SOC APPROVALS
June 24, 2026

The following proposals were approved at the June 24, 2026 meeting of the Subcommittee on Undergraduate Academic Courses (SOC).

FACULTY OF ARTS AND HUMANITIES

DEPARTMENT OF CLASSICAL STUDIES

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 2350A/B
ROMAN CONQUESTS AND CULTURAL IDENTITIES

Course Description
This course examines the expansion of the Roman Empire, the people conquered by Rome and their place within the empire by surveying the history, literature and material culture of the Roman Empire's provinces and cosmopolitan cities from Rome's foundation to the rise of Christianity.

Extra Information: 2 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 2525A/B
EGYPTIAN ART AND ARCHITECTURE

Course Description
This course is a broad introduction to the world of Egyptian art and architecture. Starting with the Predynastic period, we will trace the major trends of Egyptian visual culture and conclude with the New Kingdom. Emphasis will be placed on learning these trends within their cultural and historical context.

Extra Information: 2 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 2710A/B
ANCIENT GREEK SCIENCE

Course Description
This course considers the dawn and development in the ancient Greek city-states of the natural sciences. Scientific topics discussed include the Near Eastern heritage, cosmology, "the inquiry concerning nature", physics, astronomy, mathematics, biology, medicine, techniques of proof and demonstration, and theory construction. Relevant non-scientific topics include magic, astrology, and divination.

Extra Information: 2 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3100E
GREEK AND ROMAN DRAMA

Course Description
A selection of major plays studied principally as works of drama and on a thematic basis. Problems of staging and production in the ancient theatre will be considered, along with modern attempts to recreate the plays under wholly different circumstances.

Prerequisite(s): Classical Studies 1000, Latin 2000, Greek 2000, English 1020E or English 1024E.

Extra Information: 3 lecture hours.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3211F/G
ANCIENT TRICKSTERS, GLOBAL PERSPECTIVES

Course Description
This course explores how lies, cheating, and all forms of deviancy become a part of cultural identity in Ancient Greece through representation of the trickster figure. This course will also involve comparison of ancient tricksters with West African, Caribbean, Native American, First Nations, and other modern trickster figures.

Extra Information: 3 hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3300F/G
ANCIENT GREEK AND ROMAN SEXUALITY

Course Description
This course is designed to give students insight into ancient Greek and Roman sexuality using the artistic evidence of erotic vase-paintings, sculpture, wall-paintings, and everyday objects in combination with ancient literary sources on sexual themes. Topics examined include phallic symbolism, homosexuality, prostitution, male-to-female lovemaking, hermaphrodites, and transvestism.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3500F/G
GREEK AND ROMAN PAINTING

Course Description
A survey of Greek and Roman panel and wall painting, focusing on examples from Classical Athens, royal Macedonian tombs, and frescos of the Late Republic and Early Empire in Rome and Pompeii and Herculaneum. Emphasis will be placed on the social and historical meaning of these panel and wall paintings.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3530E
GREEK ART AND ARCHAEOLOGY

Course Description
A survey of the art and archaeology of ancient Greece from the Dark Ages through the Classical period (1050 - 323 BCE), focusing on the architecture, sculpture, and painting of the 6th and 5th centuries (c. 600 - 400 BCE), and the meaning and function of material culture in ancient Greek society.

Antirequisite(s): The former Visual Arts History 2247E.

Extra Information: 3 hours.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3550E
ARCHAEOLOGY OF ROME AND ITALY

Course Description
An examination of the archaeological evidence pertaining to Italy and Rome from 1000 BC to 300 AD. The course looks at the Etruscans and Greeks in Italy, the founding of Rome, and the development of the city through the Republican and Imperial periods.

Extra Information: 3 hours.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3555E
ARCHAEOLOGY OF THE ROMAN EMPIRE

Course Description
An examination of the archaeological evidence from the provinces of the Roman Empire. The course considers the historical background of Roman conquest and examines the archaeological remains of the cities and monuments in the eastern and western Roman provinces.

Extra Information: 3 hours.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

CLASSICAL STUDIES 3612F/G
GREEK POLITICAL THOUGHT: PLATO TO ARISTOTLE

Course Description
In this course we examine ancient Greek discourse about the city-state or polis. Readings (in translation) include Plato's Republic and Aristotle's Nicomachean Ethics and Politics. For these works, we will consider the themes of force, rationality, virtue, personal honour, happiness, justice, and the political organization of the community.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

CLASSICAL STUDIES 3531F/G
ART OF THE ANCIENT GREEK WORLD

Course Description
This course introduces students to the sculpture, crafts, painting and architecture of ancient Greece from the Bronze Age to the Hellenistic period (3000 - 30 BCE), as well as the meaning and function of art in ancient Greek society.

Antirequisite(s): Art History 3610F/G, the former Classical Studies 3530E.

Extra Information: 3 lecture hours. Cross-listed with Art History 3610F/G.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

CLASSICAL STUDIES 3532F/G
ARCHAEOLOGY OF THE ANCIENT GREEK WORLD

(Short Title: Archaeology of Ancient Greece)

Course Description
A thematic exploration of the ancient Greek world through archaeological evidence. We will look at various ancient Greek archaeological sites to examine themes such as public and private life, warfare, death, and politics.

Antirequisite(s): The former Classical Studies 3530E.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

SPECIALIZATION IN CLASSICAL STUDIES

This program is not sufficient for admittance to graduate programs in Classics/Classical Studies. Students who are considering graduate work in Classics should take the Honours Specialization in Classical Studies with some additional language courses in Greek and Latin.

Admission Requirements

Completion of first-year requirements, including Classical Studies 1000 with a mark of at least 60%.

Module
9.0 courses:

5.0 courses in Classical Studies, Greek or Latin at the 2000 level or above.
4.0 courses in Classical Studies, Greek or Latin at the 3000 level or above.

A maximum of 2.0 courses may be substituted for the courses in the last two items above from: ~~History of Science 2151F/G, History of Science 4420F/G (Greek and Roman Medicine);~~ **Art History 3610F/G,** Philosophy 2200F/G, **Philosophy 3002F/G, Philosophy 3003F/G, Philosophy 3005F/G, Philosophy 3006F/G,** Philosophy 3007F/G, Philosophy 3008F/G, Philosophy 4007F/G, **Philosophy 4015F/G, Philosophy 4016F/G,** Philosophy 4017F/G ~~(Ancient Philosophy); Visual Arts History 2247E, the former Visual Arts History 2249E, the former Visual Arts History 4445F/G (Greek and Roman Art). (Greek and Roman Art)~~.

Appropriate course substitutions**, including Special Topics courses,** may be made with the permission of Department.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN CLASSICAL STUDIES

Admission Requirements

Completion of first-year requirements. Classical Studies 1000 is recommended. ~~With permission of the Department, students may have the Classical Studies 1000 requirement waived in those courses for which it is normally a prerequisite.~~

Module
4.0 courses:

1.0 designated essay course in Classical Studies at the 2000 level or above.
3.0 courses in Classical Studies at the 2000 level or above.
A maximum of 2.0 courses may be substituted for the courses in the last two items above from: ~~History of Science 2151F/G, History of Science 4420F/G (Greek and Roman Medicine);~~ **Art History 3610F/G,** Philosophy 2200F/G, **Philosophy 3002F/G, Philosophy 3003F/G, Philosophy 3005F/G, Philosophy 3006F/G,** Philosophy 3007F/G, Philosophy 3008F/G, Philosophy 4007F/G, **Philosophy 4015F/G, Philosophy 4016F/G,** Philosophy 4017F/G ~~(Ancient Philosophy); Visual Arts History 2247E (Greek and Roman Art)~~.

Appropriate course substitutions, including Special Topics courses, may be made with the permission of Department.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN GREEK

Admission Requirements

Completion of first-year requirements, including Greek 1000 **or Greek 1001A/B and Greek 1002A/B** with ~~a~~ **no** mark ~~of at least~~ **below** 60%.

Module
4.0 courses:

3.0 courses in Greek at the 2000 level or above.
1.0 course from: Classical Studies 3000-4999 subject to departmental approval or Greek 4000-4999.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN GREEK AND LATIN

Admission Requirements

Completion of first-year requirements, including Greek 1000 **or Greek 1001A/B and Greek 1002A/B**, and Latin 1000 **or Latin 1001A/B and Latin 1002A/B** ~~or the former Greek 002 and Latin 002~~ with ~~a~~ **no** mark ~~of at least~~ **below** 60%.

Module
4.0 courses:

1.0 course in Greek at the 2000 level or above.
1.0 course in Latin at the 2000 level or above.
2.0 additional courses in Greek and/or Latin at the 2000 level or above.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN GREEK AND ROMAN ARCHAEOLOGY

Admission Requirements

Completion of first-year requirements. Classical Studies 1000 is recommended. ~~With permission of the Department, students may have the Classical Studies 1000 requirement waived in those courses at the 2000 level or above for which it is normally a prerequisite.~~

Module
4.0 courses:

4.0 courses from: Classical Studies 2500A/B, ~~Classical Studies 2525A/B,~~ Classical Studies 3010F/G, Classical Studies 3050F/G, Classical Studies 3515F/G, Classical Studies 3525F/G, ~~Classical Studies 3530E,~~ **Classical Studies 3531F/G, Classical Studies 3532F/G,** ~~Classical Studies 3550E,~~ Classical Studies 3551F/G, Classical Studies 3552F/G, Classical Studies 3553F/G, ~~Classical Studies 3555E,~~ Classical Studies 3585F/G, Classical Studies 4500F/G, Classical Studies 4510F/G, Classical Studies 4512F/G, Classical Studies 4550F/G, Classical Studies 4552F/G, Classical Studies 4580F/G, Classical Studies 4585F/G.

Appropriate course substitutions**, including Special Topics courses,** may be made with the permission of Department.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN GREEK AND ROMAN HISTORY

Admission Requirements

Completion of first-year requirements. Classical Studies 1000 is recommended. ~~With permission of the Department, students may have the Classical Studies 1000 requirement waived in those courses at the 2000-level or above for which it is normally a prerequisite.~~

Module:
4.0 courses

2.0 courses: Classical Studies 3410E, Classical Studies 3450E.
2.0 courses from: **Classical Studies 2225A/B,** Classical Studies 2300, Classical Studies 2301A/B, ~~Classical Studies 2350A/B,~~ Classical Studies 2440A/B, Classical Studies 2480A/B, Classical Studies 2500A/B, ~~Classical Studies 2525A/B,~~ Classical Studies 2700A/B, ~~Classical Studies 2710A/B,~~ Classical Studies 2840A/B, Classical Studies 3010F/G, Classical Studies 3050F/G, Classical Studies 3151F/G, Classical Studies 3181F/G, Classical Studies 3210F/G, ~~Classical Studies 3300F/G,~~ Classical Studies 3302E, Classical Studies 3303F/G, Classical Studies 3310F/G, Classical Studies 3315F/G, Classical Studies 3350F/G, Classical Studies 3355F/G, Classical Studies 3490F/G, Classical Studies 3515F/G, Classical Studies 3525F/G, ~~Classical Studies 3530E, Classical Studies 3550E,~~ Classical Studies 3551F/G, Classical Studies 3552F/G, Classical Studies 3553F/G, ~~Classical Studies 3555E,~~ Classical Studies 3585F/G, Classical Studies 3636F/G, **Classical Studies 3675F/G, Classical Studies 3676F/G,** Classical Studies 3850F/G, Classical Studies 4410F/G, Classical Studies 4450F/G, Classical Studies 4580F/G, Classical Studies 4585F/G~~, the former Classical Studies 3200F/G~~ (with a maximum of 1.0 course from the 2000-2999 level).

Appropriate course substitutions**, including Special Topics courses,** may be made with the permission of Department.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN GREEK AND ROMAN LITERATURE

Admission Requirements

Completion of first-year requirements. Classical Studies 1000 is recommended. ~~With permission of the Department, students may have the Classical Studies 1000 requirement waived in those courses at the 2000-level or above for which it is normally a prerequisite.~~

Module:
4.0 courses

4.0 courses from: Classical Studies 2200, Classical Studies 2225A/B, Classical Studies 3010F/G, Classical Studies 3050F/G, ~~Classical Studies 3100E,~~ Classical Studies 3102F/G, Classical Studies 3110F/G, Classical Studies 3130F/G, Classical Studies 3150F/G, Classical Studies 3151F/G, Classical Studies 3181F/G, ~~Classical Studies 3211F/G, Classical Studies 3612F/G,~~ Classical Studies 3800F/G, Classical Studies 3805F/G, Classical Studies 3850F/G, the former Classical Studies 3201F/G and no more than 1.0 course in Greek and/or Latin at the 3000-level or above.

Appropriate course substitutions**, including Special Topics courses,** may be made with the permission of Department.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN LATIN

Admission Requirements

Completion of first-year requirements, including Latin 1000 **or Latin 1001A/B and Latin 1002A/B** with ~~a~~ **no** mark ~~of at least~~ **below** 60%.

Module
4.0 courses:

3.0 courses in Latin at the 2000 level or above.
1.0 course from: Classical Studies 3000-4999 subject to departmental approval or Latin 4000-4999.

DEPARTMENT OF ENGLISH AND WRITING STUDIES

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

THEATRE STUDIES 2202F/G
PERFORMANCE BEYOND THEATRES

Course Description
Students will examine forms of contemporary performance that are less conventional and/or challenge conventional assumptions. This course will explore the performance of everyday life, contemporary avant-garde, site specific, and environmental theatre.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above “E” or combination of two 1000- level or above “F/G” courses from any department in the following Faculties: Arts and Humanities, School of Humanities (Brescia), Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King’s), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

THEATRE STUDIES 3205F/G
HISTORY OF PERFORMANCE THEORY

Course Description
This course introduces students to major statements and treatises about theatre and performance from Plato and Aristotle to anti-theatrical positions of the Renaissance and late-nineteenth and twentieth-century thinkers such as Nietzsche, Stanislavski, Artaud, Brecht, and Brook. Students will also apply theories of practice to specific dramatic texts.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above “E” or combination of two 1000- level or above “F/G” courses from any department in the following Faculties: Arts and Humanities, School of Humanities (Brescia), Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King’s), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

THEATRE STUDIES 4216F/G
REVIEWING PERFORMANCE

Course Description
This course explores the function of modern arts reviewing. We will study the form across several media platforms including Twitter, Facebook, and Instagram, and think critically about the place of long-form review criticism in contemporary culture. Students should expect to write multiple reviews over the course of the semester.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above "E" or combination of two 1000- level or above "F/G" courses from any department in the following Faculties: Arts and Humanities, School of Humanities (Brescia), Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King's), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

THEATRE STUDIES 2210F/G
THEATRE AND PERFORMANCE THEORY AND CRITICISM

(Short Title: Theatre and Performance Theory)

Course Description
This course introduces students to major statements and treatises about theatre and performance from the Greeks through the long twentieth century. Select trends in contemporary performance theory may be introduced. Students will also apply theories of practice to specific dramatic texts.

Antirequisite(s): The former Theatre Studies 3205F/G.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above "E" or combination of two 1000-level or above "F/G" courses from any department in the following Faculties: Arts and Humanities, Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King's), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

THEATRE STUDIES 3212F/G
REVIEWING FOR THE STAGE

Course Description
This course explores the craft of reviewing live theatre and performance in contemporary social and cultural contexts. Students should expect to write multiple reviews over the course of the semester. Publishing opportunities may be offered.

Antirequisite(s): The former Theatre Studies 4216F/G.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above “E” or combination of two 1000- level or above “F/G” courses from any department in the following Faculties: Arts and Humanities, Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King’s), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

THEATRE STUDIES 3325F/G
INTRODUCTION TO APPLIED THEATRE AND PERFORMANCE

(Short Title: Intro to Applied Theatre)

Course Description
This course introduces students to trends in contemporary performance that take us "outside" of conventional theatre settings. Topics may include: applied theatre in the community; site specific and environmental theatre; theatre by/for/with historically marginalized groups; performance and politics; performance and sport; the performance of everyday life.

Antirequisite(s): The former Theatre Studies 2202F/G.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above "E" or combination of two 1000-level or above "F/G" courses from any department in the following Faculties: Arts and Humanities, Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King's), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ENGLISH 2041F/G
~~SPECIAL TOPICS IN DRAMA~~ **THEATRE PRODUCTION**

Course Description
In this course, students participating in a major Western theatre production explore in theory and practice approaches to text in performance. ~~Only students working as an actor, director, stage manager, assistant stage manager, lighting, set or costume designer may enrol. Permission of the Chair of Undergraduate Studies required to enrol.~~ **The instructor will allocate specific roles from among the students enrolled in the course using various methods, including auditions. The instructor will choose the play to be produced.**

~~Antirequisite(s): English 2041F/G if taken prior to September 2014.~~

Extra Information: 3 lecture/tutorial hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

THEATRE STUDIES 2204F/G
~~FORMS AND GENRES:~~ **DRAMATIC LITERATURE 1: THE GREEKS TO SHAKESPEARE**

(Short Title: Dramatic Literature 1)

Course Description
This course will introduce students to the range of plays and theatre practices that shaped the first two millennia of theatre. Landmark texts will be studied in the context of the diverse theatre spaces, festivals, and political cultures in which the drama first came into being.

Antirequisite(s): English 2402F/G; Theatre Studies 2203E**; the former English 2400E**.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above "E" or combination of two 1000- level or above "F/G" courses from any department in the following Faculties: Arts and Humanities, ~~School of Humanities (Brescia),~~ Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King's), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

THEATRE STUDIES 2205F/G
~~FORMS AND GENRES~~ **DRAMATIC LITERATURE 2: THE MODERN CONTEXT**

(Short Title: Dramatic Literature 2)

Course Description
This course traces developments in playwriting, acting, and playhouse design from the Restoration to the present day. This introductory course will explore the theatrical innovations and political interventions of the work of such dramatists as Aphra Behn, George Lillo, Ibsen, Brecht, Pinter, Caryl Churchill, and Sarah Kane.

Antirequisite(s): English 2403F/G, Theatre Studies 2203E**; the former English 2400E**.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above "E" or combination of two 1000- level or above "F/G" courses from any department in the following Faculties: Arts and Humanities, ~~School of Humanities (Brescia),~~ Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King's), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

THEATRE STUDIES 3208F/G
TABLE WORK: THEATRICAL CLOSE READINGS

(Short Title: Theatrical Close Readings)

Course Description
Students will close-read parts in plays ~~in order~~ to analyze a script's vocal patterning, experiment with the pacing of a scene in terms of breath, silences, and "beats", shape interpretations of character, tone, and motivation, and debate what constitutes textual "clues" to performance.

Prerequisite(s): At least 60% in 1.0 of any 1000-level or above “E” or combination of two 1000- level or above “F/G” courses from any department in the following Faculties: Arts and Humanities, ~~School of Humanities (Brescia),~~ Information and Media Studies (FIMS), or Music; or from any of the following additional Departments: Anthropology, English (King’s), English and Cultural Studies (Huron), History (Main and Affiliates), Philosophy (Affiliates), Political Science (Main and Affiliates), the Religious Studies (Affiliates), or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN THEATRE STUDIES

Admission Requirements

Completion of first-year requirements. Theatre Studies 1020A/B is recommended.

Students will be eligible for an Honours BA with double major if they obtain a 70% average in the courses of each major module with no mark less than 60% in each course. No failures are permitted on options.

Module
6.0 courses:

~~1.0~~ **1.5 courses** taken in Year 2 or Year 3 **from**: Theatre Studies 2201F/G~~,~~ ~~Theatre Studies 2202F/G~~ **Theatre Studies 2204F/G, Theatre Studies 2205F/G, the former Theatre Studies 2202F/G**.
~~1.0 course taken in Year 2 or Year 3: Theatre Studies 2204F/G and Theatre Studies 2205F/G (offered in alternating years).~~
~~3.0~~ **4.5 courses** taken in Years 2, 3 and 4 from**: Arts and Humanities 3000A/B/Y, English 2041F/G, Theatre Studies 2210F/G,** Theatre Studies 3000-4999~~, English 2041F/G, Arts and Humanities 3000A/B/Y~~.

Of the above 4.5 courses, up to 1.0 course may come from the following list: Classical Studies 3130F/G, Creative Arts 3210A/B, Creative Arts 4100A/B, Creative Arts 4200A/B, Creative Arts 4411A/B, Digital Humanities 2800A/B, English 3323F/G, English 3327A/B, English 3330E, English 3331F/G, English 3337E, English 3338E, English 3372F/G, English 3490F/G, English 3557F/G, English 3558F/G, English 3776F/G, English 3778F/G, Film Studies 2152F/G, Film Studies 3362F/G, French 2121A/B, Italian 3352F/G, MediaCom 3211F/G or Film Studies 3361F/G, MediaCom 3776A/B, MediaCom 4201F/G, Music 2700A/B, Music 2701A/B, Studio Art 2676F/G, Writing 2204F/G, Writing 2530A/B, Writing 3824F/G. Other appropriate courses may be substituted with the permission of the Theatre Studies program director.
~~1.0 courses taken in Years 3 and 4 from Theatre Studies 3000-4999, or from the following courses offered outside the Theatre Studies program: Art History 2660F/G or Film Studies 3356F/G, English 3330E, English 3331F/G, English 3372F/G, English 3490F/G, English 3776F/G, Classical Studies 3130F/G, Film Studies 3361F/G, Film Studies 3362F/G, Film Studies 3371F/G, Music 2700A/B, Music 2701A/B, Writing 2204F/G, Writing 2224F/G, Writing 2530A/B, Comparative Literature and Culture 3351F/G, Comparative Literature and Culture 3352F/G, Comparative Literature and Culture 3353F/G, Comparative Literature and Culture 3382F/G, Digital Humanities 2303F/G, Italian 3352F/G, the former~~

~~Visual Arts History 2230F/G. Other appropriate courses may be substituted with the permission of the Theatre Studies program director.~~

Note: students choosing to register in Arts and Humanities 3000A/B/Y must arrange their internship in consultation with the Director of Theatre Studies no later than three months prior to the start of classes.

Note: Theatre Studies 3206F/G and Theatre Studies 3207F/G are offered at the Stratford Festival Theatre during Intersession. Interested students are advised to take these courses no later than the end of Year 3 to meet graduation deadlines.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN THEATRE STUDIES

Admission Requirements

Completion of first-year requirements. Theatre Studies 1020A/B is recommended.

Module
4.0 courses:

~~1.0~~ **1.5** course**s** taken in Year 2 or Year 3 **from**: Theatre Studies 2201F/G, ~~Theatre Studies 2202F/G~~ **Theatre Studies 2204F/G, Theatre Studies 2205F/G, the former Theatre Studies 2202F/G**.
~~1.0 course taken in Year 2 or Year 3: Theatre Studies 2204F/G and Theatre Studies 2205F/G (offered in alternating years).~~
~~1.0~~ **2.5** course**s** taken in Years **2,** 3 and 4 from**: Arts and Humanities 3000A/B/Y, English 2041F/G, Theatre Studies 2210F/G,** Theatre Studies 3000-4999~~, English 2041F/G, Arts and Humanities 3000A/B/Y~~.

Of the above 2.5 courses, up to 1.0 course may come from the following substitution list: Classical Studies 3130F/G, Creative Arts 3210A/B, Creative Arts 4100A/B, Creative Arts 4200A/B, Creative Arts 4411A/B, Digital Humanities 2800A/B, English 3323F/G, English 3327A/B, English 3330E, English 3331F/G, English 3337E, English 3338E, English 3372F/G, English 3490F/G, English 3557F/G, English 3558F/G, English 3776F/G, English 3778F/G, Film Studies 2152F/G, Film Studies 3362F/G, French 2121A/B, Italian 3352F/G, MediaCom 3211F/G or Film Studies 3361F/G, MediaCom 3776A/B, MediaCom 4201F/G, Music 2700A/B, Music 2701A/B, Studio Art 2676F/G, Writing 2204F/G, Writing 2530A/B, Writing 3824F/G. Other appropriate courses may be substituted with the permission of the Theatre Studies program director.
~~1.0 courses taken in Years 3 and 4 from Theatre Studies 3000-4999, or from the following courses offered outside the Theatre Studies program: Art History 2660F/G or Film Studies 3356F/G, English 3330E, English 3331F/G, English 3372F/G, English 3490F/G, English 3776F/G, Classical Studies 3130F/G, Film Studies 3361F/G, Film Studies 3362F/G, Film Studies 3371F/G, Music 2700A/B, Music 2701A/B, Writing 2204F/G, Writing 2224F/G, Writing 2530A/B, Comparative Literature and Culture 3351F/G, Comparative Literature and Culture 3352F/G, Comparative Literature and Culture 3353F/G, Comparative Literature and Culture 3382F/G, Digital Humanities 2303F/G, Italian 3352F/G, the former Visual Arts History 2230F/G. Other appropriate courses may be substituted with the permission of the Theatre Studies program director.~~

Note: students choosing to register in Arts and Humanities 3000A/B/Y must arrange their internship in consultation with the Director of Theatre Studies no later than three months prior to the start of classes.

Note: Theatre Studies 3206F/G and Theatre Studies 3207F/G are offered at the Stratford Festival Theatre during Intersession. Interested students are advised to take these courses no later than the end of Year 3 to meet graduation deadlines.

DEPARTMENT OF PHILOSOPHY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 1000E
INTRODUCTION TO PHILOSOPHY & CRITICAL THINKING

Course Description
A survey of philosophical problems, with reference to both classical and contemporary philosophers. Topics include the mind/body problem, the existence of God, perception and matter, freedom and determinism. Basic principles of reasoning and critical thinking will be introduced to enhance the student's ability to evaluate the various forms of reasoning.

Antirequisite(s): Philosophy 1100E, Philosophy 1200, Philosophy 1300E.

Prerequisite(s): Registration restricted to Scholar's Elective students.

Extra Information: 3 lecture hours, 1 tutorial hour biweekly.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 1022E
ADVANCED INTRODUCTION TO PHILOSOPHY

Course Description
Questions about knowledge and reality, mind and body, morality and justice, truth and beauty,sex and gender, God's existence and attributes, and rationality and philosophical paradoxes are explored in this course designed for students with some acquaintance with philosophy who wish to further develop their analytic and expressive skills.

Antirequisite(s): Philosophy 1000E, Philosophy 1020, Philosophy 1100E, Philosophy 1250F/G, Philosophy 1300E, Philosophy 1350F/G.

Extra Information: 2 lecture hours, 1 tutorial hour.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 1100E
PHILOSOPHY FROM ANTIQUITY TO THE 20TH CENTURY

Course Description
A study of selected works by great philosophers from Socrates to the present. Stress will be laid on the systematic unity of the thought of individual philosophers, and on the influence their ideas had on their followers and on the thought of the present day.

Antirequisite(s) at Main campus: Philosophy 1000E, Philosophy 1250F/G, Philosophy 1300E, Philosophy 1350F/G. **Antirequisite(s) at** Huron, King's campus: Philosophy 1300E.

Extra Information: 3 lecture hours.
Course Weight: 1.00

Administrative Note: Philosophy 1100E is also offered at Huron University College and King's University College. Only the offering from Main campus is being withdrawn.

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 1200
REASONING AND CRITICAL THINKING

Course Description
An introduction to basic principles of reasoning and critical thinking designed to enhance the student's ability to evaluate various forms of reasoning as found in everyday life as well as in academic disciplines. The course will deal with such topics as inductive and deductive reasoning, the nature and function of definitions, types of fallacies, the use and misuse of statistics, and the rudiments of logic. Primarily for first-year students.

Antirequisite(s) at Main campus: Philosophy 1000E, Philosophy 1230A/B.

Extra Information: 2 lecture hours, 1 tutorial hour.
Course Weight: 1.00

Administrative Note: Philosophy 1200 is also offered at Huron University College. Only the offering from Main campus is being withdrawn.

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 1300E
INTRODUCTORY PHILOSOPHY

Course Description
A survey of selected philosophical problems, with reference to both classical and contemporary philosophers. Specimen topics include: the mind/body problem, the existence of God, perception and matter, freedom and determinism. Primarily for first-year students.

Antirequisite(s): Philosophy 1100E

Extra Information: 3 hours
Course Weight: 1.00

Administrative Note: Philosophy 1300E is also offered at Huron University College and King's University College. Only the offering from Main campus is being withdrawn.

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 1340F/G
PHILOSOPHY THROUGH FILM

Course Description
This course introduces students to philosophical inquiry through film. Certain films can be interpreted as attempting to answer our deepest questions. We will view films in order to explore the nature of truth, knowledge, time, self, evil, and life's meaning.

Extra Information: 3 hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

PHILOSOPHY 2084A/B
THE MEANING OF LIFE

Course Description
A philosophical exploration of interrelated questions: Why does the universe exist? Why do humans (in general) exist? Why do I exist? Ancient, scholastic and contemporary sources will be examined, including both theistic and atheistic stances as well as approaches that question the meaningfulness of these questions.

Antirequisite(s): Philosophy 2666F/G.

Extra Information: 3.0 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 2039A/B
LIVING WELL IN THE AGE OF ARTIFICIAL INTELLIGENCE

(Short Title: Living Well in the Age of AI)

Course Description
What does it mean to live well in an age of rapid technological change? This course investigates the relationship between well-being and emerging technologies. Through engagement with historically important philosophical theories of well-being, students will assess the promises and dangers that new technologies present for living well.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 2041A/B
ARTIFICIAL INTELLIGENCE: PAST AND PRESENT

(Short Title: AI: Past and Present)

Course Description
This course traces the evolution of artificial intelligence from early symbolic systems through to modern generative AI and agentic AI systems. From the perspective of contemporary philosophy of AI, students examine the ideas, values, and motivations that have shaped AI's development and continue to influence its trajectory.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 2043F/G
ARTIFICIAL INTELLIGENCE AND OUR FUTURE

(Short Title: AI and our Future)

Course Description
This course examines AI’s impact on our capacity to create positive futures. Through philosophical exploration of AI's ethical and epistemic dimensions, students examine contemporary systems such as algorithmic decision-making, agentic AI, and consumer-facing technologies. The course asks whether these systems ultimately help or hinder our efforts to build humane futures.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 2100A/B
BIAS, BULLSHIT, AND BLUSTER

Course Description
Bias, bullshit, and bluster permeate many facets of contemporary life. In this course, students will learn to identify these phenomena in a range of contexts, including science, politics, and journalism, while developing a nuanced understanding of their nature and their ethical and political significance.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 2600F/G
INTRODUCTION TO METAPHYSICS

Course Description
This course addresses the most important questions in metaphysics: What is a human being? Do we have free will? How does the mind relate to the body? In what respect do things persist through change? Are there abstract objects? What is the nature of space, time, and causality?

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 2663F/G
PHILOSOPHY OF YOGA

Course Description
This course explores philosophical perspectives on classical yoga, especially Patañjali's Yogasūtra, and the development of modern postural yoga. Through lectures, discussions, and guided practices, students explore how these traditions illuminate key philosophical ideas – including freedom, self, perception, reality, ethics, language, and aesthetics – while gaining both conceptual understanding and experiential insight.

Extra Information: Blended (2 hours in-person, 1 hour online).
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

PHILOSOPHY 3300F/G
ADVANCED PHILOSOPHY OF SCIENCE

Course Description
This course will explore select topics in contemporary philosophy of science, such as scientific realism and anti-realism, the nature of scientific laws, empiricism in the philosophy of science, scientific objectivity, social epistemology, scientific models, and science and values. The focus will be on understanding rival positions on these topics.

Prerequisite(s): Philosophy 2300F/G, or permission of the department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHILOSOPHY 2062F/G
~~POWER, PRIVILEGE, AND OPPRESSION~~ **POWER, OPPRESSION, AND PRIVILEGE**

(Short Title: Power, Oppression, & Privilege)

Course Description
An examination of philosophical approaches to understanding relationships of power, privilege, and oppression. Material will include work in feminist philosophy, critical race theory, and/or postcolonial theory. There will be discussion of forms of oppression along the lines of gender, race, class, disability, and sexuality, with a focus on intersectional analyses.

Antirequisite(s): Philosophy 2630F/G.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHILOSOPHY 2065F/G
EVIL, SUFFERING, AND PESSIMISM

Course Description
What is evil and why does it exist in the world? Is there more pain in life than pleasure, and is anyone truly happy? Is this even the worst of all possible worlds? In this course, we will consider responses to these questions throughout the history of modern philosophy.

Extra Information: 3.0 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHILOSOPHY 2300F/G
INTRODUCTION TO PHILOSOPHY OF SCIENCE

(Short Title: Intro to Philosophy of Science)

Course Description
A discussion of conceptual problems which fall between science and philosophy, as well as broader epistemological issues concerning theory change and the concept of progress in science.

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 2300F/G is also offered at Huron University College. Huron University College has agreed that the revision apply across both campuses.

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHILOSOPHY 2720F/G
~~THE ETHICS OF PROFESSIONAL RELATIONSHIPS~~ **PROFESSIONAL ETHICS**

Course Description
Professionals have special rights and duties that attach to their professional roles. This course will focus on the special ethical obligations that professionals have to themselves, to their clients, to their employers, to third parties, to their professions, and to society at large.

Extra Information: 3 hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN PHILOSOPHY

Admission Requirements

Completion of first year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses with no mark below 60%. 1.0 course from Philosophy 1020, ~~Philosophy 1022E, Philosophy 1100E, Philosophy 1200~~ **Philosophy 1220A/B, Philosophy 1230A/B** is recommended.

Module
9.0 courses:

1.0 course in Logic from: Philosophy 2020, Philosophy 2250 or Philosophy 2252W/X.
1.0 course in History of Philosophy from: Philosophy 2200F/G, Philosophy 2202F/G, Philosophy 3002F/G, Philosophy 3003F/G, Philosophy 3005F/G, Philosophy 3006F/G, Philosophy 3012F/G, Philosophy 3020F/G, Philosophy 3022F/G, Philosophy 3023F/G, Philosophy 3024F/G, Philosophy 3026F/G, Philosophy 3027F/G, Philosophy 3028F/G, Philosophy 3030F/G, Philosophy 3031F/G, Philosophy 3032F/G, Philosophy 3033F/G, Philosophy 3035F/G, Philosophy 3170F/G, Philosophy 4007F/G, Philosophy 4035F/G, Philosophy 4045F/G, Philosophy 4050F/G or Philosophy 4107F/G, the former Philosophy 4023F/G.
1.0 course in Ethics, Politics and Law from: Philosophy 2062F/G, Philosophy 2700F/G, Philosophy 2800F/G, Philosophy 2801F/G, Philosophy 2821F/G, Philosophy 3170F/G, Philosophy 3180F/G, Philosophy 3435F/G, Philosophy 3710F/G, Philosophy 3720F/G or Philosophy 3810F/G.
1.0 course in Knowledge, Representation and Reality from: Philosophy 2037F/G, Philosophy 2044F/G, Philosophy 2050F/G, Philosophy 2061F/G, Philosophy 2253A/B, Philosophy 2260F/G, Philosophy 2265A/B, Philosophy 2300F/G, Philosophy 2350F/G, Philosophy 2400F/G, Philosophy 2410F/G, Philosophy 2500F/G, Philosophy 2661F/G, Philosophy 3040F/G, Philosophy 3260F/G, Philosophy 3270F/G, **Philosophy 3300F/G,** Philosophy 3340F/G, Philosophy 3410F/G, Philosophy 3420F/G, Philosophy 3450F/G, Philosophy 3501F/G, Philosophy 3601F/G, Philosophy 4210F/G, Philosophy 4410F/G, Philosophy 4510F/G or Philosophy 4610F/G, the former Philosophy 3430F/G.
0.5 course in Equity, Diversity, and Inclusion from: Philosophy 2062F/G, Philosophy 2077F/G, Philosophy 2355F/G, **Philosophy 2663F/G,** Philosophy 2664F/G, Philosophy 2810F/G, Philosophy 3031F/G, Philosophy 3555F/G, Philosophy 3810F/G, Philosophy 3830F/G, Philosophy 4107F/G, Philosophy 4331F/G, Philosophy 4530F/G, Philosophy 4730F/G, Philosophy 4750F/G or Philosophy 4751F/G. Additional special topics courses to be announced annually; special permission for appropriate courses offered outside the department will be considered.

0.5 Honours Capstone course from: Philosophy 4900F/G or Philosophy 4901F/G.
4.0 additional courses in Philosophy at the 2000 level or higher.

Note: At least 4.0 of the 9.0 must be at the 3000 level or higher.

Program Revision – Effective September 1, 2026, the following changes be made:

SPECIALIZATION IN PHILOSOPHY

Admission Requirements

Completion of first year requirements. 1.0 course from Philosophy 1020, ~~Philosophy 1022E, Philosophy 1100E,~~ Philosophy 1130F/G, ~~Philosophy 1200,~~ **Philosophy 1220A/B, Philosophy 1230A/B,** Philosophy 1350F/G is recommended.

Module
9.0 courses:

1.0 course in History of Philosophy from: Philosophy 2200F/G, Philosophy 2202F/G, Philosophy 3002F/G, Philosophy 3003F/G, Philosophy 3005F/G, Philosophy 3006F/G, Philosophy 3012F/G, Philosophy 3020F/G, Philosophy 3022F/G, Philosophy 3023F/G, Philosophy 3024F/G, Philosophy 3026F/G, Philosophy 3027F/G, Philosophy 3028F/G, Philosophy 3030F/G, Philosophy 3031F/G, Philosophy 3032F/G, Philosophy 3033F/G, Philosophy 3035F/G, Philosophy 3170F/G, Philosophy 4007F/G, Philosophy 4035F/G, Philosophy 4045F/G, Philosophy 4050F/G or Philosophy 4107F/G, the former Philosophy 4023F/G.
1.0 course in Ethics, Politics and Law from: Philosophy 2062F/G, Philosophy 2700F/G, Philosophy 2800F/G, Philosophy 2801F/G, Philosophy 2821F/G, Philosophy 3170F/G, Philosophy 3180F/G, Philosophy 3435F/G, Philosophy 3710F/G, Philosophy 3720F/G or Philosophy 3810F/G.
1.0 course in Knowledge, Representation and Reality from: Philosophy 2037F/G, Philosophy 2044F/G, Philosophy 2050F/G, Philosophy 2061F/G, Philosophy 2253A/B, Philosophy 2260F/G, Philosophy 2265A/B, Philosophy 2300F/G, Philosophy 2350F/G, Philosophy 2400F/G, Philosophy 2410F/G, Philosophy 2500F/G, Philosophy 2661F/G, Philosophy 3040F/G, Philosophy 3260F/G, Philosophy 3270F/G, **Philosophy 3300F/G,** Philosophy 3340F/G, Philosophy 3410F/G, Philosophy 3420F/G, Philosophy 3450F/G, Philosophy 3501F/G, Philosophy 3601F/G, Philosophy 4210F/G, Philosophy 4410F/G, Philosophy 4510F/G or Philosophy 4610F/G, the former Philosophy 3430F/G.
0.5 course in Equity, Diversity, and Inclusion from: Philosophy 2062F/G, Philosophy 2077F/G, Philosophy 2355F/G, **Philosophy 2663F/G,** Philosophy 2664F/G, Philosophy 2810F/G, Philosophy 3031F/G, Philosophy 3555F/G, Philosophy 3810F/G, Philosophy 3830F/G, Philosophy 4107F/G, Philosophy 4331F/G, Philosophy 4530F/G, Philosophy 4730F/G Philosophy 4750F/G or Philosophy 4751F/G. Additional special topics courses to be announced annually; special permission for appropriate courses offered outside the department will be considered.
5.5 additional courses in Philosophy at the 2000 level or above.

Note: At least 4.0 of the 9.0 must be at the 3000 level or higher.

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN PHILOSOPHY

Admission Requirements

Completion of first year requirements. 1.0 course from Philosophy 1020, ~~Philosophy 1022E, Philosophy 1100E,~~ Philosophy 1130F/G, ~~Philosophy 1200,~~ **Philosophy 1220A/B, Philosophy 1230A/B,** Philosophy 1350F/G is recommended.

Module
6.0 courses:

0.5 course in History of Philosophy from: Philosophy 2200F/G, Philosophy 2202F/G, Philosophy 3002F/G, Philosophy 3003F/G, Philosophy 3005F/G, Philosophy 3006F/G, Philosophy 3012F/G, Philosophy 3020F/G, Philosophy 3022F/G, Philosophy 3023F/G, Philosophy 3024F/G, Philosophy 3026F/G, Philosophy 3027F/G, Philosophy 3028F/G, Philosophy 3030F/G, Philosophy 3031F/G, Philosophy 3032F/G, Philosophy 3033F/G, Philosophy 3035F/G, Philosophy 3170F/G, Philosophy 4007F/G, Philosophy 4035F/G, Philosophy 4045F/G, Philosophy 4050F/G or Philosophy 4107F/G, the former Philosophy 4023F/G.
0.5 course in Ethics, Politics, and Law from: Philosophy 2062F/G, Philosophy 2700F/G, Philosophy 2800F/G, Philosophy 2801F/G, Philosophy 2821F/G, Philosophy 3170F/G, Philosophy 3180F/G, Philosophy 3435F/G, Philosophy 3710F/G, Philosophy 3720F/G or Philosophy 3810F/G.
0.5 course in Knowledge, Representation, and Reality from: Philosophy 2037F/G, Philosophy 2044F/G, Philosophy 2050F/G, Philosophy 2061F/G, Philosophy 2253A/B, Philosophy 2260F/G, Philosophy 2265A/B, Philosophy 2300F/G, Philosophy 2350F/G, Philosophy 2400F/G, Philosophy 2410F/G, Philosophy 2500F/G, Philosophy 2661F/G, Philosophy 3040F/G, Philosophy 3260F/G, Philosophy 3270F/G, **Philosophy 3300F/G,** Philosophy 3340F/G, Philosophy 3410F/G, Philosophy 3420F/G, Philosophy 3450F/G, Philosophy 3501F/G, Philosophy 3601F/G, Philosophy 4210F/G, Philosophy 4410F/G, Philosophy 4510F/G or Philosophy 4610F/G, the former Philosophy 3430F/G.
0.5 course in Equity, Diversity, and Inclusion from: Philosophy 2062F/G, Philosophy 2077F/G, Philosophy 2355F/G, **Philosophy 2663F/G,** Philosophy 2664F/G, Philosophy 2810F/G, Philosophy 3031F/G, Philosophy 3555F/G, Philosophy 3810F/G, Philosophy 3830F/G, Philosophy 4107F/G, Philosophy 4331F/G, Philosophy 4530F/G, Philosophy 4730F/G, Philosophy 4750F/G or Philosophy 4751F/G. Additional special topics courses to be announced annually; special permission for appropriate courses offered outside the department will be considered.
4.0 additional courses in Philosophy at the 2000 level or above.

Note: At least 3.0 of the 6.0 must be at the 3000 level or higher.

DEPARTMENT OF VISUAL ARTS

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

ART HISTORY 2608F/G
SEXUALITY IN MODERN VISUAL CULTURE

Course Description
An introduction to the representation of sexuality in modern and/or contemporary visual culture. Topics may include artistic practices from the 19th century through to the present.

Antirequisite(s): The former Art History 2508F/G, the former VAH 2287F/G.

Prerequisite(s): 1.0 first-year course from Arts and Humanities or Social Science, or permission of the Department.

Extra Information: 3 hours: lecture, blended or online format.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

ART HISTORY 2613E
GREEK ART

Course Description
The development of Greek art from the post-Mycenaean "Dark Ages" to Roman times, with emphasis on the stylistic origins of vase painting and sculpture of the Geometric, Archaic, Classical and Hellenistic periods.

Antirequisite(s): the former VAH 2247E.

Prerequisite(s): 1.0 from Art History 1640 or the former VAH 1040 or two of Art History 1641A/B-1648A/B or the former VAH 1041A/B – 1045A/B, or Classical Studies 1000, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

ART HISTORY 2626F/G
BAROQUE AND ROCOCO ART IN EUROPE

Course Description
A survey of Baroque and Rococo-era art and architecture of the 17th and 18th centuries in Europe.

Antirequisite(s): Art History 2636F/G, or the former VAH 2260E, the former VAH 2262F/G.

Prerequisite(s): 1.0 from Art History 1640 or the former VAH 1040 or two of Art History 1641A/B – 1649A/B or the former VAH 1041A/B – 1045A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours: lecture, blended or online format.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

ART HISTORY 2642F/G
EXPRESSIONISM TO SURREALISM

Course Description
The development of architecture, sculpture, painting and related arts in Europe and the United States from the turn of the twentieth century to World War II, in the light of the historical and intellectual background of the period.

Antirequisite(s): the former VAH 2277E, the former VAH 2279F/G, the former VAH 2280F/G.

Prerequisite(s): 1.0 from Art History 1640 or the former VAH 1040 or two of Art History 1641A/B – 1649A/B or the former VAH 1041A/B – 1045A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours: lecture, blended or online format.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

ART HISTORY 2644F/G
ABSTRACT TO NEO-EXPRESSIONISM

Course Description
The development of post-war visual arts in the Western world, against the historical and intellectual background of the period.

Antirequisite(s): the former VAH 2278E, the former VAH 2281F/G.

Prerequisite(s): 1.0 from Art History 1640 or the former VAH 1040 or two of Art History 1641A/B – 1649A/B or the former VAH 1041A/B – 1045A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours: lecture, blended or online format.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

ART HISTORY 3602F/G
ART HISTORY AND STUDIO IN DIALOGUE

Course Description
An advanced course intersecting the study of a topic in art history and theory with related studio practices.

Antirequisite(s): Studio Art 3604F/G, the former VAH 3379F/G, the former VAH 3389E, the former VAS 3379F/G, the former VAS 3389E.

Prerequisite(s): Registration in a Visual Art module or permission of the Department.

Extra Information: 4 seminar/studio hours, lecture, blended, or online format.
Cross-listed with Studio Art 3604F/G.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

STUDIO ART 2643
INTRODUCTION TO SCULPTURE AND INSTALLATION

Course Description
An introduction to contemporary processes used in three-dimensional construction. Students will experiment with a variety of new and used materials and construction methods while developing skills by using tools in plaster, wood and metal workshops. The course will emphasize exploration of presentation models including sculpture, installation and performance.

Antirequisite(s): Studio Art 2640A/B, Studio Art 2642A/B, the former VAS 2222A/B.

Prerequisite(s): Studio Art 1601 or Studio Art 1605, or the former VAS 1020 or the former VAS 1025, or permission of the Department.

Extra Information: 6 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

STUDIO ART 2663
INTRODUCTION TO TIME-BASED MEDIA ART

Course Description
A studio course introducing the technical foundations of contemporary media production, including digital imagery, distributed on-line work, sound recording and mixing, as well as basic video camerawork and editing. This lecture/studio course also locates contemporary digital practices within the broader history of cultural production, tracing developments in technology and media arts.

Antirequisite(s): Studio Art 2660A/B, Studio Art 2662A/B, the former VAS 2250, the former VAS 2252A/B, the former VAS 2254A/B.

Prerequisite(s): Studio Art 1601 or Studio Art 1605, or the former VAS 1020 or the former VAS 1025, or permission of the Department.

Extra Information: 3 studio hours, lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

STUDIO ART 3604F/G
ART HISTORY AND STUDIO IN DIALOGUE

Course Description
An advanced course intersecting the study of a topic in art history and theory with related studio practices.

Antirequisite(s): Art History 3602F/G, the former VAH 3379F/G, the former VAH 3389E, the former VAS 3379F/G, the former VAS 3389E.

Prerequisite(s): Registration in a Visual Art module or permission of the Department.

Extra Information: 4 seminar/studio hours, lecture, blended, or online format. Cross-listed with Art History 3602F/G.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

STUDIO ART 3643
SCULPTURE AND INSTALLATION

Course Description
A continuation of making art in three dimensions, and the expansive materials, ideas and techniques of contemporary sculpture. Students will experiment with a variety of fabrication methods, including woodworking, metalwork, moldmaking, casting, and 3D rendering software. Emphasis will be placed on the conceptual and material development of students' individual interests.

Antirequisite(s): Studio Art 3640A/B, Studio Art 3642A/B.

Prerequisite(s): Studio Art 2640A/B, Studio Art 2642A/B, Studio Art 2643, the former VAS 2222A/B, or permission of the Department.

Extra Information: 4 studio hours, lecture, blended, or online format. Priority will be given to students registered in the Visual Arts Program.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

STUDIO ART 3653
PHOTOGRAPHY

Course Description
A continuation of the study of photography.

Antirequisite(s): Studio Art 3650A/B, Studio Art 3652A/B, the former VAS 3340, the former VAS 3341A/B, the former VAS 3342A/B.

Prerequisite(s): Studio Art 2650A/B, Studio Art 2652A/B/Y, or the former VAS 2240, the former VAS 2244A/B, the former VAS 2246A/B, or permission of the Department.

Extra Information: 4 seminar/studio hours, lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 1.00

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

STUDIO ART 3663
TIME-BASED MEDIA ART

Course Description
A continuation of the study of media art forms including web- based animation, multi-track audio recording and mixing, advanced video editing techniques as well as the development of interactive electronic environments. This lecture/studio course also locates contemporary digital practices within the broader history of cultural production.

Antirequisite(s): Studio Art 3664A/B, the former VAS 3350, VAS 3356A/B.

Prerequisite(s): Studio Art 2660A/B, Studio Art 2662A/B, Studio Art 2663, or the former VAS 2250, the former VAS 2252A/B, the former VAS 2254A/B, or permission of the Department.

Extra Information: 4 studio hours, lecture, blended, or online format. Priority will be given to students registered in the Visual Arts program.
Course Weight: 1.00

Course Introduction – Effective September 1, 2026, the following course be introduced:

ART HISTORY 2624F/G
RENAISSANCE ART IN EUROPE AND THE IBERIAN TERRITORIES

(Short Title: Renaissance Art)

Course Description
A survey of Renaissance and Iberian colonial contact-era art and visual culture considering the early global exchanges linking Europe, the Americas, Asia and other continental connections.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

ART HISTORY 2652F/G
ART, EMPIRE, AND REVOLUTION IN THE LONG NINETEENTH CENTURY

(Short Title: Art, Empire, and Revolution)

Course Description
A thematic survey of artistic innovation during the long nineteenth century in the context of revolution, modernization, and global cultural exchange.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

ART HISTORY 2654F/G
ART OF THE AVANT-GARDES

Course Description
A thematic survey of modernist challenges to artistic tradition in the late nineteenth and early twentieth centuries, including the rise and fall of the avant-gardes in a global context.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

ART HISTORY 3610F/G
ART OF THE ANCIENT GREEK WORLD

Course Description
This course introduces students to the sculpture, crafts, painting and architecture of ancient Greece from the Bronze Age to the Hellenistic period (3000 - 30 BCE), as well as the meaning and function of art in ancient Greek society.

Antirequisite(s): Classical Studies 3531F/G, the former Classical Studies 3530E.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format. Cross-listed with Classical Studies 3531F/G.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

MUSEUM AND CURATORIAL STUDIES 4606A/B
EXHIBITION PRACTICUM

Course Description
In this capstone course, students collaborate to realize an exhibition. They gain hands-on experience in research, interpretation, exhibition design, and public programming. The course emphasizes professional skill development and experiential learning, preparing students for careers in museums and the broader arts and culture sector.

Antirequisite(s): Museum and Curatorial Studies 4605E.

Prerequisite(s): Registration in year 3 or 4 of a Visual Arts module, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

STUDIO ART 1602A/B
FOUNDATIONS: IMAGE AND TRACE

Course Description
A studio course introducing design principles and foundational technical and conceptual skills in drawing, printmaking, and photography.

Antirequisite(s): Studio Art 1601, Studio Art 1605.

Extra Information: 1 lecture hour and 3 studio lab hours, blended or online format. No Visual Arts portfolio required.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

STUDIO ART 1603A/B
FOUNDATIONS: FORM AND SPACE

Course Description
A studio course introducing design principles and foundational technical and conceptual skills in painting, sculpture, and media.

Antirequisite(s): Studio Art 1601, Studio Art 1605.

Extra Information: 1 lecture hour and 3 studio lab hours, blended or online format. No Visual Arts portfolio required.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ART HISTORY 2674A/B
ISLAMIC VISUAL CULTURE

Course Description
This course explores Islamic visual culture by focusing on three main design elements in Islamic art and architecture: calligraphy, arabesque and geometry. The course emphasizes the aesthetic, visual, and cultural importance of ornamentation in Islamic art and examines its manifestation in the work of contemporary artists.

Antirequisite(s): Studio Art 2670A/B.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program. Cross-listed with Studio Art 2670A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ART HISTORY 2680F/G
STUDY TRIP TO OAXACA, MEXICO – ART HISTORY

Course Description
Students will explore the rich cultural heritage of the city of Oaxaca, Mexico, from ancient to contemporary art through archeological sites, colonial monuments, and museums. This course combines in-class instruction with a one-week travel opportunity to Oaxaca during Reading Week.

Prerequisite(s): 1.0 from Art History 1640 ~~or the former VAH 1040~~ or two of Art History 1641A/B**, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B,** ~~–~~ **Art History** 1649A/B ~~or the former VAH 1041A/B – 1045A/B~~ or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department. Co-requisite(s): Studio Art 2680A/B.

Extra Information: 3 hours; lecture, blended or online format. 1-week travel to Oaxaca, Mexico, during Reading Week. Students will be charged a travel fee. See the Department/Program for more information.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ART HISTORY 3638A/B
DEATH IN MEXICAN ART: FROM ANCIENT TIMES TO TODAY

Course Description
This course examines the visual culture of death in Mexican art, from ancient civilizations to contemporary times, and addresses the globalization of the Day of the Dead celebration. Students will create artworks relating to death and investigate artwork that engages with the topic of death in Mexican Art.

Antirequisite(s): Museum and Curatorial Studies 3638A/B and Studio Art 3678A/B.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 4 hours: 2 Lecture, 2 Studio, blended, or online format.
Cross-listed with Studio Art 3678A/B and Museum and Curatorial Studies 3638A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ART HISTORY 3672A/B
IN-BETWEEN CULTURES: INVESTIGATIONS OF CULTURAL TRANSLATION IN VISUAL ARTS

Course Description
This course investigates the notion of living between cultures brought about by the act of migration and applies theories of cultural translation to the realm of visual arts practice, with a focus on the transnational activities that occur in the art practices of contemporary artists in the diaspora.

Antirequisite(s): Studio Art 3670A/B.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours: lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program. Cross-listed with Studio Art 3670A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

MUSEUM AND CURATORIAL STUDIES 3660A/B/Y
DIGITAL ~~TOOLS~~ DESIGN ESSENTIALS FOR ARTS PROFESSIONALS

(Short Title: Digital Design Essentials)

Course Description
Th~~e~~**is** course introduces ~~students of art history and museum and curatorial studies to some of the basic~~ digital tools **and design principles** required ~~for~~ **by arts** professionals in the field. ~~Topics will include: image editing and optimization, documentation and digital photography, poster and catalogue design, creating didactic panels, 360 video and photo capture, etc~~ **It focuses on practical skills and best practices for exhibition planning, promotion, and documentation using readily available software**.

Prerequisite(s): Registration in a Visual Arts module.

Extra Information: 3 lecture hours (or equivalent). In-person, blended or online format.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

MUSEUM AND CURATORIAL STUDIES 4605E
MUSEUM AND CURATORIAL PRACTICUM

Course Description
In this capstone ~~seminar class, students work together with the professor to plan and execute a major curatorial project. This class provides essential skills and practical experience for those hoping to move into careers in the museums and culture fields.~~ **course, students collaborate to develop and realize an exhibition. They gain hands-on experience in research, interpretation, exhibition design, and public programming. The course emphasizes professional skill development and experiential learning, preparing students for careers in museums and the broader arts and culture sector.**

Antirequisite(s): ~~the former VAH 4485E, the former VAS 4485E~~ **Museum and Curatorial Studies 4606A/B**.

Prerequisite(s): Registration in year 3 and 4 **of a Visual Arts module** ~~in Honours Specialization in Art History and Museum Studies or Major in Museum and Curatorial Studies~~, or permission of the Department.

Extra Information: 3 hours, lecture, blended or online format.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 1601
FOUNDATIONS OF VISUAL ARTS

Course Description
A studio course designed to introduce students to techniques and processes of two-dimensional and three-dimensional media; the theoretical concepts which inform and direct studio practice will be emphasized.

Antirequisite(s): Studio Art 1602A/B, Studio Art 1603A/B, Studio Art 1605~~, the former VAS 1020, the former VAS 1025~~.

Extra Information: 1 lecture hour and 3 studio lab hours, blended or online format. Note: No Visual Arts portfolio required. Some sessions may involve drawing from the nude (female or male) as part of the curriculum of the course. Students may request an alternate assignment.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 1605
ADVANCED VISUAL ARTS FOUNDATION STUDIO

Course Description
This course is designed to develop foundational technical and conceptual skills for students with prior experience working with visual art media. Focus will be placed on the techniques and processes of two-dimensional and three-dimensional media with an emphasis on the theoretical concepts that inform and direct contemporary studio practices.

Antirequisite(s): Studio Art 1601, ~~the former VAS 1020, the former VAS 1025~~ **Studio Art 1602A/B, Studio Art 1603A/B**.

Prerequisite(s): Submission and acceptance of a prepared Visual Arts portfolio.

Extra Information: 6 studio hours, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum of the course. Students may request an alternate component assignment.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2610A/B
INTRODUCTION TO DRAWING

Course Description
Introduction to drawing as an independent practice, and as a tool for conceptual, perceptual, and technical problem solving.

Antirequisite(s): Studio Art 2510A/B, the former VAS 2204A/B, the former VAS 2210.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2620A/B
INTRODUCTION TO PAINTING

Course Description
Introduction to painting practice, with a focus on developing critical understandings in concert with techniques. Projects address theoretical, historical, and contemporary approaches to painting, and integrate these with studio practice.

Antirequisite(s): Studio Art 2621, the former VAS 2210, the former VAS 2216A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2621
INTRODUCTION TO PAINTING

Course Description
Introduction to painting, with a focus on developing critical understandings in concert with techniques. Projects address theoretical, historical, and contemporary approaches to two-dimensional art production, and integrate these with studio practice.

Antirequisite(s): Studio Art 2620A/B, the former VAS 2210, or the former VAS 2216A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended, or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2630A/B
INTRODUCTION TO PRINT MEDIA

Course Description
An introduction to print media practices including relief, intaglio, and silkscreen.

Antirequisite(s): the former VAS 2236A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2640A/B
INTRODUCTION TO SPATIAL PRACTICES

Course Description
An introduction to art in three dimensions, and the expansive materials, ideas and techniques that contemporary sculpture encompasses (such as architecture, fashion, design, and performance). Students will experiment with a variety of new and used materials, including clay, textiles and wood. Conceptual and theoretical exploration through sculpture, installation and/or performance will be emphasized.

Antirequisite(s): Studio Art 2643, the former VAS 2222A/B, the former VAS 224A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2642A/B
INTRODUCTION TO SCULPTURE AND INSTALLATION

Course Description
A further introduction to art in three dimensions, and the expansive materials, ideas and techniques that contemporary sculpture encompasses (such as architecture, fashion, design, and performance). Students will experiment with a variety of materials, including clay, textiles and wood. Conceptual and theoretical exploration through sculpture, installation and/or performance will be emphasized.

Antirequisite(s): Studio Art 2643, the former VAS 2222A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2645
INTRODUCTION TO CERAMIC ART

Course Description
This course will explore approaches to working with ceramic materials in a fine arts context. Fundamental construction methods and surface design techniques will be taught alongside discussions of historical, contemporary, and theoretical approaches to working with ceramics.

Antirequisite(s): Studio Art 2690A/B/Y if taken in 2022-23 or 2023-24.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, or permission of the Department.

Extra Information: 4 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program. Students will be charged a non-refundable fee. See Department for more information.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2650A/B
INTRODUCTION TO PHOTOGRAPHY

Course Description
An introduction to the basic techniques, theory and practice in photography.

Antirequisite(s): the former VAS 2240, the former VAS 2244A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2652A/B/Y
INTRODUCTION TO DIGITAL PHOTOGRAPHY

Course Description
A comprehensive examination of digital photographic techniques and production, including image processing, digital output and the use of related software applications. The course also traces the evolution of digital imaging, examining its historical foundations and the theoretical debates that have informed its status.

Antirequisite(s): the former VAS 2246A/B.

Prerequisite(s): MediaCom 1070A/B, or Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~or MediaCom 1070A/B, or the former VAS 1020, or the former VAS 1025,~~ or permission of the Department.

Extra Information: 6 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2660A/B
INTRODUCTION TO TIME-BASED MEDIA ART: SOUND AND PERFORMANCE

Course Description
A studio course introducing the basic technical foundations of contemporary media art production, including digital image, video, DIY electronics, documentation, and online platforms. This lecture/studio course also locates contemporary digital practices within the broader history of cultural production, tracing developments in technology and media arts.

Antirequisite(s): Studio Art 2663, the former VAS 2250, the former VAS 2254A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 3 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2662A/B
INTRODUCTION TO TIME-BASED MEDIA ART: VIDEO AND ANIMATION

Course Description
A studio course introducing the basic technical foundations of contemporary media art production, including video, animation, web design and online platforms. This lecture/studio course also locates contemporary digital practices within the broader history of cultural production, tracing developments in technology and media arts.

Antirequisite(s): Studio Art 2663, the former VAS 2250, the former VAS 2252A/B.

Prerequisite(s): Studio Art 1601, or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~the former VAS 1020 or the former VAS 1025,~~ or permission of the Department.

Extra Information: 3 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2664A/B
MEDIA ART IN THE AGE OF INTELLIGENT MACHINES

Course Description
This course explores how artificial intelligence, automation, and algorithmic systems are transforming contemporary media art. Students experiment with creative technologies – machine learning, generative art, and interactive systems – while critically examining their social, cultural, and ethical implications through hands-on projects and theoretical inquiry.

Prerequisite(s): Studio Art 1601, **or Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, or permission of the Department.

Extra Information: 3 hours, lecture, blended, or online format. There is an associated cost with this course, see the Department for more information.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2670A/B
ISLAMIC VISUAL CULTURE

Course Description
This course explores Islamic visual culture by focusing on three main design elements in Islamic art and architecture: calligraphy, arabesque and geometry. The course emphasizes the aesthetic, visual, and cultural importance of ornamentation in Islamic art and examines its manifestation in the work of contemporary artists.

Antirequisite(s): Art History 2674A/B.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or Studio Art 1601, **or Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program. Cross-listed with Art History 2674A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2676A/B
LANDMARKS: SPATIAL STORYTELLING, LAND, ART, PLACE & COMMUNITY I

Course Description
For Haudenosaunee the landscape is an animate, living, and embodied archive with which we are all interconnected. This studio-based course involves community engagement learning where students will create site-specific artworks that explore our (inter)relationships with the living archive of 'place', while inspired by the rich cultural histories of this territory.

Antirequisite(s): Indigenous Studies 2676A/B.

Prerequisite(s): Studio Art 1601**,** or **Studio Art 1602A/B and Studio Art 1603A/B, or** Studio Art 1605, ~~or the former VAS 1020, or the former VAS 1025,~~ or 1.0 from Art History 1640 ~~or the former VAH 1040~~ or two of Art History 1641A/B, **Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, – Art History** 1648A/B ~~or the former VAH 1041A/B – 1045A/B~~ or permission of the Department or Indigenous Studies 1020E.

Extra Information: 6 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program. Cross-listed with Indigenous Studies 2676A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 2680A/B
STUDY TRIP TO OAXACA, MEXICO – PHOTOGRAPHY

Course Description
Students will explore creative photography production and capture cultural heritage of the City of Oaxaca, Mexico, through visits to archeological sites, colonial monuments, and museums. This course combines in-class instruction with a one-week travel opportunity to Oaxaca during Reading Week.

Prerequisite(s): Studio Art 1601**, or Studio Art 1602A/B and Studio Art 1603A/B,** or Studio Art 1605, ~~or the former VAS 1020 or the former VAS 1025,~~ or MediaCom 1070A/B, or permission of the Department. Co-requisites: Art History 2680F/G.

Extra Information: 3 hours; lecture, blended or online format. 1-week travel to Oaxaca, Mexico, during Reading Week. Students will be charged a travel fee. See the Department/Program for more information.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 3670A/B
IN-BETWEEN CULTURES: INVESTIGATIONS OF CULTURAL TRANSLATION IN VISUAL ARTS

Course Description
This course investigates the notion of living between cultures brought about by the act of migration and applies theories of cultural translation to the realm of visual arts practice, with a focus on the transnational activities that occur in the art practices of contemporary artists in the diaspora.

Antirequisite(s): Art History 3672A/B.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 3 hours: lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program. Cross-listed with Art History 3672A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 3673A/B
CALLIGRAPHY TO CONCEPTUAL ART: TEXT AS IMAGE IN VISUAL ARTS

Course Description
This course explores the multiple ways in which writing and other forms of visible language have been incorporated in the visual arts. The course provides an opportunity for creating calligraphy-based projects using traditional East Asian and Islamic calligraphy techniques as well as conceptual text-based art.

Antirequisite(s): The former Studio Art 4670A/B.

Prerequisite(s): Studio Art 1601, Studio Art 1602A/B and Studio Art 1603A/B, Studio Art 1605, or permission of the Department.

Extra Information: 3 studio hours: lecture, blended, or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 3674A/B
ALTERNATIVE APPROACHES TO CREATIVE METHODS

Course Description
A studio course that encourages students to delve deeply into the conceptual potential of materials and methods in contemporary artmaking. Complementary to discipline specific courses, this course is designed to advance students' methodological approaches and hone their sense of voice and positionality as artists. Self-reflective engagement is emphasized.

Prerequisite(s): Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or permission of the Department.

Extra Information: 4 studio hours, lecture, blended or online format. Priority will be given to students registered in a Visual Arts program.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 3676A/B
LANDMARKS: SPATIAL STORYTELLING, LAND, ART, PLACE AND COMMUNITY II

Course Description
For Haudenosaunee the landscape is an animate, living and embodied archive with which we are all interconnected. This studio-based course involves continued and richer community engagement learning where students will create site-specific artworks that explore (inter)relationships with the archive of 'place'. This course is a continuation of Studio Art 2676A/B.

Antirequisite(s): Indigenous Studies 3676A/B.

Prerequisite(s): Indigenous Studies 1020E, Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or permission of the Department.

Extra Information: 6 studio and/or lecture hours, blended or online format. Priority will be given to students registered in a Visual Arts program. Cross-listed with Indigenous Studies 3676A/B.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STUDIO ART 3678A/B
DEATH IN MEXICAN ART: FROM ANCIENT TIMES TO TODAY

Course Description
This course examines the visual culture of death in Mexican art from ancient civilizations to contemporary times, and it addresses the globalization of the Day of the Dead celebration. Students will create artworks relating to death and investigate artwork that engages with the topic of death in Mexican Art.

Antirequisite(s): Art History 3638A/B and Museum and Curatorial Studies 3638A/B.

Prerequisite(s): 1.0 from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B or Studio Art 1601, **Studio Art 1602A/B and Studio Art 1603A/B,** Studio Art 1605, or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department.

Extra Information: 4 hours: 2 Lecture, 2 Studio, blended, or online format.
Cross-listed with Art History 3638A/B and Museum and Curatorial Studies 3638A/B.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

BACHELOR OF FINE ARTS, HONOURS SPECIALIZATION IN STUDIO ART

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses including: **1.0 course from Studio Art 1601,** Studio Art 1605**,** or ~~Studio Art 1601~~ **Studio Art 1602A/B and Studio Art 1603A/B**; 1.0 course from Art History 1640 or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B or Art History 1648A/B; and 1.0 additional course.

Students seeking admission to Studio Art 1605 directly from high school must submit a portfolio of their studio work for Department assessment as part of the University admission process. Students who are accepted and who meet the admission requirements listed above will be admitted to the BFA program without the need of another portfolio review at the end of the Studio Art 1605 course.

Students applying from high school who have taken a special Grade 12 Studio Practice Program may be eligible to enroll in 1.0 Studio Art 2600-level course~~(s)~~ in their first-year of studies in lieu of Studio Art 1605 with permission from the Department.

Students admitted to Studio Art 1601 **or Studio Art 1602A/B and Studio Art 1603A/B** may still enter the BFA program provided they meet the admission requirements listed above and submit a portfolio of work for approval ~~toward the end of the second term of the Studio Art 1601 course~~ **in March of the year the student completes their Intent to Register to transfer into the BFA**.

Module
9.0 courses:

0.5 course from: Studio Art 2500A/B, Studio Art 2502A/B, Studio Art 2504Y.
0.5 course: Art History 2600F/G.
2.0 additional courses in Art History or Museum and Curatorial Studies at the 2600-level or above.
1.0 course: Studio Art 2602A/B/Y, Studio Art 3602A/B/Y.
2.0 additional courses in Studio Art at the 2600-level.
2.0 courses in Studio Art at the 3600-level or above.
1.0 additional course in Studio Art at the 4600-level (Studio Art 4605 is recommended).

Notes:

- It is recommended that students take a minimum of 0.5 Art History course in historical eras prior to 1800 or topics in non-Western Art.
- A maximum of 1.0 Art History course at the 2600-level or above may be substituted with 1.0 course from Indigenous Studies 2501F/G, Indigenous Studies 2682F/G, Classical Studies 3530E, Classical Studies 3550E, Classical Studies 3555E, Classical Studies 3890F/G.
- It is recommended that students hoping to work in the arts and culture sector take 1.0 internship course, if eligible.

Related Information

For modules that can and cannot be combined, please visit the Visual Arts Modular Checklist site https://www.uwo.ca/visarts/undergraduate/Modules.html

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN STUDIO ART

Admission Requirements

Completion of first-year requirements, including **1.0 course from** Studio Art 1601**,** ~~or~~ Studio Art 1605, **or Studio Art 1602A/B and Studio Art 1603A/B,** ~~or the former VAS 1025 or the former VAS 1020,~~ with a minimum grade of 60%.

Module
4.0 courses:

0.5 course from: Studio Art 2500A/B or the former VAS 2274A/B, Studio Art 2502A/B or the former VAS 2275A/B, or Studio Art 2504Y or the former VAS 2276Y.
1.5 courses from: Studio Art 2600-level or the former VAS at the 2200-level.
1.0 course from: Studio Art 3600-level or the former VAS at the 3300-level.
1.0 course from: Studio Art 2600-level or above or the former VAS at the 2200-level or above.

Note: Students may substitute a 0.5 or 1.0 Studio Art 2508A/B, Studio Art 2510A/B, Studio Art 2560A/B in lieu of 0.5 or 1.0 SA 2600-level course.

Related Information

For modules that can and cannot be combined, please visit the Visual Arts Modular Checklist site https://www.uwo.ca/visarts/undergraduate/Modules.html

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN ART HISTORY AND STUDIO ART

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including **1.0 course from** Studio Art 1601, ~~or~~ Studio Art 1605, **or Studio Art 1602A/B and Studio Art 1603A/B,** ~~or the former Visual Arts Studio 1020 or the former Visual Arts Studio 1025,~~ and 1.0 course from either Art History 1640 ~~or the former Visual Arts History 1040~~ or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, A**rt** H**istory** 1646A/B or A**rt** H**istory** 1648A/B, ~~or the former Visual Arts History 1041A/B, the former Visual Arts History 1042A/B, the former Visual Arts History 1043A/B, the former Visual Arts History 1044A/B or the former Visual Arts History 1045A/B,~~ with a minimum grade of 60% in each course.

Module
9.0 courses:

2.0 courses in Studio Art at the 2600-level or the former Visual Arts Studio at the 2200-level.
2.0 courses in Art History at the 2600-level or the former Visual Arts History at the 2200-level.
0.5 course from: Studio Art 2500A/B, Studio Art 2502A/B or Studio Art 2504Y, or the former Visual Arts Studio 2274A/B, the former Visual Arts Studio 2275A/B or the former Visual Arts Studio 2276Y.
0.5 course from: Art History 2600F/G, or the former VAH 2241F/G.
2.0 courses in Art History or Studio Art at the 3600-level, or the former Visual Arts History or Visual Arts Studio at the 3300-level.
1.0 course from: Studio Art 4601 or the former Visual Arts Studio 4448 or in Art History or Studio Art at the 4600-level or the former Visual Arts History or Visual Arts Studio at the 4400-level.
1.0 additional course in Art History, Museum and Curatorial Studies or Studio Art at the 2600-level or above or the former Visual Arts History or Visual Arts Studio at the 2200-level or above.

Notes:

- A minimum of 1.0 Art History course or the former Visual Arts History course must be in the historical eras prior to 1800 or topics in non-Western Art.
- A maximum of 1.0 Art History course at the 3600-level or the former Visual Arts History course at the 3300-level may be substituted with 1.0 of Indigenous Studies 2501F/G, Classical Studies 3530E, Classical Studies

3550E, Classical Studies 3555E Classical Studies 3500F/G, or the former Classical Studies 3520E.
- Students are encouraged to study a foreign language, as most graduate programs in Art History require students to demonstrate proficiency in one or more foreign languages.

Related Information

For modules that can and cannot be combined, please visit the Visual Arts Modular Checklist site https://www.uwo.ca/visarts/undergraduate/Modules.html

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN ART HISTORY AND STUDIO ART

Admission Requirements

Completion of first-year requirements, including **1.0 course from** Studio Art 1601, ~~or~~ Studio Art 1605, **or Studio Art 1602A/B and Studio Art 1603A/B,** ~~or the former Visual Arts Studio 1020 or the former Visual Arts Studio 1025,~~ and 1.0 course from either Art History 1640 ~~or the former Visual Arts History 1040~~ or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B or Art History 1648A/B, ~~or the former Visual Arts History 1041A/B, the former Visual Arts History 1042A/B, the former Visual Arts History 1043A/B, the former Visual Arts History 1044A/B or the former Visual Arts History 1045A/B,~~ with a minimum grade of 60% in each course.

Module
6.0 courses:

1.0 course in Studio Art at the 2600-level or the former Visual Arts Studio at the 2200 level.
1.0 course in Art History at the 2600-level or the former Visual Arts History at the 2200 level.
0.5 course from: Studio Art 2500A/B, Studio Art 2502A/B or Studio Art 2504Y, or the former Visual Arts Studio 2274A/B, the former Visual Arts Studio 2275A/B or the former Visual Arts Studio 2276Y.
2.0 courses in Art History or Studio Art at the 3600-level or the former Visual Arts Studio or Visual Arts History at the 3300-level.
1.5 additional courses in Art History, Museum and Curatorial Studies or Studio Art at the 2600-level or the former Visual Arts Studio or Visual Arts History at the 2200 level or above.

Notes:

- A minimum of 0.5 Art History course or the former Visual Arts History course must be in the historical eras prior to 1800 or in topics in no**n**-Western Art.
- This Major may be combined with the Major in Museum and Curatorial Studies.
- With permission of the Department, students focusing primarily in Art History may substitute up to 1.0 2500-level Studio Art or the former 2100-level Visual Arts Studio courses in lieu of 1.0 2600-level Studio Art course or the former 2200-level Visual Arts Studio courses.

Related Information

For modules that can and cannot be combined, please visit the Visual Arts Modular Checklist site https://www.uwo.ca/visarts/undergraduate/Modules.html

Program Revision – Effective September 1, 2026, the following changes be made:

SPECIALIZATION IN VISUAL ARTS

Admission Requirements

Completion of first-year requirements, including **1.0 course from** Studio Art 1601, ~~or~~ Studio Art 1605, **or Studio Art 1602A/B and Studio Art 1603A/B,** ~~or the former Visual Arts Studio 1020 or the former Visual Arts Studio 1025~~ and 1.0 course from either Art History 1640 ~~or the former Visual Arts History 1040~~ or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B or Art History 1648A/B, ~~or the former VAH 1041A/B, the former VAH 1042A/B, the former VAH 1043A/B, the former VAH 1044A/B and the former VAH 1045A/B,~~ with a mark of at least 60% in each course, or permission of the Department.

Module
9.0 courses:

2.0 courses in Studio Art at the 2600-level or the former VAS at the 2200 level or above.
2.0 courses in Art History at the 2600-level or the former VAH at the 2200 level or above.
5.0 courses in Art History, Museum and Curatorial Studies or Studio Art at the 2600-level or above or the former VAH or VAS at the 2200 level or above.

Note:
With permission of the Department, up to 1.0 Studio Art 2500-level course~~s~~ may be used in lieu of 1.0 Studio Art 2600-level course.

Related Information

For modules that can and cannot be combined, please visit the Visual Arts Modular Checklist site https://www.uwo.ca/visarts/undergraduate/Modules.html

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN SOCIAL AND ENVIRONMENTAL JUSTICE IN THE VISUAL ARTS

Admission Requirements

Completion of ~~1.0~~ first-year requirements including **1.0 course from** Studio Art 1601, ~~or~~ Studio Art 1605, **or Studio Art 1602A/B and Studio Art 1603A/B,** ~~or the former Visual Arts Studio 1020 or the former Visual Arts Studio 1025,~~ or 1.0 course from either Art History 1640 ~~or the former Visual Arts History 1040,~~ or two of Art History 1641A/B, Art History 1642A/B, Art History 1644A/B, Art History 1646A/B, Art History 1648A/B, Art History 1649A/B ~~or the former Visual Arts History 1041A/B, Visual Arts History 1042A/B, Visual Arts History 1043A/B, Visual Arts History 1045A/B, Visual Arts History 1045A/B~~, with a minimum grade of 60% in the course.

Module/Program Information

4.0 courses:

Students may choose 4.0 courses from one, two or all three subject areas.

Art History:
~~Art History 2508F/G,~~ Art History 2600F/G, Art History 2672F/G, Art History 2674~~F/G~~**A/B**, Art History 3620F/G, Art History 3630F/G, Art History 3672~~F/G~~**A/B**, Art History 3674F/G, Art History 4622F/G, Art History 4630F/G, Art History 4640F/G, Art History 4642F/G, Art History 4650F/G**, the former Art History 2508F/G**.

Museum and Curatorial Studies:
Museum and Curatorial Studies 2610F/G, Museum and Curatorial Studies 2690F/G, Museum and Curatorial Studies 2691E, Museum and Curatorial Studies 3610F/G.

Studio Art:
Studio Art 2500A/B, Studio Art 2504Y, ~~Studio Art 2600F/G,~~ Studio Art 2670A/B, Studio Art 2676A/B, Studio Art 3640A/B, Studio Art 3670A/B, Studio Art 3674A/B, Studio Art 3676A/B, Studio Art 4642A/B, **the former Studio Art 2600F/G, the former** Studio Art 4670A/B.

With Special Permission from the Department, students may include 1.0 course~~s~~ from other Departments that contain relevant investigations into social and environmental issues in visual culture.

When the Minor in Social and Environmental Justice in the Visual Arts is combined with another module offered by the Department of Visual Arts a maximum of 1.0 course~~s~~ may count towards both modules.

FACULTY OF ARTS AND HUMANITIES AND FACULTY OF SOCIAL SCIENCE

DEPARTMENT OF GENDER, SEXUALITY, AND WOMEN'S STUDIES

Course Introduction – Effective September 1, 2026, the following course be introduced:

BLACK STUDIES 2410F/G
YOUTH AND BLACK GIRLHOOD BETWEEN CRISIS AND REFUSAL

(Short Title: Black Girlhood)

Course Description
This course explores Black girlhood as an entry point into key debates and methods in youth studies. By surveying representations of Black girlhood across academic literature and popular culture, students will learn how debates about race, age, gender, and class shape frameworks for defining childhood, agency, crisis, and belonging.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 4242F/G
POSTCOLONIAL FEMINISM: GENDER AND EMPIRE

(Short Title: Postcolonial Feminism)

Course Description
This course examines decolonial feminist critiques of empire and its enduring impacts. Students analyze how colonial power shapes gender, sexuality, and resistance through intersectional frameworks. Themes include epistemic violence, nationalism, labor, and women's resistance movements in the Global South.

Pre- or Corequisite(s): One of Black Studies 2230F/G, GSWS 2220E, GSWS 2231F/G, GSWS 2302F/G, the former GSWS 2273E, or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 4243F/G
NARRATIVES, ARCHIVES, AND MEMORY OF RACE AND GENDER

(Short Title: Narratives, Archives, Memory)

Course Description
This course rests on the Indigenous wisdom that storytelling and relationships are central to our collective and individual self-understandings. We investigate how stories of the past constitute, justify, and make invisible present-day systems of stratification and how stories are used to mobilize and sustain challenges and resistance to those systems.

Antirequisite(s): GSWS 4470F/G if taken in 2025-26, 2026-27.

Pre- or Corequisite(s): One of Black Studies 2230F/G, GSWS 2220E, GSWS 2231F/G, GSWS 2302F/G, the former GSWS 2273E, or permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

BLACK STUDIES 2230F/G
THE BLACK/AFRICAN DIASPORA

Course Description
This interdisciplinary course is a historical and thematic examination of Black life across the diaspora. Students will examine the cultural practices of African communities' pre-colonial contact as well as the ongoing impact of Atlantic enslavement on Black diasporic communities today. Specific content will vary year-to-year depending on the instructor.

Antirequisite(s): The former GSWS 2230F/G.

Pre-or Corequisite(s): ~~Black Studies 1030F/G or the former GSWS 1030F/G; one of GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, or any first-year essay course in Arts and Humanities, Social Science, or Media and Communication Studies.~~ **At least 0.5 course from Black Studies 1030F/G, GSWS 1020E, GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, the former GSWS 1030F/G, or permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

BLACK STUDIES 3420F/G
BLACK INTELLECTUAL TRADITIONS

Course Description
This course examines intellectual movements that have been developed by Black peoples, who are ethnically diverse and call a variety of locations home. The course may consider the Black Atlantic Tradition, Black internationalism, Black Feminist Thought, African American Secularism, and/or Black Power. Content will vary year-to-year depending on the instructor.

Pre-or Corequisite(s): ~~Black Studies 2230F/G or GSWS 2231F/G or the former GSWS 2230F/G or permission of the Department of Gender, Sexuality, and Women's Studies.~~ **1.0 course in Black Studies or Gender, Sexuality, and Women's Studies, or permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 1022F/G
GENDER, JUSTICE, CHANGE

Course Description
The 21st century is a period of accelerating change focused around issues of gender, justice and activism. This course will introduce students to the ways in which movements for justice and change are informed by and take up gender issues in matters of education, health, poverty, globalization, the environment, etc.

Extra Information: ~~2~~ **3** lecture hours~~, 1 tutorial hour~~.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 1024F/G
INTRODUCTION TO EQUITY, DIVERSITY, AND HUMAN RIGHTS

Course Description
This course surveys theory and practice in the fields of equity, diversity, and human rights as they are taken up in institutional domains such as social work, education, and law and in schools of thought such as critical race studies, feminism and gender studies, sexuality studies, and disability studies.

Extra Information: ~~2~~ **3** lecture hours~~, 1 tutorial hour~~.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2212F/G
GENDER AND WORK

Course Description
This course mobilizes intersectional, decolonial, feminist, and anti-capitalist scholarship to understand transformative changes to paid and unpaid work, caused by multiple factors such as technology, demographics, climate change, pandemics, and globalization, and their effects upon gender equality and social justice.

~~Antirequisite(s): the former Women's Studies 2261F/G.~~

~~Prerequisite(s): GSWS 1020E, or 1.0 course from GSWS 1021F/G, GSWS 1022F/G, GSWS 1023F/G, GSWS 1024F/G, GSWS 1030F/G, or permission from the Department.~~

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2220E
FEMINIST THEORY AND PRACTICE FOR CHANGE

Course Description
An examination of the implications of feminist theories and practices at work in many different disciplines, including arts, media, social sciences, health sciences, science, law. We introduce students to theoretical concepts and ask questions about the ways sex, gender and sexuality are understood and researched from a range of perspectives. (50 words)

Antirequisite(s): GSWS 2257E.

Prerequisite(s): GSWS 1020E, or 1.0 course from **Black Studies 1030F/G,** GSWS 1021F/G, GSWS 1022F/G, ~~GSWS 1023F/G,~~ GSWS 1024F/G, **the former GSWS 1023F/G, the former** GSWS 1030F/G, or permission from the Department.

Extra Information: 3 hours.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2231F/G
BLACK FEMINIST THOUGHT: PRINCIPLES, DEBATES, SOCIAL TRANSFORMATION

Course Description
Focusing on 'theory as liberatory practice,' Black feminist thought has re-shaped knowledge production across numerous academic disciplines, intellectual traditions, and social justice movements. With an emphasis on intersectionality and visionary pragmatism, this course introduces students to the foundational principles, debates, and concepts in Black feminist thought in the African diaspora.

Pre-or Corequisite(s): ~~GSWS 1030F/G and 0.50 course from GSWS 1021F/G, GSWS 1022F/G, GSWS 1023F/G, GSWS 1024F/G, or 0.50 of any first-year essay course in Arts and Humanities, Social Science, or Media and Communication Studies.~~ **At least 0.5 course from Black Studies 1030F/G, GSWS 1020E, GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, the former GSWS 1030F/G, or permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2244
WOMEN AND HEALTH

Course Description
This course provides an overview of historical, social, economic, political and biological influences on women's health. Using a feminist perspective, both experiential and theoretically based knowledge will be explored through the process of critical reflection.

~~Antirequisite(s): The former Women's Studies 2154.~~

Extra Information: 3 hours.
Course Weight: 1.00

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2248F/G
#ME TOO: THE POLITICS OF RAPE CULTURE AND FEMINIST RAGE

Course Description
This course traces the development of the #MeToo movement through a variety of mediums, including music, public speeches, social media, scholarship, and popular culture. The course explores the #MeToo movement through interdisciplinary feminist perspectives and by considering how such issues unfold in the workplace, schools, and online.

Prerequisite(s): ~~GSWS 1020E, or 1.0 course from GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, or GSWS 1030F/G.~~ **At least 0.5 course from Black Studies 1030F/G, GSWS 1020E, GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, the former GSWS 1030F/G, or permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2263F/G
INTERSECTIONS: RACE, CLASS, AND SEXUALITY

Course Description
This course investigates the implicit and explicit connections among sexuality, gender identity, race and class. It uses feminist and queer theoretical approaches to examine the historical relationships between these intersecting factors and explore their legacy in the way that "othered" sexual bodies are perceived and treated.

Prerequisite(s): ~~GSWS 1020E, or 1.0 course from GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, or GSWS 1030F/G.~~ **At least 0.5 course from Black Studies 1030F/G, GSWS 1020E, GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, the former GSWS 1030F/G, or permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2274F/G
~~INTRODUCTION TO~~ **TRANSGENDER STUDIES**

Course Description
This course will focus on trans identities, history, theory and politics from the perspectives of feminist, queer, and emerging trans theory. Topics may include transphobia and oppression of trans people, sex and gender change, transvestism, gender passing, transgender children and their families, and intersectionalities with sexuality, race, class, ability, etc.

~~Antirequisite(s): the former Women's Studies 4460F/G if taught in Winter 2013; the former Women's Studies 3343F/G if taught in Fall 2015.~~

~~Prerequisite(s): GSWS 1020E, or 1.0 course from GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, or GSWS 1030F/G.~~

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2302F/G
SEX WARS: FOUNDATIONAL DEBATES IN SEXUALITY STUDIES

Course Description
This course examines the contested nature of feminist theorizing in sexuality studies, including through radical, sex-positive, and anti-racist feminism and queer theory. We explore different approaches to a shared commitment to challenge sexual oppression and shame through topics such as pornography, BDSM, and sex work, among others.

Antirequisite(s): The former GSWS 2273E.

Pre-or Corequisite(s): ~~GSWS 1020E,~~ **GSWS 2301F/G,** or 1.0 course from Black Studies 1030F/G, **GSWS 1020E,** GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, ~~GSWS 2301F/G,~~ the former GSWS 1023F/G, the former GSWS 1030F/G. GSWS 2301F/G may be taken concurrently.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 2440F/G
SOMETHING TO TALK ABOUT: REPRODUCTIVE JUSTICE

Course Description
Through an intersectional, interdisciplinary, and cross-cultural approach, this course examines reproductive justice. Topics may include abortion, birth control, sex education, choice rhetoric, human rights, bodily autonomy, forced sterilization, reproductive racism, reproduction and disability, eugenics, war and reproduction, and infertility. Specific content will vary year-to-year depending on the instructor.

Pre-or Corequisite(s): GSWS 1020E, or 1.0 course from **Black Studies 1030F/G,** GSWS 1021F/G, GSWS 1022F/G, ~~GSWS 1023F/G,~~ GSWS 1024F/G, **the former GSWS 1023F/G, the former** GSWS 1030F/G, or ~~special~~ permission ~~from Program~~ **of the Department**.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

GENDER, SEXUALITY, AND WOMEN'S STUDIES 3173F/G
QUEER THEORY

Course Description
What is queer theory, where did it come from, how is it changing? Examining key foundational texts in queer theory, the contexts for its emergence, and debates over its contemporary usefulness and direction, students in this course will trace the development of queer theory and investigate its current applications.

Prerequisite(s): GSWS 2220E or GSWS 2302F/G, or the former GSWS 2273E**, or permission of the Department**.

Extra Information: 3 hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN SEXUALITY STUDIES

Note: the Major in Sexuality Studies is jointly offered by the Faculty of Arts and Humanities and the Faculty of Social Science through the Department of Gender, Sexuality, and Women's Studies.

Admission Requirements

Completion of first-year requirements, including 1.0 Gender, Sexuality, and Women's Studies course at the 1000 level (either GSWS 1020E or 1.0 course from Black Studies 1030F/G, GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, the former GSWS 1030F/G) with a mark of at least 60%, or permission from the department.

Note: Students beginning a Sexuality Studies module after first year may substitute GSWS 2301F/G in place of the 1.0 first-year required ~~credits~~ **course** and take it concurrently with their second-year courses.

Module

6.0 courses:

0.5 course from: GSWS 2302F/G, the former GSWS 2273E.
1.0 course from: GSWS 3173F/G, GSWS 3320F/G, the former GSWS 3163F/G.
1.0 course from: GSWS 2263F/G if taken in 2020-21, 2021-22, 2022-23, 2023-24, or 2024-25, GSWS 2274F/G, GSWS 3310F/G, GSWS 3133F/G, GSWS 3334F/G, **GSWS 3391F/G,** the former GSWS 2275F/G.
1.0 course from GSWS or Black Studies at the 2100 level or above.
2.0 courses from GSWS or Black Studies at the 2200 level or above.
0.5 course from GSWS or Black Studies at the 4000 level.

A student may apply to the Department of Gender, Sexuality, and Women's Studies for approval to substitute 1.0 course not listed above, provided the course is relevant to the Sexuality Studies Major.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN SEXUALITY STUDIES

Note: the Minor in Sexuality Studies is jointly offered by the Faculty of Arts and Humanities and the Faculty of Social Science through the Department of Gender, Sexuality, and Women's Studies.

Admission Requirements

Completion of first-year requirements, including the former Comparative Literature and Culture 1023 or 1.0 Gender, Sexuality, and Women's Studies course at the 1000 level (either GSWS 1020E or 1.0 course from Black Studies 1030F/G, GSWS 1021F/G, GSWS 1022F/G, GSWS 1024F/G, the former GSWS 1023F/G, the former GSWS 1030F/G) with a mark of at least 60%, or permission of the Department.

Note: Students beginning a Sexuality Studies module after first year may substitute GSWS 2301F/G in place of the 1.0 first-year required ~~credits~~ **course** and take it concurrently with their second-year courses.

Module

4.0 courses:

0.5 course from: GSWS 2302F/G, the former GSWS 2273E.
1.0 course from: GSWS 2274F/G, GSWS 3133F/G, GSWS 3173F/G, GSWS 3310F/G, GSWS 3334F/G**, GSWS 3391F/G**.
1.5 courses from GSWS or Black Studies at the 2100 level or above.
1.0 course from GSWS or Black Studies at the 2200 level or above.

A student may apply to the Department of Gender, Sexuality, and Women's Studies for approval to substitute 1.0 course not listed above, provided the course is relevant to the Minor in Sexuality Studies.

IVEY BUSINESS SCHOOL

Course Introduction – Effective September 1, 2026, the following course be introduced:

BUSINESS ADMINISTRATION 4401A/B
MAKER SKILLS FOR SUSTAINABLE BUSINESS INNOVATION

(Short Title: Maker Skills & Sustainability)

Course Description
This course introduces maker technologies and open source development concepts alongside entrepreneurship frameworks for creating sustainable hardware-based ventures. Develops skills to make abstract business concepts a reality while developing rapid prototyping capabilities. Includes hands-on skill building in makerspace tooling and communities. Enrollment limited; application required.

Extra Information: 3 hours.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

BUSINESS ADMINISTRATION 4403A/B
DIGITAL NETWORK STRATEGY

Course Description
This course views digital marketing as creating value through networks – buyer-seller, advertising, and social – rather than firms or consumers. These interconnected AI-powered networks shape customer journeys from need to advocacy. Students gain strategic and analytical tools to navigate this technology-driven ecosystem and design effective digital network strategies.

Extra Information: 3 hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

BUSINESS ADMINISTRATION 4773A/B
~~TRANSFORMATIONAL LEADERSHIP~~ **LEADING WITH CHARACTER**

Course Description
~~Transformational Leadership~~ **Leading with Character** provides a learning journey that takes aims to understand, activate, and develop one's leader character. In doing so, the course will build on evidence identifying character as a key requirement of next generation leaders, and as a foundation for strong decision making and judgement.

Extra Information: 3 hours.
Course Weight: 0.50

FACULTY OF EDUCATION

Course Revision – Effective September 1, 2026, the following change(s) be made:

EDUCATION 5467
COMPUTATIONAL MODELLING IN MATHEMATICS AND SCIENCE EDUCATION

Course Description
A focus on making mathematics engaging and meaningful for learners. Participants explore ways to develop connected knowledge, consistent beliefs, and positive attitudes towards mathematics, and are introduced to research on the nature, role, and development of teachers' knowledge of mathematics.

Course Weight: 0.50

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Course Introduction – Effective September 1, 2026, the following course be introduced:

ELECTRICAL AND COMPUTER ENGINEERING 4440A/B
SELECTED TOPICS IN ELECTRICAL ENGINEERING III

(Short Title: Selected Topics in EE III)

Course Description
The course deals with topics of current interest in Electrical Engineering. Topics and course outlines will be available at the time of registration.

Prerequisite(s): Completion of third year of the Electrical or Computer Engineering programs.

Extra Information: 2 lecture hours and 2 laboratory hours, or 3 lecture hours and 1 laboratory hour.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ELECTRICAL AND COMPUTER ENGINEERING 3390A/B
HARDWARE/SOFTWARE CO-DESIGN

Course Description
Modern design techniques for embedded, wireless, and mobile computing systems. Unified approach to hardware and software design. Partitioning of systems into hardware and software. Hardware/software interface design. Trade-offs in hardware and software partitioning.

Prerequisite(s): ~~ECE 3389A/B~~ **ECE 2277A/B. Pre- or Corequisite(s): ECE 3375A/B**.

Extra Information: 3 lecture hours~~., 1.5 laboratory hours~~
Course Weight: 0.50

JOHN M. THOMPSON CENTRE FOR ENGINEERING LEADERSHIP AND INNOVATION

Course Revision – Effective September 1, 2026, the following change(s) be made:

INTEGRATED ENGINEERING 4499
INTERDISCIPLINARY ENGINEERING DESIGN PROJECT

Course Description
Students develop and practice engineering design skills by working on an interdisciplinary team-based project. The students will experience all phases of the design process, including: problem definition, generation and evaluation of concepts, engineering analysis and testing, and preparation of design documentation. Project management and communications skills will also be emphasized.

Antirequisite(s): CBE 4497, CEE 4441, ECE 4416, MME 4499, **MSE 4499,** SE 4450 ~~or the former ES 4499~~.

Prerequisite(s): Completion of Year III of the Integrated Engineering Program. Students who have completed Year III of another Western Engineering Program may be eligible with the permission of the Director of Integrated Engineering and the Undergraduate Chair for their program.

Extra Information: **2 lecture hours,** ~~4~~ **2 laboratory/**tutorial hours~~/week; meetings with advisors~~.
Course Weight: 1.00

FACULTY OF HEALTH SCIENCES

SCHOOL OF HEALTH STUDIES

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 1110A/B
PERSONAL AND SOCIAL DETERMINANTS OF RESILIENCE AND WELLBEING

Course Description
Personal resilience is widely recognized to be a cornerstone of wellbeing, and is considered essential to success in environments ranging from schools to workplaces. In this interdisciplinary course, we introduce an evidence-informed framework for the study of personal and social determinants of resilience.

Antirequisite(s): Health Sciences 2110A/B.

Extra Information: 3 contact hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 2000A/B
HIGHWAY TO HEALTH

Course Description
This introduction to the multidisciplinary field of health sciences will engage students in learning about health from multiple perspectives. Each week, an expert will lecture on contemporary issues in health such as: aging and health; occupational health; ethical issues in health care; health and popular culture; global health issues; sexuality and health.

Antirequisite(s): Registration in the School of Health Studies within the Faculty of Health Sciences.

Extra Information: 2 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 2110A/B
RESILIENCE AND THE CREATION OF WELLBEING

Course Description
Personal resilience is widely recognized to be a cornerstone of wellbeing, and is considered essential to success in environments ranging from schools to workplaces. In this interdisciplinary course, we study “good vs poor” mental health, cultivation of resilience, creation and maintenance of wellbeing, and living well with compromised mental health.

Antirequisite(s): Health Sciences 1110A/B.

Prerequisite(s): Registration in second-year or higher, or permission of the School of Health Studies.

Extra Information: 3 contact hours. Notes: Students admitted before September, 2020 may use this course as a 2000-level elective course within any of the modular offerings within the School of Health Studies. Students transferring into any modular offerings within the School of Health Studies that require Health Sciences 1110A/B may substitute Health Sciences 2110A/B for that first-year required course.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3002A/B
HEALTH OCCUPATIONS

Course Description
Lecture and case studies are used to explore the diversity of health issues and delivery systems within Canada and the international community. Guest lecturers from health services, industry, and the community will outline current practices as they relate to health services and their relationship to present and future health sciences-oriented needs.

Prerequisite(s): Minimum of 60% [mandatory] in each of Health Sciences 1001A/B and Health Sciences 1002A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3042A/B
CROSS SECTOR HEALTH PARTNERSHIP MODELS

Course Description
Strategic inter-sectoral partnerships and collaborations are becoming increasingly important in health care environments world-wide. This course will compare and contrast models used in different health care settings, explore social and economic value, cross-sector models of collaboration, and examine strategies for forming successful cross-sector partnerships to ensure optimal delivery of health care.

Prerequisite(s): Health Sciences 2250A/B.

Extra Information: 3 hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3080F/G
HEALTH PROMOTION AND CARING IN RURAL CONTEXTS

Course Description
Theory, practice, research and issues related to nursing in rural and remote settings will be examined. The health status of various rural populations, related public policy and the factors influencing health of rural residents will be explored.

Antirequisite(s): Nursing 3380F/G

Prerequisite(s): Registration in third or fourth year of the School of Health Studies.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3190F/G
INTRODUCTION TO INTERPROFESSIONAL HEALTH EDUCATION

Course Description
This course is intended to aid students considering a career in any health-related profession. It will help to prepare students for education and practice in the evolving healthcare system and introduce concepts that will help them to understand how to be effective as part of an interprofessional team. Diverse methods of teaching and evaluation will be used, including online facilitation and small group learning.

Prerequisite(s): Enrolment in third or fourth year in the Faculty of Health Sciences, the Bachelor of Medical Sciences program, the School of Social Work or the Foods and Nutritional Sciences Program.

Extra Information: Online course.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3210A/B
HEALTH COMMUNICATION

Course Description
This course will review the growing importance of health communication through an examination of theoretical frameworks, communication techniques and technologies that promote the health of individuals, communities, and populations. Topics may include health literacy, clinician to client communication, peer to peer communication, 'edutainment' communication, effective public health messages and mass media campaigns, risk and emergency communication.

Prerequisite(s): Minimum of 60% [mandatory] in each of Health Sciences 1001A/B and Health Sciences 1002A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3251F/G
GLOBAL HEALTH PROMOTION PRACTICUM

Course Description
Based on a service-learning philosophy, students will have an opportunity to provide an important community service and to benefit from `learning-in-context' about health promotion within a global perspective. This field placement will enable students to practice the skills (e.g., community development, activism) learned within Health Sciences 3250F/G.

Prerequisite(s): Health Sciences 3250F/G.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3624A/B
SOCIAL DETERMINANTS OF MENTAL HEALTH

Course Description
In this course, we will discuss the interplay between social and personal determinants of mental health. We will also discuss the interrelatedness of mental disorder, social inequity, and both trauma and adversity in childhood.

Prerequisite(s): Health Sciences 1002A/B.

Extra Information: 3 contact hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 3820A/B
PERSONAL CONSTRUCTIONS OF HEALTH

Course Description
A Personal Construct approach to understanding the individual ways in which persons construe health and health science by examining the nature of personal constructs, the repertory grid method, and implications for clinical decision making in health sciences.

Prerequisite(s): Minimum of 60% [mandatory] in each of Health Sciences 1001A/B and Health Sciences 1002A/B.

Extra Information: 2 lecture hours, 1 laboratory hour.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 4202A/B
HEALTH BEHAVIOR

Course Description
This course will explore theories/models of health behavior. Students will be introduced to the main tenets of various health behavior theories/models and their applications to selected health (e.g., smoking, exercise, substance use), illness (e.g., HIV/AIDS, Cancer) and preventive (e.g., condom use) behaviors.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 4410A/B
FUTURE OF HEALTH CARE

Course Description
Canada's health care system is facing significant challenges and structural reforms. Students will learn how Canada's system is performing relative to other countries. Based on these international experiences and other forces of change, students will investigate what needs to change in order to create a sustainable system for the future.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 4420A/B
INNOVATION IN CARE DELIVERY

Course Description
Drawing from cutting-edge research in the field, the objective of this course is to give students a clear understanding of the rationale behind the introduction of innovative care delivery approaches in acute and community settings, and the issues to consider when implementing these approaches.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

Extra Information: Blended learning: 1 lecture hour and 2 hours online activity.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 4480A/B
HEALTH SYSTEM CHANGE MANAGEMENT

Course Description
This course employs classic change management theories, positive psychology, complexity science and social movement theories to analyze current health system issues and to develop actionable change processes. Individual, organizational and societal elements required for lasting change are emphasized through use of the case method of learning, experiential exercises and lectures.

Pre-or Corequisite(s): Health Sciences 3400A/B or Health Sciences 3042A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 4705A/B
AGING AND COMMUNITY HEALTH

Course Description
Focusing on innovative multi-sectorial collaborative models to support economical, optimal aging at home for older adults with multiple chronic diseases, the objective of this course is to introduce students to the concepts of active aging, consumer engagement in health, community capacity development, and the role of communities in promoting health.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

Extra Information: Blended learning: 2 lecture hours and 1 hour online/experiential activity.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

HEALTH SCIENCES 4711A/B
GERONTOLOGY IN PRACTICE

Course Description
This service-learning course provides an opportunity to small groups of students to work alongside community partners on projects related to health and aging. Students research real-life problems, examine theories of aging, critically evaluate current practices and advocate for change. Through reflection, discussion, presentation and an implementation document, students provide innovative solutions for betterment of lives of seniors.

Prerequisite(s): Health Science 3701A/B or Health Sciences 3704A/B.

Extra Information: 2 hours, 1 tutorial hour.
Course Weight: 0.50

SCHOOL OF HEALTH STUDIES

Course Revision – Effective September 1, 2026, the following change(s) be made:

KINESIOLOGY 3362F/G
~~OLYMPIC ISSUES FOR MODERN TIMES~~ **OLYMPIC AND PARALYMPIC ISSUES**

Course Description
To expand the student's awareness of: (1) the history of the Modern Olympic Games, (2) their function in the contemporary world, (3) the persistent problems and issues encountered over time, and (4) the research opportunities associated with their study.

Prerequisite(s): Completion of second year Kinesiology or permission of Kinesiology.

Extra Information: 3 lecture hours.
Course Weight: 0.50

FACULTY OF INFORMATION AND MEDIA STUDIES

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

FACULTY OF INFORMATION AND MEDIA STUDIES 3999A/B/Y INTERNSHIP

Course Description
The FIMS Internship is a for-credit internship for up to four months, or a minimum of 140 hours. The internship will require students to make connections with academic study while undertaking supervised duties in organizations and businesses with media-related or information-related interests, public service organizations, and community groups.

Prerequisite(s): Registration in the third or fourth year of either a Major or Honours Specialization module within the Faculty of Information & Media Studies, with a cumulative average of at least 70%, no more than 1.0 failure in a non-FIMS course, and no documented academic offences. Approval of, and acceptance into, an internship placement from the Faculty of Information and Media Studies. This course will count towards a Bachelor of Arts degree but will not count towards a module in FIMS.

Extra Information: Pass/Fail. The student is required to a) complete an Internship Experience Proposal b) submit three reflection papers c) complete an internship project and portfolio, demonstrating how the experience gained through the internship relates to his/her degree coursework and d) maintain a satisfactory level of performance in the position as verified by the employer through evaluations.
Course Weight: 0.50

FACULTY OF ARTS AND HUMANITIES, FACULTY OF INFORMATION AND MEDIA STUDIES AND DON WRIGHT FACULTY OF MUSIC

CREATIVE ARTS AND PRODUCTION PROGRAM

Course Introduction – Effective September 1, 2026, the following course be introduced:

CREATIVE ARTS 4201A/B
PROFESSIONAL CREATIVE PRACTICE II

(Short Title: Professional Creative Praxis 2)

Course Description
This course orients students to the ecosystem of professional creative practice. Students will gain familiarity with the Canadian arts funding landscape, creative residencies, grant writing, project planning and budgeting, as well as documenting and archiving creative activities to help build their careers.

Pre-or Corequisite(s): Creative Arts 1020A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN CREATIVE ARTS AND PRODUCTION

Note: The Major in Creative Arts and Production is jointly offered by the Faculty of Arts and Humanities, the Faculty of Information and Media Studies and the Don Wright Faculty of Music.

Admission Requirements

Acceptance into a Bachelor of Arts program in either the Faculty of Arts and Humanities or the Faculty of Information and Media Studies or the Don Wright Faculty of Music. Completion of first-year requirements with a minimum mark of 60% in Creative Arts 1020A/B, and a minimum mark of 60% in at least a 0.5 course from MediaCom 1070A/B, Music 1629A/B, Music 1695A/B/Y, Music 1730A/B, Music 1925, Studio Art 1601, Studio Art 1605, Theatre Studies 1020A/B, Writing 1000F/G, or Computer Science 1033A/B. Students must also meet the admission requirements for their other module. Enrolment in the Major in Creative Arts and Production is limited. Meeting the minimum requirements does not guarantee that students wishing to enter the module will be offered enrolment.

Module
6.0 courses:

0.5 course in second year: Creative Arts 2200A/B.
0.5 course in third year: Creative Arts 3200F/G.
1.0 course in fourth year: Creative Arts 4100.
~~2.0 courses from: Creative Arts 2010A/B, Creative Arts 2050F/G, Creative Arts 2070A/B, Creative Arts 2100A/B, Creative Arts 2210A/B, Creative Arts 3010A/B, Creative Arts 3050F/G, Creative Arts 3070A/B, Creative Arts 3210A/B, Creative Arts 3300A/B, Creative Arts 3099A/B, Creative Arts 4099A/B, Creative Arts 4200A/B, Creative Arts 4210A/B, Creative Arts 4410A/B, Creative Arts 4411A/B.~~
~~2.0 courses from: Classical Studies 3100E, Classical Studies 3130F/G, Dance 2270A/B, Dance 2274A/B, Dance 3371A/B, Dance 3372A/B, Digital Communication 2203A/B, Digital Communication 2204A/B, Digital Communication 2311F/G, Digital Humanities 2120F/G, English 2041F/G, English 2097A/B, English 2099F/G, Film Studies 3368F/G, FIMS 2999A/B/Y, GSWS 3305F/G, MediaCom 2153A/B, MediaCom 2156A/B, MediaCom 2550A/B, MediaCom 2570A/B, MediaCom 2600A/B, MediaCom 2601A/B, MediaCom 3132F/G, MediaCom 3351F/G, MediaCom 3776A/B, Music 2695A/B, Music 2700A/B, Music 2701A/B, Music 2702A/B, Music 2703A/B/Y, Music 2704A/B/Y, Music 2734A/B, Music 2736A/B, Music 2801A/B, Music 2925, Music 2970, Music 3734A/B, Music 3735A/B, Music 3736A/B, Music 3737A/B, Music 3738A/B, Music 3739A/B, Music 3854A/B, Music 3925, Music 3960A/B/Y, Music 3970, Studio Art 2500A/B, Studio Art 2508A/B, Studio Art 2510A/B, Studio Art 2560A/B,~~

~~Studio Art 2652A/B/Y, Studio Art 2660A/B, Studio Art 2662A/B, Studio Art 2663, Studio Art 2676A/B, Studio Art 3660A/B, Studio Art 3662A/B, Studio Art 3663, Studio Art 3664A/B, Studio Art 3674A/B, Theatre Studies 2201F/G, Theatre Studies 2202F/G, Theatre Studies 3202F/G, Theatre Studies 3205F/G, Theatre Studies 3206F/G, Theatre Studies 3207F/G, Theatre Studies 3208F/G, Theatre Studies 3209F/G, Theatre Studies 3581F/G, Writing 2204F/G, Writing 2209F/G, Writing 2213F/G, Writing 2214F/G, Writing 2218F/G, Writing 2220F/G, Writing 2530A/B, Writing 3224F/G, Writing 3225F/G, Writing 3228F/G, Writing 3401F/G, Writing 3402F/G, Writing 3640F/G, Writing 3824F/G (or the former Writing 2224F/G), the former Writing 2226F/G, or any Creative Arts course not taken above.~~

3.0 courses in Creative Arts at the 2000-level or higher.
0.5 course from: Creative Arts 4200A/B, Creative Arts 4201A/B.
0.5 course from the Faculty of Arts and Humanities, the Faculty of Information and Media Studies, or the Don Wright Faculty of Music at the 2000-level or higher.

Note: This module cannot be taken on its own. It must be completed in conjunction with another Major, Specialization or Honours Specialization module in a Bachelor of Arts degree in the Faculty of Arts and Humanities, the Faculty of Information and Media Studies, or the Don Wright Faculty of Music.

SCHULICH SCHOOL OF MEDICINE & DENTISTRY

DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY

Course Revision – Effective September 1, 2026, the following change(s) be made:

MICROBIOLOGY AND IMMUNOLOGY 4750~~F/G~~A/B
BIOINFORMATICS OF INFECTIOUS DISEASE

Course Description
An overview of concepts and applications of techniques in bioinformatics for the study and clinical/public health management of infectious diseases. Students are introduced to the basic analysis of conventional and next-generation sequence data, principles of maximum likelihood and Bayesian inference, reconstructing epidemic and evolutionary histories, detecting adaptation, and molecular epidemiology.

Antirequisite(s): Medical Bioinformatics 4750~~F/G~~**A/B**.

Prerequisite(s): Biology 2581A/B; and either Biology 2244A/B or Statistical Sciences 2244A/B. **Pre-or Corequisite(s):** One of Medical Bioinformatics 3100A/B, Medical Sciences 3391A/B or Microbiology and Immunology 2500A/B is recommended but not required.

Extra Information: 2 lecture hours, 2 laboratory hours. Cross-listed with Medical Bioinformatics 4750~~F/G~~**A/B**.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN MICROBIOLOGY AND IMMUNOLOGY

This module leads to an Honours Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Admission Requirements

Admission to this Honours Specialization module occurs in Year 3 and requires admission to Year 3 of the Bachelor of Medical Sciences (BMSc) Program. Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to admission to the Honours Specialization module. Enrolment in this Honours Specialization module is limited and meeting the minimum requirements does not guarantee admission.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

1.0 course~~s~~: Biology 1001A and Biology 1002B.
1.0 course~~s~~: Chemistry 1301A/B and Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.
0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

The 2000-level courses listed below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Honours Specialization module in Year 3. These 2000-level courses will also be used towards the Module requirements. See the policy on ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for additional average, course load requirements, etc.

0.5 course: Biochemistry 2280A with a mark of at least 65%.
1.0 course: Chemistry 2213A/B and Chemistry 2223B.
1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.
0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.
0.5 course: Microbiology and Immunology 2500A/B with a mark of at least 70%.

Module
10.0* or 10.5 courses:

0.5 course: Biochemistry 2280A with a mark of at least 65%.
1.0 course: Chemistry 2213A/B, Chemistry 2223B.
1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
0.5 course: Biochemistry 3381A with a mark of at least 70%.
2.0 courses: Microbiology and Immunology 2500A/B, Microbiology and Immunology 3300B, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, with marks of at least 70% in each.
0.5 or 1.0 course from: (Microbiology and Immunology 3200B and Microbiology and Immunology 3400A with marks of at least 70% in each) or the former Microbiology and Immunology 3100A with a mark of at least 70%
1.5 courses: Microbiology and Immunology 4100A, Microbiology and Immunology 4200B, Microbiology and Immunology 4310A or the former Microbiology and Immunology 4300A.
0.5 course from: Medical Sciences 3391A/B, Microbiology and Immunology 3500B, Microbiology and Immunology 4400B, Microbiology and Immunology 4750~~F/G~~**A/B**.
1.5 courses: Microbiology and Immunology 4985E and Microbiology and Immunology 4986Y; or the former Microbiology and Immunology 4970E.

*10.0 courses if the former Microbiology and Immunology 3100A was completed.

Students registered in Year 4 of this module in 2025-26 will satisfy the requirements as stated in the 2024-25 Academic Calendar.

Progression Requirements *(for students registered in Year 3 of this module in 2025-26 and onward)*

Note: Students registered in Years 3 and 4 of this module in 2024-25 or earlier must consult the policy on *Admission to the Bachelor of Medical Sciences (BMSc) Program* (see Modules Offered in the BMSc Program – Honours Specialization Modules).

In addition to the progression requirements for Honours Specialization modules specified in the policy on *Registration and Progression in Three-Year, Four-Year and Honours Programs*, students must complete the following 7.0 modular courses by the end of Year 3 (note: some courses require marks greater than 60%):

- Biochemistry 2280A (minimum mark of 65%);
- Chemistry 2213A/B and Chemistry 2223B;
- Biology 2290F/G, Biology 2382A/B and Biology 2581A/B;
- Biology 2244A/B or Statistical Sciences 2244A/B;

- Biochemistry 3381A (minimum mark of 70%); and
- Microbiology and Immunology 2500A/B, Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A, Microbiology and Immunology 3610F and Microbiology and Immunology 3620G, with marks of at least 70% in each.

Students registered in Year 3 of the Honours Specialization in Microbiology and Immunology in 2025-26 and onward who satisfy the Progression Requirements are assured progression to Year 4 of the Honours Specialization in Microbiology and Immunology.

BMSc students who are not registered in Year 3 of the Honours Specialization in Microbiology and Immunology in 2025-26 and onward may be considered for admission to Year 4 of the Honours Specialization if (i) the minimum Admission and Progression Requirements are satisfied, (ii) spaces are available, and (iii) permission is granted.

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN MICROBIOLOGY AND IMMUNOLOGY

Admission to this Major will be restricted to students admitted to Year 3 of the Bachelor of Medical Sciences (Honours) degree with Double Majors for 2027-28 and onward.

A degree containing this module normally requires 4 years for completion. When combined with one of the following Majors, this module leads to a Bachelor of Medical Sciences (BMSc) degree: Biochemistry, Epidemiology and Biostatistics, Interdisciplinary Medical Sciences (IMS), Medical Biophysics, Medical Cell Biology, One Health, Pathology, Pharmacology or Physiology. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Admission Requirements

Both 1000- and 2000-level courses are included in the Admission Requirements for students pursuing the Major in Microbiology and Immunology in BMSc degrees, since admission to the BMSc Program does not occur until Year 3. The Admission Requirements for students pursuing the Major in other regular undergraduate degrees include only 1000-level courses, since students may register in the Major in Year 2 in non-BMSc degrees. The Module requirements (below) are the same for all students completing the Major. Admission to this Major will be restricted to students admitted to Year 3 of the Bachelor of Medical Sciences (Honours) degree with Double Majors for 2027-28 and onward.

Admission Requirements for students pursuing this Major module in a Bachelor of Medical Sciences (BMSc) degree:

Admission to this Major module occurs in Year 3 and requires admission to Year 3 of the Bachelor of Medical Sciences (BMSc) Program. Students will usually complete Medical Sciences First Entry (Medical Sciences 1 and 2) prior to admission to a BMSc degree.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

1.0 course: Biology 1001A and Biology 1002B.
1.0 course: Chemistry 1301A/B and Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

The 2000-level courses listed below must be completed with a minimum mark of 60% in each prior to admission to the Major module in Year 3. These courses will also be used towards the Module requirements. See the policy on *Admission to the Bachelor of Medical Sciences (BMSc) Program* for additional requirements (averages, course load, etc.).

0.5 course: Biochemistry 2280A.
0.5 course: Chemistry 2213A/B.
1.0 course: Biology 2382A/B, Biology 2581A/B.
0.5 course: Microbiology and Immunology 2500A/B.

Admission Requirements for students pursuing this Major module in a degree other than a Bachelor of Medical Sciences (BMSc) degree:

Completion of first-year requirements, including a mark of at least 60% in each of the 3.0 (full or half) principal courses below:

1.0 course: Biology 1001A and Biology 1002B.
1.0 course: Chemistry 1301A/B and Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.

The following must be completed by the end of second year, with a mark of at least 60% in each half course:

0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.
0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Module
6.0 courses:

0.5 course: Biochemistry 2280A.
0.5 course: Chemistry 2213A/B.
1.0 course: Biology 2382A/B, Biology 2581A/B.
0.5 course: Microbiology and Immunology 2500A/B.
0.5 course: Microbiology and Immunology 3400A with a minimum mark of 70%.
0.5 course: Microbiology and Immunology 3610F.
0.5 course from: Microbiology and Immunology 3200B with a minimum mark of 70%, or Microbiology and Immunology 3300B with a minimum mark of 70%.
0.5 course from: Microbiology and Immunology 4100A, Microbiology and

Immunology 4200B, Microbiology and Immunology 4310A (or the former Microbiology and Immunology 4300A).
0.5 course from Microbiology and Immunology 4100A, Microbiology and Immunology 4200B, Microbiology and Immunology 4310A, Microbiology and Immunology 4400B, Microbiology and Immunology 4750~~F/G~~**A/B**, the former Microbiology and Immunology 4300A.
1.0 course from: Medical Sciences 4000E, additional Microbiology and Immunology courses at the 3000- and 4000-level*.

*For students admitted to Year 3 BMSc in 2027-28 and onward, Medical Sciences 4000E will be required to satisfy this requirement.

Progression Requirements *(for students registered in Year 3 of this module in 2025-26 and onward)*

In addition to the progression requirements for Double Major Modules specified in the policy on *Registration and Progression in Three-Year, Four-Year and Honours Programs*, students must complete the following 4.0 modular courses by the end of Year 3 (note: some courses require marks greater than 60%):

- Biochemistry 2280A;
- Chemistry 2213A/B;
- Biology 2382A/B and Biology 2581A/B;
- Microbiology and Immunology 2500A/B and Microbiology and Immunology 3610F; and
- 1.0 course from: Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A or the former Microbiology and Immunology 3100A, with minimum marks of 70%.

The Faculty of Science and Schulich School of Medicine & Dentistry Common Course Policy is applied to the Honours Double Major in the BMSc Program. See the BMSc website for more information.

DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

Course Revision – Effective September 1, 2026, the following change(s) be made:

MEDICAL BIOINFORMATICS 4750~~F/G~~A/B
BIOINFORMATICS OF INFECTIOUS DISEASE

Course Description
An overview of concepts and applications of techniques in bioinformatics for the study and clinical/public health management of infectious diseases. Students are introduced to the basic analysis of conventional and next-generation sequence data, principles of maximum likelihood and Bayesian inference, reconstructing epidemic and evolutionary histories, detecting adaptation, and molecular epidemiology.

Antirequisite(s): Microbiology and Immunology 4750~~F/G~~**A/B**.

Prerequisite(s): Biology 2581A/B; and one of Biology 2244A/B, Statistical Sciences 2244A/B or Statistical Sciences 2858A/B. **Pre-or Corequisite(s):** One of Medical Bioinformatics 3100A/B, Medical Sciences 3391A/B or Microbiology and Immunology 2500A/B is recommended but not required.

Extra Information: 2 lecture hours, 2 laboratory hours. Cross-listed with Microbiology and Immunology 4750~~F/G~~**A/B**.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN MEDICAL BIOINFORMATICS

This module leads to an Honours Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Admission Requirements

Admission to this Honours Specialization module occurs in Year 3 and requires admission to Year 3 of the Bachelor of Medical Sciences (BMSc) Program. Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to admission to the Honours Specialization module. Enrolment in this Honours Specialization module is limited and meeting the minimum requirements does not guarantee admission.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

1.0 course: Biology 1001A and Biology 1002B.
1.0 course: Chemistry 1301A/B and Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.
0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

1.0 course at the 1000-level from either Category A or B must be completed with a passing grade.

The 2000-level courses below must be completed with a minimum mark of 60% in each prior to admission to the Honours Specialization module in Year 3. These courses will also be used towards the Module requirements. See the policy on *Admission to the Bachelor of Medical Sciences (BMSc) Program* for additional average and course load requirements, etc.

0.5 course: Biochemistry 2280A.
1.0 course: Biology 2382A/B, Biology 2581A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B.
0.5 course: Computer Science 2121A/B.

Notes:

1. Statistical Sciences 2857A/B with a mark of at least 60% is the prerequisite for Statistical Sciences 2858A/B.
2. Computer Science 2121A/B requires either (Computer Science 2120A/B) or (Computer Science 1026A/B with a minimum mark of 60% and registration in Medical Sciences First Entry) as the prerequisite.

Module
11.0 courses:

0.5 course: Biochemistry 2280A.
1.0 course: Biology 2382A/B, Biology 2581A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B.
0.5 course: Computer Science 2120A/B (see notes below).
0.5 course: Computer Science 2121A/B.
0.5 course from: Mathematics 1229A/B, Mathematics 1600A/B (see notes below).
0.5 course from: Data Science 2000A/B, Statistical Sciences 2857A/B.
0.5 course from: Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Computer Science 2214A/B, Computer Science 3120A/B, Computer Science 3121A/B, Computer Science 3319A/B, Computer Science 3346A/B.
0.5 course: Medical Bioinformatics 3100A/B.
1.0 course: Pathology 3500.
1.0 course: Physiology 3120.
1.0 course from: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3309, Biochemistry 3385B, Epidemiology 2200A/B, Medical Biophysics 3503G, Microbiology and Immunology 2500A/B, Pharmacology 3620, the former Medical Biophysics 3505F.
0.5 course from: Computer Science 4411A/B, Data Science 3000A/B, Biology 4289A/B, One Health 4100F/G, the former Computer Science 4414A/B.
1.0 course from: Medical Bioinformatics 4650F/G, Medical Bioinformatics 4750~~F/G~~**A/B**, Medical Bioinformatics 4850G.
1.5 courses: Medical Bioinformatics 4985E and Medical Bioinformatics 4986Y; or the former Medical Bioinformatics 4980E.

Notes:

1. If one of Physics 1202A/B or Physics 1502A/B was taken to satisfy the 1000-level admission requirements, then students will take Computer Science 2120A/B as a modular course. If Computer Science 1026A/B was used to satisfy the 1000-level admission requirements, then an additional half course must be taken from one of the picklists of modular courses numbered 2000 and above to replace Computer Science 2120A/B as a

modular requirement. Students who completed one of Physics 1202A/B or Physics 1502A/B (with a mark of at least 60%) and Computer Science 1026A/B, however, can use Computer Science 1026A/B with a mark of at least 60% in place of Computer Science 2120A/B as a modular course.

2. If Mathematics 1600A/B was taken to satisfy the 1000-level admission requirements, then an additional half course must be taken from one of the picklists of modular courses numbered 2000 and above to replace the modular requirement of 0.5 course from Mathematics 1229A/B or Mathematics 1600A/B.

Progression Requirements *(for students registered in Year 3 of this module in 2025-26 and onward)*

Note: Students registered in Years 3 and 4 of this module in 2024-25 or earlier must consult the policy on *Admission to the Bachelor of Medical Sciences (BMSc) Program* (see Modules Offered in the BMSc Program – Honours Specialization Modules).

In addition to the progression requirements for Honours Specialization modules specified in the policy on *Registration and Progression in Three-Year, Four-Year and Honours Programs*, students must complete the following 6.5 modular courses by the end of Year 3 (note: some courses require marks greater than 60%):

- Biochemistry 2280A;
- Biology 2581A/B and Biology 2382A/B;
- 0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B;
- 0.5 course from: Data Science 2000A/B, Statistical Sciences 2857A/B;
- Computer Science 2120A/B (see modular notes);
- Computer Science 2121A/B;
- 0.5 course from: Mathematics 1229A/B, Mathematics 1600A/B;
- 0.5 course from: Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Computer Science 2214A/B, Computer Science 3120A/B, Computer Science 3121A/B, Computer Science 3319A/B, Computer Science 3346A/B;
- Medical Bioinformatics 3100A/B;
- Pathology 3500; and
- Physiology 3120.

Students registered in Year 3 of the Honours Specialization in Medical Bioinformatics in 2025-26 and onward who satisfy the Progression Requirements are assured progression to Year 4 of the Honours Specialization in Medical Bioinformatics.

BMSc Students who are not registered in Year 3 of the Honours Specialization in Medical Bioinformatics in 2025-26 and onward may be considered for admission to Year 4 of the Honours Specialization if (i) the minimum Admission and Progression Requirements are satisfied, (ii) spaces are available, and (iii) permission is granted.

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN MEDICAL BIOINFORMATICS

A degree containing this module normally requires 4 years for completion. The Major in Medical Bioinformatics can be completed in any regular undergraduate degree. When combined with one of the following Majors, however, this module leads to a Bachelor of Medical Sciences (BMSc) degree: Biochemistry*, Epidemiology and Biostatistics, Interdisciplinary Medical Sciences (IMS)*, Medical Biophysics, Medical Cell Biology*, Microbiology and Immunology*, One Health*, Pathology*, Pharmacology* or Physiology*. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information. The Major in Medical Sciences cannot be taken in combination with the Major in Medical Bioinformatics.

* The combination of one of these Majors with the Major in Medical Bioinformatics can be completed in the Bachelor of Medical Sciences (BMSc) Honours degree with Double Majors, only.

Admission Requirements

Both 1000- and 2000-level courses are included in the Admission Requirements for students pursuing the Major in Medical Bioinformatics in BMSc degrees, since admission to the BMSc Program does not occur until Year 3. The Admission Requirements for students pursuing the Major in other regular undergraduate degrees include only 1000-level courses, since students may register in the Major in Year 2 in non-BMSc degrees. The Module requirements (below) are the same for all students completing the Major.

ADMISSION REQUIREMENTS FOR STUDENTS PURSUING THIS MAJOR MODULE IN A BACHELOR OF MEDICAL SCIENCES (BMSC) DEGREE:

Admission to this Major module occurs in Year 3 upon admission to Year 3 of the Bachelor of Medical Sciences (BMSc) Program. Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to admission to a BMSc degree.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

1.0 course: Biology 1001A, Biology 1002B.
1.0 course: Chemistry 1301A/B, Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics

1028A/B, the former Physics 1301A/B.
0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

The courses below must be completed with a minimum mark of 60% in each (unless otherwise indicated) prior to admission to the Major module in Year 3. These courses will also be used towards the Module requirements. See the policy on Admission to the Bachelor of Medical Sciences (BMSc) Program for additional requirements (averages, course load, etc.).

0.5 course: Biochemistry 2280A.
1.0 course: Biology 2382A/B, Biology 2581A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B.
0.5 course from: Computer Science 1027A/B, Computer Science 2121A/B.

ADMISSION REQUIREMENTS FOR STUDENTS PURSUING THIS MAJOR MODULE IN A DEGREE OTHER THAN A BACHELOR OF MEDICAL SCIENCES (BMSC) DEGREE:

Completion of first-year requirements, including a mark of at least 60% in each of the 4.0 principal courses below:

1.0 course: Biology 1001A, Biology 1002B.
1.0 course: Chemistry 1301A/B, Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.
0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Module
6.0 courses:

0.5 course: Biochemistry 2280A.
1.0 course: Biology 2382A/B, Biology 2581A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B.
0.5 course: Computer Science 2121A/B.
0.5 course from: Data Science 2000A/B, Statistical Sciences 2857A/B.
0.5 course: Computer Science 2120A/B (see note below).
0.5 course: Medical Bioinformatics 3100A/B.
1.0 course from: Medical Bioinformatics 4650F/G, Medical Bioinformatics

4750~~F/G~~**A/B**, Medical Bioinformatics 4850G.
1.0 course from: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3309, Biochemistry 3385B, Epidemiology 2200A/B, Medical Biophysics 3503G, Microbiology and Immunology 2500A/B, Pathology 3500, Pharmacology 3620, Physiology 3120, an additional 0.5 course in Medical Bioinformatics at the 4000-level.

Note: If Computer Science 1026A/B was completed with a mark of at least 60% but was not used to satisfy the 1000-level admission requirements, then it can be used in place of Computer Science 2120A/B as a modular course. If Computer Science 1026A/B was used to satisfy the 1000-level admission requirements, then one of the following half courses must be taken to replace Computer Science 2120A/B as a modular course: Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Computer Science 2214A/B, Computer Science 3120A/B, Computer Science 3121A/B, Computer Science 3319A/B, Computer Science 3346A/B.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN PATHOLOGY

This module leads to an Honours Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Admission Requirements

Admission to this Honours Specialization module occurs in Year 3 and requires admission to Year 3 of the Bachelor of Medical Sciences (BMSc) Program. Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to admission to the Honours Specialization module. Enrolment in this Honours Specialization module is limited and meeting the minimum requirements does not guarantee admission.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

1.0 course: Biology 1001A and Biology 1002B.
1.0 course: Chemistry 1301A/B and Chemistry 1302A/B.
0.5 course from: Calculus 1000A/B, Calculus 1500A/B.
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.
0.5 course from: Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

The 2000-level courses below must be completed with a minimum mark of 60% in each prior to admission to the Honours Specialization module in Year 3. These 2000-level courses will also be used towards the Module requirements. See the policy on *Admission to the Bachelor of Medical Sciences (BMSc) Program* for additional average, course load requirements, etc.

0.5 course: Biochemistry 2280A.
1.0 course: Biology 2382A/B, Biology 2290F/G.
0.5 course: Chemistry 2213A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
0.5 course from: Biology 2581A/B, Chemistry 2223B.

Module
11.0 courses:

0.5 course: Biochemistry 2280A.
1.0 course: Biology 2382A/B, Biology 2290F/G.
0.5 course: Chemistry 2213A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
0.5 course from: Biology 2581A/B, Chemistry 2223B.
1.0 course: Anatomy and Cell Biology 3309.
~~1.0~~ **0.5** course from: Anatomy and Cell Biology 2200A/B, ~~Anatomy and Cell Biology 3200A/B, Medical Sciences 3391A/B,~~ **Chemistry 2272F, Epidemiology 2200A/B,** Microbiology and Immunology 2500A/B~~, Pharmacology 3620~~.
1.0 course: Physiology 3120.
1.0 course: Pathology 3500 with a mark of at least 70%.
0.5 course: Pathology 3985A/B.
0.5 course from: ~~Anatomy and Cell Biology 2200A/B,~~ Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 4200A, Anatomy and Cell Biology 4201B, Biology 3316A/B, ~~Chemistry 2272F, Epidemiology 2200A/B,~~ **Medical Bioinformatics 3100A/B,** Microbiology and Immunology 3300B, **Pharmacology 3620*,** Physiology 3140A~~, Pathology 4425A/B, the former Medical Health Informatics 4100F, the former Medical Health Informatics 4110G, the former Pathology 4450A~~.
~~1.0~~ **0.5** course: Pathology 4400A/B~~, Pathology 4500B~~.
~~1.0~~ **1.5** course**s** from: **Medical Bioinformatics 4650F/G, Medical Bioinformatics 4750A/B, Medical Bioinformatics 4850G,** One Health 4100F/G, Pathology 3700F/G, Pathology 4200A/B, Pathology 4425A/B, Pathology 4600B, the former Medical Sciences 4100F/G**, the former Pathology 4500B**.
1.5 course**s**: Pathology 4985E and Pathology 4986Y; or the former Pathology 4980E.

Note: *The module requirements increase to 11.5 courses if Pharmacology 3620 is used to satisfy this requirement.

Progression Requirements *(for students registered in Year 3 of this module in 2025-26 and onward)*

Note: Students registered in Years 3 and 4 of this module in 2024-25 or earlier must consult the policy on *Admission to the Bachelor of Medical Sciences (BMSc) Program* (see Modules Offered in the BMSc Program – Honours Specialization Modules).

In addition to the progression requirements for Honours Specialization modules specified in the policy on *Registration and Progression in Three-Year, Four-Year and Honours Programs*, students must complete the following 7.0 modular

courses by the end of Year 3 (note: some courses require marks greater than 60%):

- Biochemistry 2280A;
- Biology 2382A/B and Biology 2290F/G;
- Chemistry 2213A/B;
- 0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B;
- 0.5 course from: Biology 2581A/B, Chemistry 2223B;
- Anatomy and Cell Biology 3309;
- Pathology 3500 with a mark of at least 70%;
- Physiology 3120; and
- 1.0 **additional modular** course** ~~from: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Medical Sciences 3391A/B, Microbiology and Immunology 2500A/B, Pharmacology 3620~~.

Note: **Modular courses are defined as those specified in the module's requirements (11.0 courses indicated above), including courses listed in picklists.

Students registered in Year 3 of the Honours Specialization in Pathology in 2025-26 and onward who satisfy the Progression Requirements are assured progression to Year 4 of the Honours Specialization in Pathology.

BMSc students who are not registered in Year 3 of the Honours Specialization in Pathology in 2025-26 and onward may be considered for admission to Year 4 of the Honours Specialization if (i) the minimum Admission and Progression Requirements are satisfied, (ii) spaces are available, and (iii) permission is granted.

DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSIOLOGY 2130
HUMAN PHYSIOLOGY

Course Description
A survey course outlining the principles of human/mammalian physiology: general properties of the living cell and internal environment; neural, muscle, cardiovascular, respiratory, gastro-intestinal, renal and endocrine system; metabolism, reproduction, and homeostasis.

Antirequisite(s): Physiology 1020, Physiology 1021, Physiology 3120, Physiology and Pharmacology 2000.

Prerequisite(s): First-year courses in Biology and Chemistry are recommended.

Extra Information: 2 lecture hours~~, 1 tutorial hour~~.
Course Weight: 1.00

DENTISTRY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5155
PRACTICE ADMINISTRATION

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5190
INTRODUCTION TO CLINICS

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5206
PHARMACOLOGY & THERAPEUTICS IN DENTISTRY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5231
PATIENT MANAGEMENT I

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5234
INTRODUCTION TO CLINICAL ORAL SURGERY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5304
ORAL PATHOLOGY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5306
PHARMACOLOGY & THERAPEUTICS IN DENTISTRY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5326
PROSTHODONTICS

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5328
ENDODONTICS

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5355
PRACTICE ADMINISTRATION

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5390
INTRODUCTION TO CLINICS

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5392
FIXED PROSTHODONTICS

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5395
OPERATIVE DENTISTRY

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

DENTISTRY 5398
ENDODONTICS

DON WRIGHT FACULTY OF MUSIC

DEPARTMENT OF MUSIC RESEARCH AND COMPOSITION

Course Introduction – Effective September 1, 2026, the following course be introduced:

MUSIC 3605A/B
JAZZ THEORY

Course Description
Theory and analysis of music within the jazz idiom.

Antirequisite(s): Music 3680A/B/Y, if taken in 2024–25.

Prerequisite(s): Music 1651A/B and (Music 1710F/G or Music 1730A/B).

Extra Information: 3 hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN POPULAR MUSIC STUDIES

Admission Requirements

Recommendation of the Faculty on the basis of an interview. Completion of first-year requirements, including a mark of at least 60% in each of the following courses: Music 1649A/B, Music 1651A/B, Music 1710F/G or (Music 1639U and Music 1641U), Music 1730A/B, and 1.0 course from: English 1020-1999, Film Studies 1020E, Film Studies 1022, World Literatures and Cultures 1030.

Module
6.0 courses:

0.5 course from: Music 2700A/B, Music 2701A/B, Music 2702A/B, Music 2703A/B/Y, Music 2704A/B/Y.
0.5 course: Music 2736A/B.
0.5 course from: Music 3730A/B, Music 3737A/B.
3.5 courses from: ~~Music 2171A/B/Y,~~ Music 2671F/G, Music 2695A/B, Music 2700A/B, Music 2701A/B, Music 2702A/B, Music 2703A/B/Y, Music 2704A/B/Y, Music 2734A/B, **Music 3605A/B,** Music 3713A/B/Y, Music 3730A/B, Music 3732F/G, Music 3733A/B, Music 3734A/B, Music 3735A/B, Music 3736A/B, Music 3737A/B, Music 3738A/B, Music 3739A/B, Music 3955Y, Music 3956Y, Music 3957Y, Music 4735A/B, Music 4740A/B/Y**, the former Music 2171A/B/Y**.
1.0 course~~s~~ from: English 2017, any 2000 level or higher Film Studies course, Sociology 2106A/B.

Note: A maximum of 1.0 course from Music 2171A/B/Y, Music 2700A/B, Music 2701A/B, Music 2702A/B, Music 2703A/B/Y, Music 2704A/B/Y, Music 2707A/B/Y, Music 2708A/B/Y, Music 2709A/B/Y, and Music 2801A/B may be counted toward the module.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

COMPUTER SCIENCE 4416A/B
DATA SCIENCE II

Course Description
Students will learn to develop and extend data science methods in order to solve new problems. Approaches covered will include convex loss/regularization, graphical models, and neural networks.

Prerequisite(s): Data Science 3000A/B (or the former Computer Science 4414A/B) or Computer Science 4437A/B/Y if taken during Fall/Winter 2016 or 2017.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

COMPUTER SCIENCE 2212A/B/Y
INTRODUCTION TO SOFTWARE ENGINEERING

Course Description
A team project course that provides practical experience in the software engineering field. Introduction to the structure and unique characteristics of large software systems, and concepts and techniques in the design, management and implementation of large software systems.

Antirequisite(s): Software Engineering 2203A/B if taken before the 2022-2023 academic year.

Prerequisite(s): Computer Science 2210A/B and Computer Science 2211A/B.

Extra Information: ~~3 lecture/tutorial hours~~ **2 lecture hours, 2 tutorial hours**.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

COMPUTER SCIENCE 4418A/B
INTRODUCTION TO VISUAL ANALYTICS

Course Description
Students will learn how to conceptualize and design systems that integrate data visualization, interactive machine learning, and human-data interaction to support complex data-driven analytical tasks and activities which humans encounter in different fields. Visual analytics concepts and components will be studied in the context of human-centred computing.

Prerequisite(s): Data Science 3000A/B (or the former Computer Science 4414A/B) ~~or Computer Science 4437A/B/Y if taken during Fall/Winter 2016 or 2017. Pre-or Corequisite(s): Computer Science 4416A/B is recommended.~~

Extra Information: 3 lecture hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN BIOINFORMATICS - admission discontinued effective 2027

Admission to this module is discontinued effective September 1, 2027. Students currently enrolled in the module will be permitted to graduate upon fulfillment of the module requirements by August 31, 2030.

This module concentrates on the computational aspects of bioinformatics, while at the same time providing students with enough background in the biosciences to appreciate the contexts in which computation is applied. The Honours Specialization in Bioinformatics leads to a degree that is accredited by the Computer Science Accreditation Council, the academic arm of the Canadian Information Processing Society, under its interdisciplinary program criteria.

The Honours Specialization in Bioinformatics can be completed only within BSc (Hons) degrees.

Admission Requirements

Completion of first-year requirements with no failures. Students must complete the following courses with an average of at least 70%, with no individual mark below 60%:

2.0 courses: Biology 1001A, Biology 1002B, Chemistry 1301A/B, Chemistry 1302A/B;
0.5 course: Computer Science 1020A/B (with a mark of at least 60%);
0.5 course from: Computer Science 1025A/B, Computer Science 1026A/B, Data Science 1200A/B, Engineering Science 1036A/B (in each case with a mark of at least 65%);
0.5 course from: Computer Science 1027A/B, Computer Science 1037A/B (in each case with a mark of at least 65%);
1.0 course* from: Applied Mathematics 1201A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B; or the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

~~Note: Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.~~ Some Computer Science electives (e.g., Computer Science 3388A/B~~, Computer Science 4442A/B,~~ and Computer Science 4482A/B) require Mathematics 1600A/B as a pre-requisite.

*Students must complete the 1.0 course in mathematics by the end of Term 1 in Year 2.

Students taking this module must see a Departmental ~~Counsellor~~ **Advisor** in Computer Science for advice concerning the order in which courses have to be taken.

Module
12.0 courses:

1.0 course: Biochemistry 2280A, Biology 2581A/B.
0.5 course: Chemistry 2213A/B.
6.0 courses: Computer Science 2208A/B, Computer Science 2209A/B, Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Computer Science 3305A/B, Computer Science 3319A/B, Computer Science 3331A/B, Computer Science 3340A/B, Computer Science 4460Z, Computer Science 4463A/B, the former Computer Science 4462A/B.
0.5 course from: Computer Science 2214A/B, Mathematics 2155F/G.
0.5 course from: Computer Science 3307A/B/Y, Computer Science 3346A/B.
0.5 course from: Computer Science 4461A/B.
0.5 course from: Biology 2290F/G, Chemistry 2223B.
0.5 course from: Biochemistry 3381A, Biology 3592A/B, Biology 3593A/B.
1.0 course from: Computer Science 4411A/B, ~~Computer Science 4416A/B,~~ Computer Science 4417A/B, Computer Science 4418A/B, Computer Science 4445A/B, the former Computer Science 4412A/B, the former Computer Science 4432A/B.
0.5 additional course from: Data Science 3000A/B, Mathematics 2156A/B, Computer Science courses at the 3000 level or above.
0.5 course from: Statistical Sciences 2141A/B, Statistical Sciences 2244A/B or Statistical Sciences 2857A/B, Biology 2244A/B.

*Chemistry 2213A/B and Chemistry 2223B may be replaced in the module by Chemistry 2273A and Chemistry 2283G.

Program Revision – Effective September 1, 2027, the following changes be made:

MAJOR IN COMPUTER SCIENCE (COMPUTER SCIENCE PROGRAM)

Admission Requirements

Registration in the Computer Science program **or enrolment in an Honours Specialization or Specialization module outside Computer Science** and completion of first-year requirements, including the following courses with a mark of at least 60%:

0.5 course: Computer Science 1020A/B.
0.5 course from: Computer Science 1025A/B, Computer Science 1026A/B, Data Science 1200A/B or Engineering Science 1036A/B (in each case with a mark of at least 65%);
0.5 course from: Computer Science 1027A/B or Computer Science 1037A/B (in either case with a mark of at least 65%);
1.0 course from: Applied Mathematics 1201A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B; or the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

Note: Some Computer Science electives (e.g., Computer Science 3388A/B and Computer Science 4482A/B) require Mathematics 1600A/B as a prerequisite.

Students not registered in the Computer Science program may only enrol in up to 1.5 courses from Computer Science per academic year. **Students enrolled in an Honours Specialization or Specialization module outside Computer Science who are registered in the Major in Computer Science are exempt from this limit.**

Module
6.0 courses:

3.5 courses: Computer Science 2208A/B, Computer Science 2209A/B, Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Computer Science 3305A/B, Computer Science 3307A/B/Y.
0.5 course from: Computer Science 2214A/B, Mathematics 2155F/G.
2.0 courses from: Computer Science courses at the 3000 level or above, Data Science 3000A/B, Science 3377A/B, Mathematics 2156A/B, Mathematics 3159A/B.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INFORMATION SYSTEMS - admission discontinued effective 2027

Admission to this module is discontinued effective September 1, 2027. Students currently enrolled in the module will be permitted to graduate upon fulfillment of the module requirements by August 31, 2030.

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with no mark in these principal courses below 60%, including:

0.5 course: Computer Science 1020A/B (with a mark of at least 60%);
0.5 course from: Computer Science 1025A/B, Computer Science 1026A/B, Data Science 1200A/B, Engineering Science 1036A/B (in each case with a mark of at least 65%);
0.5 course from: Computer Science 1027A/B, Computer Science 1037A/B (in each case with a mark of at least 65%);
1.0 course from: Applied Mathematics 1201A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B; or the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

Note: Some Computer Science electives (e.g., Computer Science 3388A/B~~, Computer Science 4442A/B,~~ and Computer Science 4482A/B) require Mathematics 1600A/B as a prerequisite.

Module
9.0 courses:

6.0 courses: Computer Science 2208A/B, Computer Science 2209A/B, Computer Science 2210A/B, Computer Science 2211A/B, Computer Science 2212A/B/Y, Computer Science 3305A/B, Computer Science 3307A/B/Y, Computer Science 3319A/B, Computer Science 3331A/B*, Computer Science 3340A/B, Computer Science 3357A/B, Computer Science 4490Z.
0.5 course from**:** Computer Science 2214A/B, Mathematics 2155F/G.
0.5 course**: Writing 2101F/G, Writing 2111F/G, ~~Writing 2125F/G,~~ Writing 2131F/G**, the former Writing 2125F/G**.
0.5 course from**: Biology 2244A/B, Statistical Sciences 2141A/B, Statistical Sciences 2244A/B, Statistical Sciences 2857A/B.

1.0 course from: Computer Science 4402A/B, Computer Science 4411A/B, Computer Science 4413A/B, ~~Computer Science 4416A/B,~~ Computer Science 4417A/B, Computer Science 4418A/B, Computer Science 4457A/B/Y, Computer Science 4471A/B, Computer Science 4473A/B, Data Science 3000A/B, Mathematics 3159A/B, the former Computer Science 4412A/B, the former Computer Science 4414A/B.
0.5 additional course from: Mathematics 2156A/B, Computer science courses at the 3000 level or above.

* Students in this module who are registered in the combined Undergraduate Program in Business Administration (HBA) are allowed to replace Computer Science 3331A/B with 0.5 course from Computer Science 3346A/B, Computer Science 3377A/B, Computer Science 4402A/B, Computer Science 4411A/B, Computer Science 4413A/B, Computer Science 4416A/B, Computer Science 4417A/B, Computer Science 4418A/B, Computer Science 4457A/B/Y, Computer Science 4471A/B, Computer Science 4473A/B, ~~Science 3377A/B,~~ Data Science 3000A/B, Mathematics 3159A/B, **Science 3377A/B,** the former Computer Science 3325A/B, the former Computer Science 3326F/G, the former Computer Science 4412A/B, the former Computer Science 4414A/B.

** Students in this module who are registered in the combined Undergraduate Program in Business Administration (HBA) may replace the 0.5 Writing and 0.5 Statistical Sciences/Biology requirements with 1.0 additional course from Computer Science 3346A/B, Computer Science 3377A/B, Computer Science 4402A/B, Computer Science 4411A/B, Computer Science 4413A/B, Computer Science 4416A/B, Computer Science 4417A/B, Computer Science 4418A/B, Computer Science 4457A/B/Y, Computer Science 4471A/B, Computer Science 4473A/B, Data Science 3000A/B, ~~Science 3377A/B,~~ Mathematics 3159A/B, **Science 3377A/B,** the former Computer Science 3325A/B, the former Computer Science 3326F/G, the former Computer Science 4412A/B, the former Computer Science 4414A/B.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN GAME DEVELOPMENT

Admission Requirements

Mathematics 1600A/B and registration in either the Honours Specialization, the Major, or the Specialization in Computer Science.

Module

These courses must not already be included in the Honours Specialization, the Major or the Specialization in Computer Science.

4.0 courses:

3.0 courses: Computer Science 3346A/B, Computer Science 3388A/B, Computer Science 4474A/B, Computer Science 4480Y, Computer Science 4482A/B, Computer Science 4483A/B.
0.5 course from: Computer Science 3357A/B, Computer Science 3377A/B, Computer Science 4402A/B, ~~Computer Science 4416A/B,~~ Computer Science 4417A/B, Computer Science 4418A/B, ~~Computer Science 4442A/B,~~ Computer Science 4457A/B/Y, Computer Science 4471A/B, Computer Science 4472A/B, Computer Science 4473A/B, Computer Science 4481A/B, **Science 3377A/B, the former Computer Science 4442A/B,** the former Computer Science 4487A/B, ~~Science 3377A/B,~~ the former Computer Science 4488A/B.
0.5 course from: Computer Science courses at the 3000 level or above; Data Science 3000A/B; courses at the 2100 level or above in Applied Mathematics, Calculus, Mathematics, Music, Physics, Statistical Sciences; courses numbered 2200 or higher in Visual Arts, Writing. Students in the Major or the Specialization in Computer Science must take Computer Science 3340A/B to satisfy this requirement, unless that course has been counted already toward the Major or Specialization.

DEPARTMENT OF PHYSICS AND ASTRONOMY

Course Revision – Effective September 1, 2026, the following change(s) be made:

ASTRONOMY 4101A/B
STELLAR ASTROPHYSICS

Course Description
Internal structure of stars; stellar evolution; stellar atmospheres; the formation of stars.

Prerequisite(s): Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B); **Mathematics 2500A/B or the former** Calculus 2503A/B.

Extra Information: 3 lecture hours. Typically offered in alternate years only.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ASTRONOMY 4602A/B
GRAVITATIONAL ASTROPHYSICS AND COSMOLOGY

Course Description
Introduction to gravity in astrophysics. Application of Newtonian gravitation to basic galactic dynamics and galactic structure. An introduction to general relativity with applications to black holes, cosmology, and the early universe.

Prerequisite(s): Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B); **Mathematics 2500A/B or the former** Calculus 2503A/B.

Extra Information: 3 lecture hours. Typically offered in alternate years only.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

NUMERICAL AND MATHEMATICAL METHODS 2276A/B
APPLIED MATHEMATICS FOR ELECTRICAL AND MECHANICAL ENGINEERING III

Course Description
Topics covered include a review of orthogonal expansions of functions and Fourier series and transforms, multiple integration with methods of evaluation in different systems of coordinates, vector fields, line integrals, surface and flux integrals, the Green, Gauss and Stokes theorems with applications.

Antirequisite(s): Calculus 2302A/B, Calculus 2303A/B, ~~Calculus 2502A/B, Calculus 2503A/B,~~ **Mathematics 2500A/B,** Numerical and Mathematical Methods 2277A/B, the former Applied Mathematics 2276A/B, the former Applied Mathematics 2277A/B**, the former Calculus 2502A/B, the former Calculus 2503A/B**.

Prerequisite(s): Numerical and Mathematical Methods 2270A/B or the former Applied Mathematics 2270A/B.

Extra Information: 3 lecture hours, 1 tutorial hour. Restricted to students in the Faculty of Engineering.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

NUMERICAL AND MATHEMATICAL METHODS 2277A/B
APPLIED MATHEMATICS FOR CHEMICAL AND CIVIL ENGINEERING III

Course Description
Topics covered include a review of orthogonal expansions of functions and Fourier series, partial differential equations and Fourier series solutions, boundary value problems, the wave, diffusion and Laplace equations, multiple integration with methods of evaluation in different systems of coordinates, vector fields, line integrals, surface and flux integrals, the Green, Gauss and Stokes theorems with applications.

Antirequisite(s): Calculus 2302A/B, Calculus 2303A/B, ~~Calculus 2502A/B, Calculus 2503A/B,~~ **Mathematics 2500A/B,** Numerical and Mathematical Methods 2276A/B, the former Applied Mathematics 2276A/B, the former Applied Mathematics 2277A/B**, the former Calculus 2502A/B, the former Calculus 2503A/B**.

Prerequisite(s): Numerical and Mathematical Methods 2270A/B or the former Applied Mathematics 2270A/B.

Extra Information: 3 lecture hours, 1 tutorial hour. Restricted to students in the Faculty of Engineering.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 1201A/B
PHYSICS FOR THE SCIENCES I

Course Description
An introductory **calculus- and** laboratory-based course in physics covering the foundational principles of **classical mechanics. Topics include** kinematics, force and motion, energy, ~~linear~~ momentum, **oscillations, waves,** rotational motion, torque, equilibrium, angular momentum, **and gravitation.** ~~geometric optics and optical instruments. Fundamental physics concepts are introduced with examples in physical, biological, and medical processes to develop students' problem-solving skills.~~

Antirequisite(s): Physics 1101A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

Pre-or Corequisite(s): Grade 12U Calculus and Vectors (MCV4U) or Mathematics 0110A/B.

Extra Information: 3 lecture hours, 3 laboratory/tutorial hours. Note: This course, together with Physics 1202A/B, is a suitable prerequisite for modules having an introductory physics requirement (including modules in the Faculty of Science, modules offered by the basic Medical Science departments, and professional schools requiring a calculus-based laboratory course in physics). Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 1202A/B
PHYSICS FOR THE SCIENCES II

Course Description
An introductory laboratory-based course in physics covering the foundational principles of ~~oscillations, waves,~~ fluids, electric fields and potential, DC circuits, magnetic fields, ~~and~~ magnetic induction**, geometric optics and optical instruments**. Fundamental physics concepts are introduced with examples in physical, biological, and medical processes to develop students' problem-solving skills.

Antirequisite(s): Physics 1102A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Prerequisite(s): One of Physics 1201A/B, Physics 1401A/B or Physics 1501A/B, or a minimum mark of 80% in Physics 1101A/B, or the former Physics 1028A/B or Physics 1301A/B. **Pre-or Corequisite(s):** Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B.

Extra Information: 3 lecture hours, 3 laboratory/tutorial hours. Note: This course, together with Physics 1201A/B, is a suitable prerequisite for modules having an introductory physics requirement (including modules in the Faculty of Science, modules offered by the basic Medical Science departments, and professional schools requiring a calculus-based laboratory course in physics). Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 1401A/B
PHYSICS FOR ENGINEERING STUDENTS I

Course Description
An introductory calculus-based laboratory course in physics covering the foundational principles of kinematics, force and motion, energy, linear momentum, rotation, torque and angular momentum, ~~gravitation,~~ fluids.

Antirequisite(s): Physics 1021, Physics 1101A/B, Physics 1201A/B, Physics 1501A/B, the former Physics 1028A/B, the former Physics 1301A/B.

Prerequisite(s): Grade 12U Calculus and Vectors (MCV4U) or Mathematics 0110A/B; Grade 12U Physics (SPH4U). **Corequisite(s):** Numerical and Mathematical Methods 1412A/B (preferred) or Calculus 1000A/B or Calculus 1500A/B or the former Applied Mathematics 1412A/B.

Extra Information: 3 lecture hours, 3 laboratory/tutorial hours. Note: Registration is restricted to students in the Faculty of Engineering.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 1402A/B
PHYSICS FOR ENGINEERING STUDENTS II

Course Description
An introductory calculus-based laboratory course in physics covering the foundational principles of oscillations, waves, **gravitation,** electric fields and potential, DC **and RLC** circuits, magnetic fields, magnetic induction**, and electromagnetic waves**.

Antirequisite(s): Physics 1021, Physics 1102A/B, Physics 1202A/B, Physics 1502A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Prerequisite(s): One of Physics 1401A/B or Physics 1501A/B; Numerical and Mathematical Methods 1412A/B (preferred) or Calculus 1000A/B or Calculus 1500A/B or the former Applied Mathematics 1412A/B, or permission of the Department.

Extra Information: 3 lecture hours, 3 laboratory/tutorial hours. Note: Registration is restricted to students in the Faculty of Engineering.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 1501A/B
ENRICHED INTRODUCTORY PHYSICS I

Course Description
A calculus-based laboratory course for students intending to pursue further studies in science, particularly the physical sciences. Newton's laws, energy, linear momentum, rotations and angular momentum, **fluid mechanics,** gravitation and planetary motion.

Antirequisite(s): Physics 1021, Physics 1101A/B, Physics 1201A/B, Physics 1401A/B, the former Physics 1028A/B, the former Physics 1301A/B.

Prerequisite(s): Grade 12U Physics (SPH4U); Grade 12U Calculus and Vectors (MCV4U) or Mathematics 0110A/B. **Corequisite(s):** Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B. The former Applied Mathematics 1412A/B or the former Applied Mathematics 1413 can be used in place of Numerical and Mathematical Methods 1412A/B.

Extra Information: 3 lecture hours, 3 laboratory/tutorial hours. Note: This course, together with Physics 1502A/B, is a suitable prerequisite for all modules in the Faculty of Science, for all modules offered by the basic medical science departments and for professional schools having a Physics requirement. Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 1502A/B
ENRICHED INTRODUCTORY PHYSICS II

Course Description
A calculus-based laboratory course for students intending to pursue further studies in science, particularly the physical sciences. ~~Relativity, the electromagnetic interaction, the strong and weak interactions, oscillations and waves.~~ **Electric fields and potential, DC circuits, magnetic fields, electromagnetic interaction, radioactivity, the strong and weak interactions, special relativity, oscillations, and waves.**

Antirequisite(s): Physics 1021, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, the former Physics 1029A/B, the former Physics 1302A/B.

Prerequisite(s): ~~o~~**O**ne of Physics 1501A/B (preferred) or Physics 1201A/B or Physics 1401A/B, or the former Physics 1301A/B, or a minimum mark of 80% in the former Physics 1028A/B; Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B or the former Applied Mathematics 1412A/B. **Corequisite(s):** Calculus 1501A/B (preferred) or Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B. The former Applied Mathematics 1414A/B or the former Applied Mathematics 1413 can be used in place of Numerical and Mathematical Methods 1414A/B.

Extra Information: 3 lecture hours, 3 laboratory/tutorial hours. Note: This course, together with Physics 1501A/B, is a suitable prerequisite for all modules in the Faculty of Science, for modules offered by the basic medical science departments and for professional schools having a Physics requirement.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 3151A/B
CLASSICAL MECHANICS I

Course Description
This course provides students with the tools to tackle more complex problems than those covered in introductory mechanics. D'Alembert's principle, principle of least action, Lagrange's equations, Hamilton's equations, Poisson brackets, canonical transformations, central forces, rigid bodies, oscillations. Optional topics including: special relativity, Hamilton-Jacobi theory, constrained systems, field theory.

Prerequisite(s): (Physics 1202A/B or Physics 1402A/B or Physics 1502A/B or the former Physics 1029A/B or the former Physics 1302A/B), or Integrated Science 1001X; Calculus 2303A/B ~~or Calculus 2503A/B~~ **or Mathematics 2500A/B** or Numerical and Mathematical Methods 2276A/B or Numerical and Mathematical Methods 2277A/B or the former Applied Mathematics 2276A/B or the former Applied Mathematics 2277A/B **or the former Calculus 2503A/B**; Applied Mathematics 2402A**/B** or Numerical and Mathematical Methods 2270A/B or the former Applied Mathematics 2270A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 3200A/B
QUANTUM MECHANICS 1

Course Description
~~The Schrodinger equation in one dimension, wave packets, stationary states, the harmonic oscillator, the postulates of Quantum Mechanics, operators and eigenvalue equations, angular momentum, the hydrogen atom.~~ **Review of spin and angular momentum, systems of two distinguishable spin-1/2 particles, wave mechanics, harmonic oscillator, translational and rotational symmetry in the two-body problem, bound states of central potentials.**

Antirequisite(s): **The former** Chemistry 3374A/B.

Prerequisite(s): Mathematics 1600A/B or Mathematics 1700A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B; **Calculus 2303A/B or Mathematics 2500A/B or the former Calculus 2503A/B,** Physics 2101A/B and (Physics 2104A/B or the former Physics 2102A/B); Physics 2110A/B. **Corequisite(s): Applied Mathematics 2402A/B or Numerical and Mathematical Methods 2270A/B.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

PHYSICS 3926F/G
COMPUTER SIMULATIONS IN PHYSICS

Course Description
A project-oriented computation course using applications of numerical methods to problems in medical physics, science of materials, atmospheric physics and astrophysics. Projects will involve choosing a physical problem, posing scientific questions, and implementing a computer simulation. Techniques for programming, analysis, and presentation will be developed.

Antirequisite(s): The former Applied Mathematics 3911F/G.

Prerequisite(s): (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B or the former Physics 1302A/B); one of Calculus 2303A/B, **Mathematics 2500A/B,** ~~or Calculus 2503A/B,~~ Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former Applied Mathematics 2276A/B, the former Applied Mathematics 2277A/B**, the former Calculus 2503A/B**. Integrated Science 1001X with a minimum mark of 60% can be used in place of Physics 1202A/B. **Pre-or Corequisite(s):** Applied Mathematics 2402A/B or Numerical and Mathematical Methods 2270A/B or the former Applied Mathematics 2270A/B; and Physics 2110A/B or Applied Mathematics 2814~~F/G~~**A/B** or Statistical Sciences 2864A/B.

Extra Information: 3 lecture hours, 2 laboratory hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN ADVANCED PHYSICS

Admission Requirements

Available only to those students who will complete an Honours Specialization or Specialization in Physics, Astrophysics, or Medical Physics.

Module
4.0 courses:

1.0 course: Physics 4999E.
1.0 course from:

> **Group A**: Courses Involving Applied and Theoretical Physics
> **Physics 2300A/B or a**~~A~~ny Physics or Astronomy course numbered 3000 or higher.

1.0 course from:

> **Group B**: Courses in the Mathematical Sciences
> **Applied Mathematics 2814A/B, Applied Mathematics 3811A/B, Mathematics 2700A/B, Statistical Sciences 2857A/B or a**~~A~~ny course numbered 3000 or higher in Applied Mathematics, Mathematics, Numerical and Mathematical Methods or Statistical Sciences.

1.0 course from: Group A or Group B, or Computer Science 2120A/B, Computer Science 2121A/B.

If any of ~~these~~ **the above 4.0** courses are taken as part of an Honours Specialization or Specialization in Physics, Astrophysics, or Medical Physics, alternative courses must be selected from Group A.

Note: This module, together with an Honours Specialization in Physics, Astrophysics, or Medical Physics is recommended for students considering graduate studies in one of these fields.

Note: The above courses may have prerequisites that are not included in the module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN ASTROPHYSICS

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.5 principal courses, with no mark in these principal courses below 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 85% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

0.5 course from: Mathematics 1700A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, the former Applied Mathematics 1411A/B.

0.5 additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Chemistry 1302A/B, Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1000A/B or ~~the former~~ Statistical Sciences 1024A/B.

0.5 additional course.

Module
10.0 courses:

3.0 courses: Astronomy 2201A/B, Astronomy 2801A/B, Astronomy 3302A/B, Astronomy 3303A/B, Astronomy 4101A/B, Astronomy 4602A/B.
~~1.0 course: Calculus 2502A/B, Calculus 2503A/B.~~
0.5 course from: Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former Calculus 2503A/B.
~~1.0~~ **0.5 course from:** Applied Mathematics 2402A/B ~~or the former Differential Equations 2402A, Applied Mathematics 3815A/B,~~ **Numerical and Mathematical Methods 2270A/B.**
0.5 course from: Applied Mathematics 3815A/B, Numerical and Mathematical Methods 3415A/B.

0.5 course from: Applied Mathematics 3811A/B, Mathematics 2700A/B, Statistical Sciences 2857A/B, the former Calculus 2502A/B.
2.0 courses: Physics 2101A/B, ~~(~~Physics 2104A/B **(**or the former Physics 2102A/B), Physics 2110A/B, ~~and~~ Physics 2910F/G (or the former Physics 2900E).
2.0 courses: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, ~~and~~ Physics 3400A/B.
0.5 course from: Physics 3900F/G/Z, Physics 3926F/G.
0.5 course: Physics 4351A/B.

Students must also complete Physics 2950Y, Physics 3950Y and Physics 4950Y (non-credit seminar courses).

Program Revision – Effective September 1, 2026, the following changes be made:

SPECIALIZATION IN ASTROPHYSICS

Admission Requirements

Completion of first-year requirements including the following 3.5 courses, each with a mark of at least 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 70% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

0.5 course from: Mathematics 1700A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, the former Applied Mathematics 1411A/B.

0.5 additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Chemistry 1302A/B, Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1000A/B or ~~the former~~ Statistical Sciences 1024A/B.

0.5 additional course.

Module~~.~~
10.0 courses:

3.0 courses: Astronomy 2201A/B, Astronomy 2801A/B, Astronomy 3302A/B, Astronomy 3303A/B, Astronomy 4101A/B, Astronomy 4602A/B.
~~0.5 course from: Calculus 2502A/B (preferred), Calculus 2302A/B.~~
0.5 course from: **Calculus 2303A/B, Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former** Calculus 2503A/B ~~(preferred), Calculus 2303A/B~~.
~~1.0~~ **0.5 course from:** Applied Mathematics 2402A/B ~~or the former Differential Equations 2402A, Applied Mathematics 3815A/B~~**, Numerical and Mathematical Methods 2270A/B**.
0.5 course from: Applied Mathematics 3815A/B, Numerical and Mathematical Methods 3415A/B.
0.5 course from: Applied Mathematics 3811A/B, Calculus 2302A/B, Mathematics 2700A/B, Statistical Sciences 2857A/B, the former Calculus

2502A/B.
2.0 courses: Physics 2101A/B, (Physics 2104A/B (or the former Physics 2102A/B), Physics 2110A/B, and Physics 2910F/G (or the former Physics 2900E).
2.0 courses: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, and Physics 3400A/B.
0.5 course from: Physics 3900F/G/Z, Physics 3926F/G.
0.5 course: Physics 4351A/B.

Students must also complete Physics 2950Y, Physics 3950Y, Physics 4950Y (non-credit seminar courses).

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN ASTROPHYSICS

Admission Requirements

Completion of first-year requirements including the following 2.0 courses, each with a mark of at least 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 70% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

Students must complete Mathematics 1700A/B or Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B with a minimum mark of 55% by the end of Term 1 in Year 2.

Module
6.0 courses:

1.5 courses from: (Astronomy 2201A/B or Astronomy 2801A/B), Astronomy 3302A/B, Astronomy 3303A/B**, Astronomy 4101A/B, Astronomy 4602A/B**.
~~0.5 course from: Calculus 2502A/B (preferred), Calculus 2302A/B.~~
0.5 course from: **Calculus 2303A/B, Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former** Calculus 2503A/B ~~(preferred), Calculus 2303A/B~~.
0.5 course from: Applied Mathematics 2402A/B ~~or the former Differential Equations 2402A~~**, Numerical and Mathematical Methods 2270A/B**.
2.0 courses: Physics 2101A/B, ~~(~~Physics 2104A/B **(**or the former Physics 2102A/B), Physics 2110A/B**,** ~~and~~ Physics 2910F/G (or the former Physics 2900E).
0.5 course from: Physics 3900F/G/Z, Physics 3926F/G.
~~0.5~~ **1.0 course** from: **Calculus 2302A/B,** Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B**, the former Calculus 2502A/B**.

Students must also complete Physics 2950Y, Physics 3950Y (non-credit seminar courses).

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN ASTROPHYSICS

Admission Requirements

Completion of first-year requirements including the following courses, each with a mark of at least 60%:

1.0 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B or the former Physics 1301A/B or 80% in the former Physics 1028A/B and Physics 1202A/B, Physics 1402A/B, Physics 1502A/B or the former Physics 1302A/B or 80% in the former Physics 1029A/B.

1.0 course from: Calculus 1000A/B, Calculus 1500A/B, Calculus 1501A/B (recommended), Calculus 1301A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, or the former Applied Mathematics 1413.

Integrated Science 1001X with a minimum mark of 60% can be used in place of Physics 1202A/B and Calculus 1301A/B.

1.0 additional course, at least 0.5 of which must be from the Faculty of Science.

Module
4.0 courses:

0.5 course from: Calculus 2302A/B, ~~Calculus 2502A/B, Applied Mathematics 2402A/B, Applied Mathematics 2814F/G, Numerical and Mathematical Methods 2270A/B,~~ **Mathematics 2500A/B,** Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former Applied Mathematics 2270A/B, the former Applied Mathematics 2276A/B, the former Applied Mathematics 2277A/B**, the former Calculus 2502A/B**.
1.0 course: Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B).
1.0 course: Astronomy 2201A/B, Astronomy 2801A/B.
1.0 course from*: Astronomy 3302A/B, Astronomy 3303A/B, Astronomy 4101A/B, Astronomy 4602A/B.
0.5 course from: **any Physics or Astronomy course numbered 2100 or above not already taken,** Earth Sciences 3001A/B, Earth Sciences 3312A/B, ~~Earth Sciences 3321A/B,~~ Earth Sciences 4435A/B, **the former** Earth Sciences 4606Y~~, or any Physics or Astronomy course numbered 2100 or above not already taken~~.

Students must also complete Physics 2950Y (non-credit seminar course).

*Note that these courses are generally offered only every other year.

Some courses may have pre-requisites not included in the module.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN CONCEPTUAL ASTRONOMY

This Minor is especially designed for students with a general interest in Astronomy. Students enrolled in any other module offered by the Department of Physics and Astronomy cannot simultaneously be enrolled in this Minor.

Admission Requirements

Completion of first-year requirements.

Module
4.0 courses:

1.0 course: Astronomy 2021A/B, Astronomy 2022A/B.
0.5 course at the 2000 level or above from the Faculty of Science.
2.5 courses from: Astronomy 2201A/B, Astronomy 2801A/B, (Astronomy 2232F/G or Earth Sciences 2232F/G), Earth Sciences 2200A/B, Earth Sciences 2240F/G, Earth Sciences 3001A/B, ~~Earth Sciences 3312A/B, Earth Sciences 3321A/B,~~ **Earth Sciences 4312A/B, Earth Sciences 4321A/B,** Geography and Environment 2090A/B, Philosophy 2300F/G, Philosophy 2310F/G, ~~or~~ Physics 2070A/B**, the former Earth Sciences 3312A/B, the former Earth Sciences 3321A/B**.

Note: Some courses listed in this module have prerequisites not included in the module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN MEDICAL PHYSICS

Offered by the Department of Physics and Astronomy (Faculty of Science) in collaboration with the Department of Medical Biophysics (Schulich School of Medicine and Dentistry), this module can be completed within a Bachelor of Science (Honours) degree, offered by the Faculty of Science, only. Students who successfully complete this module will have satisfied the requirements for entry into a CAMPEP certified graduate program leading to a career as a Professional Medical Physicist (certification necessary to work in a clinical setting).

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.5 principal courses, each with a mark of at least 60%:

0.5 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B.

0.5 course from: Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B.

1.0 course from: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 75% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

0.5 course from: Mathematics 1700A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, the former Applied Mathematics 1411A/B.

0.5 additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Chemistry 1302A/B, Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1000A/B or ~~the former~~ Statistical Science**s** 1024A/B.

0.5 additional course.

Module

10.5 courses:

~~0.5 course from: Calculus 2302A/B, Calculus 2502A/B (preferred).~~
0.5 course from: Calculus 2303A/B, **Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods**

2277A/B, the former Calculus 2503A/B ~~(preferred)~~.
0.5 course from: Applied Mathematics 2402A/B**, Numerical and Mathematical Methods 2270A/B**.
1.5 courses: Physics 2101A/B, Physics 2110A/B, (Physics 2104A/B or the former Physics 2102A/B).
1.5 courses from: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B.
0.5 course: Physics 3926F/G.
2.0 courses: Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3980E.
~~1.0~~ **1.5 courses** from: Applied Mathematics 3815A/B, **Calculus 2302A/B,** Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Medical Biophysics 3820B, any courses not yet taken numbered 2900 or higher in Physics**, the former Calculus 2502A/B**.
1.0 course from: Medical Biophysics 4445A/B (but only if Medical Biophysics 3503G was not taken to satisfy a requirement above), Medical Biophysics 4330A, Medical Biophysics 4467B, Medical Biophysics 4501A, Physics 4672A/B.
1.5 courses: Medical Biophysics 4985E, Medical Biophysics 4986Y.

Note: The above courses may have prerequisites that are not included in the module.

Program Revision – Effective September 1, 2026, the following changes be made:

SPECIALIZATION IN MEDICAL PHYSICS

Offered by the Department of Physics and Astronomy (Faculty of Science) in collaboration with the Department of Medical Biophysics (Schulich School of Medicine and Dentistry), this module can be completed within a Bachelor of Science degree, offered by the Faculty of Science, only.

Admission Requirements

Completion of first-year requirements including the following 3.5 courses, each with a mark of at least 60%:

0.5 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B.

0.5 course from: Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B.

1.0 course: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 75% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

0.5 course from: Mathematics 1700A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, the former Applied Mathematics 1411A/B.

0.5 additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Chemistry 1302A/B, Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1000A/B or ~~the former~~ Statistical Science**s** 1024A/B.

0.5 additional course.

Module
10.0 courses:

~~0.5 course from: Calculus 2302A/B, Calculus 2502A/B (preferred).~~
0.5 course from: Calculus 2303A/B, **Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former** Calculus 2503A/B ~~(preferred)~~.
0.5 course from: Applied Mathematics 2402A/B**, Numerical and Mathematical Methods 2270A/B**.
1.5 courses: Physics 2101A/B, Physics 2110A/B, (Physics 2104A/B or the

former Physics 2102A/B).
1.5 courses from: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B.
0.5 course: Physics 3926F/G.
2.0 courses: Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3980E.
~~1.0~~ **1.5 courses** from: Applied Mathematics 3815A/B, **Calculus 2302A/B,** Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Medical Biophysics 3820B, any courses not yet taken numbered 2900 or higher in Physics), **the former Calculus 2502A/B**.
1.0 course from: Medical Biophysics 4445A/B (but only if Medical Biophysics 3503G was not taken to satisfy a requirement above), Medical Biophysics 4330A, Medical Biophysics 4467B, Medical Biophysics 4501A, Physics 4672A/B.
1.0 course from: Any course not yet taken from either of the two lists above.

Students must also complete Physics 2950Y, and Physics 3950Y (non-credit seminar courses).

Note: The above courses may have prerequisites that are not included in the module.

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN MEDICAL PHYSICS

Admission Requirements

Completion of first-year requirements including the following 2.0 courses, each with a mark of at least 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 70% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

Students must complete Mathematics 1700A/B or Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B with a minimum mark of 55% by the end of Term 1 in Year 2.

Module
6.0 courses:

~~0.5 course from: Calculus 2302A/B, Calculus 2502A/B (preferred).~~
0.5 course from: Calculus 2303A/B, **Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former** Calculus 2503A/B ~~(preferred)~~.
1.0 course from: Physics 2101A/B**, (Physics 2104A/B or the former** Physics 2102A/B**)**.
1.5 courses: Physics 2110A/B, Physics 2910F/G, Physics 3926F/G.
1.0 course from: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B.
~~0.5~~ **1.0 course from**: any Physics or Astronomy course numbered 3000 or above**, Applied Mathematics 2402A/B, Calculus 2302A/B, Numerical and Mathematical Methods 2270A/B, the former Calculus 2502A/B**.
1.0 course from: Physics 4662A/B, Physics 4672A/B or any Medical Biophysics course numbered 3000 or above.

Students must also complete Physics 2950Y, Physics 3950Y (non-credit seminar courses).

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN PHYSICS

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.5 principal courses, with no mark in these principal courses below 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 85% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

0.5 course from: Mathematics 1700A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, the former Applied Mathematics 1411A/B.

0.5 additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Chemistry 1302A/B, Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1000A/B or ~~the former~~ Statistical Science**s** 1024A/B.

0.5 additional course.

Module
10.0 courses:

~~1.0 course: Calculus 2502A/B, Calculus 2503A/B.~~
0.5 course from: Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former Calculus 2503A/B.
~~1.0~~ **0.5 course from:** Applied Mathematics 2402A/B ~~(or the former Differential Equations 2402A), Applied Mathematics 3815A/B~~**, Numerical and Mathematical Methods 2270A/B**.
0.5 course from: Applied Mathematics 3815A/B, Numerical and Mathematical Methods 3415A/B.
0.5 course from: Applied Mathematics 3811A/B, Mathematics 2700A/B, Statistical Sciences 2857A/B, the former Calculus 2502A/B.
1.0 course: Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B).

1.0 course: Physics 2110A/B, Physics 2910F/G (or the former Physics 2900E).
3.0 courses: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B, Physics 3900F/G/Z, Physics 3926F/G.
1.0 course: Physics 4251A/B, Physics 4351A/B.
1.5 courses from: any Physics or Astronomy course not yet taken numbered 2100 or above, Chemistry 4424A/B.
0.5 course from: any Physics or Astronomy course not already taken at the 4000 level or above.

Students must also complete Physics 2950Y, Physics 3950Y, Physics 4950Y (non-credit seminar courses).

Program Revision – Effective September 1, 2026, the following changes be made:

SPECIALIZATION IN PHYSICS

Admission Requirements

Completion of first-year requirements including the following 3.5 courses, each with a mark of at least 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 70% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

0.5 course from: Mathematics 1700A/B, Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B, the former Applied Mathematics 1411A/B.

0.5 additional course from the Faculty of Science. It is highly recommended that students complete one of the following: Chemistry 1301A/B, Chemistry 1302A/B, Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1000A/B or ~~the former~~ Statistical Sciences 1024A/B.

0.5 additional course.

Module
10.0 courses:

~~0.5 course from: Calculus 2502A/B (preferred), Calculus 2302A/B.~~
0.5 course from: **Calculus 2303A/B, Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former** Calculus 2503A/B ~~(preferred), Calculus 2303A/B~~.
~~1.0~~ **0.5 course from:** Applied Mathematics 2402A/B ~~(or the former Differential Equations 2402A), Applied Mathematics 3815A/B~~**, Numerical and Mathematical Methods 2270A/B**.
0.5 course from: Applied Mathematics 3815A/B, Numerical and Mathematical Methods 3415A/B.
0.5 course from: Applied Mathematics 3811A/B, Mathematics 2700A/B, Statistical Sciences 2857A/B, the former Calculus 2502A/B.
1.0 course: Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B).
1.0 course: Physics 2110A/B, Physics 2910F/G (or the former Physics 2900E),

3.0 courses: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B, Physics 3900F/G/Z, Physics 3926F/G.
1.0 course: Physics 4251A/B, Physics 4351A/B.
1.5 courses from: Any courses not yet taken numbered 2100 or higher in Physics and Astronomy, Chemistry 4424A/B.
0.5 course from: any Physics or Astronomy course not already taken at the 4000-level or above.

Students must also complete Physics 2950Y, Physics 3950Y, Physics 4950Y (non-credit seminar courses).

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN PHYSICS

Admission Requirements

Completion of first-year requirements including the following courses, each with a mark of at least 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course from: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 70% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

1.0 additional course, at least 0.5 of which must be from the Faculty of Science.

Students must complete Mathematics 1700A/B or Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B with a minimum mark of 55% by the end of Term 1 in Year 2.

Module
6.0 courses:

~~1.0 course: Calculus 2502A/B (preferred) or Calculus 2302A/B or Numerical and Mathematical Methods 2276A/B or Numerical and Mathematical Methods 2277A/B, Calculus 2503A/B (preferred) or Calculus 2303A/B or Numerical and Mathematical Methods 3415A/B.~~
0.5 course from: Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B.
0.5 course from: Applied Mathematics 2402A/B**,** ~~(or the former Differential Equations 2402A) or~~ Numerical and Mathematical Methods 2270A/B.
1.0 course: Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B).
1.0 course: Physics 2110A/B and Physics 2910F/G (or the former Physics 2900E).
0.5 course from: Physics 3900F/G/Z, Physics 3926F/G
2.0 courses from: Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B**, Physics 4251A/B, Physics 4351A/B**.
0.5 course from: any Physics course not already taken at the 3000 level or above, Calculus 2302A/B, the former Calculus 2502A/B.

Students must also complete Physics 2950Y, Physics 3950Y (non-credit seminar courses).

Note: The above courses may have prerequisites not included in the module.

Program Revision – Effective September 1, 2026, the following changes be made:

MINOR IN PHYSICS

Admission Requirements

Completion of first-year requirements including the following courses, each with a mark of at least 60%:

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B, the former Physics 1301A/B or 80% in the former Physics 1028A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, the former Physics 1302A/B or 80% in the former Physics 1029A/B).

1.0 course **from**: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B) and (Calculus 1501A/B (recommended) or Calculus 1301A/B with a minimum mark of 70% or Numerical and Mathematical Methods 1414A/B); or the former Applied Mathematics 1413 or the former Applied Mathematics 1412A/B and the former Applied Mathematics 1414A/B.

1.0 additional course, at least 0.5 of which must be from the Faculty of Science.

Students must complete Mathematics 1700A/B or Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B with a minimum mark of 55% by the end of Term 1 in Year 2.

Module
4.0 courses:

~~1.0 course from: Calculus 2302A/B, Calculus 2303A/B, Calculus 2502A/B, Calculus 2503A/B.~~
0.5 course from: Calculus 2303A/B, Mathematics 2500A/B, the former Calculus 2503A/B.
1.0 course: Physics 2101A/B, (Physics 2104A/B or the former Physics 2102A/B).
1.0 course: Physics 2110A/B and Physics 2910F/G (or the former Physics 2900E).
~~1.0~~ **1.5 courses** from: any Physics or Astronomy course not yet taken numbered 2100 or above**, Applied Mathematics 2402A/B, Calculus 2302A/B, Numerical and Mathematical Methods 2270A/B, the former Calculus 2502A/B**.

Students must also complete Physics 2950Y (non-credit seminar course).

Program Revision – Effective September 1, 2026, the following changes be made:

MAJOR IN SCIENTIFIC COMPUTING AND NUMERICAL METHODS

Admission Requirements

Completion of first-year requirements including the following courses, each with a mark of at least 60%:

1.0 course from: (Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B or the former Applied Mathematics 1412A/B) and (Calculus 1301A/B, Calculus 1501A/B (recommended), Numerical and Mathematical Methods 1414A/B or the former Applied Mathematics 1414A/B); or the former Applied Mathematics 1413.
1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B or the former Physics 1301A/B) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B or the former Physics 1302A/B).
1.0 course from: Computer Science 1025A/B or Computer Science 1026A/B and Computer Science 1027A/B.

Students must complete Mathematics 1700A/B or Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B with a minimum mark of 55% by the end of Term 1 in Year 2.

Module
6.0 courses:

0.5 course: Applied Mathematics 2814~~F/G~~**A/B**.
~~0.5 course from: Calculus 2302A/B, Calculus 2502A/B.~~
0.5 course from: Calculus 2303A/B, **Mathematics 2500A/B, Numerical and Mathematical Methods 2276A/B, Numerical and Mathematical Methods 2277A/B, the former** Calculus 2503A/B.
0.5 course from: Applied Mathematics 2402A/B**, Numerical and Mathematical Methods 2270A/B**.
0.5 course from: Physics 3926F/G, the former Applied Mathematics 3911F/G.
0.5 course from: Applied Mathematics 3815A/B, Numerical and Mathematical Methods 3415A/B, Physics 3151A/B, the former Applied Mathematics 3413A/B, the former Applied Mathematics 3415A/B.
1.0 course from: EITHER Statistical Sciences 2141A/B and 0.5 course at the 2100 level or above in Applied Mathematics, Mathematics, Numerical and Mathematical Methods, Physics or Statistical and Actuarial Science, OR Statistical Sciences 2857A/B and Statistical Sciences 2858A/B.
1.0 course: Computer Science 2210A/B, Computer Science 2211A/B.
~~1.0~~ **1.5 courses** from: Applied Mathematics 4264A/B, Applied Mathematics 4615F/G*, Applied Mathematics 4815A/B, **Calculus 2302A/B,** Chemistry 3300A/B***, Chemistry 4424A/B, Numerical and Mathematical Methods

4613A/B**, Numerical and Mathematical Methods 4617A/B, Numerical and Mathematical Methods 4817A/B*, Physics 2300A/B, Physics 4910F/G****, the former Applied Mathematics 4613A/B, the former Applied Mathematics 4617A/B, the former Applied Mathematics 4817A/B, **the former Calculus 2502A/B,** the former Chemistry 4444A/B.

* May be offered only in odd-numbered academic years.
**May be offered only in even-numbered academic years.
*** Only possible for students who have the appropriate Chemistry prerequisites.
**** Only possible for students who have the appropriate Physics prerequisites.

DEPARTMENT OF STATISTICAL AND ACTUARIAL SCIENCES

Course Revision – Effective September 1, 2026, the following change(s) be made:

ACTUARIAL SCIENCE 2053
MATHEMATICS FOR FINANCIAL ANALYSIS

Course Description
Simple and compound interest, annuities, amortization, sinking funds, bonds, bond duration, depreciation, capital budgeting, probability, mortality tables, life annuities, life insurance, net premiums and expenses. Cannot be taken for credit in any module in Statistics or Actuarial Science, Financial Modelling or Statistics, other than the minor in Applied Financial Modeling.

Antirequisite(s): Actuarial Science 2553A/B.

Prerequisite(s): 1.0 course or two 0.5 courses at the 1000 level or higher from Applied Mathematics, Calculus, ~~or~~ Mathematics**, or Numerical and Mathematical Methods**.

Extra Information: 3 lecture hours.
Course Weight: 1.00

Administrative Note: Actuarial Science 2053 is also offered at King's University College. The proposed revisions will apply only to the offering at Main campus.

Course Revision – Effective September 1, 2026, the following change(s) be made:

ACTUARIAL SCIENCE 2427A/B
LONG TERM ACTUARIAL MATHEMATICS I

Course Description
Models for the time until death, single life annuity and life insurance present values and their probability distributions; introduction to equivalence principle and premium calculations.

Prerequisite(s): A minimum mark of 60% in each of Actuarial Science 2553A/B, either Calculus 2402A/B or **the former** Calculus 2502A/B, and Statistical Sciences 2857A/B. ~~Restricted to students enrolled in any Actuarial Science module.~~

Extra Information: 3 lecture hours, 1 tutorial hour.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

DATA SCIENCE 1000A/B
DATA SCIENCE CONCEPTS

Course Description
Students will learn how to visualize and analyze continuous and categorical data from various domains, using modern data science tools. Concepts of distributions, sampling, estimation, confidence intervals, experimental design, inference, correlation will be introduced in a practical, data-driven way.

Antirequisite(s): Statistical Sciences 1023A/B, **Statistical Sciences 1024A/B,** Statistical Sciences 2037A/B, Statistical Sciences 2857A/B~~, the former Statistical Sciences 1024A/B~~.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 0109A/B, Mathematics 0110A/B, Mathematics 1229A/B, or equivalent.

Extra Information: 3 lecture hours/week, 1 laboratory hour/week.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

DATA SCIENCE 2000A/B
INTRODUCTION TO DATA SCIENCE

Course Description
Covers three basic concepts of data science together with the corresponding techniques: Sampling to estimate properties of a population (Bootstrap), random assignment and experiments to make causal inferences (randomization test), and model selection to enable good predictions (cross-validation). Emphasizes practical data handling and programming skills in Python.

Antirequisite(s): **The former** Integrated Science 2002B.

Prerequisite(s): 1.0 course~~s~~ from Mathematics, Calculus, **Numerical and Mathematical Methods,** or Applied Mathematics (numbered 1000 and higher) with a minimum mark of 60%. Data Science 1000A/B (with a minimum grade of 60%) can be used to meet 0.5 of the 1.0 mathematics course requirements.

Extra Information: 2 lecture hours/week, 2 laboratory hours/week.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

FINANCIAL MODELLING 3613A/B
MATHEMATICS OF FINANCIAL OPTIONS

Course Description
An introduction to modern financial mathematics using a differential equations approach. Stochastic differential equations and their related partial differential equations. The Fokker-Planck and Kolmogorov PDEs. No-arbitrage pricing, the Black-Scholes equation and its solutions. American options. Exotic options.

Prerequisite(s): Applied Mathematics 2402A/B ~~or the former Differential Equations 2402A;~~ or Statistical Sciences 2503A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 1023A/B
STATISTICAL CONCEPTS

Course Description
An examination of statistical issues aiming towards statistical literacy and appropriate interpretation of statistical information. Common misconceptions will be targeted. Assessment of the validity and treatment of results in popular and scientific media. Conceptual consideration of study design, numerical and graphical data summaries, probability, sampling variability, confidence intervals and hypothesis tests.

Antirequisite(s): **Biology 2244A/B,** Data Science 1000A/B, **Statistical Sciences 1024A/B,** Statistical Sciences 2244A/B, ~~Biology 2244A/B,~~ Statistical Sciences 2037A/B.

Extra Information: Offered in two formats: 3 lecture hours, or weekly online lectures and 2 in-class lab hours.
Course Weight: 0.50

Administrative Note: Statistical Sciences 1023A/B is also offered at King's University College. The proposed revisions will apply only to the offering at Main campus.

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 2037A/B
STATISTICS FOR HEALTH

Course Description
An examination of statistical issues aiming towards statistical literacy and appropriate interpretation of statistical information. Common misconceptions will be targeted. Assessment of the validity and treatment of results in popular and scientific media. Conceptual consideration of study design, numerical and graphical data summaries, probability, sampling variability, confidence intervals and hypothesis tests. Emphasis will be placed on health-related applications.

Antirequisite(s) at Main campus: **Biology 2244A/B,** Data Science 1000A/B, ~~Statistical Sciences 2244A/B, Biology 2244A/B,~~ Statistical Sciences 1023A/B**, Statistical Sciences 1024A/B, Statistical Sciences 2244A/B**. **Antirequisite(s) at** Huron: All other courses or half courses in Introductory Statistics.

Extra Information: Offered in two formats: 3 lecture hours, or weekly online lectures and 2 in-class lab hours (Main); 3 lecture hours (Huron). Note at Main campus: Cannot be taken for credit by students registered in the Faculty of Science and Schulich School of Medicine and Dentistry with the exception of students in Food and Nutrition.
Course Weight: 0.50

Administrative Note: Statistical Sciences 2037A/B is also offered at Huron University College. The proposed revisions will apply only to the offering at Main campus.

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 2141A/B
APPLIED PROBABILITY AND STATISTICS FOR ENGINEERS

Course Description
An introduction to statistics with emphasis on the applied probability models used in Electrical and Civil Engineering and elsewhere. Topics covered include samples, probability, probability distributions, estimation (including comparison of means), correlation and regression.

Antirequisite(s): All other courses in Introductory Statistics (except **Data Science 1000A/B,** Statistical Sciences 1023A/B~~, Data Science 1000A/B~~ or ~~the former~~ Statistical Sciences 1024A/B): Biology 2244A/B, Economics 2122A/B, Economics 2222A/B, Geography and Environment 2210A/B, Health Sciences 3801A/B, MOS 2242A/B, Psychology 2811A/B or the former Psychology 2810, Psychology 2801F/G or the former Psychology 2820E, Psychology 2830A/B, Psychology 2850A/B, Psychology 2851A/B, ~~Social Work 2207A/B,~~ Sociology 2205A/B, Statistical Sciences 2035, Statistical Sciences 2143A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B**, the former Social Work 2207A/B**.

Prerequisite(s): 0.5 course from ~~Numerical and Mathematical Methods 1412A/B,~~ Calculus 1000A/B, Calculus 1500A/B, **Numerical and Mathematical Methods 1412A/B,** the former Applied Mathematics 1412A/B, plus 0.5 course from ~~Numerical and Mathematical Methods 1414A/B,~~ Calculus 1301A/B, Calculus 1501A/B, **Numerical and Mathematical Methods 1414A/B,** the former Applied Mathematics 1414A/B. The former Applied Mathematics 1413 may also be used to meet this 1.0 course prerequisite.

Extra Information: 3 lecture hours, 1 tutorial hour. This course cannot be taken for credit in any module in Data Science, Statistics, Actuarial Science, or Financial Modelling, other than the Minor in Applied Statistics, the Minor in Applied Financial Modelling, the Minor in Data Science, or the Certificate in Data Science.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 2244A/B
STATISTICS FOR SCIENCE

Course Description
An introductory course in the application of statistical methods, intended for students in departments other than Statistical and Actuarial Sciences, Applied Mathematics, Mathematics, or students in the Faculty of Engineering. Topics include sampling, confidence intervals, analysis of variance, regression and correlation.

Antirequisite(s): All other courses in Introductory Statistics (except **Data Science 1000A/B,** Statistical Sciences 1023A/B, **Statistical Sciences 1024A/B,** Statistical Sciences 2037A/B~~, Data Science 1000A/B or the former Statistical Sciences 1024A/B~~): Biology 2244A/B, Economics 2122A/B, Economics 2222A/B, Geography 2210A/B, Health Sciences 3801A/B, MOS 2242A/B, Psychology 2811A/B or the former Psychology 2810, Psychology 2801F/G or the former Psychology 2820E, Psychology 2830A/B, Psychology 2850A/B, Psychology 2851A/B, ~~Social Work 2207A/B,~~ Sociology 2205A/B, Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2143A/B, Statistical Sciences 2858A/B**, the former Social Work 2207A/B**.

Prerequisite(s): 1.0 Mathematics course or equivalent numbered 1000 or above. Data Science 1000A/B or ~~the former Statistical Sciences 1024A/B or~~ Integrated Science 1001X **or Statistical Sciences 1024A/B** can be used to meet 0.5 of the 1.0 mathematics course requirement.

Extra Information: 2 lecture hours, 3 lab hours. This course cannot be taken for credit in any module in Data Science, Statistics, Actuarial Science, or Financial Modelling other than the Minor in Applied Statistics, the Minor in Data Science, or the Certificate in Data Science.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 2503A/B
ADVANCED MATHEMATICS FOR STATISTICAL APPLICATIONS

Course Description
Modeling deterministic systems with differential equations: first and second order ODEs, systems of linear differential equations. Laplace transforms and moment generating functions. Modeling stochastic systems with Markov chains: discrete and continuous time chains, Chapman-Kolmogorov equations, ergodic theorems.

Antirequisite(s): The former Applied Mathematics 2503A/B.

Prerequisite(s): Calculus 2402A/B or (**the former** Calculus 2502A/B and **the former** Calculus 2503A/B) or (**the former** Calculus 2502A/B and the former Mathematics 2123A/B), Mathematics 1600A/B or Mathematics 1700A/B (or the former Linear Algebra 1600A/B) **or Numerical and Mathematical Methods 1411A/B (**or the former Applied Mathematics 1411A/B**)**, Statistical Sciences 2857A/B or Economics 2122A/B. In each course a minimum mark of 60% is required.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 2857A/B
PROBABILITY AND STATISTICS I

Course Description
Probability axioms, conditional probability, Bayes' theorem. Random variables motivated by real data and examples. Parametric univariate models as data reduction and description strategies. Multivariate distributions, expectation and variance. Likelihood function will be defined and exploited as a means of estimating parameters in certain simple situations.

Prerequisite(s): 0.5 course from Calculus 1000A/B, Calculus 1500A/B, **Numerical and Mathematical Methods 1412A/B (or the former** Applied Mathematics 1412A/B**)**, each with a minimum mark of 60%, plus 0.5 course from Calculus 1301A/B (minimum mark 85%), Calculus 1501A/B (minimum mark 60%), **Numerical and Mathematical Methods 1414A/B (or the former** Applied Mathematics 1414A/B**)** (minimum mark 60%). The former Applied Mathematics 1413 with a minimum mark of 60% may also be used to meet this 1.0 course prerequisite.

Extra Information: 3 lecture hours, 1 tutorial hour.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 2864A/B
STATISTICAL PROGRAMMING

Course Description
An introduction to programming using a high level language (currently R).

Prerequisite(s): A minimum mark of 60% in Statistical Sciences 2857A/B or a minimum mark of 70% in one of **Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2812A/B,** Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2143A/B, Statistical Sciences 2244A/B~~, Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2812A/B~~ or the former Psychology 2810~~; and enrollment in a module offered by the departments of Applied Mathematics; Mathematics; and Statistical and Actuarial Sciences~~.
Pre-or Corequisite(s): Statistical Sciences 2858A/B for those using Statistical Sciences 2857A**/B** to meet the prerequisites.

Extra Information: 3 lecture hours, 1 tutorial hour.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 3843A/B
INTRODUCTION TO STUDY DESIGN

Course Description
A case study approach to how data are collected in science, social science and medicine, including the methods of designed experiments, sample surveys, observational studies and administrative records.

Prerequisite(s): A minimum mark of 60% in Statistical Sciences 2858A/B or a minimum mark of 70% in one of **Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2812A/B,** Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2143A/B, Statistical Sciences 2244A/B~~, Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2812A/B~~ or the former Psychology 2810~~; and enrollment in a module offered by the departments of Applied Mathematics; Mathematics; and Statistical and Actuarial Sciences~~.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

STATISTICAL SCIENCES 3869A/B
APPLIED LINEAR MODELS

Course Description
Applied linear modelling emphasizing data analysis using software including statistical inference review, visualization, multiple regression, logistic regression, and extensions. Core topics include assumptions, estimation, confidence/prediction intervals, hypothesis testing, diagnostics, indicator variables, cross validation, prediction, model building and model assessment. Other topics may include random effects or smoothing methods.

Antirequisite(s): Statistical Sciences 3859A/B, Statistical Sciences 3860A/B.

Prerequisite(s): A minimum mark of 60% in Statistical Sciences 2858A/B or a minimum mark of 70% in one of **Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2812A/B,** Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2143A/B, Statistical Sciences 2244A/B, ~~Biology 2244A/B, Economics 2222A/B, MOS 2242A/B, Psychology 2812A/B~~ or the former Psychology 2810. Enrollment in a module offered by either the Department of Statistical and Actuarial Sciences~~,~~ **or** Mathematics ~~or Applied Mathematics~~. **Pre-or Corequisite(s):** Statistical Sciences 2864A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Program Revision – Effective September 1, 2026, the following changes be made:

CERTIFICATE IN DATA SCIENCE

Admission Requirements

Completion of the first-year requirements of any Major or Honours Specialization module, including 1.0 course~~s~~ from Mathematics, Calculus, or Applied Mathematics at the 1000-level (with a minimum grade of 60%). Data Science 1000A/B or ~~the former~~ Statistical Sciences 1024A/B (either with a minimum grade of 60%) can be used to fulfil 0.5 of these requirements. The Certificate cannot be combined with ~~a Minor, Major, Specialization, or Honours Specialization~~ **any degree** in Statistics, Actuarial Science, Computer Science, ~~or~~ Data Science**, Software Engineering, Electrical Engineering, Mechatronic Systems Engineering, or Artificial Intelligence Systems Engineering**.

Program
3.0 courses:

0.5 course from the Introductory Statistics Course List.
0.5 or 1.0 course from: Data Science 2000A/B, Data Science 2100A.
0.5 course: Data Science 3000A/B (or former Computer Science 4414A/B, the former Statistical Sciences 3850F/G, the former Software Engineering 4460A/B).
1.0 or 1.5 courses from: Computer Science 3120A/B, Computer Science 3121A/B, Computer Science 4417A/B, Statistical Sciences 2864A/B, Statistical Sciences 3869A/B, Statistical Sciences 4861A/B, Psychology 3801F/G, one of (**Geography and Environment 4211A/B or the former** Geography and Environment 3211A/B or **Geography and Environment 4221A/B or the former** Geography and Environment 3226A/B), or equivalent courses subject to the approval of the Department.

INTEGRATED SCIENCE PROGRAM

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INTEGRATED SCIENCE WITH BIOLOGY

The Western Integrated Science (WISc) program is a first-entry, four-year program administered jointly by the Faculty of Science and individual Science Departments. The program is designed to provide students who have a passion for science with the diverse professional and technical skills necessary to address today's interdisciplinary scientific problems WISc combines unique Integrated Science courses and experiences together with discipline-specific courses. At the end of Year 1, WISc students will select a subject-specifc Integrated Science Honours Specialization module in which to enroll starting in Year 2. Students who complete the program will graduate with an "Honours Specialization in Integrated Science with (specific discipline)."

Admission to Year 1 of WISc is limited and open only to students who apply to Western through the ES stream on the Ontario Universities' Application Centre. A supplemental application is required. Please see the program website for further details.

Admission Requirements

Completion of first year requirements with no failures. Students must complete the following principal courses with an average of at least 70%, with no individual course mark below 60%:

0.5 course from: Calculus 1000A/B, Calculus 1500A/B;
0.5 course: Chemistry 1301A/B;
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1301A/B;
0.5 course: Biology 1001A;
2.0 course: Integrated Science 1001X.

Students must also successfully complete Integrated Science 1002Y (non-credit, pass/fail course).

Module

12.5 courses

1.5 courses: Integrated Science 2001F/G**, Integrated Science 3002A/B***, Integrated Science 4001Y****.
1.5 course: Integrated Science 4999E****.
0.5 course from: Computer Science 2034A/B, Computer Science 2035A/B, Computer Science 2120A/B (recommended).
0.5 course** from: Philosophy 2032F/G, Philosophy 2033A/B, Philosophy

2035F/G, Philosophy 2037F/G, Philosophy 2078F/G, Philosophy 2082F/G, Philosophy 2242F/G, Philosophy 2251F/G, Philosophy 2300F/G, Philosophy 2310F/G, Philosophy 2350F/G, Philosophy 2355F/G, Philosophy 2356F/G, Philosophy 2370F/G, the former Philosophy 2320F/G.
0.5 course from: Science 3377A/B, Business Administration 1220E*****, Business Administration 2257*****, Business Administration 2295F/G.
0.5 course: Biochemistry 2280A.
2.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2483A/B, Biology 2581A/B, Biology 2601A/B.
0.5 course: Chemistry 2213A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
4.0 additional courses at the 3000 level or above, chosen from the Department of Biology**, Earth Sciences 3369A/B,** and the Basic Medical Sciences disciplines*, of which at least 3.0 courses must be chosen from the Department of Biology. At least 1.5 of these 4.0 courses must have a laboratory component.

*Basic Medical Sciences Disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Biophysics, Microbiology and Immunology, Pathology, Physiology, and Pharmacology. **Courses in History of Science are not included.**

Notes:
** indicates courses taken in Second Year of Program
*** indicates courses taken in Third Year of Program
**** indicates courses taken in Fourth Year of Program
***** The module will consist of 13.0 courses if either Business Administration 1220E or Business Administration 2257 is taken. Business Administration 1220E cannot be used towards both First Year Requirements and modular requirements.

Progression Requirements

For progression into 4th year of the program, students must maintain an overall average of 70% with no mark less than 60% in any course required in the module. Students who do not meet the progression requirements, or chose not to continue in the program, may be able to continue their studies in a traditional module. Students should consult an academic advisor in the Department that administers their chosen module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INTEGRATED SCIENCE WITH SYNTHETIC BIOLOGY

The Western Integrated Science (WISc) program is a first-entry, four-year program administered jointly by the Faculty of Science and individual Science Departments. The program is designed to provide students who have a passion for science with the diverse professional and technical skills necessary to address today's interdisciplinary scientific problems. WISc combines unique Integrated Science courses and experiences together with discipline-specific courses. At the end of Year 1, WISc students will select a subject-specific Integrated Science Honours Specialization module in which to enroll starting in Year 2. Students who complete the program will graduate with an "Honours Specialization in Integrated Science with (specific discipline)."

Admission to Year 1 of WISc is limited and open only to students who apply to Western through the ES stream on the Ontario Universities' Application Centre. A supplemental application is required. Please see the program website for further details.

Admission Requirements

Completion of first year requirements with no failures. Students must complete the following principal courses with an average of at least 70%, with no individual course mark below 60%:

0.5 course from: Calculus 1000A/B, Calculus 1500A/B;
0.5 course: Chemistry 1301A/B;
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1301A/B;
0.5 course: Biology 1001A;
2.0 course: Integrated Science 1001X.

Students must also successfully complete Integrated Science 1002Y (non-credit, pass/fail course).

Module
12.5 courses:

1.5 courses: Integrated Science 2001F/G**, Integrated Science 3002A/B***, Integrated Science 4001Y****.
1.5 course: Integrated Science 4999E****.
0.5 course from: Computer Science 2034A/B, Computer Science 2035A/B, Computer Science 2120A/B (recommended).
0.5 course from: Philosophy 2032F/G, Philosophy 2033A/B, Philosophy

2035F/G, Philosophy 2037F/G, Philosophy 2078F/G, Philosophy 2082F/G, Philosophy 2242F/G, Philosophy 2251F/G, Philosophy 2300F/G, Philosophy 2310F/G, Philosophy 2350F/G, Philosophy 2355F/G, Philosophy 2356F/G, Philosophy 2370F/G, the former Philosophy 2320F/G.
0.5 course**: Biochemistry 2280A with a mark of at least 65%.
1.0 course**: Biology 2290F/G, Biology 2581A/B, with a mark of at least 70% in each.
0.5 course**: Biology 2382A/B.
0.5 course** from: Biology 2244A/B, Statistical Sciences 2244A/B.
0.5 course** from: Chemistry 2213A/B, Chemistry 2273A.
0.5 course** from: Chemistry 2223B, Chemistry 2283G.
1.5 courses**: Biochemistry 3381A, Biochemistry 3382A, Biochemistry 3392F/G.
0.5 course** from: Biochemistry 3380G, Biochemistry 3390B.
1.0 course**: Biology 3593A/B, Biology 3596F/G***.
0.5 course: Science 3377A/B*****.
0.5 course from: Business Administration 1220E*, Business Administration 2257*, Business Administration 2295F/G.
0.5 course: Biology 4260A/B.
0.5 course: Biochemistry 4415B.

Notes:

* The module will consist of 13.0 courses if either Business Administration 1220E or Business Administration 2257 is taken. Business Administration 1220E cannot be used towards both First Year Requirements and modular requirements.
** indicates courses taken in Second Year of Program
*** indicates courses taken in Third Year of Program
***** indicates courses taken in Fourth Year of Program

Progression Requirements

For progression into 4th year of the program, students must maintain an overall average of 70% with no mark less than 60% in any course required in the module. Students who do not meet the progression requirements, or chose not to continue in the program, may be able to continue their studies in a traditional module. Students should consult an academic advisor in the Department that administers their chosen module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INTEGRATED SCIENCE WITH CHEMISTRY

The Western Integrated Science (WISc) program is a first-entry, four-year program administered jointly by the Faculty of Science and individual Science Departments. The program is designed to provide students who have a passion for science with the diverse professional and technical skills necessary to address today's interdisciplinary scientific problems. WISc combines unique Integrated Science courses and experiences together with discipline-specific courses. At the end of Year 1, WISc students will select a subject-specifc Integrated Science Honours Specialization module in which to enroll starting in Year 2. Students who complete the program will graduate with an "Honours Specialization in Integrated Science with (specific discipline)."

Admission to Year 1 of WISc is limited and open only to students who apply to Western through the ES stream on the Ontario Universities' Application Centre. A supplemental application is required. Please see the program website for further details.

Admission Requirements

Completion of first year requirements with no failures. Students must complete the following principal courses with an average of at least 70%, with no individual course mark below 60%:

0.5 course from: Calculus 1000A/B, Calculus 1500A/B;
0.5 course: Chemistry 1301A/B;
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1301A/B;
2.0 course: Integrated Science 1001X.
Students must also successfully complete Integrated Science 1002Y (non-credit, pass/fail course).

Module

12.5 courses:

1.5 courses: Integrated Science 2001F/G*, Integrated Science 3002A/B**, Integrated Science 4001Y***.
1.5 course: Integrated Science 4999E***.
0.5 course from: Computer Science 2034A/B, Computer Science 2035A/B, Computer Science 2120A/B (recommended).
0.5 course* from: Philosophy 2032F/G, Philosophy 2033A/B, Philosophy 2035F/G, Philosophy 2037F/G, Philosophy 2078F/G, Philosophy 2082F/G, Philosophy 2242F/G, Philosophy 2251F/G, Philosophy 2300F/G, Philosophy 2310F/G, Philosophy 2350F/G, Philosophy 2355F/G, Philosophy 2356F/G,

Philosophy 2370F/G, the former Philosophy 2320F/G.
0.5 course from: Science 3377A/B, Business Administration 1220E****, Business Administration 2257****, Business Administration 2295F/G.
4.0 courses*: Chemistry 2271A*, Chemistry 2272F*, Chemistry 2273A*, Chemistry 2274A* (or the former Chemistry 2374A), Chemistry 2281G*, Chemistry 2283G*, Chemistry 2284B* (or the former Chemistry 2384B), Chemistry 2370A/B** (or the former Chemistry 3370A/B).
1.5 courses** from: Chemistry 3320A/B, Chemistry 3371F, Chemistry 3372F/G, Chemistry 3373F.
0.5 course from: Biochemistry 2280A, Chemistry 3391A/B, Chemistry 4493A/B.
2.0 courses from: Chemistry courses not already taken at the 3000 level or above (at least 1.0 of which must be at the 4000 level, or at least 0.5 course at the 4000 level if Chemistry 4493A/B is chosen from the list above).

Notes:
* indicates courses taken in Second Year of Program
** indicates courses taken in Third Year of Program
*** indicates courses taken in Fourth Year of Program
**** The module will consist of 13.0 courses if either Business Administration 1220E or Business Administration 2257 is taken. Business Administration 1220E cannot be used towards both First Year Requirements and modular requirements.

Progression Requirements

For progression into 4th year of the program, students must maintain an overall average of 70% with no mark less than 60% in any course required in the module. Students who do not meet the progression requirements, or chose not to continue in the program, may be able to continue their studies in a traditional module. Students should consult an academic advisor in the Department that administers their chosen module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INTEGRATED SCIENCE WITH MATHEMATICAL AND STATISTICAL SCIENCES

The Western Integrated Science (WISc) program is a first-entry, four-year program administered jointly by the Faculty of Science and individual Science Departments. The program is designed to provide students who have a passion for science with the diverse professional and technical skills necessary to address today's interdisciplinary scientific problems. WISc combines unique Integrated Science courses and experiences together with discipline-specific courses. At the end of Year 1, WISc students will select a subject-specifc Integrated Science Honours Specialization module in which to enroll starting in Year 2. Students who complete the program will graduate with an "Honours Specialization in Integrated Science with (specific discipline)."

Admission to Year 1 of WISc is limited and open only to students who apply to Western through the ES stream on the Ontario Universities' Application Centre. A supplemental application is required. Please see the program website for further details.

Admission Requirements

Completion of first year requirements with no failures. Students must complete the following principal courses with an average of at least 70%, with no individual course mark below 60%:

2.0 course: Integrated Science 1001X;
0.5 course from: Calculus 1000A/B, Calculus 1500A/B;
0.5 course: Chemistry 1301A/B;
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1301A/B~~;~~**.**
~~0.5 course from: Mathematics 1600A/B, Mathematics 1700A/B (preferred).~~

Students must also successfully complete Integrated Science 1002Y (non-credit, pass/fail course).

One of Mathematics 1600A/B, Mathematics 1700A/B or Numerical and Mathematical Methods 1411A/B must be completed, with a minimum grade of 60%, by the end of the Fall semester in Year 2 in order not to delay normal progression in the module.

Module
12.5 courses:

1.5 courses: Integrated Science 2001F/G*, Integrated Science 3002A/B**, Integrated Science 4001Y***.

1.5 course: Integrated Science 4999E***.
0.5 course from: Computer Science 2034A/B, Computer Science 2035A/B, Computer Science 2120A/B (recommended).
0.5 course* from: Philosophy 2032F/G, Philosophy 2033A/B, Philosophy 2035F/G, Philosophy 2037F/G, Philosophy 2078F/G, Philosophy 2082F/G, Philosophy 2242F/G, Philosophy 2251F/G, Philosophy 2300F/G, Philosophy 2310F/G, Philosophy 2350F/G, Philosophy 2355F/G, Philosophy 2356F/G, Philosophy 2370F/G, the former Philosophy 2320F/G.
0.5 course from: Science 3377A/B, Business Administration 1220E****, Business Administration 2257****, Business Administration 2295F/G.
0.5 course from: Mathematics 2700A/B, the former Mathematics 2120A/B, the former Applied Mathematics 2811A/B.
~~5.0~~ **4.0 courses**: Applied Mathematics 2402A/B, Applied Mathematics 2814~~F/G~~**A/B**, Applied Mathematics 3815A/B, ~~Calculus 2502A/B, Calculus 2503A/B, Mathematics 2122A/B,~~ Mathematics 2155F/G, **Mathematics 2156A/B,** Mathematics 3020A/B, Statistical Sciences 2857A/B, Statistical Sciences 2858A/B.
0.5 course from: Mathematics 2500A/B, the former Calculus 2503A/B.
0.5 course from: Mathematics 3022A/B, the former Mathematics 2122A/B.
1.0 additional course in Actuarial Science, Financial Modeling or Statistical Sciences at the 2100 level or above.
1.5 additional courses ~~at the 3000 level or above from~~ **in** Actuarial Science, Applied Mathematics, Financial Modelling, Mathematics, or Statistical Sciences **at the 3000 level or above**.

Notes:
* indicates courses taken in Second Year of Program
** indicates courses taken in Third Year of Program
*** indicates courses taken in Fourth Year of Program
**** The module will consist of 13.0 courses if either Business Administration 1220E or Business Administration 2257 is taken. Business Administration 1220E cannot be used towards both First Year Requirements and modular requirements.

Progression Requirements

For progression into 4th year of the program, students must maintain an overall average of 70% with no mark less than 60% in any course required in the module. Students who do not meet the progression requirements, or chose not to continue in the program, may be able to continue their studies in a traditional module. Students should consult an academic advisor in the Department that administers their chosen module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INTEGRATED SCIENCE WITH ASTROPHYSICS

The Western Integrated Science (WISc) program is a first-entry, four-year program administered jointly by the Faculty of Science and individual Science Departments. The program is designed to provide students who have a passion for science with the diverse professional and technical skills necessary to address today's interdisciplinary scientific problems. WISc combines unique Integrated Science courses and experiences together with discipline-specific courses. At the end of Year 1, WISc students will select a subject-specific Integrated Science Honours Specialization module in which to enroll starting in Year 2. Students who complete the program will graduate with an "Honours Specialization in Integrated Science with (specific discipline)."

Admission to Year 1 of WISc is limited and open only to students who apply to Western through the ES stream on the Ontario Universities' Application Centre. A supplemental application is required. Please see the program website for further details.

Admission Requirements

Completion of first year requirements with no failures. Students must complete the following principal courses with an average of at least 70%, with no individual course mark below 60%:

2.0 course: Integrated Science 1001X;
0.5 course from: Calculus 1000A/B, Calculus 1500A/B;
0.5 course: Chemistry 1301A/B;
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1301A/B;
0.5 course* from: Mathematics 1700A/B, Mathematics 1600A/B.

Students must also successfully complete Integrated Science 1002Y (non-credit, pass/fail course).

*Students must complete Mathematics 1700A/B or Mathematics 1600A/B by the end of Term 1 in Year 2.

Module

12.5 courses:

1.5 courses: Integrated Science 2001F/G*, Integrated Science 3002A/B**, Integrated Science 4001Y***.
1.5 course: Integrated Science 4999E***.

0.5 course from: Computer Science 2034A/B, Computer Science 2035A/B, Computer Science 2120A/B, Physics 3926F/G (recommended).
0.5 course* from: Philosophy 2032F/G, Philosophy 2033A/B, Philosophy 2035F/G, Philosophy 2037F/G, Philosophy 2078F/G, Philosophy 2082F/G, Philosophy 2242F/G, Philosophy 2251F/G, Philosophy 2300F/G, Philosophy 2310F/G, Philosophy 2350F/G, Philosophy 2355F/G, Philosophy 2356F/G, Philosophy 2370F/G, the former Philosophy 2320F/G.
0.5 course from: Science 3377A/B, Business Administration 1220E****, Business Administration 2257****, Business Administration 2295F/G.
~~0.5 course from: Calculus 2502A/B (preferred), Calculus 2302A/B.~~
0.5 course from: **Calculus 2303A/B, Mathematics 2500A/B, the former** Calculus 2503A/B~~ (preferred), Calculus 2303A/B~~.
0.5 course: Applied Mathematics 2402A/B.
0.5 course from: Applied Mathematics 3815A/B, Calculus 2302A/B, Physics 3900F/G/Z, Physics 4251A/B, the former Calculus 2502A/B.
4.5 courses: Physics 2101A/B, Physics 2104A/B (or the former Physics 2102A/B), Physics 2110A/B, Physics 2910F/G, Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B, Physics 4351A/B.
1.0 course: Astronomy 2201A/B, Astronomy 2801A/B.
1.0 course from: Astronomy 3302A/B, Astronomy 3303A/B, Astronomy 4101A/B, Astronomy 4602A/B.

Students must also complete Physics 2950Y and Physics 3950Y (non-credit seminar courses).

Notes:

* indicates courses taken in Second Year of Program
** indicates courses taken in Third Year of Program
*** indicates courses taken in Fourth Year of Program
**** The module will consist of 13.0 courses if either Business Administration 1220E or Business Administration 2257 is taken. Business Administration 1220E cannot be used towards both First Year Requirements and modular requirements.

Progression Requirements

For progression into 4th year of the program, students must maintain an overall average of 70% with no mark less than 60% in any course required in the module. Students who do not meet the progression requirements, or chose not to continue in the program, may be able to continue their studies in a traditional module. Students should consult an academic advisor in the Department that administers their chosen module.

Program Revision – Effective September 1, 2026, the following changes be made:

HONOURS SPECIALIZATION IN INTEGRATED SCIENCE WITH PHYSICS

The Western Integrated Science (WISc) program is a first-entry, four-year program administered jointly by the Faculty of Science and individual Science Departments. The program is designed to provide students who have a passion for science with the diverse professional and technical skills necessary to address today's interdisciplinary scientific problems. WISc combines unique Integrated Science courses and experiences together with discipline-specific courses. At the end of Year 1, WISc students will select a subject-specific Integrated Science Honours Specialization module in which to enroll starting in Year 2. Students who complete the program will graduate with an "Honours Specialization in Integrated Science with (specific discipline)."

Admission to Year 1 of WISc is limited and open only to students who apply to Western through the ES stream on the Ontario Universities' Application Centre. A supplemental application is required. Please see the program website for further details.

Admission Requirements

Completion of first year requirements with no failures. Students must complete the following principal courses with an average of at least 70%, with no individual course mark below 60%:

2.0 course: Integrated Science 1001X;
0.5 course from: Calculus 1000A/B, Calculus 1500A/B;
0.5 course: Chemistry 1301A/B;
0.5 course from: Physics 1201A/B, Physics 1501A/B, the former Physics 1301A/B;
0.5 course* from: Mathematics 1700A/B, Mathematics 1600A/B.

Students must also successfully complete Integrated Science 1002Y (non-credit, pass/fail course).

*Students must complete Mathematics 1700A/B or Mathematics 1600A/B by the end of Term 1 in Year 2.

Module

12.5 courses:

1.5 courses: Integrated Science 2001F/G*, Integrated Science 3002A/B**, Integrated Science 4001Y***.
1.5 course: Integrated Science 4999E***.
0.5 course from: Computer Science 2034A/B, Computer Science 2035A/B,

Computer Science 2120A/B, Physics 3926F/G (recommended).
0.5 course* from: Philosophy 2032F/G, Philosophy 2033A/B, Philosophy 2035F/G, Philosophy 2037F/G, Philosophy 2078F/G, Philosophy 2082F/G, Philosophy 2242F/G, Philosophy 2251F/G, Philosophy 2300F/G, Philosophy 2310F/G, Philosophy 2350F/G, Philosophy 2355F/G, Philosophy 2356F/G, Philosophy 2370F/G, the former Philosophy 2320F/G.
0.5 course from: Science 3377A/B, Business Administration 1220E****, Business Administration 2257****, Business Administration 2295F/G.
~~0.5 course from: Calculus 2502A/B (preferred), Calculus 2302A/B.~~
0.5 course from: **Calculus 2303A/B, Mathematics 2500A/B, the former** Calculus 2503A/B ~~(preferred), Calculus 2303A/B~~.
0.5 course: Applied Mathematics 2402A/B.
4.5 courses: Physics 2101A/B, Physics 2104A/B (or the former Physics 2102A/B), Physics 2110A/B, Physics 2910F/G, Physics 3151A/B, Physics 3200A/B, Physics 3300A/B, Physics 3400A/B, Physics 3900F/G/Z.
0.5 course from: any Astronomy course numbered 2100 or above.
~~1.5~~ **2.0 courses** from: Applied Mathematics 3815A/B, **Calculus 2302A/B,** any Physics or Astronomy course not yet taken numbered 2100 or above, Chemistry 4424A/B**, the former Calculus 2502A/B**.

Students must also complete Physics 2950Y, Physics 3950Y (non-credit seminar courses).

Notes:

* indicates courses taken in Second Year of Program
** indicates courses taken in Third Year of Program
*** indicates courses taken in Fourth Year of Program
**** The module will consist of 13.0 courses if either Business Administration 1220E or Business Administration 2257 is taken. Business Administration 1220E cannot be used towards both First Year Requirements and modular requirements.

Progression Requirements

For progression into 4th year of the program, students must maintain an overall average of 70% with no mark less than 60% in any course required in the module. Students who do not meet the progression requirements, or chose not to continue in the program, may be able to continue their studies in a traditional module. Students should consult an academic advisor in the Department that administers their chosen module.

FACULTY OF SOCIAL SCIENCE

DEPARTMENT OF GEOGRAPHY AND ENVIRONMENT

Course Revision – Effective September 1, 2026, the following change(s) be made:

GEOGRAPHY AND ENVIRONMENT 4350A/B
CLIMATE CHANGE AND TERRESTRIAL ECOSYSTEM MODELING

Course Description
This course advances students' understanding of how we predict climate change and land management impacts on ecosystems. Students will learn broad concepts of terrestrial ecosystem models (vegetation dynamics, carbon, water and energy cycles, agriculture and land use change) and their role in climate change projections.

Antirequisite(s): Biology 4450A/B, Geography and Environment 3902A/B if taken in Winter 2023, the former Geography 3353A/B.

Prerequisite(s): Registration in third or fourth year in a Geography and Environment, Biology, Environmental Science, or Earth Sciences program, or permission of the instructor.

Extra Information: 2 lecture hours, 2 laboratory hours. **Cross-listed with Biology 4450A/B.**
Course Weight: 0.50

KING'S UNIVERSITY COLLEGE

SCHOOL OF MANAGEMENT, ECONOMICS, AND MATHEMATICS

Course Introduction – Effective September 1, 2026, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 3910A/B/Y
KING'S MOS CO-OP WORK TERM 1

Course Description
Provides MOS undergraduates with a co-operative education work term that fosters a practical professional learning experience.

Prerequisite(s): Enrolment in MOS 3996A/B/Y. Approval of, and acceptance into, a co-op work term.

Extra Information: Pass/Fail. Non-credit. Note: (1) This course cannot be included in the number of courses counted toward any module or program; (2) Successful completion of MOS 3910A/B/Y and MOS 3996A/B/Y will be recognized on a student's transcript.
Course Weight*:* 3.00

Course Introduction – Effective September 1, 2026, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 3920A/B/Y
KING'S MOS CO-OP WORK TERM 2

Course Description
Provides MOS undergraduates with a co-operative education work term that fosters a practical professional learning experience.

Prerequisite(s): MOS 3910A/B/Y. Enrolment in MOS 3997A/B/Y. Approval of, and acceptance into, a co-op work term.

Extra Information: Pass/Fail. Non-credit. Note: (1) This course cannot be included in the number of courses counted toward any module or program; (2) Successful completion of MOS 3920A/B/Y and MOS 3997A/B/Y will be recognized on a student's transcript.
Course Weight*:* 3.00

Course Introduction – Effective September 1, 2026, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 3930A/B/Y
KING'S MOS CO-OP WORK TERM 3

Course Description
Provides MOS undergraduates with a co-operative education work term that fosters a practical professional learning experience.

Prerequisite(s): MOS 3920A/B/Y. Approval of, and acceptance into, a co-op work term.

Extra Information: Pass/Fail. Non-credit. Note: (1) This course cannot be included in the number of courses counted toward any module or program; (2) Successful completion of MOS 3930A/B/Y will be recognized on a student's transcript.
Course Weight*:* 3.00

Course Introduction – Effective September 1, 2026, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 3940A/B/Y
KING'S MOS CO-OP WORK TERM 4

Course Description
Provides MOS undergraduates with a co-operative education work term that fosters a practical professional learning experience.

Prerequisite(s): MOS 3930A/B/Y. Approval of, and acceptance into, a co-op work term.

Extra Information: Pass/Fail. Non-credit. Note: (1) This course cannot be included in the number of courses counted toward any module or program; (2) Successful completion of MOS 3940A/B/Y will be recognized on a student's transcript.
Course Weight*:* 3.00

Course Introduction – Effective September 1, 2026, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 3996A/B/Y
CO-OP PREPARATION, EXPERIENCE AND REFLECTION 1

(Short Title: Co-op Prep, Exper & Reflect)

Course Description
Prepares students for a practical professional learning experience. Through an application and interview process, students are hired for a four-month work term by employers approved by the King's MOS Department. Students will complete an interim report during the work term and a final report upon completion.

Extra Information: Pass/Fail. Credit for this course will not be given unless a minimum four months of co-op work experience and all other mandatory components have been completed. This course may not be used as a substitute for any other course in the King's MOS Department. On successful completion, credit for the course will be given in the year in which initial registration in the course took place.
Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

MANAGEMENT AND ORGANIZATIONAL STUDIES 3997A/B/Y
CO-OP PREPARATION, EXPERIENCE AND REFLECTION 2

(Short Title: Co-op Prep, Exper & Reflect)

Course Description
Prepares students for a practical professional learning experience. Through an application and interview process, students are hired for one or multiple four-month work terms by employers approved by the King's MOS Department. Students will complete an interim report during the work term(s) and a final report upon completion.

Extra Information: Pass/Fail. Credit for this course will not be given unless a minimum four months of co-op work experience and all other mandatory components have been completed. This course may not be used as a substitute for any other course in the King's MOS Department. On successful completion, credit for the course will be given in the year in which initial registration in the course took place.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

ANALYTICS AND DECISION SCIENCES 4293F/G
PROFESSIONAL ANALYTICS

Course Description
Practical analytics and software tools explored through case analyses. Linear programming, statistical analysis, decision analysis, game theory, inventory analysis, queuing theory, simulation, Markovian decision model, and forecasting will be applied in a variety of scenarios.

Prerequisite(s): Analytics and Decision Sciences 3293A/B, 0.5 from Mathematics 1229A/B or Mathematics 1600A/B; 1.0 from Economics 2122A/B, Economics 2123A/B, Economics 2222A/B, Economics 2223A/B or Analytics and Decision Sciences 2036A/B, Statistical Sciences 2035, Statistical Sciences 2857A/B, Statistical Sciences 2858A/B. **Co-requisite(s):** Analytics and Decision Sciences 3864A/B.

Extra information: 3 hours, ~~1~~ **2** lab hour**s**.
Course Weight: 0.50

DEPARTMENT OF RELIGIOUS STUDIES

Course Introduction – Effective September 1, 2026, the following course be introduced:

JEWISH STUDIES 2163A/B
"AN EYE FOR AN EYE": BIBLICAL FOUNDATIONS OF CRIME AND PUNISHMENT

(Short Title: An Eye for an Eye)

Course Description
How similar are biblical ideas of crime and punishment to our own? We cover topics like vengeance, blood feud, ordeal, and collective punishment alongside more familiar issues such as courtroom procedure, rules of evidence, and remedies for wrongful judgments. Do ancient, biblical approaches to crime and punishment remain relevant today?

Antirequisite(s): Religious Studies 2163A/B.

Extra Information: 3 lecture hours; cross-listed with Religious Studies 2163A/B. Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

JEWISH STUDIES 2171A/B
DECOLONIZING THE BIBLE

Course Description
This course will explore some of the ways the Bible has been used to support colonial, racist, anti-Semitic, and genocidal ideologies – and violence. It will also look at how the Bible may be re-appropriated by the very groups it was used to oppress.

Antirequisite(s): Religious Studies 2171A/B.

Extra Information: 3 lecture hours; cross-listed with Religious Studies 2171A/B. Course Weight: 0.50

Course Introduction – Effective September 1, 2026, the following course be introduced:

JEWISH STUDIES 2259F/G
RELIGION AND SOCIETY IN THE MIDDLE EAST

(Short Title: Middle East Religion & Society)

Course Description
The complex political situations in the Middle East arise from a fusion of religious, historical, ethnic, cultural, and philosophical factors. This course examines the socio-religious background of contemporary Middle Eastern societies, and explores select case studies of conflict (e.g. Syria, Iraq, Iran, the Arabian Gulf countries, Israel/Palestine, Egypt).

Antirequisite(s): Religious Studies 2259F/G.

Extra Information: 3 lecture hours; cross-listed with Religious Studies 2259F/G.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

RELIGIOUS STUDIES 2163A/B
"AN EYE FOR AN EYE": BIBLICAL FOUNDATIONS OF CRIME AND PUNISHMENT

Course Description
How similar are biblical ideas of crime and punishment to our own? We cover topics like vengeance, blood feud, ordeal, and collective punishment alongside more familiar issues such as courtroom procedure, rules of evidence, and remedies for wrongful judgments. Do ancient, biblical approaches to crime and punishment remain relevant today?

Antirequisite(s): Jewish Studies 2163A/B.

Extra Information: 3 lecture hours**; cross-listed with Jewish Studies 2163A/B**.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

RELIGIOUS STUDIES 2171A/B
DECOLONIZING THE BIBLE

Course Description
This course will explore some of the ways the Bible has been used to support colonial, racist, anti-Semitic, and genocidal ideologies – and violence. It will also look at how the Bible may be re-appropriated by the very groups it was used to oppress.

Antirequisite(s): Jewish Studies 2171A/B.

Extra Information: 3 hours**; cross-listed with Jewish Studies 2171A/B**.
Course Weight: 0.50

Course Revision – Effective September 1, 2026, the following change(s) be made:

RELIGIOUS STUDIES 2259F/G
RELIGION AND SOCIETY IN THE MIDDLE EAST

Course Description
The complex political situations in the Middle East arise from a fusion of religious, historical, ethnic, cultural, and philosophical factors. This course examines the socio-religious background of contemporary Middle Eastern societies, and explores select case studies of conflict (e.g. Syria, Iraq, Iran, the Arabian Gulf countries, Israel/Palestine, Egypt.)

Antirequisite(s): Jewish Studies 2259F/G.

Extra Information: 3 hours**; cross-listed with Jewish Studies 2259F/G**.
Course Weight: 0.50

SCHOOL OF SOCIAL WORK

Program Revision – Effective September 1, 2026, the following changes be made:

BACHELOR OF SOCIAL WORK (HONOURS) – HONOURS SPECIALIZATION IN SOCIAL WORK

The essential module in the BACHELOR OF SOCIAL WORK (HONOURS) degree is the Honours Specialization in Social Work.

Note: Students who entered the module prior to September 2026 will follow the requirements in the 2025 Academic Calendar.

Admission Requirements

Only students who have been formally accepted into the Social Work program may enroll in Social Work courses at the 3000-level and beyond. Prior to admission to the Honours Specialization in Social Work students should register for their alternate degree choice(s).

Students accepted into the professional program (Year 3) must register at King's University College.

Admission to the Social Work program (Year 3) is by formal application by March 15 of the calendar year in which admission is sought. Enrolment in the Social Work program is limited.

The admission of each candidate is determined by the Director on the recommendation of the School's Admissions Committee. In the admissions process, candidates are chosen according to academic and non-academic requirements.

Academic requirements for admission may be completed by July 1 of the year in which admission to the professional program is sought. To be eligible for admission, applicants must complete not less than 10.0 courses or equivalent of university study with an overall average of 70%. These courses must include:

2.0 courses with a minimum grade of 70% in each:

1.5 courses: Social Work 1025A/B, Social Work 1026A/B, Social Work 2216A/B.
0.5 course from: Writing 1020F/G, Writing 1022F/G, Writing 2101F/G.

0.5 course with a minimum grade of 60%: Social Work 2206A/B.

7.5 additional courses:

0.5 course from Category B. (Arts and Humanities)
1.0 course from Category C. (Science)
6.0 additional courses.

Applicants must have a minimum average of 70% in the last 10.0 courses taken prior to admission to the program, with no failures.

In addition, all students must meet first-year requirements as outlined in Senate Academic Policy.

All applicants are required to complete the Casper test. There is a cost associated with this test that will be borne by the applicant.

Candidates will receive official notification of the acceptance or rejection of their application after official final year grades have been received by the School (generally the end of July of each academic year).

Module
10.0 courses:

5.0 courses completed in Year 3: Social Work 3301A/B, Social Work 3303A/B, Social Work 3308F/G, **Social Work 3311A/B,** Social Work 3316A/B, Social Work 3318A/B, Social Work 3319F/G, Social Work 3320Y or Social Work 3350A/B, Social Work 3333A/B, Social Work 3344A/B~~, Social Work 3311A/B~~.

5.0 courses completed in Year 4:

2.5 courses: Social Work 4400, Social Work 4414F/G, Social Work 4415F/G, Social Work 4429A/B.
2.5 courses from Social Work electives at the 3000 level or above, including at least 0.5 from each of the following two categories (A maximum of ~~1.0~~ **1.5** approved courses from outside of Social Work may be taken. Consult with the School for approved list.)

Category 1: Will primarily examine micro/meso levels of practice and course topics may include but are not limited to: addictions; crisis and trauma; mental health; children and adolescents; health care and social work; seniors; child welfare; human sexuality; thanatology; and disability studies.

Category 2: Will primarily examine macro levels of practice and course topics may include but are not limited to: advocacy; ~~f~~**F**irst ~~n~~**N**ations; international and multicultural social work; social justice and peace.

Notes:

1. Students choosing to combine the Honours Specialization in Social Work with another module may require more than 20.0 ~~credits~~ **courses** to meet requirements for both modules.

2. Students may count a maximum of 1.0 course~~s~~ between modules.

Progression Requirements

To be eligible to progress, third-year students must:

- successfully complete all third-year requirements;
- achieve an overall average of at least 70% in all required courses each term;
- achieve a minimum mark of 60% in each course; and
- earn at "PASS" in Social Work 3320Y or Social Work 3350B.

Impact of Incomplete (INC) Grades and Withdrawn (WDN) Status: Third-year Social Work students who have a 0.5 INC grade or WDN status in any Fall term course~~s~~ by the end of the Fall term (December 31) will be ineligible to enter practicum in the following term. This means they will also be ineligible to proceed in Social Work 3320Y. Students with an INC in 0.5 course~~s~~ or a WDN in any third-year Winter term course~~s~~ by the end of Winter term (April 30) will not be eligible for Block Placement in the Summer term and will be removed from Social Work 3350B. Students with an INC (incomplete) in 0.5 course~~s~~ or a WDN (Withdrawal) in any fourth year Fall term course by the end of Fall term will not be eligible to continue in practicum in the Winter term and will be removed from Social Work 4400. Students will be eligible for practicum after outstanding coursework has been submitted and/or WDN courses have been successfully completed. Students will be unable to join practicum partway through a term. They will be required to wait until the next time the course is offered.

Completion of Outstanding Coursework: Social Work students who have an INC grade in more than 0.5 course~~s~~ during any given term will not be permitted to continue with subsequent term Social Work courses until all final coursework has been submitted and a revised grade has been issued. In such cases, students may need to postpone enrollment in the following term's courses until the courses are offered again.

WDN Status in Required Social Work Courses: Social Work students who have WDN status in any required Social Work courses (excluding electives) are not permitted to continue with any subsequent term Social Work courses (including practicum) until the required courses have been attempted or repeated.

Failed Courses and Practicum Eligibility: To maintain academic integrity, Social Work students must successfully pass all courses, and are not permitted to progress should they fail any courses.

Practicum Attempts: If a student has two unsuccessful Practicum interviews in agency settings in one academic year, this will result in a failure of the Practicum Integration Seminar course. Students are only allowed two attempts at completing their practicum. If a student fails two times at completing their practicum, they will fail the Practicum Integration Seminar course and will not be able to continue in the Social Work program.

Graduation Requirements

To be eligible to graduate, students must successfully meet all fourth-year requirements. This includes:

- maintaining an overall average of at least 70% in all required courses each term of the professional Social Work program;
- achieving a minimum grade of 60% in each course each term; and
- earning a “PASS” in Social Work 4400.

Transfers

Students from Social Work programs of other universities may apply for admission to the BSW (Honours) Program at King's. Transcripts and courses will be assessed with regard to transfer credits. Please contact the School for information on approved courses from other universities and colleges that fulfill specific pre-program requirements.

Practicum

Assignments to Practica will be determined by the Manager of Professional Practicum Education following consultation with students. Students should be aware that there may be financial costs (such as parking, transportation, manual and insurance) and special agency requirements (such as police checks and health requirements) associated with the Practicum. A car may be needed for some community-based placements. See the RECORDS CHECK AND VULNERABLE SECTOR SCREENING POLICY section for further details.

Leave of Absence: Students who take a Leave of Absence for a term or more are permitted up to two years to return to the program. The maximum number of Leaves a student can take is two.

Extended Study Sequencing: Students following an extended study plan must complete the Social Work professional years program within a maximum of six

years. This ensures that graduates possess current knowledge of relevant theories, concepts, and professional practices in the field.