed on space as an arena for the construction of social relations and divisions. Area of Focus: Social/Cultural Geography New: An introduction to the role of geography in shaping categories of social difference. The course focuses on race, class, gender, and sexuality as lived in different kinds of places through recent events. Difference is examined for both its role in oppression, and for its liberatory potential. Area of Focus: People, Place and Power
Prerequisites: Previous: Any 4 credits New: Any 4.0 credits
Rationale: 1. The course description and title have been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title. 2. Prerequisite: editorial changes
Consultation: DCC Approval: September 18, 2025
Resources: None
Proposal Status: Under Review

GGRB18H3: Whose Land? Indigenous-Canada-Land Relations

Description: Previous: Introduces students to the geography of Indigenous-Crown-Land relations in Canada. Beginning with pre-European contact and the historic Nation-to-Nation relationship, the course will survey major research inquiries from the Royal Commission on Aboriginal Peoples to Missing and Murdered Indigenous Women and Girls. Students will learn how ongoing land and treaty violations impact Indigenous peoples, settler society, and the land in Canada. Area of Focus: Environmental Geography Same as ESTB02H3 New: Introduces students to the geography of Indigenous-Crown-Land relations in Canada. Beginning with pre-European contact and the historic Nation-to-Nation relationship, the course will survey major research inquiries from the Royal Commission on Aboriginal Peoples to Missing and Murdered Indigenous Women and Girls. Students will learn how ongoing land and treaty violations impact Indigenous peoples, settler society, and the land in Canada. Area of Focus: Nature, Society and Environmental Change; People, Place and Power Same as ESTB02H3
Rationale: Updated with the new area of focus title.

Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRB21H3: Political Ecology: Nature, Society and Environmental Change

Description: Previous: This foundational course explores different conceptions of 'the environment' as they have changed through space and time. It also analyzes the emergence of different variants of environmentalism and their contemporary role in shaping environmental policy and practice. Area of Focus: Environmental Geography New: This course explores the assumption that ecological change is always profoundly political. Political ecology at its core is about the interconnection between social and ecological change and the relations of power therein. Students consider central approaches to political ecology, including perspectives focusing on population, political economy, environmental racism and justice and feminist perspectives on gender and nature. The course examines defining environmental issues of our time, including the preservation of wilderness spaces, Indigenous movements regarding land, climate change and the Green New Deal and the prospects of urban agriculture. Area of Focus: Nature, Society and Environmental Change
Rationale: The course description has been revised to better reflect the topics and content that will be discussed. Updated with new Area of Focus title
Consultation: DCC Approved - September 18, 2025
Resources: None
Instructor: Mike Ekers
Proposal Status: Under Review

GGRB28H3: Geographies of Disease: Beyond Epidemiology

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Geographies of Disease New: Geographies of Disease: Beyond Epidemiology
Description: Previous: Examines the geographical distribution of disease and the spatial processes in which diseases are embedded. Themes include spatial theories of health and disease and uneven development and health. Special attention will be given to the geographical dimension of the HIV pandemic. Area of Focus: Social/Cultural Geography New: Why do infectious diseases discriminate along the lines of race, class, gender, sexuality, and other forms of difference? This course explores patterns of infectious diseases while emphasizing the broader contexts that shape them, including histories of colonialism, structural adjustment policies, stereotypes about “Africa,” uneven development, and the influence of the pharmaceutical industry. Attention will be given to flu, COVID, TB and especially HIV/AIDS. Area of Focus: People, Place and Power
Prerequisites: Previous: Any 4 credits New: Any 4.0 credits
Rationale: The course description and title have been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRB30H3: GIS Principles and Applied Mapping

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Fundamentals of GIS I New: GIS Principles and Applied Mapping
Rationale: The title has been revised to better reflect the existing curriculum.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRB32H3: GIS in Action: Processing and Analysis

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Fundamentals of GIS II New: GIS in Action: Processing and Analysis
Rationale: The title has been revised to better reflect the existing curriculum.

Consultation: DCC Approved - September 18, 2025
Resources: None.
Proposal Status: Under Review

GGRB55H3: Cultural Geography

Description: Previous: The course introduces core concepts in cultural geography such as race and ethnicity, identity and difference, public and private, landscape and environment, faith and community, language and tradition, and mobilities and social change. Emphasis will be on cross-disciplinary, critical engagement with current events, pop culture, and visual texts including comics, photos, and maps. Area of Focus: Social/Cultural Geography New: The course introduces core concepts in cultural geography such as race and ethnicity, identity and difference, public and private, landscape and environment, faith and community, language and tradition, and mobilities and social change. Emphasis will be on cross-disciplinary, critical engagement with current events, pop culture, and visual texts including comics, photos, and maps. Area of Focus: People, Place and Power
Rationale: Updated with the new area of focus title.
Consultation: DCC Approval- September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC02H3: Population Geography

Description: Previous: An examination of the geographical dimension to human population through the social dynamics of fertility, mortality and migration. Themes include disease epidemics, international migration, reproductive technologies, and changing family structure. Area of focus: Social/Cultural Geography New: An examination of the geographical dimension to human population through the social dynamics of fertility, mortality and migration. Themes include disease epidemics, international migration, reproductive technologies, and changing family structure. Area of focus: People, Place and Power
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC09H3: Current Topics in People, Place and Power

Title: Previous: Current Topics in Social Geography New: Current Topics in People, Place and Power
Description: Previous: Examination and discussion of current trends and issues in social geography, with particular emphasis on recent developments in concepts and methods. This course is an unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year. Area of focus: Social/Cultural Geography New: Examination and discussion of current trends and issues in social geography, with particular emphasis on recent developments in concepts and methods. This course is a unique opportunity to explore a particular topic in-depth; the specific content will vary from year to year. Area of focus: People, Place and Power
Rationale: These special topics course in Social Geography was based on the Area of Concentration 'Social Geography'. Now that title of this concentration has been changed to 'People, Place and Power", the title is being revised to reflect that.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC10H3: Urbanization and Development

Description: Previous: Examines global urbanization processes and the associated transformation of governance, social, economic, and environmental structures particularly in the global south. Themes include theories of development, migration, transnational flows, socio-spatial polarization, postcolonial geographies of urbanization. Area of focus: Urban Geography New: Examines global urbanization processes and the associated transformation of governance, social, economic, and environmental structures particularly in the global south. Themes include theories of development, migration, transnational flows, socio-spatial polarization, postcolonial geographies of urbanization. Area of focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC11H3: Current Topics in Urban Sustainability

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Current Topics in Urban Geography New: Current Topics in Urban Sustainability
Description: Previous: Examination and discussion of current trends and issues in urban geography, with particular emphasis on recent developments in concepts and methods. This course is an unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year. Area of focus: Urban Geography New: Examination and discussion of current trends and issues in urban geography, with particular emphasis on recent developments in concepts and methods. This course is a unique opportunity to explore a particular topic in-depth; the specific content will vary from year to year. Area of focus: Urban Sustainability
Rationale: These special topics course in Urban Geography was based on the Area of Concentration 'Urban Geography'. Now that title of this concentration has been changed to "Urban Sustainability", the title is being revised to reflect that.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC12H3: Transportation Geography

Description: Previous: Transportation systems play a fundamental role in shaping social, economic and environmental outcomes in a region. This course explores geographical perspectives on the development and functioning of transportation systems, interactions between transportation and land use, and costs and benefits associated with transportation systems including: mobility, accessibility, congestion, pollution, and livability. Area of focus: Urban Geography New: Transportation systems play a fundamental role in shaping social, economic and environmental outcomes in a region. This course explores geographical perspectives on the development and functioning of transportation systems, interactions between transportation and land use, and costs and benefits associated with transportation systems including: mobility, accessibility, congestion, pollution, and livability. Area of focus: Urban Sustainability
Prerequisites: Previous: Any 8.0 credits including GGRA30H3 and [GGRB05H3 or CITA01H3/(CITB02H3)] New: Any 8.0 credits
Recommended Preparation: Previous: GGRB30H3 New: GGRA30H3 or GGRB30H3
Rationale: 1. Prerequisites/Recommended Prep courses: Revised prerequisites to create a better pathway for students. Moved GGRA30H3 from a prerequisite to recommended preparation for better guidance for students. 2. Description: Updated with the new area of focus title.
Consultation: DCC approved - September 18, 2025 RO Approval (Lindsey T.): Oct 29, 2025
Resources: None
Proposal Status: Under Review

GGRC13H3: Urban Political Geography

Description: Previous: Geographical approach to the politics of contemporary cities with emphasis on theories and structures of urban political processes and practices. Includes nature of local government, political powers of the property industry, big business and community organizations and how these shape the geography of cities. Area of focus: Urban Geography New: Geographical approach to the politics of contemporary cities with emphasis on theories and structures of urban political processes and practices. Includes nature of local government, political powers of the property industry, big business and community organizations and how these shape the geography of cities. Area of focus: People, Place and Power
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC21H3: Current Topics in Nature, Society and Environment Change

Title: Previous: Current Topics in Environmental Geography New: Current Topics in Nature, Society and Environment Change
Description:

Previous: Examination and discussion of current trends and issues in environmental geography, with particular emphasis on recent developments in concepts and methods. This course is an unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year. Area of focus: Environmental Geography New: Examination and discussion of current trends and issues in environmental geography, with particular emphasis on recent developments in concepts and methods. This course is a unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year. Area of focus: Nature, Society and Environmental Change
Rationale: These special topics course in Environmental Geography was based on the Area of Concentration 'Environmental Geography'. Now that title of this concentration has been changed to "Nature, Society and Environmental Change", the title is being revised to reflect that.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC24H3: Socio-Natures and the Cultural Politics of 'The Environment'

Description: Previous: Explores the processes through which segments of societies come to understand their natural surroundings, the social relations that produce those understandings, popular representations of nature, and how 'the environment' serves as a consistent basis of social struggle and contestation. Areas of focus: Environmental Geography; Social/Cultural Geography New: This course asks what counts as nature, for whom and when, and asks how environments are made in specific moments in time, for particular groups of people. Responding to these questions, the course examines children's books, film, art, video games and even pets, to interrogate the cultural politics that accompany representations of nature and entanglements with non-human life. Through examining the social claims at play in what is considered 'natural', or not, students make sense of the non—innocence of nature and discuss creative ways for constructing more just environments. Area of Focus: Nature, Society and Environmental Change; People, Place and Power
Rationale: The course description has been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC25H3: Land Reform and Development

Description: Previous: Land reform, which entails the redistribution of private and public lands, is broadly associated with struggles for social justice. It embraces issues concerning how land is transferred (through forceful dispossession, law, or markets), and how it is currently held. Land inequalities exist all over the world, but they are more pronounced in the developing world, especially in countries that were affected by colonialism. Land issues, including land reform, affect most development issues. Area of focus: Environmental Geography New: Land reform, which entails the redistribution of private and public lands, is broadly associated with struggles for social justice. It embraces issues concerning how land is transferred (through forceful dispossession, law, or markets), and how it is currently held. Land inequalities exist all over the world, but they are more pronounced in the developing world, especially in countries that were affected by colonialism. Land issues, including land reform, affect most development issues. Area of focus: Nature, Society and Environmental Change
Rationale: Updated with the new title of the area of focus.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC26H3: Geographies of Environmental Governance

Description: Previous: This course addresses the translation of environmentalisms into formalized processes of environmental governance and examines the development of environmental institutions at different scales, the integration of different forms of environmental governance, and the ways in which processes of governance relate to forms of environmental practice and management. Area of focus: Environmental Geography New: This research-intensive course examines how environments, resources and infrastructure projects are governed and contested. Through instruction on research design and methods, and a survey of literature examining the political economy of nature and Indigenous perspectives on land, students develop a term-long research project examining a key piece of infrastructure (for example, a pipeline, dam, or mine). The course provides robust training in the research process, including research design, questions, methods, and writing, equipping students to critically interrogate the governance of environments. Area of Focus: Nature, Society and Environmental Change
Rationale: The course description has been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC27H3: Location and Spatial Development

Description: Previous: Location of a firm; market formation and areas; agricultural location; urban spatial equilibrium; trade and spatial equilibrium; locational competition; equilibrium for an industry; trade and location. Area of focus: Urban Geography
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New: Location of a firm; market formation and areas; agricultural location; urban spatial equilibrium; trade and spatial equilibrium; locational competition; equilibrium for an industry; trade and location. Area of focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC28H3: Centering Indigenous Ecology and Justice

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Indigenous Peoples, Environment and Justice New: Centering Indigenous Ecology and Justice
Description: Previous: Engages Indigenous perspectives on the environment and environmental issues. Students will think with Indigenous concepts, practices, and theoretical frameworks to consider human-environment relations. Pressing challenges and opportunities with respect to Indigenous environmental knowledge, governance, law, and justice will be explored. With a focus primarily on Canada, the course will include case studies from the US, Australia, and Aotearoa New Zealand New: Engages Indigenous perspectives on the environment and environmental issues. Students will think with Indigenous concepts, practices, and theoretical frameworks to consider human-environment relations. Pressing challenges and opportunities with respect to Indigenous environmental knowledge, governance, law, and justice will be explored. With a focus primarily on Canada, the course will include case studies from the US, Australia, and Aotearoa New Zealand. Area of Focus: Nature, Society and Environmental Change; People, Place and Power
Rationale: The title has been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC31H3: Qualitative Geographical Methods: Place and Ethnography

Description: Previous: Explores the practice of ethnography (i.e. participant observation) within and outside the discipline of geography, and situates this within current debates on methods and theory. Topics include: the history of ethnography, ethnography within geography, current debates within ethnography, the "field," and ethnography and "development." New: Explores the practice of ethnography (i.e. participant observation) within and outside the discipline of geography, and situates this within current debates on methods and theory. Topics include: the history of ethnography, ethnography within geography, current debates within ethnography, the "field," and ethnography and "development." Area of Focus: People, Place and Power
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC33H3: The Toronto Region

Description: Previous: This course examines issues of urban form and structure, urban growth and planning in the Toronto region. Current trends in population, housing, economy, environment, governance, transport, urban design and planning practices at the local level and the regional scale will be examined critically. Area of focus: Urban Geography New: This course examines issues of urban form and structure, urban growth and planning in the Toronto region. Current trends in population, housing, economy, environment, governance, transport, urban design and planning practices at the local level and the regional scale will be examined critically. Area of focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRC34H3: Crowd-sourced Urban Geographies

Course Experience: Previous: Partnership-Based Experience New:
Rationale: Part of EL review. Doesn't have any reflection component and hence, removing the EL tag.
Consultation: DCC Approval: October 17, 2025 EL Approval (Al. Hearn): Oct 21, 2025
Resources: None

Proposal Status: Under Review

GGRC40H3: Megacities and Global Urbanization

Description:

Previous: The last 50 years have seen dramatic growth in the global share of population living in megacities over 10 million population, with most growth in the global south. Such giant cities present distinctive infrastructure, health, water supply, and governance challenges, which are increasingly central to global urban policy and health.

Area of focus: Urban Geography

New: The last 50 years have seen dramatic growth in the global share of population living in megacities over 10 million population, with most growth in the global south. Such giant cities present distinctive infrastructure, health, water supply, and governance challenges, which are increasingly central to global urban policy and health.

Area of focus: Urban Sustainability

Rationale: Updated with the new area of focus title.

Consultation: DCC Approved - September 18, 2025

Resources: None

Proposal Status: Under Review

GGRC44H3: Environmental Conservation and Sustainable Development

Description:

Previous: Deals with two main topics: the origins of environmental problems in the global spread of industrial capitalism, and environmental conservation and policies. Themes include: changes in human-environment relations, trends in environmental problems, the rise of environmental awareness and activism, environmental policy, problems of sustainable development.

Area of focus: Environmental Geography

New: Deals with two main topics: the origins of environmental problems in the global spread of industrial capitalism, and environmental conservation and policies. Themes include: changes in human-environment relations, trends in environmental problems, the rise of environmental awareness and activism, environmental policy, problems of sustainable development.

Area of focus: Nature, Society and Environmental Change

Course Experience:

Previous: Partnership-Based Experience

New: University-Based Experience

Rationale:

Part of EL review. Changing to 'University-based' as per the EL team's suggestion.

Updated with the new area of focus title.

Consultation:

DCC approved - September 18, 2025 (Area of Focus)

DCC Approval 2- October 17, 2025 (EL review)

EL Approval (Al Hearn): Oct 26, 2025

Resources: None

Proposal Status: Under Review

GGRC48H3: Geographies of Urban Poverty

Description:

Previous: How have social and economic conditions deteriorated for many urban citizens? Is the geographic gap widening between the rich and the poor? This course will explore the following themes: racialization of poverty, employment and poverty, poverty and gender socio-spatial polarization, and housing and homelessness.

Area of focus: Urban Geography

New: How have social and economic conditions deteriorated for many urban citizens? Is the geographic gap widening between the rich and the poor? This course will explore the following themes: racialization of poverty, employment and poverty, poverty and gender socio-spatial polarization, and housing and homelessness.

Area of focus: People, Place and Power; Urban Sustainability

Recommended Preparation

Previous:

New: CITA01H3/(CITB02H3) or GGRB05H3 or IDSA01H3

Rationale:

1. Updated with the new area of focus title.

2. Added recommended prep course to better support students in this course

Consultation: DCC Approved - September 18, 2025

Resources: None

Proposal Status: Under Review

GGRC50H3: Geographies of Education

Description:

Previous: Explores the social geography of education, especially in cities. Topics include geographical educational inequalities; education, class and race; education, the family, and intergenerational class immobility; the movement of children to attend schools; education and the 'right to the city.'

Areas of focus: Urban or Social/Cultural Geography

New: Explores the social geography of education, especially in cities. Topics include geographical educational inequalities; education, class and race; education, the family, and intergenerational class immobility; the movement of children to attend schools; education and the ‘right to the city.’ Areas of focus: People, Place and Power
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD01H3: Supervised Research Project

Description: Previous: An independent studies course open only to students in the Major Program in Human Geography. An independent studies project will be carried out under the supervision of an individual faculty member. New: An independent studies course open only to students in the Specialist and Major Program in Human Geography. An independent studies project will be carried out under the supervision of an individual faculty member.
Rationale: The description missed the Specialist program and just added that in.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD08H3: Local Geographies of the Urban Environment

Impact on Programs: This Proposal triggers modifications in the unit's programs(s)
Title: Previous: Research Seminar in Environmental Geography New: Local Geographies of the Urban Environment
Description: Previous: Designed for final-year Human Geography Majors, this seminar is devoted to analysis and discussion of advanced theoretical and methodological issues in Environmental Geography. Specific content will vary from year to year. Seminar format with active student participation. Area of focus: Environmental Geography New: This course focuses on the geographies of localized urban environmental issues and spaces with an emphasis on the theories and practices (praxis) of urban sustainability and urban environmental justice. The course examines environmental policy, processes, and issues, and in particular, community-based engagement, through an exploration of natural spaces and places of nature in Scarborough. Area of focus: Nature, Society and Environmental Change; Urban Sustainability
Course Experience: Previous: Partnership-Based Experience New: University-Based Experience
Rationale: 1. The course description and title have been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title. 2. Part of EL review - Changing from 'Partnership-based' to 'University-based' as per EL team's suggestion.
Consultation: DCC approved - September 18, 2025 (Course title, description, AoC) DCC approved - October 17, 2025 (EL review) EL Approval (Al Hearn): Oct 3, 2025
Resources: None
Proposal Status: Under Review

GGRD09H3: Feminist Geographies

Description: Previous: How do gender relations shape different spaces? We will explore how feminist geographers have approached these questions from a variety of scales - from the home, to the body, to the classroom, to the city, to the nation, drawing on the work of feminist geographers. Area of focus: Social/Cultural Geography New: How do gender relations shape different spaces? We will explore how feminist geographers have approached these questions from a variety of scales - from the home, to the body, to the classroom, to the city, to the nation, drawing on the work of feminist geographers. Area of focus: People, Place and Power; Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD10H3: Health and Sexuality

Description: Previous: Examines links between health and human sexuality. Particularly explores sexually transmitted infections. Attention will be given to the socially and therefore spatially constructed nature of sexuality. Other themes include sexual violence, masculinities and health, reproductive health, and transnational relationships and health. Examples will be taken from a variety of countries. Area of focus: Social/Cultural Geography

New: This course explores the connections between health, sexuality, and social inequalities. It begins by examining the socially constructed nature of sexuality and how this varies across time and place. Subsequent themes include masculinities and health, histories of love, reproductive health, and transnational relationships and health. Examples will be taken from a variety of countries, including in the global South, and special attention will be given to HIV/AIDS. Area of focus: People, Place and Power
Rationale: The course description has been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD14H3: Social Justice and the City

Description: Previous: Examines links between politics of difference, social justice and cities. Covers theories of social justice and difference with a particular emphasis placed on understanding how contemporary capitalism exacerbates urban inequalities and how urban struggles such as Occupy Wall Street seek to address discontents of urban dispossession. Examples of urban social struggles will be drawn from global North and South. Areas of focus: Urban or Social/Cultural Geography New: Examines links between politics of difference, social justice and cities. Covers theories of social justice and difference with a particular emphasis placed on understanding how contemporary capitalism exacerbates urban inequalities and how urban struggles such as Occupy Wall Street seek to address discontents of urban dispossession. Examples of urban social struggles will be drawn from global North and South. Areas of focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD15H3: Queer Geographies

Description: Previous: How do sex and gender norms take and shape place? To examine this question, we will explore selected queer and trans scholarship, with a particular emphasis on queer scholars of colour and queer postcolonial literatures. Course topics include LGBTQ2S lives and movements, cities and sexualities, cross-border migration flows, reproductive justice, and policing and incarceration. New: How do sex and gender norms take and shape place? To examine this question, we will explore selected queer and trans scholarship, with a particular emphasis on queer scholars of colour and queer postcolonial literatures. Course topics include LGBTQ2S lives and movements, cities and sexualities, cross-border migration flows, reproductive justice, and policing and incarceration. Area of Focus: People, Place and Power
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD16H3: Work and Livelihoods in the GTA

Description: Previous: As major engines of the global economy, cities are also concentrated sites of work and employment. Popular and political understandings about what constitutes "fair" and "decent" work, meanwhile, are currently facing profound challenges. From the rise of platformed gig work to the rising cost of living in many cities – this course introduces students to approaches within Geography that help to conceptualize what "work" is, and to major forces shaping the laboured landscapes of cities, with a focus on the Greater Toronto Area. In this course students will get the opportunity to explore the varied forms of production and reproduction that make the GTA function and thrive, and to develop a vocabulary and critical lens to identify the geographies of different kinds of work and employment relations. Students will also have the chance to develop labour market research skills, and to critically examine the forms of work they themselves undertake every day. New: As major engines of the global economy, cities are also concentrated sites of work and employment. Popular and political understandings about what constitutes "fair" and "decent" work, meanwhile, are currently facing profound challenges. From the rise of platformed gig work to the rising cost of living in many cities – this course introduces students to approaches within Geography that help to conceptualize what "work" is, and to major forces shaping the laboured landscapes of cities, with a focus on the Greater Toronto Area. In this course students will get the opportunity to explore the varied forms of production and reproduction that make the GTA function and thrive, and to develop a vocabulary and critical lens to identify the geographies of different kinds of work and employment relations. Students will also have the chance to develop labour market research skills, and to critically examine the forms of work they themselves undertake every day. Area of Focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD25H3: Research Seminar in Urban Spaces

Description: Previous: Designed for final-year Human Geography Majors, this seminar is devoted to analysis and discussion of current theoretical and methodological issues in urban geography. Specific content will vary from year to year. Seminar format with active student participation. Area of focus: Urban Geography
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New: Designed for final-year Human Geography Majors, this seminar is devoted to analysis and discussion of current theoretical and methodological issues in urban geography. Specific content will vary from year to year. Seminar format with active student participation. Area of focus: Urban Sustainability
Rationale: Updated with the new area of focus title.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD30H3: GIS Research Project

Course Experience: Previous: University-Based Experience New:
Rationale: Reviewed as part of the EL review. Although it's research/project-based course, it doesn't have any reflection component and hence removing the tag.
Consultation: DCC approved - October 17, 2025 EL Approval (Al Hearn): Oct 21, 2025
Resources: None
Proposal Status: Under Review

GGRD31H3: Independent Research Project

Description: Previous: Independent research extension to one of the courses already completed in Human Geography. Enrolment requires written permission from a faculty supervisor and Associate Chair, Human Geography. Only open to students who have completed 13.0 credits and who are enrolled in the Human Geography Major, Human and Physical Geography Major programs, or Minor Program in GIS sponsored by the Department of Human Geography. New: Independent research extension to one of the courses already completed in Human Geography. Enrolment requires written permission from a faculty supervisor and the Associate Chair, Human Geography. Only open to students who have completed 13.0 credits and who are enrolled in the Specialist and Major Program in Human Geography, Major Program in Physical and Human Geography, or Minor Program in GIS sponsored by the Department of Human Geography.
Rationale: Description missed the Specialist Program in Human Geography and just added to the list. The name of 'Physical and Human Geography' program wasn't written correctly, just corrected that as well.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD49H3: Land and Land Conflicts in the Americas

Description: Previous: This course explores various ways of making claims to possess or use land by first unsettling commonsense ideas about ownership and then tracing these through examples of classed, gendered and racialized property regimes. Through this exploration, the course shows that claims to land are historically and geographically specific, and structured by colonialism, and capitalism. Informed by a feminist interpretation of “conflict,” we look at microprocesses that scale up to largescale transformations in how land is lived. We end by engaging with Black and Indigenous epistemologies regarding how land might be differently cared for and occupied. Areas of focus: Environmental or Social/Cultural Geography New: In everyday life, we tend to equate land with property. This course excavates this assumption by exploring regimes of property and the alternative epistemologies of land and livelihood that they displace, looking at colonialism, contests over urban space, geopolitical conflict, and how we might realize more just land relations. Areas of focus: Nature, Society and Environmental Change; People, Place and Power
Course Experience: Previous: Partnership-Based Experience New:
Topics Covered: Course topics will be expanded to cover case studies not just in Latin America, but throughout the Americas.
Rationale: 1. The course description has been revised to better reflect the topics and content that will be discussed. Updated with the new area of focus title. 2. Part of EL review. Removing the tag as there is no reflection component.
Consultation: DCC approved - September 18, 2025 (title, description, area of focus) DCC approved - October 17, 2025 (EL review) EL Approval (Al. H.): Oct 3, 2025
Resources: None
Proposal Status: Under Review

3 Retired Courses

DTSB01H3: Introduction to Diaspora and Transnational Studies I

Rationale: This course was part of the list of dormant courses received from the Dean's Office. After careful review, the Department has decided to retire the course.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

DTSB02H3: Introduction to Diaspora and Transnational Studies II

Rationale: This course was part of the list of dormant courses received from the Dean's Office. After careful review, the Department has decided to retire the course.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

GGRD11H3: Advanced Geographical Theory and Methods

Rationale: This course was part of the list of dormant courses received from the Dean's Office. After careful review, the Department has decided to retire the course.
Consultation: DCC Approved - September 18, 2025
Resources: None
Proposal Status: Under Review

1 Program Modification

SCMAJ2030: MAJOR PROGRAM IN PUBLIC LAW (ARTS)

Completion Requirements:

Completion Requirements

Students must complete 8.0 credits in Public Law as follows:

1. Foundations in Public Law (2.5 credits):

POLB30H3 Law, Justice and Rights
 POLB56H3 Critical Issues in Canadian Politics
 POLB57H3 The Canadian Constitution and the Charter of Rights and Freedoms
 SOCB59H3 Sociology of Law
 POLC32H3 The Canadian Judicial System

2. Methods (1.5 credits):

SOCB05H3 Logic of Social Inquiry
 POLC35H3 Law and Politics: Contradictions, Approaches and Controversies
 and
 0.5 credit in Quantitative/statistical methods from the following
 [SOCB35H3 Foundations of Social Data Science Numeracy and Society
 or STAB23H3 Introduction to Statistics for the Social Sciences or POLB40H3 Quantitative Reasoning for Political Science and Public Policy]

3. Applications in Public Law (3.0 credits from the following):

POLC30H3 Law, Politics, and Technology
 POLC33H3 Politics of International Human Rights
 POLC34H3 The Politics of Crime
 POLC36H3 Law and Public Policy
 POLC38H3 International Law
 POLC39H3 Comparative Law and Politics
 POLC52H3 Indigenous Nations and the Canadian State
 POLC56H3 Indigenous Politics and Law
 POLD54H3 Michi-Saagiig Nishnaabeg Nation Governance and Politics
 SOCB50H3 Deviance and Normality I
 SOCC11H3 Policing and Security
 SOCC30H3 Criminal Behaviour
 SOCC46H3 Special Topics in the Sociology of Law
 SOCC61H3 The Sociology of the Truth and Reconciliation Commission

4. Advanced Applications in Public Law (1.0 credit from the following):

POLD30H3 Legal Reasoning
 POLD32H3 Racism, the Law, and Public Policy
 POLD38H3 Corporate Crime and Corruption: Law and Governance in a Global Context
 POLD42H3 Advanced Topics in Public Law
 POLD44H3 Comparative Law and Social Change
 POLD45H3 Constitutionalism
 POLD46H3 Public Law and the Canadian Immigration System
 POLD31H3 Mooting Seminar
 SOCD05H3 Advanced Seminar in Criminology and Sociology of Law

In meeting the applications and advanced applications requirements, students can apply to count up to 1.0 credit from other appropriate courses, including at the UTSC, UTM and St. George campuses, if approved by the Public Law Program Administrator.

Description of Proposed Changes:

Title change for SOCB35H3

Rationale:

The course title is being revised at the direction of the Department of Sociology.

Impact:

None

Consultations:

Dept. of Sociology (Lee B. for Hira A.): February 11, 2026
 OVPD Office: February 11, 2026

Resource Implications:

None

Proposal Status:

Under Review

Resources:

No additional resources required.

Proposal Status:

Under Review