SOC APPROVALS
April 29, 2026

The following proposals were approved at the April 29, 2026 meeting of the Subcommittee on Undergraduate Academic Courses (SOC).

FACULTY OF ARTS AND HUMANITIES

DEPARTMENT OF ENGLISH AND WRITING STUDIES

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

FILM STUDIES 2230F/G
CRITICAL READING AND WRITING IN FILM STUDIES

Course Description
This course will build on skills and knowledge acquired in Film 1022 to engage students in the critical practices involved in reading various genres of writing in Film Studies. In addition to writing their own film reviews, students will learn research skills that prepare them for writing critical essays on cinema.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022 or permission of the Department.

Extra Information: 2 lecture hours; 3 screening hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

FILM STUDIES 3356F/G
AVANT-GARDE CINEMA

Course Description
An exploration of a variety of marginal film practices and modes of production through an historical consideration of the major trends and developments in European, American, and Canadian avant-garde. Films will be analyzed in relation to the theoretical issues they raise, specifically, feminist theory and practice, film formalism, and spectatorship.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022, or 1.0 of English 1000-1999 plus English 2112F/G, Film 2212F/G, or Theatre Studies 2212F/G, or permission of the department.

Extra Information: 1 3-hour lecture/screening, 2 lecture/seminar hours.
Course Weight: 0.50

Course Withdrawal – Effective September 1, 2026, the following course be withdrawn:

FILM STUDIES 3375F/G
JAPANESE NEW WAVE

Course Description
This course focuses on Japanese cinema as part of a global `new wave' of films in the 1960s that scandalized audiences with unsettling representations of sex, violence, and politics. Students will debate the ethics and aesthetics of new wave films, and discover the role of the films in creating film studies.

Antirequisite(s): Film Studies 2242F/G, if taken in 2015-2016.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022, or 1.0 of English 1000-1999 plus English 2112F/G, Film 2212F/G, or Theatre Studies 2212F/G, or permission of the department.

Extra Information: 2 lecture/seminar hours, 1 3-hour lecture/screening.
Course Weight: 0.50

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

FILM STUDIES 2152A/B
BOLLYWOOD CINEMA

Course Description
Bollywood Cinema, the mainstream Hindi-language film industry in India, has produced the most popular films of the 21st century. Through lectures and weekly screenings, students will analyze how these films represent issues of gender, religion, caste, class, the diaspora, and India's place in the global cultural imagination.

Antirequisite(s): Film Studies 2191F/G if taken in 2024-25 or 2025-26.

Extra Information: 2 lecture/seminar hours, three-hour film screening block (online, or in-person, or hybrid).
Course Weight: 0.50

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

FILM STUDIES 4356F/G
AVANT-GARDE CINEMA

Course Description
This course explores the history, politics, and aesthetics of avant-garde film practices, examining the development, major trends, and techniques of experimental and nonnarrative filmmaking in relation to key art movements and theoretical debates of the 20th century. Topics include formalism, surrealism, political modernism, pop art, and feminism.

Antirequisite(s): The former Film Studies 3356F/G.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022, or 1.0 of English 1000-1999 plus English 2112F/G, Film Studies 2212F/G or Theatre Studies 2212F/G, or permission of the department.

Extra Information: 2 lecture/seminar hours, three-hour film screening block (online, or in-person, or hybrid).
Course Weight: 0.50

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

FILM STUDIES 4375F/G
POLITICS AND PERFORMANCE IN THE JAPANESE NEW WAVE

(Short Title: Japanese New Wave)

Course Description
This course focuses on Japanese cinema as part of a global new wave in the 1960s that scandalized audiences with unsettling representations of sex, violence, and politics. Topics include the ethics and aesthetics of new wave filmmaking and the role of these films in the development of film studies.

Antirequisite(s): The former Film Studies 3375F/G.

Prerequisite(s): At least 60% in Film Studies 1020E or Film Studies 1022, or 1.0 of English 1000-1999 plus English 2112F/G, Film Studies 2212F/G or Theatre Studies 2212F/G, or permission of the department.

Extra Information: 2 lecture/seminar hours, three-hour film screening block (online, or in-person, or hybrid).
Course Weight: 0.50

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

FILM STUDIES 4401
SCRIPT TO SCREEN: ADVANCED DIGITAL FILM PRODUCTION

(Short Title: Adv. Digital Film Production)

Course Description
Using a script they have already written, students will produce a polished short film ready for film festival submission. Lectures, group work, and hands-on instruction help students further develop their abilities to produce, direct, and edit a film, from storyboards to the red carpet.

Antirequisite(s): MediaCom 3430A/B if taken in 2023-24; MediaCom 3664A/B if taken in 2022-23; MediaCom 4401.

Prerequisite(s): At least 0.5 course from Film Studies 3368F/G; MediaCom 2601A/B; MediaCom 3782A/B; MediaCom 3783F/G; Writing 2204F/G; Writing 3824F/G. Students who have taken one of the following courses also meet the prerequisite: MediaCom 3663A/B if taken in 2020-21, 2023-24, 2024-25, the former MediaCom 2175F/G, the former Writing 2224F/G.

Extra Information: 3 lecture hours. Cross-listed with MediaCom 4401.
Course Weight: 1.00

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

HONOURS SPECIALIZATION IN FILM STUDIES

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 from Film Studies 1000-1999, with no mark in these principal courses below 60%.

Module
9.0 courses:

~~1.5~~ **1.0 course~~s~~ in Film Studies from:** ~~Film Studies 2230F/G,~~ **Film Studies 2252F/G,** Film Studies 2254F/G, ~~Film Studies 2258F/G~~ **the former Film Studies 2230F/G**.
~~0.5 course in Film Studies from: Film Studies 2252F/G, Film Studies 2191F/G.~~
0.5 course in Film Theory: Film Studies 3371F/G.
1.0 course in Global Cinemas from: Film Studies 2259F/G, Film Studies 3330F/G, Film Studies 3335F/G, Film Studies 3340F/G, Film Studies 3342F/G, Film Studies 3364F/G, Film Studies 3373F/G, Film Studies 3375F/G, Film Studies 3377F/G, Film Studies 3397F/G.
1.0 course in Film Genre from: Film Studies 3357F/G, Film Studies 3359F/G, Film Studies 3360F/G, Film Studies 3362F/G, Film Studies 3366F/G.
1.0 course in Alternative Cinematic Perspectives from: Film Studies 3352F/G, Film Studies 3355F/G, Film Studies 3356F/G, Film Studies 3361F/G, Film Studies 3363F/G, Film Studies 3374F/G.
~~0.5~~ **1.0 course in Advanced Film Seminars and Projects** from: ~~Film Studies 4409E, Film Studies 4470F/G, Film Studies 4472F/G, Film Studies 4474F/G, Film Studies 4490F/G, Film Studies 4495F/G.~~ **Arts and Humanities 3000A/B/Y, Film Studies courses at the 4000-level.**
~~3.0~~ **3.5 additional courses** in Film Studies or approved courses offered by other Departments or Faculties (2.5 if Film Studies 4409E has already been taken). No more than 1.0 of these courses may be at the 2100 level.

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

SPECIALIZATION IN FILM STUDIES

Admission Requirements

Completion of first-year requirements including 1.0 from Film Studies 1000-1999 with a mark of at least 60%.

Module
9.0 courses:

~~1.5~~ **1.0 courses in Film Studies from:** ~~Film Studies 2230F/G,~~ **Film Studies 2252F/G,** Film Studies 2254F/G, ~~Film Studies 2258F/G~~ **the former Film Studies 2230F/G**.
~~0.5 course in Film Studies from: Film Studies 2252F/G, Film Studies 2191F/G.~~
0.5 course in Film Theory ~~from~~: Film Studies 3371F/G.
1.0 course in Global Cinemas from: Film Studies 2259F/G, Film Studies 3330F/G, Film Studies 3335F/G, Film Studies 3340F/G, Film Studies 3342F/G, Film Studies 3364F/G, Film Studies 3373F/G, Film Studies 3375F/G, Film Studies 3377F/G, Film Studies 3397F/G.
1.0 course in Film Genre from: Film Studies 3357F/G, Film Studies 3359F/G, Film Studies 3360F/G, Film Studies 3362F/G, Film Studies 3366F/G.
1.0 course in Alternative Cinematic Perspectives from: Film Studies 3352F/G, Film Studies 3355F/G, Film Studies 3356F/G, Film Studies 3361F/G, Film Studies 3363F/G, Film Studies 3374F/G.
~~3.5~~ **4.5 additional courses in Film Studies** or approved courses offered by other Departments or Faculties. No more than 1.0 of these courses may be at the 2100 level.

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

MAJOR IN FILM STUDIES

Admission Requirements

Completion of first-year requirements, including Film Studies 1020E or Film Studies 1022 with a mark of at least 60%.

Module
6.0 courses:

~~0.5~~ **1.0 course in Film Studies:** Film Studies 2254F/G**, Film Studies 2252F/G**.
~~0.5 course in Film Studies from: Film Studies 2252F/G, Film Studies 2191F/G.~~
~~1.0~~ **0.5 course in Film Theory, Reading, and Writing from**: ~~Film Studies 2230F/G,~~ Film Studies 3371F/G**, the former** Film Studies 2230F/G.
2.0 courses in Global Cinemas from: Film Studies 2242F/G, Film Studies 2244E, Film Studies 2258F/G, Film Studies 2259F/G, Film Studies 3330F/G, Film Studies 3335F/G, Film Studies 3340F/G, Film Studies 3342F/G, Film Studies 3364F/G, Film Studies 3373F/G**,** Film Studies 3375F/G, Film Studies 3377F/G, Film Studies 3397F/G, or an approved course offered by another Department or Faculty.
~~2.0~~ **2.5 additional courses** in Film Studies at the 2100 level or above or approved courses offered by other Departments or Faculties. No more than 1.0 of these courses may be at the 2100 level.

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

MINOR IN FILM STUDIES

The Minor in Film Studies is intended for students who want a rigorous program of film study compatible with potential upgrading to Major and Honours Specialization modules in Film Studies.

Admission Requirements

Completion of first-year requirements, including Film Studies 1000-1999 with a mark of at least 60%.

Module
4.0 courses:

~~1.5~~ **1.0 course~~s~~ in Film Studies from**: ~~Film Studies 2230F/G,~~ **Film Studies 2252F/G,** Film Studies 2254F/G, Film Studies 2258F/G**, the former Film Studies 2230F/G**.
~~0.5 course in Film Studies from: Film Studies 2252F/G, Film Studies 2191F/G.~~
~~2.0~~ **3.0 additional courses in Film Studies** or approved courses offered by other Departments or Faculties. No more than 1.0 of these courses may be at the at the 2100 level.

DEPARTMENT OF LANGUAGES AND CULTURES

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

SPANISH 3600F/G/Z
INTERNSHIP IN SPANISH

Course Description
The Academic Internship is a 0.5 credit internship with minimum of 60 hours. The internship will require students to make connections with academic study while undertaking supervised duties in organizations, businesses or community groups with interests related to Spanish.

Prerequisite(s): Permission of the Department and Intercultural Communications 2200F/G. Registration in the third or fourth year of a module in Spanish, with a minimum cumulative modular average of 75%. Approval of, and acceptance into, an internship placement. Pre- or **Corequisite(s):** Students must have completed or are completing the required courses and at least 50% of the module.

Extra Information: Pass, or Fail. Students accepted for an internship will arrange individual programs with supervising faculty. The student is required to a) maintain a suitable level of performance in the position as verified by the employer through evaluations and b) submit a midterm as well as a final report, demonstrating how the experience gained through the internship relates to his/her coursework and program of study.
Course Weight: 0.50

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

SPANISH 4601F/G
EXPERIENTIAL LEARNING IN SPANISH LANGUAGE TEACHING I

(Short Title: Exp. Spanish Teaching I)

Course Description
This course integrates experiential learning with Spanish language pedagogy. Students participate in lower-level courses through guided observation, peer support, and supervised classroom engagement. They assist with in-class activities and mentor fellow learners. Through readings, reflection, and discussion, they connect pedagogical theory to practice while developing transferable professional skills.

Antirequisite(s): The former Spanish 3600F/G/Z.

Prerequisite(s): Spanish 3300 or permission of the department.

Extra Information: Spanish 4601F/G may be taken independently of Spanish 4602F/G. The courses are complementary but not sequential and may be taken in any order.
Course Weight: 0.50

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

SPANISH 4602F/G
EXPERIENTIAL LEARNING IN SPANISH LANGUAGE TEACHING II

(Short Title: Exp. Spanish Teaching II)

Course Description
This course integrates experiential learning with Spanish language pedagogy. Students participate in lower-level courses through guided observation, peer support, and supervised classroom engagement. They assist with in-class activities and mentor fellow learners. Through readings, reflection, and discussion, they connect pedagogical theory to practice while developing transferable professional skills.

Antirequisite(s): The former Spanish 3600F/G/Z.

Prerequisite(s): Spanish 3300 or permission of the department.

Extra Information: Spanish 4602F/G may be taken independently of Spanish 4601F/G. The courses are complementary but not sequential and may be taken in any order.
Course Weight: 0.50

LINGUISTICS

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

HONOURS SPECIALIZATION IN LINGUISTICS

Admission Requirements

Completion of first year requirements with at least 75% average and a minimum mark of 60% in 3.0 principal courses including Linguistics 1027A/B or **the former** Anthropology 1027A/B ~~and Linguistics 1028A/B~~. Students must consult with one of the program Co-directors prior to admission. Enrolment in this module is limited. Meeting the minimum requirements does not guarantee admission.

Module
9.0 courses:

1.0 course: Linguistics 2247A/B and Linguistics 2248A/B. At least 75% in each course is required for progression in the module.
2.5 courses: Anthropology 3339F/G, Linguistics 2242A/B, Linguistics 4247A/B, Linguistics 4248A/B, Linguistics 4490F/G.
1.0 Language course~~(s)~~ to be selected in consultation with one of the Linguistics Co-directors.
1.5 courses from Formal approaches to language: ~~Anthropology 3237A/B,~~ Anthropology 3343A/B, **Anthropology 4415A/B,** Communication Sciences and Disorders 4411A/B, ~~Communication Sciences and Disorders 4439A/B,~~ French 2805A/B, French 2806A/B, French 3810A/B, French 3830A/B, ~~French 4811F/G, French 4821F/G, French 4830F/G, French 4841F/G, French 4881F/G,~~ Linguistics 2244A/B, Linguistics 3100A/B, Linguistics 3102A/B, Philosophy 3260F/G, Philosophy 3270F/G, Philosophy 4210F/G, Psychology 2134A/B, Spanish 3303A/B, Spanish 3318A/B, Spanish 3319A/B, Spanish 4415A/B**, the former Anthropology 3237A/B**.
1.5 courses from Social aspects of language: Anthropology 2245F/G, Anthropology 2249F/G, Anthropology 2251A/B, Anthropology 2252A/B, **Anthropology 2254A/B,** Anthropology 3243F/G, **Anthropology 3260F/G,** French 3870A/B, ~~French 4040A/B, French 4850F/G,~~ Spanish 3314F/G~~, Spanish 4412F/G~~.
1.5 additional courses from the following or any course from above not already taken: Anthropology 2246A/B, Anthropology 2250A/B, Anthropology 2253A/B, Anthropology 4412F/G, Classical Studies 2800A/B, English 3300, English 3310, French 4100F/G, Indigenous Studies 2253A/B, Linguistics 2130A/B, Linguistics 3340A/B, Linguistics 3390A/B, Philosophy 2020, Philosophy 2250, Philosophy 2260F/G, Psychology 3140F/G, Psychology 3141F/G, Psychology 3184F/G, Spanish 2121A/B, ~~Spanish 2214A/B, Spanish 2956A/B-2960A/B,~~ or other courses by permission of the Program, the former Philosophy 3201A/B.

Note: Some courses are offered only in alternate years, and some have specific prerequisites. Students must consult one of the Co-Directors of the Inter-Faculty Program in Linguistics when planning their module. **Some Spanish courses are taught in English. Consult the Calendar.**

Module Requirements

Students who are enrolled in the Honours Specialization in Linguistics must maintain a minimum cumulative modular average of 75% with a minimum mark of 60% in each course and a passing grade in each option to progress in the module. In addition, students must attain at least 75% in Linguistics 2247A/B and Linguistics 2248A/B or the former Anthropology 2247A/B and the former Anthropology 2248A/B.

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

MAJOR IN LINGUISTICS

Admission Requirements

Completion of first-year requirements, including Linguistics 1027A/B or **the former** Anthropology 1027A/B ~~and Linguistics 1028A/B~~ with a mark of at least 60%.

Module
6.0 courses:

2.0 courses: Anthropology 3339F/G, Linguistics 2242A/B, Linguistics 2247A/B, Linguistics 2248A/B.
1.0 course~~s~~ from "Formal approaches to language": ~~Anthropology 3237A/B,~~ Anthropology 3343A/B, **Anthropology 4415A/B,** Communication Sciences and Disorders 4411A/B, ~~Communication Sciences and Disorders 4439A/B,~~ French 2805A/B, French 2806A/B, French 3810A/B, French 3830A/B, ~~French 4811F/G, French 4821F/G, French 4830F/G, French 4841F/G, French 4881F/G,~~ Linguistics 2244A/B, Linguistics 3100A/B, Linguistics 3102A/B, Philosophy 3260F/G, Philosophy 3270F/G, Philosophy 4210F/G, Psychology 2134A/B, Spanish 3303A/B, Spanish 3318A/B, Spanish 3319A/B, Spanish 4415A/B**, the former Anthropology 3237A/B**.
1.0 course~~s~~ from "Social aspects of language": Anthropology 2245F/G, Anthropology 2249F/G, Anthropology 2251A/B, Anthropology 2252A/B, **Anthropology 2254A/B,** Anthropology 3243F/G, **Anthropology 3260F/G,** French 3870A/B, ~~French 4040A/B, French 4850F/G,~~ Spanish 3314F/G~~, Spanish 4412F/G~~.
2.0 additional courses from the following or any course from above not already taken: Anthropology 2246A/B, Anthropology 2250A/B, Anthropology 2253A/B, Anthropology 4412F/G, Classical Studies 2800A/B, English 3300, English 3310, French 4100F/G, Indigenous Studies 2253A/B, Linguistics 2130A/B, Linguistics 3340A/B, Linguistics 3390A/B, Linguistics 4490F/G, Philosophy 2020, Philosophy 2250, Philosophy 2260F/G, Psychology 3140F/G, Psychology 3141F/G, Psychology 3184F/G, ~~Spanish 2214A/B, Spanish 2956A/B-2960A/B,~~ or other courses by permission of the Program, the former Philosophy 3201A/B.

Note: Some courses are offered only in alternate years. Students are advised to consult one of the Co-Directors of the Inter-Faculty Program in Linguistics when planning their module. **Some Spanish courses are taught in English. Consult the Calendar.**

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

MINOR IN LINGUISTICS

Admission Requirements

Completion of first-year requirements, including Linguistics 1027A/B or **the former** Anthropology 1027A/B ~~and Linguistics 1028A/B~~ with a mark of at least 60%.

Module
4.0 courses

1.0 course~~s~~: Linguistics 2247A/B, Linguistics 2248A/B.
0.5 course: Anthropology 3339F/G or any 3000-level course from the categories "Formal approaches to language" or "Social aspects of language" not already taken.
0.5 course from "Formal approaches to language": ~~Anthropology 3237A/B,~~ Anthropology 3343A/B, **Anthropology 4415A/B,** Communication Sciences and Disorders 4411A/B, ~~Communication Sciences and Disorders 4439A/B,~~ French 2805A/B, French 2806A/B, French 3810A/B, French 3830A/B, ~~French 4811F/G, French 4821F/G, French 4830F/G, French 4841F/G, French 4881F/G,~~ Linguistics 2242A/B, Linguistics 2244A/B, Linguistics 3100A/B, Linguistics 3102A/B, Philosophy 3260F/G, Philosophy 3270F/G, Philosophy 4210F/G, Psychology 2134A/B, Spanish 3303A/B, Spanish 3318A/B, Spanish 3319A/B, Spanish 4415A/B**, the former Anthropology 3237A/B**.
0.5 course from "Social aspects of language": Anthropology 2245F/G, Anthropology 2249F/G, Anthropology 2251A/B, Anthropology 2252A/B, **Anthropology 2254A/B,** Anthropology 3243F/G, **Anthropology 3260F/G,** French 3870A/B, ~~French 4040A/B, French 4850F/G,~~ Spanish 3314F/G~~, Spanish 4412F/G~~.
1.5 additional courses from the following or any course from above not already taken: Anthropology 2246A/B, Anthropology 2250A/B, Anthropology 2253A/B, Anthropology 4412F/G, Classical Studies 2800A/B, English 3300, English 3310, French 4100F/G, Indigenous Studies 2253A/B, Linguistics 2130A/B, Linguistics 3340A/B, Linguistics 3390A/B, Linguistics 4490F/G, Philosophy 2020, Philosophy 2250, Philosophy 2260F/G, Psychology 3140F/G, Psychology 3141F/G, Psychology 3184F/G, Spanish 2121A/B, ~~Spanish 2214A/B, Spanish 2956A/B-2960A/B,~~ or other courses by permission of the Program, the former Philosophy 3201A/B.

Note: Some courses are offered only in alternate years. Students are advised to consult one of the Co-Directors of the Inter-Faculty Program in Linguistics when planning their module. **Some Spanish courses are taught in English. Consult the Calendar.**

IVEY BUSINESS SCHOOL

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

HBA/HONOURS BMSc INTERDISCIPLINARY MEDICAL SCIENCES

The Ivey Business School, the Schulich School of Medicine & Dentistry, and the Faculty of Science administer these combined degrees.

Admission Requirements

Structure of the Combined Degree

The completion of the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program usually takes five academic years.

Students apply for admission to the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program during the first year of the HBA (HBA1), typically their third year of university. See ADMISSION REQUIREMENTS FOR THE HONOURS BUSINESS ADMINISTRATION (HBA) PROGRAM.

Once in HBA1, students must satisfy the following conditions to be eligible for admission to the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program:

- be admitted to Year 3 of the Bachelor of Medical Sciences (BMSc) Program [see the policy on Admission to the Bachelor of Medical Sciences (BMSc) Program],
- achieve a minimum average of 75% on the 2000-level Admission Requirements for the Honours Specialization in Interdisciplinary Medical Sciences (IMS) (Biochemistry 2280A, Biology 2290F/G, Biology 2382A/B, Biology 2581A/B, Chemistry 2213A/B and either Biology 2244A/B or Statistical Sciences 2244A/B), with no mark less than 60% in any of these half courses,
- achieve a minimum average of 80% in the 10.0 courses completed prior to admission to HBA, and
- achieve a minimum weighted rounded average of 78% in HBA1.

Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM. Students are encouraged to complete their BREADTH REQUIREMENT FOR BACHELOR DEGREES by the end of Year 2.

In Year 3, students enroll in the first year of the HBA program. Demonstrated participation in extracurricular and/or community activities, leadership, and work experience are admission criteria for the HBA, in addition to academic

achievement.

For Years 4 and 5, students register in the Schulich School of Medicine & Dentistry and the Ivey School of Business in the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program.

Below is a brief outline of the requirements for the combined degree program.

Admission Requirements

Applications for the combined degrees must be made during HBA1 to the HBA program and the BMSUE Coordinator by the published deadlines for Ivey. The Ivey School's Advanced Entry Opportunity (AEO) students are also eligible to apply to the combined degrees. Entrance to the combined degrees is competitive and limited.

Module/Program Information

Year 3: HBA1

The third year of the undergraduate program in Business Administration consists of an integrated set of courses (7.5 courses) designed to give a basic understanding of the functions and the interrelationships of the major areas of management, as well as to develop problem-solving and action-planning skills.

> All students will take: Business Administration 3300K, Business Administration 3301K, Business Administration 3302K, Business Administration 3303K, Business Administration 3304K, Business Administration 3311K, Business Administration 3316K, Business Administration 3321K, Business Administration 3322K, Business Administration 3323K.

No substitute for any of the above courses is permitted under any circumstances.

Years 4 and 5 (HBA Requirements can be taken over year 4 or 5 - except Business Administration 4569 must be taken in Year 4)

2.5 courses:

- International Perspective Requirement: Business Administration 4505A/B (0.5 course).
- Corporations and Society Perspectives Requirement: At least one 0.5 course from Business Administration - Corporations and Society designated electives offered during the academic year (Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4588A/B, Business Administration 4625A/B)or other

business elective as determined and approved by the HBA Program Director to satisfy this requirement.

- Managerial Accounting Requirement: Business Administration 4624A/B (0.5 course).
- Applied Project Requirement: Business Administration 4569 (1.0 course).

2.5 additional business elective courses.

Years 4 and 5: BMSc requirements for the Honours Specialization in Interdisciplinary Medical Sciences (IMS)

Year 4

2.0 courses from Group 1 (these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).
0.5 additional course from Group 1 or 2 or Chemistry numbered 2100-3999.
1.5 courses: Medical Sciences 3391A/B, Medical Sciences 3990E.

A maximum of 0.5 course from either Chemistry numbered 2100-3999 or Groups 1-2 that is completed prior to admission to the combined program course may be used toward the Year 4 BMSc (IMS) requirements. Any additional course(s) completed prior to admission to the combined program may be used toward the Year 4 BMSc (IMS) requirements only if an additional optional course(s) is completed. A maximum of 0.5 of the courses listed in the Year 4 BMSc (IMS) requirements may be deferred until Year 5.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A.

Group 2: Anatomy and Cell Biology 3201A/B, Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Biochemistry 3392F/G, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Medical Bioinformatics 3100A/B, Medical Biophysics 3518B, Medical Biophysics 3820B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former

Medical Biophysics 3645A/B.

Year 5

1.0 course: Medical Sciences 4990E. ~~Students participating in the Ivey exchange will take Medical Sciences 4991F and an additional half course at the 4000-level from the basic medical science subject areas below in place of Medical Sciences 4990E.~~
0.5 course: Medical Sciences 4930~~F/G~~**A/B**.
0.5 course: Medical Sciences 4200A/B. ~~Students participating in the Ivey exchange will take Medical Sciences 4200A/B, if offered in first term, or an additional half course at the 4000-level from the basic medical science subject areas below if Medical Sciences 4200A/B is offered in second term, only.~~
1.0 additional course~~s~~ at the 4000-level from the following basic medical science subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, One Health, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.

Notes:

1. Students registered in Year 4 of the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program in 2024-25 will satisfy the requirements as stated in the 2024-25 Academic Calendar.
2. See UNDERGRADUATE COURSE INFORMATION for the requisites for 3000- and 4000-level courses, and the BMSc website for information about constraints (priority and restricted access) for all basic medical science courses.
3. The breadth requirements of a BMSc degree must be satisfied. The essay requirement is satisfied with modular courses. See "Graduation Requirements for Honours Bachelor degrees".

Degree Requirements

Students registered in the combined degrees are expected to abide by all guidelines associated with each of the individual degrees.

Progression

Students in these combined degrees must meet the following progression standards:

Students enrolled in first year HBA (Year 3) must attain a minimum weighted rounded average of 78%. In Year 4, students must attain a minimum weighted average of 75% in their 4000-level HBA courses and a minimum cumulative

modular average of 70% with no mark less than 60% in any modular courses required for the Honours Specialization in Interdisciplinary Medical Sciences (IMS). In Year 5, students must attain a minimum weighted average of 75% in their 4000-level HBA courses and a minimum cumulative modular average of 70% with no mark less than 60% in any modular courses required for the Honours Specialization in Interdisciplinary Medical Sciences (IMS).

Failure to Meet Progression Standards

A student who fails to meet the progression standards in any year must withdraw from the combined degrees. With permission from the appropriate HBA Program Director and/or the Associate Dean, Basic Medical Sciences Undergraduate Education, Schulich School of Medicine & Dentistry, the student may continue in one degree, and request permission from the other School to complete the other degree at a later date.

A student who fails to meet the progression standards in any year of the combined degrees may appeal the decision in writing to either the HBA Program Director or the Associate Dean, Basic Medical Sciences Undergraduate Education, Schulich School of Medicine & Dentistry, depending upon the degree in which the progression standards were not met, in accordance with the University's policies on Academic Rights and Responsibilities.

Dean's Honour List

Students are considered for the Dean's Honour List in the Faculty of Science in Year 1 and 2.

Students who take courses required for the Honours Specialization in Interdisciplinary Medical Sciences (IMS) module totaling at least six half courses in Year 4 and six half courses in Year 5 of the combined degrees are considered for the Dean's Honour List in the Schulich School of Medicine & Dentistry in each of those years on the basis of those courses.

At the Richard Ivey School of Business, students are considered for the Dean's Honour List during their first year of HBA. Students enrolled in Years 4 and 5 of the combined degree program are considered for the Dean's Honour List in Year 5 only. Only grades obtained in 4000-level Business courses will be used in calculating averages for the purpose of determination of Dean's Honour List standing. The Dean's Honour List for HBA2 typically includes the top 25% of all of HBA2 and is determined by vote of the teaching faculty. Courses taken outside the Business School are excluded. Calculations for Ivey Scholar and Gold Medals are completed in the same way.

Graduation

Upon completion of the combined program, students will receive two degrees: a BMSc (Honours) degree with an Honours Specialization in Interdisciplinary Medical Sciences (IMS) and a BA in Honours Business Administration.

Fees

Students pay the prevailing fees as determined by the University policy on combined degrees.

International Exchange Programs

Students in the combined BMSc/HBA program may be eligible to participate in academic exchange programs (for HBA, only). Interested students should discuss exchange options with the HBA Program Office and the BMSUE Program Office.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING

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

D. CHEMICAL ENGINEERING/LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Chemical Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Chemical and Biochemical Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admissions Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2277A/B, CBE 2206A/B, CBE 2207A/B, CBE 2214A/B, CBE 2220A/B, CBE 2221A/B, CBE 2224A/B, CBE 2290A/B, CBE 2291A/B, Statistical Sciences 2143A/B, Writing 2130F/G.

Third Year Program

CBE 3307A/B, CBE 3310A/B, CBE 3315A/B, CBE 3316A/B, CBE 3318A/B, CBE 3319A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3395Y, two 0.5 technical electives***

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

CBE 4497, two 0.5 Technical electives approved by the CBE program.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, economics and the thought processes in the Humanities and Social Sciences must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

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

D. CIVIL ENGINEERING/LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Civil Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Civil and Environmental Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admissions Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2277A/B, CEE 2202A/B, CEE 2217A/B, CEE 2219A/B, CEE 2220A/B, CEE 2221A/B, CEE 2224, Earth Sciences 2281A/B, Statistical Sciences 2141A/B*, Writing 2130F/G.

* Note: A student may, with the permission of the department counsellor, substitute Statistical Sciences 2143A/B for Statistical Sciences 2141A/B.

Note: CEE 3324A/B (Surveying). This course is available each summer (15 days) and must be completed before a student may graduate from the Civil Engineering program.

Third Year Program

CEE 3321A/B, CEE 3322A/B, CEE 3340A/B, CEE 3343A/B, CEE 3344A/B, CEE 3346A/B, CEE 3347A/B, CEE 3348A/B, CEE 3358A/B, CEE 3369A/B, 0.5 non-technical elective.

Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

CEE 4424A/B, CEE 4426A/B, CEE 4441, CEE 4465A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, and economics must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose

program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

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

D. ELECTRICAL ENGINEERING /LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Electrical Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Electrical and Computer Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, Computer Science 1027A/B, ECE 2205A/B, ECE 2277A/B, ECE 2231A/B, ECE 2233A/B, ECE 2236A/B, ECE 2240A/B, ECE 2241A/B, MME 2234A/B, Writing 2130F/G.

Third Year Program

Numerical and Mathematical Methods 3415A/B, ECE 3330A/B, ECE 3331A/B, ECE 3332A/B, ECE 3333A/B, ECE 3336A/B, ECE 3337A/B, ECE 3370A/B, ECE 3375A/B, ECE 3399A/B, Statistical Sciences 2141A/B, 0.5 non-technical elective.

Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

ECE 4416, ECE 4437A/B, the former ECE 4470A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, and the impact of technology on society must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of~~

~~Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

C. SOFTWARE ENGINEERING/LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Software Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option C, of the Software Engineering program with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, ECE 2277A/B, SE 2202A/B, SE 2203A/B, SE 2205A/B, SE

2250A/B, Mathematics 2151A/B, Statistical Sciences 2141A/B, Writing 2130F/G, one 0.5 non-technical elective from the approved list.

Third Year Program

ECE 3375A/B, ECE 4436A/B, SE 3309A/B, SE 3310A/B, SE 3313A/B, SE 3314A/B, SE 3316A/B, SE 3350A/B, SE 3351A/B, SE 3352A/B, SE 3353A/B, Physics 2300A/B.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

SE 4450, SE 4452A/B, SE 4455A/B, SE 4472A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, the impact of technology on society, and the thought processes in the Humanities and Social Sciences must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties

JOHN M. THOMPSON CENTRE OF ENGINEERING LEADERSHIP AND INNOVATION

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

D. INTEGRATED ENGINEERING/LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Integrated Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, of the Integrated Engineering program with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, CBE 2220A/B, CBE 2221A/B, CEE 2220A/B, ECE 2277A/B, IE 2298, MME 2285A/B, MSE 2214A/B, Statistical Sciences 2143A/B, 0.5 non-technical elective*.
*Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website. The progression sequence of non-technical and technical electives may be changed to fulfill the pre-requisite requirements of desired technical electives, upon approval by the Program Director.

Third Year Program

CBE 2291A/B, CBE 3322A/B, CEE 2202A/B, CEE 2221A/B, MME 3374A/B or ECE 2238A/B, ELI 3000A/B or the former ES 3331A/B, ELI 3100A/B or ELI 3200A/B or the former ES 3330A/B, ELI 4110F/G or the former ES 4498F/G, MME 3379A/B or MSE 3301A/B, MSE 2213A/B, MSE 3360A/B, 0.5 non-technical elective*.

Fourth Year Program:

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs:

ELI 4100A/B or the former ES 4480A/B, ELI 4300A/B or ELI 4200A/B or the former ES 4481A/B, IE 4499 or the former ES 4499.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, and the impact of technology on society must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).

Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814~~ Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

DEPARTMENT OF MECHANICAL AND MATERIALS ENGINEERING

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

B. MECHANICAL ENGINEERING/LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Mechanical Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option B, in the Department of Mechanical Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, MME 2200Q/R/S/T, MME 2202A/B, MME 2204A/B, MME 2213A/B, MME 2221A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, Writing 2130F/G.

Third Year Program

MME 3303A/B, MME 3307A/B, MME 3325A/B, MME 3334A/B, MME 3348A/B, MME 3350A/B, MME 3360A/B, MME 3374A/B, MME 3380A/B, MME 3381A/B.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

MME 4499, two 0.5 Technical electives approved by the MME program.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, and the impact of technology on society must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

C. MECHATRONIC SYSTEMS ENGINEERING/LAW

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Mechatronic Systems Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first-year curriculum in the Faculty of Engineering, and the second and third-year program, Option C of the Mechatronic Systems Engineering Program, with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admissions Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, Computer Science 1037A/B, ECE 2205A/B, MSE

2200Q/R/S/T, MSE 2201A/B, MSE 2202A/B, MSE 2212A/B, MME 2213A/B, MSE 2214A/B, MSE 2221A/B, MSE 2233A/B, MSE 2273A/B.

Third-Year Program

ECE 2277A/B, ECE 3330A/B, ECE 3331A/B, ECE 3375A/B, MSE 3301A/B, MSE 3302A/B, MSE 3310A/B, MSE 3360A/B, MSE 3380A/B, MSE 3381A/B, Writing 2130F/G, 0.5 non-technical elective*.

Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Fourth-Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth-Year Programs

MSE 4499, MSE 4401A/B, Statistical Sciences 2141A/B or Statistical Sciences 2143A/B, one of ECE 4460A/B or ECE 4469A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, economics and the thought processes in the Humanities and Social Sciences must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

FACULTY OF HEALTH SCIENCES

SCHOOL OF KINESIOLOGY

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

KINESIOLOGY 2276~~F/G~~A/B
PSYCHOLOGY OF EXERCISE

Course Description
T~~he central purpose of t~~his course ~~is to~~ examine**s** the psychological ~~bases of exercise and physical activity. Emphasis is placed on understanding the motives~~ **facilitators** and barriers ~~underlying involvement in~~ **to** exercise ~~and physical activity~~, the psychological benefits derived from ~~acute and chronic~~ involvement, **and** the ~~situational and personal~~ **psychosocial** determinants associated with failure to initiate and/or adhere to exercise ~~and physical activity programs~~**. Content will be presented within** ~~the~~ theoretical perspectives ~~advanced to account for~~ **that explain exercise** involvement, and intervention**s** ~~strategies~~ used to ~~stimulate~~ **initiate** and~~/or~~ maintain ~~involvement in~~ exercise **behaviour** ~~and physical activity~~.

Prerequisite(s): Kinesiology 1070A/B or the former Kinesiology 1088A/B.

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

FACULTY OF INFORMATION AND MEDIA STUDIES

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

MEDIA AND COMMUNICATION STUDIES 2025A/B
RESEARCH METHODS FOR THE DIGITAL AGE

Course Description
This course will introduce students to a variety of methods for collecting, analysing, and interpreting data for research in media studies. Students will explore tools and techniques that support inquiry into problems and questions of a digital era. Approaches will include content analysis, big data, interviews, ethnography, and decolonizing methods.

Antirequisite(s): The former MIT 3000A/B.

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

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

MEDIA AND COMMUNICATION STUDIES 3025A/B
RESEARCH METHODS FOR THE DIGITAL AGE

(Short Title: Research Methods for MediaCom)

Course Description
This course will introduce students to a variety of methods for collecting, analysing, and interpreting data for research in media studies. Students will explore tools and techniques that support inquiry into problems and questions of a digital era. Approaches will include content analysis, big data, interviews, ethnography, and decolonizing methods.

Antirequisite(s): The former MediaCom 2025A/B.

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

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

HONOURS SPECIALIZATION IN MEDIA, INFORMATION AND TECHNOCULTURE

Enrolment in all modules in Media, Information and Technoculture is limited. Meeting the minimum requirements does not guarantee that students wishing to enter any module in Media, Information and Technoculture will be offered enrolment.

Admission Requirements

Completion of all first-year requirements with no failures. Students must have an average of at least 72% in 4.0 principal courses, with no mark in any principal course below 60%, and including a minimum grade of 70% in each of MediaCom 1020E or MediaCom 1021F/G and MediaCom 1022F/G, and MediaCom 1025F/G.

Module
9.0 courses:

~~2.5~~ **2.0 courses** required in second year: MediaCom 2000F/G, ~~MediaCom 2025A/B,~~ MediaCom 2100F/G, MediaCom 2200F/G, MediaCom 2500A/B.
~~0.5~~ **1.0 course**~~s~~ required in third year **from**: **MediaCom 3025A/B,** MediaCom 3100F/G**, the former MediaCom 2025A/B**.
2.0 additional courses in MediaCom at the 2000 level or above.
3.5 additional courses in MediaCom at the 3000 level or above.
0.5 course required in fourth year from: MediaCom 4030F/G-4039F/G.

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

MAJOR IN MEDIA, INFORMATION AND TECHNOCULTURE

Enrolment in all modules in Media, Information and Technoculture is limited. Meeting the minimum requirements does not guarantee that students wishing to enter any module in Media, Information and Technoculture will be offered enrolment.

Admission Requirements

Completion of first-year requirements including a minimum grade of 60% in each of MediaCom 1020E or MediaCom 1021F/G and MediaCom 1022F/G, and MediaCom 1025F/G.

Module
7.0 MediaCom courses:

~~2.5~~ **2.0 courses** required in second year: MediaCom 2000F/G, ~~MediaCom 2025A/B,~~ MediaCom 2100F/G, MediaCom 2200F/G, MediaCom 2500A/B.
0.5 course required in third year: MediaCom 3025A/B or the former MediaCom 2025A/B.
1.5 additional courses in MediaCom at the 2000 level or above.
3.0 MediaCom courses at the 3000 level or above.

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

HONOURS SPECIALIZATION IN MEDIA AND THE PUBLIC INTEREST (MPI)

Enrolment in all modules in Media and the Public Interest is limited. Meeting the minimum requirements does not guarantee that students wishing to enter any module in Media and the Public Interest will be offered enrolment.

Admission Requirements

Completion of all first-year requirements with no failures. Students must have an average of at least 72% in 4.0 principal courses, with no mark in any principal course below 60%, and including a minimum grade of 70% in each of MediaCom 1020E or MediaCom 1021F/G and MediaCom 1022F/G, and MediaCom 1025F/G.

Module
9.0 courses:

~~3.0~~ **2.5 courses** required in second year: MediaCom 2000F/G, ~~MediaCom 2025A/B,~~ MediaCom 2100F/G, MediaCom 2200F/G, MediaCom 2500A/B, MediaCom 2152F/G.
~~0.5~~ **1.0 course**~~s~~ required in third year **from**: **MediaCom 3025A/B,** MediaCom 3100F/G**, the former MediaCom 2025A/B**.
~~1.0~~ **0.5 course**~~s~~ required in fourth year **from**: ~~MediaCom 4999F/G and 0.5 course from c~~ **C**ourses numbered MediaCom 4030F/G-4039F/G **or the former MediaCom 4999F/G**.
1.0 course~~s~~: MediaCom 3901F/G, MediaCom 3902F/G.
0.5 additional course in MediaCom at the 2000 level or above.
~~1.5~~ **2.0 additional courses** in MediaCom at the 3000 level or above.
1.5 courses from: MediaCom 3110F/G, MediaCom 3215F/G, MediaCom 3218F/G, MediaCom 3221F/G, MediaCom 3832F/G, MediaCom 3931F/G, MediaCom 3932F/G, MediaCom 3933F/G, MediaCom 3935F/G, MediaCom 3936F/G.

~~Note: Students who entered the program prior to September 1, 2019 should consult the Academic Calendar in the year in which they were admitted to to year 2 of the program for their requirements.~~

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

MAJOR IN MEDIA AND THE PUBLIC INTEREST (MPI)

Enrolment in all modules in Media and the Public Interest is limited. Meeting the minimum requirements does not guarantee that students wishing to enter any module in Media and the Public Interest will be offered enrollment.

Admission Requirements

Completion of first-year requirements including a minimum grade of 60% in each of MediaCom 1020E or MediaCom 1021F/G and MediaCom 1022F/G, and MediaCom 1025F/G.

Module
7.0 courses:

~~3.0~~ **2.5 courses** required in second year: MediaCom 2000F/G, ~~MediaCom 2025A/B,~~ MediaCom 2100F/G, MediaCom 2200F/G, MediaCom 2500A/B, MediaCom 2152F/G.
0.5 course required in third year: MediaCom 3025A/B or the former MediaCom 2025A/B.
~~1.5~~ **1.0 courses from**: MediaCom 3901F/G, MediaCom 3902F/G, **the former** MediaCom 4999F/G.
~~1.5~~ **2.0 courses** from: MediaCom 3110F/G, MediaCom 3215F/G, MediaCom 3218F/G, MediaCom 3221F/G, MediaCom 3832F/G, MediaCom 3931F/G, MediaCom 3932F/G, MediaCom 3933F/G, MediaCom 3935F/G, MediaCom 3936F/G.
0.5 additional course in MediaCom at the 2000 level or above.
0.5 additional course in MediaCom at the 3000 level.

~~Note: Students who entered the program prior to September 1, 2019 should consult the Academic Calendar in the year in which they were admitted to year 2 of the program for their requirements.~~

FACULTY OF LAW

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

LAW 5155
ORIENTATION TO LAW & THE LEGAL SYSTEM

Course Description
This blended course provides background for the study of law and an introduction to the Canadian legal system. Learning modules include elements of the modern legal system; statutory interpretation; alternative dispute resolution; the relationship of Indigenous Peoples to the legal system; the implementation of international law into domestic law; various legal theories and perspectives and their application.

Course Weight: 2.00

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

LAW 5370A
CRIMINAL LAW ADVOCACY

Course Description
Students participate in simulated exercises conducting interviews, plea negotiations, examinations-in-chief, cross-examinations, closing arguments, and speaking to sentence. The course also examines the lawyer/client relationship and professional and ethical issues arising in the practice of criminal law.

Course Weight: 4.00

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

LAW 5545A/C
CASE STUDIES IN BUSINESS LAW

Course Description
An examination of business situations in which significant legal problems arise because of financial insolvency. Case studies illustrate the legal problems which arise in the business environment. The course permits students in their final year to synthesize their business law courses in a problem solving format.

Course Weight: 6.00

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

LAW 5617A/D
PHARMACEUTICAL & HEALTH REGULATION

Course Description
This course discusses the health and pharmaceutical sectors from a variety of perspectives. It explores how intellectual property, licensing, personal data protection, federal and provincial initiatives and patient controls factor into the delivery of health services, as well as the respective roles of the public and private sectors.

Course Weight: 3.00

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

LAW 5705A/D
DISPUTE SETTLEMENT

Course Description
An examination of alternative dispute resolution (ADR) techniques including mediation, mini-trials, ombudspersons, fact finding, early neutral evaluation, and other alternatives to the litigation process. The course contrasts ADR with the litigation process, illustrating the greater control disputants have over their disputes by use of ADR.

Course Weight: 2.00

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

LAW 5711A/D
NEGOTIATION & INTERNATIONAL CONFLICT

Course Description
This seminar course provides students with the skills necessary to analyze the sources and nature of common types of conflict and the theory and practice of dispute resolution processes aimed at addressing such conflicts. It is taught through lectures and student participation in simulated negotiations.

Course Weight: 3.00

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

LAW 5730A/C/D
ADVANCED LEGAL ETHICS AND PROFESSIONALISM

Course Description
A seminar course covering advanced issues in legal ethics, the legal profession and elements of professionalism.

Course Weight: 2.00

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

LAW 5735A/D
FRANCAIS JURIDIQUE

Course Description
The course is aimed at developing a basic working knowledge of French legal terms and concepts in the context of legal practice in Ontario. Emphasis will be on developing oral and written skills and techniques through assignments, participation, and presentations in class.

Course Weight: 3.00

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

LAW 5747A/D
LAW IN THE AFTERMATH OF WAR

Course Description
This course concerns legal retribution and reconstruction after the Second World War. The first section will examine the legal history of the Nuremberg and Tokyo war crimes trials. The second will focus on the destruction and subsequent reconstruction of the constitutional order of Nazi Germany and Imperial Japan.

Antirequisite(s): Law 5859.

Course Weight: 3.00

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

LAW 5785
ADVANCED LITIGATION PRACTICE

Course Description
An advanced course that allows students to further develop their advocacy skills and to further understand specialized problems pertaining to litigation. Every student will be expected to handle a minimum number of files with Community Legal Services. A combination of seminars and exercises will help hone the students' skills.

Prerequisite(s): Law 5790.

Course Weight: 8.00

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

LAW 5790A/C/D
LITIGATION PRACTICE

Course Description
This course provides an introduction to civil litigation and covers such topics as file management, interviewing, research, writing, the court system, settlement processes, direct examination and cross examination. Students will participate in exercises designed to help them understand and develop litigation skills and will use simulated files or files from the legal clinic.

Course Weight: 4.00

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

LAW 5418A/D
DISRUPTIVE TECHNOLOGIES AND THE LAW

(Short Title: Disruptive Technologies & Law)

Course Description
This course explores a broad range of legal and policy challenges posed by frontier technologies, including artificial intelligence, machine learning, data governance, and others.

Antirequisite(s): Law 5814A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 4 lecture hours.
Course Weight: 4.00

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

LAW 5462A/D
LAW AND RELIGION

Course Description
This course will examine various aspects of Canadian law which can impact, and interact with, the lives of religious citizens – including members of diverse faith communities whom students may be called upon to advise in legal practice.

Antirequisite(s): Law 5822A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 3 lecture hours.
Course Weight: 3.00

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

LAW 5514A/D
THE (PRIVATE) PRACTICE OF LAW

Course Description
This course offers a comprehensive crash course on the realities of private practice and how to build a successful, sustainable career in a law firm.

Antirequisite(s): Law 5813A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 2 lecture hours.
Course Weight: 2.00

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

LAW 5573A/D
GENDERED VIOLENCE AND THE LAW

Course Description
This course allows for the critical examination of a number of fundamental issues relating to gender based violence, gender inequality, other social inequalities and contexts, and the nature and adequacies of legal responses and remedies.

Antirequisite(s): Law 5870A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 3 lecture hours.
Course Weight: 3.00

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

LAW 5602A/D
ACCOUNTING FOR LAWYERS

Course Description
This course provides a roadmap for the intersection of the legal and accounting worlds, answering the basic questions of what is accounting and why lawyers need to care about accounting.

Antirequisite(s): Law 5802A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 4 lecture hours.
Course Weight: 4.00

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

LAW 5611A/D
CONSTRUCTION LAW

Course Description
This course provides a comprehensive overview of Construction Law, including topics such as project delivery models, bidding and tendering, project security including bonding and insurance, construction contracts, and the Construction Act.

Antirequisite(s): Law 5811A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 3 lecture hours.
Course Weight: 3.00

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

LAW 5622A/D
PERSONAL INJURY LAW

Course Description
This course examines and offers instruction on the law of personal injury in Ontario from both plaintiff and defense perspectives.

Antirequisite(s): Law 5822A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 3 lecture hours.
Course Weight: 3.00

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

LAW 5638A/D
BIG TECH AND ANTITRUST

Course Description
The course examines whether current technological transformations require novel paradigms for antitrust policy.

Antirequisite(s): Law 5838A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 4 lecture hours.
Course Weight: 4.00

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

LAW 5649A/D
FOOD LAW

Course Description
This course provides an introduction to the legal rules and policies governing Canadian and global food systems.

Antirequisite(s): Law 5847A/C/D, if taken in 2024-25, 2025-26.

Extra Information: 4 lecture hours.
Course Weight: 4.00

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

LAW/CHEMICAL ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Chemical Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Chemical and Biochemical Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admissions Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2277A/B, CBE 2206A/B, CBE 2207A/B, CBE 2214A/B, CBE 2220A/B,

CBE 2221A/B, CBE 2224A/B, CBE 2290A/B, CBE 2291A/B, Statistical Sciences 2143A/B, Writing 2130F/G.

Third Year Program

CBE 3307A/B, CBE 3310A/B, CBE 3315A/B, CBE 3316A/B, CBE 3318A/B, CBE 3319A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3395Y, two 0.5 technical electives***

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

CBE 4497, two 0.5 Technical electives approved by the CBE program.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, economics and the thought processes in the Humanities and Social Sciences must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

LAW/CIVIL ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Civil Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Civil and Environmental Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admissions Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2277A/B, CEE 2202A/B, CEE 2217A/B, CEE 2219A/B, CEE 2220A/B,

CEE 2221A/B, CEE 2224, Earth Sciences 2281A/B, Statistical Sciences 2141A/B*, Writing 2130F/G.

* Note: A student may, with the permission of the department counsellor, substitute Statistical Sciences 2143A/B for Statistical Sciences 2141A/B.

Note: CEE 3324A/B (Surveying). This course is available each summer (15 days) and must be completed before a student may graduate from the Civil Engineering program.

Third Year Program

CEE 3321A/B, CEE 3322A/B, CEE 3340A/B, CEE 3343A/B, CEE 3344A/B, CEE 3346A/B, CEE 3347A/B, CEE 3348A/B, CEE 3358A/B, CEE 3369A/B, 0.5 non-technical elective.

Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

CEE 4424A/B, CEE 4426A/B, CEE 4441, CEE 4465A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, and economics must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350~~

~~Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

LAW/ELECTRICAL ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Electrical Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Electrical and Computer Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, Computer Science 1027A/B, ECE 2205A/B, ECE 2277A/B,

ECE 2231A/B, ECE 2233A/B, ECE 2236A/B, ECE 2240A/B, ECE 2241A/B, MME 2234A/B, Writing 2130F/G.

Third Year Program

Numerical and Mathematical Methods 3415A/B, ECE 3330A/B, ECE 3331A/B, ECE 3332A/B, ECE 3333A/B, ECE 3336A/B, ECE 3337A/B, ECE 3370A/B, ECE 3375A/B, ECE 3399A/B, Statistical Sciences 2141A/B, 0.5 non-technical elective.

Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

ECE 4416, ECE 4437A/B, the former ECE 4470A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, and the impact of technology on society must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

LAW/INTEGRATED ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Integrated Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, of the Integrated Engineering program with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, CBE 2220A/B, CBE 2221A/B, CEE 2220A/B, ECE 2277A/B, IE 2298, MME 2285A/B, MSE 2214A/B, Statistical Sciences 2143A/B, 0.5 non-technical elective*.
*Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website. The progression sequence of non-technical and technical electives may be changed to fulfill the pre-requisite requirements of desired technical electives, upon approval by the Program Director.

Third Year Program

CBE 2291A/B, CBE 3322A/B, CEE 2202A/B, CEE 2221A/B, MME 3374A/B or ECE 2238A/B, ELI 3000A/B or the former ES 3331A/B, ELI 3100A/B or ELI 3200A/B or the former ES 3330A/B, ELI 4110F/G or the former ES 4498F/G, MME 3379A/B or MSE 3301A/B, MSE 2213A/B, MSE 3360A/B, 0.5 non-technical elective*.

Fourth Year Program:

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs:

ELI 4100A/B or the former ES 4480A/B, ELI 4300A/B or ELI 4200A/B or the former ES 4481A/B, IE 4499 or the former ES 4499.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, and the impact of technology on society must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).

Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814~~ Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

LAW/MECHANICAL ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Mechanical Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option B, in the Department of Mechanical Engineering with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, MME 2200Q/R/S/T, MME 2202A/B, MME 2204A/B, MME

2213A/B, MME 2221A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, Writing 2130F/G.

Third Year Program

MME 3303A/B, MME 3307A/B, MME 3325A/B, MME 3334A/B, MME 3348A/B, MME 3350A/B, MME 3360A/B, MME 3374A/B, MME 3380A/B, MME 3381A/B.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

MME 4499, two 0.5 Technical electives approved by the MME program.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, and the impact of technology on society must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

LAW/MECHATRONIC SYSTEMS ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Mechatronic Systems Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first-year curriculum in the Faculty of Engineering, and the second and third-year program, Option C of the Mechatronic Systems Engineering Program, with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admissions Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, Computer Science 1037A/B, ECE 2205A/B, MSE

2200Q/R/S/T, MSE 2201A/B, MSE 2202A/B, MSE 2212A/B, MME 2213A/B, MSE 2214A/B, MSE 2221A/B, MSE 2233A/B, MSE 2273A/B.

Third-Year Program

ECE 2277A/B, ECE 3330A/B, ECE 3331A/B, ECE 3375A/B, MSE 3301A/B, MSE 3302A/B, MSE 3310A/B, MSE 3360A/B, MSE 3380A/B, MSE 3381A/B, Writing 2130F/G, 0.5 non-technical elective*.

Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Fourth-Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth-Year Programs

MSE 4499, MSE 4401A/B, Statistical Sciences 2141A/B or Statistical Sciences 2143A/B, one of ECE 4460A/B or ECE 4469A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, economics and the thought processes in the Humanities and Social Sciences must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties.

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

LAW/SOFTWARE ENGINEERING

Admission Requirements

Before entering the combined BESc/JD degree program, a student must have completed the first three years of the Software Engineering program at Western (or equivalent). In addition to applying for the combined degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, a student must also make a separate application to the Faculty of Law for admission into the JD program by the published deadline, May 1. The application to Law must indicate that the student is applying to the combined BESc/JD program.

Admission Criteria

To be eligible for the combined degree program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option C, of the Software Engineering program with either a minimum cumulative weighted average (CWA) of 80% or stand in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement established by the Law School Admission Committee for all combined degree programs.

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Module/Program Information

Engineering Common First Year Program

Full-year courses: Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y.
Half-year courses: Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B.

(Three of the half courses are taken in each term as scheduled)

Second Year Program

Numerical and Mathematical Methods 2270A/B, Numerical and Mathematical Methods 2276A/B, ECE 2277A/B, SE 2202A/B, SE 2203A/B, SE 2205A/B, SE

2250A/B, Mathematics 2151A/B, Statistical Sciences 2141A/B, Writing 2130F/G, one 0.5 non-technical elective from the approved list.

Third Year Program

ECE 3375A/B, ECE 4436A/B, SE 3309A/B, SE 3310A/B, SE 3313A/B, SE 3314A/B, SE 3316A/B, SE 3350A/B, SE 3351A/B, SE 3352A/B, SE 3353A/B, Physics 2300A/B.

Fourth Year Program

First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and Sixth Year Programs

SE 4450, SE 4452A/B, SE 4455A/B, SE 4472A/B.

In years five and six, students must take courses in Law totaling ~~45~~ **46** credit hours. These courses must include the four compulsory upper-year courses and courses that satisfy the Faculty of Law writing requirements. They must also include one of the courses listed below under “Economics” and one listed under “Impact of Technology on Society”.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to economics, ethical issues, the impact of technology on society, and the thought processes in the Humanities and Social Sciences must be taken as follows:

Economics: One of Law 5220 ~~Income Taxation~~, Law 5550 ~~Competition Law~~, Law 5555 ~~Corporate Finance~~, or another Law course approved by the Associate Dean (Academic).
Impact of Technology on Society: One of **Law 5350, Law 5600, Law 5610, Law 5625, Law 5630,** Law 5814 ~~Disruptive Technologies and the Law, Law 5615 Biotechnology Law, Law 5605 Advanced Issues in Technology Law, Law 5350 Media Law, Law 5600 Advanced Intellectual Property, Law 5620 Information Law, Law 5625 Intellectual Property, Law 5630 International Protection of Intellectual Property, Law 5610 Advanced Patent Law~~, or another Law course approved by the Associate Dean (Academic).

Progression Standards

Once admitted to the combined program, students are required to maintain a minimum year weighted average of 75% in their Engineering curriculum courses and a B- average in their Law courses.

Failure to Meet Progression Standards

A student who fails to meet the combined program progression standards in any year will be required to withdraw from the combined program. However, a student who has met the progression standards of either the Engineering or JD program, will be allowed to proceed to the next year of that program. If the progression standards of both individual programs have been satisfied, the student may continue in either program and may petition the Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that program or those programs.

Exchange Programs

Students enrolled in the combined program are not eligible for an exchange program with the Faculty of Engineering; however, they may be eligible for an exchange through the Faculty of Law in Year Five or Six. This will require advanced planning with both faculties

SCHULICH SCHOOL OF MEDICINE & DENTISTRY

BASIC MEDICAL SCIENCES UNDERGRADUATE EDUCATION

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

MEDICAL SCIENCES 4991F/G
LABORATORY SKILLS AND RESEARCH EXPERIENCES IN INTERDISCIPLINARY MEDICAL SCIENCES

Course Description
Major laboratory course for the Honours Specialization in Interdisciplinary Medical Sciences. This course focuses on experimental design; research literacy; practical laboratory skills; data analysis and interpretation; and scientific communication. Students will engage both independently and collaboratively in authentic learning experiences and practice critical ongoing reflection.

Antirequisite(s): Medical Sciences 4990E, the former Medical Sciences 4900F/G/Z.

Prerequisite(s): A course from Group 3 in the Honours Specialization in Interdisciplinary Medical Sciences (IMS), and permission of the IMS Director.
Corequisite(s): one of Medical Sciences 4930F/G or Medical Sciences 4931F/G must be taken concurrently.

Extra Information: 2 lecture/tutorial hours or equivalent online delivery/week and 4 laboratory hours/week. Restricted to students in the Combined BMSc (IMS)/HBA program who are completing an Ivey exchange in second term of Year 5 and to students in Year 4 of the Honours Specialization in IMS completing an approved first-term exchange.
Course Weight: 0.50

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

MEDICAL SCIENCES 4995E
COMMUNITY-ENGAGED LEARNING AND RESEARCH SKILLS IN INTERDISCIPLINARY MEDICAL SCIENCES

Course Description
This capstone course focuses on science literacy, scientific communication, biological and societal influences on health, evidence-based approaches, identifying and meeting the needs of stakeholders, and interdisciplinary interventions. Students engage both independently and collaboratively in authentic learning experiences and practice critical ongoing reflection.

Antirequisite(s): Biochemistry 4955E, Medical Sciences 4990E, the former Medical Sciences 4300A/B.

Prerequisite(s): A course from Group 3 in the Honours Specialization in Interdisciplinary Medical Sciences (IMS) and registration in Year 4 of an Honours Specialization in IMS. **Corequisite(s):** Medical Sciences 4930F/G must be taken concurrently.

Extra Information: 2 lecture hours or equivalent online delivery/week and 4 seminar hours/week.
Course Weight: 1.00

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

MEDICAL SCIENCES 4200A/B
~~INFLAMMATION IN DISEASES~~ **DESIGN THINKING FROM CELLS TO SYSTEMS**

(Short Title: Design Thinking, Cells-Systems)

Course Description
This course is an interdisciplinary study of inflammation **from cellular-based mechanisms to whole-system diseases. Online components will focus on foundational knowledge of inflammation and autoimmunity. In class, students will apply knowledge through case studies and work in teams to develop a patient-centred intervention using the design thinking framework.** ~~It will include the pathophysiological and biochemical origins of inflammation, the epidemiology of inflammatory diseases, various cancers, CNS inflammatory disorders, pain and therapeutic targets. Course content will be presented through online learning modules and in-class sessions will focus on knowledge application.~~

Prerequisite(s): Enrolment in Year 4 of ~~an~~ **the** Honours Specialization **or the Major** ~~module~~ in Interdisciplinary Medical Sciences (IMS).

Extra Information: 2 lecture/tutorial hours per week.
Course Weight: 0.50

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

MEDICAL SCIENCES 4930~~F/G~~A/B
~~INTERDISCIPLINARY THINKING AND RESEARCH LITERACY IN MEDICAL SCIENCES~~ **INTERDISCIPLINARY PERSPECTIVES IN MEDICAL SCIENCES**

(Short Title: Interdisc Perspectives Med Sci)

Course Description
~~This capstone course investigates selected topics in medical science research. Students learn about human diseases/conditions that impact health systems (e.g., diabetes, cancer, neurodegenerative disease, etc.) from disciplinary lenses and engage in discussions about the academic publication process. Students develop research literacy, critical and interdisciplinary thinking, and communication skills.~~ **This course investigates selected topics in medical science by focusing on a disease or condition that impacts health systems and examining it through interdisciplinary perspectives and evidence from different disciplines. Students will strengthen communication skills and hear from experts who share insights on challenges and emerging directions in medical science.**

Antirequisite(s): Medical Sciences 4931F/G.

Prerequisite(s): ~~A course from Group 3 in the Honours Specialization in Interdisciplinary Medical Sciences (IMS) and~~ Registration in Year 4 of a ~~Honours Specialization in~~ **module in** IMS. ~~Corequisite(s): One of Medical Sciences 4990E, Medical Sciences 4991F/G, Medical Sciences 4995E must be taken concurrently.~~

Extra Information: ~~Blended course,~~ 2 lecture hours~~, 1 tutorial hour or online equivalent~~ per week.
Course Weight: 0.50

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

MEDICAL SCIENCES 4990E
~~LABORATORY SKILLS AND RESEARCH EXPERIENCES IN INTERDISCIPLINARY MEDICAL SCIENCES~~ **ADVANCED LABORATORY AND RESEARCH IN MEDICAL SCIENCES**

(Short Title: Advanced Lab and Research)

Course Description
~~Major laboratory course for the Honours Specialization in Interdisciplinary Medical Sciences. This course focuses on experimental design; research literacy; practical laboratory skills; data analysis and interpretation; and scientific communication. Students will engage both independently and collaboratively in authentic learning experiences and practice critical ongoing reflection.~~ **This advanced laboratory course develops research and inquiry skills in medical sciences through experimental, literature-based, and simulation learning. Students design and optimize experiments, analyze and interpret interdisciplinary evidence across scientific contexts, engage in ethical decision-making, communicate scientific findings, and apply results to complex scientific problems while working independently and collaboratively.**

Antirequisite(s): The former Medical Sciences 4900F/G/Z, the former Medical Sciences 4991F/G, **the former** Medical Sciences 4995E~~, the former Medical Sciences 4900F/G/Z~~.

Prerequisite(s): ~~A course from Group 3 in the Honours Specialization in Interdisciplinary Medical Sciences (IMS)~~ **Medical Sciences 3990E** and registration in Year 4 of ~~an~~ **the** Honours Specialization in IMS. ~~Corequisite(s): Medical Sciences 4930F/G must be taken concurrently.~~

Extra Information: 2 lecture/tutorial hours or equivalent online delivery/week and 4 laboratory hours/week.
Course Weight: 1.00

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

HONOURS SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

This module leads to a 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 the 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.
1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.
0.5 course: Chemistry 2213A/B.
0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.

Module
10.0 courses:

0.5 course: Biochemistry 2280A.
1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.

0.5 course: Chemistry 2213A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
2.0 courses from Group 1.
(these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).
0.5 additional course from Group 1 or 2 or Chemistry numbered 2100-3999.
2.5 courses: Medical Sciences 3391A/B, Medical Sciences 3990E, Medical Sciences 4200A/B, Medical Sciences 4930~~F/G~~**A/B**.
1.0 course: Medical Sciences 4990E.
1.0 additional course at the 4000-level from the following basic medical science subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, One Health, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A, the former Medical Biophysics 3505F, the former Medical Biophysics 3507G, the former Microbiology and Immunology 3100A.

Group 2 (see notes below): Anatomy and Cell Biology 3201A/B, Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Biochemistry 3392F/G, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Medical Bioinformatics 3100A/B, Medical Biophysics 3518B, Medical Biophysics 3820B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, the former Medical Biophysics 3645A/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 6.0 modular courses by the end of Year 3:

- Biochemistry 2280A;
- Biology 2581A/B, Biology 2382A/B and Biology 2290F/G;
- Chemistry 2213A/B;
- 0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B;
- 2.0 courses from Group 1; and
- Medical Sciences 3990E.

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

BMSc students who are not registered in Year 3 of the Honours Specialization in IMS 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:

SPECIALIZATION IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

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

Admission Requirements

Admission to this 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 Specialization module.

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 courses below must be completed with a minimum mark of 60% in each prior to admission to the Specialization module in Year 3. These courses will also be used towards the Module requirements. See ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM and MODULES OFFERED IN THE BMSc PROGRAM for additional requirements (averages, course load, etc.).

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

Module
9.5 courses:

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

2.0 courses from Group 1 (these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).
1.0 additional course from Groups 1, 2, and courses numbered 2100-3999 in Chemistry (up to a maximum of an additional 0.5 course in Chemistry).
1.0 course from: Biochemistry 3380G, Medical Biophysics 3980E, Medical Sciences 3990E, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Physiology and Pharmacology 3000E, an additional 0.5 course from Group 1 or 2, or the former Medical Biophysics 3970Z.
0.5 course from: **Medical Sciences 4930A/B,** Medical Sciences 4931F/G.
2.0 additional courses at the 4000-level *from at least two of the following subject areas:* Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, One Health, Pathology, Pharmacology, Physiology, Physiology and Pharmacology. Note: a maximum of 1.5 of these 4000-level courses can be selected from one subject area.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A, the former Medical Biophysics 3505F, the former Medical Biophysics 3507G, the former Microbiology and Immunology 3100A.

Group 2 (see Note~~s~~ below): Anatomy and Cell Biology 3201A/B, Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Biochemistry 3392F/G, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Medical Bioinformatics 3100A/B, Medical Biophysics 3518B, Medical Biophysics 3820B, Medical Sciences 3391A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, the former Medical Biophysics 3645A/B.

Note:

See UNDERGRADUATE COURSE INFORMATION for course requisites and the BMSc website for information about constraints (priority and restricted access) for all basic medical science courses.

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

MAJOR IN INTERDISCIPLINARY MEDICAL SCIENCES (IMS)

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.

This Major may only be completed in a Bachelor of Medical Sciences (BMSc) degree, either in combination with another basic medical science Major (Double Majors) or in addition to an Honours Specialization or Specialization module. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Admission Requirements

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 the Major module. 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.

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

Module
6.0 courses:

0.5 course: Biochemistry 2280A.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
0.5 course: Biology 2290F/G.
0.5 course from: Biology 2382A/B, Biology 2581A/B, Chemistry 2213A/B.
1.0 course from Group 1 or 2.
~~2.0 courses: Medical Sciences 3990E, Medical Sciences 4200A/B, Medical Sciences 4931F/G.~~
1.0 course: Medical Sciences 3990E*.
0.5 course: Medical Sciences 4930A/B or Medical Sciences 4931F/G.
0.5 course from: Medical Sciences 4200A/B, 4000-level courses in Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Microbiology and Immunology, One Health, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.
1.0 course from: Medical Sciences 4000E, additional courses from Groups 1 and 2, 4000-level courses in Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Microbiology and Immunology, One Health, Pathology, Pharmacology, Physiology, Physiology and Pharmacology***.

***A student may substitute 1.0 course from group 1 in place of Medical Sciences 3990E in the Major in IMS *only* if one of the following courses is taken:**

Biochemistry 3380G, Medical Biophysics 3980E, Microbiology and Immunology 3610F, Physiology and Pharmacology 3000E, and *only* if the student is also completing one of the following Majors in a BMSc degree: Biochemistry, Microbiology and Immunology, Pharmacology, or Physiology.

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

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A, the former Medical Biophysics 3505F, the former Medical Biophysics 3507G, the former Microbiology and Immunology 3100A.

Group 2: Anatomy and Cell Biology 3201A/B, Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Biochemistry 3392F/G, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Medical Bioinformatics 3100A/B, Medical Biophysics 3518B, Medical Biophysics 3820B, Medical Sciences 3391A/B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, the former Medical Biophysics 3645A/B.

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:

- Biochemistry 2280A;
- 0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B;
- Biology 2290F/G;
- 0.5 course from: Biology 2382A/B, Biology 2581A/B, Chemistry 2213A/B;
- 1.0 course from Group 1 or 2; and
- Medical Sciences 3990E.

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.

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

HONOURS BMSc INTERDISCIPLINARY MEDICAL SCIENCES/HBA

The Ivey Business School, the Schulich School of Medicine & Dentistry, and the Faculty of Science administer these combined degrees.

Admission Requirements

Structure of the Combined Degree

The completion of the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program usually takes five academic years.

Students apply for admission to the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program during the first year of the HBA (HBA1), typically their third year of university. See ADMISSION REQUIREMENTS FOR THE HONOURS BUSINESS ADMINISTRATION (HBA) PROGRAM.

Once in HBA1, students must satisfy the following conditions to be eligible for admission to the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program:

- be admitted to Year 3 of the Bachelor of Medical Sciences (BMSc) Program [see the policy on Admission to the Bachelor of Medical Sciences (BMSc) Program],
- achieve a minimum average of 75% on the 2000-level Admission Requirements for the Honours Specialization in Interdisciplinary Medical Sciences (IMS) (Biochemistry 2280A, Biology 2290F/G, Biology 2382A/B, Biology 2581A/B, Chemistry 2213A/B and either Biology 2244A/B or Statistical Sciences 2244A/B), with no mark less than 60% in any of these half courses,
- achieve a minimum average of 80% in the 10.0 courses completed prior to admission to HBA, and
- achieve a minimum weighted rounded average of 78% in HBA1.

Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM. Students are encouraged to complete their BREADTH REQUIREMENT FOR BACHELOR DEGREES by the end of Year 2.

In Year 3, students enroll in the first year of the HBA program. Demonstrated participation in extracurricular and/or community activities, leadership, and work experience are admission criteria for the HBA, in addition to academic achievement.

For Years 4 and 5, students register in the Schulich School of Medicine & Dentistry and the Ivey School of Business in the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program.

Below is a brief outline of the requirements for the combined degree program.

Admission Requirements

Applications for the combined degrees must be made during HBA1 to the HBA program and the BMSUE Coordinator by the published deadlines for Ivey. The Ivey School's Advanced Entry Opportunity (AEO) students are also eligible to apply to the combined degrees. Entrance to the combined degrees is competitive and limited.

Module/Program Information

Year 3: HBA1

The third year of the undergraduate program in Business Administration consists of an integrated set of courses (7.5 courses) designed to give a basic understanding of the functions and the interrelationships of the major areas of management, as well as to develop problem-solving and action-planning skills.

> All students will take: Business Administration 3300K, Business Administration 3301K, Business Administration 3302K, Business Administration 3303K, Business Administration 3304K, Business Administration 3311K, Business Administration 3316K, Business Administration 3321K, Business Administration 3322K, Business Administration 3323K.

No substitute for any of the above courses is permitted under any circumstances.

Years 4 and 5 (HBA Requirements can be taken over year 4 or 5 - except Business Administration 4569 must be taken in Year 4)

2.5 courses:

- International Perspective Requirement: Business Administration 4505A/B (0.5 course).
- Corporations and Society Perspectives Requirement: At least one 0.5 course from Business Administration - Corporations and Society designated electives offered during the academic year (Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4588A/B, Business Administration 4625A/B)or other business elective as determined and approved by the HBA Program Director to satisfy this requirement.

- Managerial Accounting Requirement: Business Administration 4624A/B (0.5 course).
- Applied Project Requirement: Business Administration 4569 (1.0 course).

2.5 additional business elective courses.

Years 4 and 5: BMSc requirements for the Honours Specialization in Interdisciplinary Medical Sciences (IMS)

Year 4

2.0 courses from Group 1 (these 2.0 Group 1 courses cannot all be from the same subject area, e.g., these 2.0 Group 1 courses cannot all be Anatomy and Cell Biology courses).
0.5 additional course from Group 1 or 2 or Chemistry numbered 2100-3999.
1.5 courses: Medical Sciences 3391A/B, Medical Sciences 3990E.

A maximum of 0.5 course from either Chemistry numbered 2100-3999 or Groups 1-2 that is completed prior to admission to the combined program course may be used toward the Year 4 BMSc (IMS) requirements. Any additional course(s) completed prior to admission to the combined program may be used toward the Year 4 BMSc (IMS) requirements only if an additional optional course(s) is completed. A maximum of 0.5 of the courses listed in the Year 4 BMSc (IMS) requirements may be deferred until Year 5.

Group 1: Anatomy and Cell Biology 2200A/B, Anatomy and Cell Biology 3200A/B, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F, Medical Biophysics 3501A, Medical Biophysics 3467B, Medical Biophysics 3503G, Medical Biophysics 3720A, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3200B, Microbiology and Immunology 3300B, Microbiology and Immunology 3400A, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A.

Group 2: Anatomy and Cell Biology 3201A/B, Anatomy and Cell Biology 3329A/B, Biochemistry 3385B, Biochemistry 3386B, Biochemistry 3390B, Biochemistry 3392F/G, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Medical Bioinformatics 3100A/B, Medical Biophysics 3518B, Medical Biophysics 3820B, Microbiology and Immunology 3500B, Neuroscience 2000, One Health 3300A/B, One Health 3600A/B, Pharmacology 2060A/B, the former Medical Biophysics 3645A/B.

Year 5

1.0 course: Medical Sciences 4990E. ~~Students participating in the Ivey exchange will take Medical Sciences 4991F and an additional half course at the 4000-level from the basic medical science subject areas below in place of Medical Sciences 4990E.~~
0.5 course: Medical Sciences 4930~~F/G~~**A/B**.
0.5 course: Medical Sciences 4200A/B. ~~Students participating in the Ivey exchange will take Medical Sciences 4200A/B, if offered in first term, or an additional half course at the 4000-level from the basic medical science subject areas below if Medical Sciences 4200A/B is offered in second term, only.~~
1.0 additional course~~s~~ at the 4000-level from the following basic medical science subject areas: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, One Health, Pathology, Pharmacology, Physiology, Physiology and Pharmacology.

Notes:

4. Students registered in Year 4 of the Combined BMSc (Interdisciplinary Medical Sciences)/HBA Program in 2024-25 will satisfy the requirements as stated in the 2024-25 Academic Calendar.
5. See UNDERGRADUATE COURSE INFORMATION for the requisites for 3000- and 4000-level courses, and the BMSc website for information about constraints (priority and restricted access) for all basic medical science courses.
6. The breadth requirements of a BMSc degree must be satisfied. The essay requirement is satisfied with modular courses. See "Graduation Requirements for Honours Bachelor degrees".

Degree Requirements

Students registered in the combined degrees are expected to abide by all guidelines associated with each of the individual degrees.

Progression

Students in these combined degrees must meet the following progression standards:

Students enrolled in first year HBA (Year 3) must attain a minimum weighted rounded average of 78%. In Year 4, students must attain a minimum weighted average of 75% in their 4000-level HBA courses and a minimum cumulative modular average of 70% with no mark less than 60% in any modular courses required for the Honours Specialization in Interdisciplinary Medical Sciences

(IMS). In Year 5, students must attain a minimum weighted average of 75% in their 4000-level HBA courses and a minimum cumulative modular average of 70% with no mark less than 60% in any modular courses required for the Honours Specialization in Interdisciplinary Medical Sciences (IMS).

Failure to Meet Progression Standards

A student who fails to meet the progression standards in any year must withdraw from the combined degrees. With permission from the appropriate HBA Program Director and/or the Associate Dean, Basic Medical Sciences Undergraduate Education, Schulich School of Medicine & Dentistry, the student may continue in one degree, and request permission from the other School to complete the other degree at a later date.

A student who fails to meet the progression standards in any year of the combined degrees may appeal the decision in writing to either the HBA Program Director or the Associate Dean, Basic Medical Sciences Undergraduate Education, Schulich School of Medicine & Dentistry, depending upon the degree in which the progression standards were not met, in accordance with the University's policies on Academic Rights and Responsibilities.

Dean's Honour List

Students are considered for the Dean's Honour List in the Faculty of Science in Year 1 and 2.

Students who take courses required for the Honours Specialization in Interdisciplinary Medical Sciences (IMS) module totaling at least six half courses in Year 4 and six half courses in Year 5 of the combined degrees are considered for the Dean's Honour List in the Schulich School of Medicine & Dentistry in each of those years on the basis of those courses.

At the Richard Ivey School of Business, students are considered for the Dean's Honour List during their first year of HBA. Students enrolled in Years 4 and 5 of the combined degree program are considered for the Dean's Honour List in Year 5 only. Only grades obtained in 4000-level Business courses will be used in calculating averages for the purpose of determination of Dean's Honour List standing. The Dean's Honour List for HBA2 typically includes the top 25% of all of HBA2 and is determined by vote of the teaching faculty. Courses taken outside the Business School are excluded. Calculations for Ivey Scholar and Gold Medals are completed in the same way.

Graduation

Upon completion of the combined program, students will receive two degrees: a BMSc (Honours) degree with an Honours Specialization in Interdisciplinary Medical Sciences (IMS) and a BA in Honours Business Administration.

Fees

Students pay the prevailing fees as determined by the University policy on combined degrees.

International Exchange Programs

Students in the combined BMSc/HBA program may be eligible to participate in academic exchange programs (for HBA, only). Interested students should discuss exchange options with the HBA Program Office and the BMSUE Program Office.

DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

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

PATHOLOGY 4500B
INTRODUCTION TO FORENSIC SCIENCES

Course Description
Examination of the medicolegal framework investigating the nature and circumstance of certain deaths. These forensic investigations involve experts in different disciplines assisting the coroner and police in resolving cases. Forensic pathology examines the effects of disease, particularly in sudden death, and effects of various external agents on the human body.

Prerequisite(s): Pathology 3500 with a mark of at least 70% and registration in the Honours Specialization in Pathology.

Extra Information: 2 lecture hours.
Course Weight: 0.50

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

PATHOLOGY 3985A/B
SAMPLE TO SCREEN: FUNDAMENTALS OF HISTOPATHOLOGY

(Short Title: Fundamentals of Histopathology)

Course Description
Explores the journey of (pre)-clinical specimens from collection to digital analysis. Students learn and master the principles of tissue fixation, processing, alongside routine and special staining techniques. This course integrates hands-on laboratory experience with digital pathology, whole-slide imaging, and the application of artificial intelligence in histological interpretation and diagnostics.

Prerequisite(s): Registration in Year 3 or 4 of the Honours Specialization in Pathology.
Corequisite(s): Pathology 3500.

Extra Information: 3 hours per week (lecture and laboratory).
Course Weight: 0.50

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

PATHOLOGY 4600B
GENETIC AND EPIGENETIC BASIS OF HUMAN DISEASE

Course Description
This course encompasses the origins of genetic and epigenetics changes found in patients, manifestations of these in disease, and treatment approaches. Most disease scenarios will focus on inheritance of developmental and degenerative diseases. Mouse models will highlight causative changes as a complement to the analysis of human clinical examples.

Prerequisite(s): Biology 2581A/B; **one of Anatomy and Cell Biology 3309,** Pathology 3500 **or Physiology 3120**.

Extra Information: 2 lecture hours.
Course Weight: 0.50

DENTISTRY

The existing Dentistry courses below will be added to the Academic Calendar.

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

DENTISTRY 5125
OPERATIVE DENTISTRY I

Course Description
This course introduces students to operative dentistry, focusing on instrumentation, tooth preparation, and restorative techniques. Students perform simulated procedures involving less complex cavity preparations, restorations and preventive procedures across dental quadrants. Emphasis is placed on developing technical knowledge and skills, understanding dental materials, and preparing for more advanced procedures/patient care.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 123.5 total hours.
Course Weight: 1.00

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

DENTISTRY 5130
OCCLUSION I

Course Description
This course introduces students to basic concepts of occlusion, including jaw relationships, centric/eccentric contacts, and articulator use. Students perform waxing and grinding exercises to enhance their understanding and conceptual knowledge. Emphasis is placed on understanding occlusal form, tooth contacts across various jaw positions, and physiological tooth relationships.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 68 total hours.
Course Weight: 1.00

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

DENTISTRY 5188
CLINICAL PROCEDURES ~~I~~

Course Description
This is an introductory course to basic dental procedures including impressions and models, basic periodontal procedures and intraoral radiography.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 50.5 total hours.
Course Weight: 1.00

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

DENTISTRY 5220
CLINICAL EXPERIENCE ~~II~~

Course Description
This course builds on introductory clinic training, emphasizing infection control and clinic protocols. Students rotate through dental disciplines, observe and assist in fall, and perform procedures in winter, including Periodontics. They complete an OCA recall patient with senior student guidance, gaining hands-on experience and credit for clinical participation.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 69.5 total hours.
Course Weight: 1.00

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

DENTISTRY 5224
ORTHODONTICS I

Course Description
The course will address the definition of the orthodontic problem in contemporary society, etiology and epidemiology of malocclusion and required elements and analysis for diagnosing and treatment planning. It will introduce the students to tooth movement and biomechanics. Diagnosis and treatment planning modules will provide preclinical experience for clinical activities.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 14 total hours.
Course Weight: 1.00

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

DENTISTRY 5225
OPERATIVE DENTISTRY II

Course Description
This second-year course advances operative skills through complex direct and indirect restorations. Students integrate biological, mechanical, and clinical principles in managing hard tissue lesions and deep caries. Aligned with 5228, it emphasizes the interface between endodontics and operative dentistry for comprehensive dentin–pulp complex management in cavity preparation.

Prerequisite(s): Dentistry 5125 and registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 124.75 total hours.
Course Weight: 1.00

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

DENTISTRY 5230
OCCLUSION II

Course Description
This course explores the stomatognathic system, focusing on mandibular movement, masticatory function, and introduces related clinical topics. Students gain practical experience in impressions and jaw relation records. Understanding occlusion is essential for diagnosis and treatment planning across dental disciplines, forming a critical foundation for clinical decision-making.

Prerequisite(s): Dentistry 5130 and registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 25 total hours. Course Weight: 1.00

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

DENTISTRY 5233
PAEDIATRIC DENTISTRY I

Course Description
This course prepares students to examine and treat young patients, emphasizing prevention, therapy, and understanding oral disease. Through epidemiology, clinical practice, and mannequin exercises, students explore disease impact, etiology, and early detection. They gain experience in the Children's Clinic and learn the dental team's role in pediatric oral health.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 47 total hours. Course Weight: 1.00

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

DENTISTRY 5252
PERIODONTICS I

Course Description
This course builds on Oral Diseases I, covering anatomy, epidemiology, microbiology, diagnosis, and treatment planning in periodontology. Students gain hands-on experience with periodontal instruments in simulation. Five modules explore disease pathogenesis, classification, and prognosis, providing essential knowledge for clinical practice and advancing skills in periodontal examination and management.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 43.5 total hours.
Course Weight: 1.00

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

DENTISTRY 5320
CLINICAL PRACTICE I

Course Description
Students are assigned patients for comprehensive care and rotate through Out-of-Clinic Assignments for specific treatments. Supervised by faculty, learners work in designated cubicles, booking appointments, and managing cases. The course emphasizes hands-on experience, continuity of care, and clinical responsibility in preparation for real-world dental practice.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: No supplemental examinations will be permitted in the clinical component of the course. If by the end of the academic year, a student has a failing grade in a clinical discipline within the course, that student shall be given a grade of "Fail" in the course. In-person. 867 total hours.
Course Weight: 1.00

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

DENTISTRY 5324
ORTHODONTICS II

Course Description
This course focuses on diagnosing and planning orthodontic treatment for skeletal and non-skeletal issues in mixed and permanent dentition. Students explore comprehensive therapy, retention, and adult care. Preclinical online modules offer hands-on experience with complex cases, preparing learners for clinical orthodontic procedures and patient management.

Prerequisite(s): Dentistry 5224 and registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 19 total hours.
Course Weight: 1.00

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

DENTISTRY 5329
INTEGRATED RESTORATIVE I

Course Description
This course integrates foundational knowledge from prosthodontics, operative dentistry, endodontics, occlusion, and biomaterials through case-based and problem-based learning. It includes three modules: (1) Cariology and direct restorations, (2) Removable prosthodontics, and (3) Advanced restorative topics. Emphasis is placed on evidence-based practice, clinical guidelines, reflection, and lifelong learning.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 34 total hours.
Course Weight: 1.00

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

DENTISTRY 5333
PAEDIATRIC DENTISTRY II

Course Description
This course in Pediatric Dentistry builds on prior knowledge, focusing on treatment, prevention, and behavior guidance. Students explore intervention strategies, oral health in children with special needs, and apply interdisciplinary learning. Clinical skills are developed through lectures, case discussions, simulations, and recall sessions with real pediatric patients.

Prerequisite(s): Dentistry 5233 and registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 16 total hours.
Course Weight: 1.00

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

DENTISTRY 5335
ORAL DISEASES III

Course Description
This integrated course combines oral medicine, oral pathology and oral radiology to cover a variety of diseases that affect the hard and soft tissues of the mouth, head and neck.

Prerequisite(s): Dentistry 5235 and registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 30 total hours.
Course Weight: 1.00

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

DENTISTRY 5348
ORAL SURGERY I

Course Description
This course introduces oral and maxillofacial surgery, emphasizing patient assessment, surgical planning, and pain control. Students integrate medical histories, anatomy, and radiographic data to develop treatment plans. Through 42 lecture hours, they explore foundational sciences, anesthesia, sedation, and techniques essential for safe, effective surgical care and complication prevention.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 42 total hours.
Course Weight: 1.00

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

DENTISTRY 5352
PERIODONTICS II

Course Description
To provide a didactic and clinical foundation for the practice of periodontology for the general practitioner. An introduction to the biology of dental implants and impact on treatment planning will be explored.

Prerequisite(s): Dentistry 5252 and registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 26 total hours.
Course Weight: 1.00

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

DENTISTRY 5420
CLINICAL PRACTICE II

Course Description
This clinical course prepares students for comprehensive patient care in Canadian dental practice. Learners manage assigned patient portfolios, continue care from Year 3, and rotate through Out-of-Clinic Assignments. Supervised by faculty, students provide treatment in designated cubicles, gaining experience across disciplines, and developing clinical competence and responsibility.

Prerequisite(s): Dentistry 5320 and Registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: No supplemental examinations will be permitted in the clinical component of the course. If by the end of the academic year, a student has a failing grade in a clinical discipline within the course, that student shall be given a grade of "Fail" in the course. In-person. 726.5 total hours.
Course Weight: 1.00

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

DENTISTRY 5429
INTEGRATED RESTORATIVE II

Course Description
This course integrates three years of foundational knowledge in prosthodontics, operative dentistry, endodontics, occlusion, and biomaterials. Through case-based and team-based learning, students develop clinical reasoning to manage complications, explore advanced esthetic and conservative treatments, analyze current trends, and prepare for the virtual OSCE in restorative dentistry.

Prerequisite(s): Dentistry 5329 and registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 25 total hours.
Course Weight: 1.00

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

DENTISTRY 5448
ORAL SURGERY II

Course Description
This course builds on prior oral surgery training, emphasizing complex case management through integrated clinical and didactic learning. Using a case-based approach, students progress as clinical needs arise. Active participation in lectures and clinics is essential for mastering the art and science of oral and maxillofacial surgery.

Prerequisite(s): Dentistry 5348 and registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 13 total hours.
Course Weight: 1.00

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

DENTISTRY 5452
PERIODONTICS III

Course Description
This course reviews new classifications of periodontal and peri-implant diseases, explores restorative-periodontic interactions, and introduces evidence-based treatment guidelines for periodontitis from the 2021 EFP publication. Emphasis is placed on clinical application and integration of current standards into dental practice.

Prerequisite(s): Dentistry 5352 and registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 12 total hours.
Course Weight: 1.00

FACULTY OF SOCIAL SCIENCE

LINGUISTICS

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

HONOURS SPECIALIZATION IN LINGUISTICS

Admission Requirements

Completion of first year requirements with at least 75% average and a minimum mark of 60% in 3.0 principal courses including Linguistics 1027A/B or **the former** Anthropology 1027A/B ~~and Linguistics 1028A/B~~. Students must consult with one of the program Co-directors prior to admission. Enrolment in this module is limited. Meeting the minimum requirements does not guarantee admission.

Module
9.0 courses:

1.0 course: Linguistics 2247A/B and Linguistics 2248A/B. At least 75% in each course is required for progression in the module.
2.5 courses: Anthropology 3339F/G, Linguistics 2242A/B, Linguistics 4247A/B, Linguistics 4248A/B, Linguistics 4490F/G.
1.0 Language course~~(s)~~ to be selected in consultation with one of the Linguistics Co-directors.
1.5 courses from Formal approaches to language: ~~Anthropology 3237A/B,~~ Anthropology 3343A/B, **Anthropology 4415A/B,** Communication Sciences and Disorders 4411A/B, ~~Communication Sciences and Disorders 4439A/B,~~ French 2805A/B, French 2806A/B, French 3810A/B, French 3830A/B, ~~French 4811F/G, French 4821F/G, French 4830F/G, French 4841F/G, French 4881F/G,~~ Linguistics 2244A/B, Linguistics 3100A/B, Linguistics 3102A/B, Philosophy 3260F/G, Philosophy 3270F/G, Philosophy 4210F/G, Psychology 2134A/B, Spanish 3303A/B, Spanish 3318A/B, Spanish 3319A/B, Spanish 4415A/B**, the former Anthropology 3237A/B**.
1.5 courses from Social aspects of language: Anthropology 2245F/G, Anthropology 2249F/G, Anthropology 2251A/B, Anthropology 2252A/B, **Anthropology 2254A/B,** Anthropology 3243F/G, **Anthropology 3260F/G,** French 3870A/B, ~~French 4040A/B, French 4850F/G,~~ Spanish 3314F/G~~, Spanish 4412F/G~~.
1.5 additional courses from the following or any course from above not already taken: Anthropology 2246A/B, Anthropology 2250A/B, Anthropology 2253A/B, Anthropology 4412F/G, Classical Studies 2800A/B, English 3300, English 3310, French 4100F/G, Indigenous Studies 2253A/B, Linguistics 2130A/B, Linguistics 3340A/B, Linguistics 3390A/B, Philosophy 2020, Philosophy 2250, Philosophy 2260F/G, Psychology 3140F/G, Psychology 3141F/G, Psychology 3184F/G,

Spanish 2121A/B, ~~Spanish 2214A/B, Spanish 2956A/B-2960A/B,~~ or other courses by permission of the Program, the former Philosophy 3201A/B.

Note: Some courses are offered only in alternate years, and some have specific prerequisites. Students must consult one of the Co-Directors of the Inter-Faculty Program in Linguistics when planning their module. **Some Spanish courses are taught in English. Consult the Calendar.**

Module Requirements

Students who are enrolled in the Honours Specialization in Linguistics must maintain a minimum cumulative modular average of 75% with a minimum mark of 60% in each course and a passing grade in each option to progress in the module. In addition, students must attain at least 75% in Linguistics 2247A/B and Linguistics 2248A/B or the former Anthropology 2247A/B and the former Anthropology 2248A/B.

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

MAJOR IN LINGUISTICS

Admission Requirements

Completion of first-year requirements, including Linguistics 1027A/B or **the former** Anthropology 1027A/B ~~and Linguistics 1028A/B~~ with a mark of at least 60%.

Module
6.0 courses:

2.0 courses: Anthropology 3339F/G, Linguistics 2242A/B, Linguistics 2247A/B, Linguistics 2248A/B.
1.0 course~~s~~ from "Formal approaches to language": ~~Anthropology 3237A/B,~~ Anthropology 3343A/B, **Anthropology 4415A/B,** Communication Sciences and Disorders 4411A/B, ~~Communication Sciences and Disorders 4439A/B,~~ French 2805A/B, French 2806A/B, French 3810A/B, French 3830A/B, ~~French 4811F/G, French 4821F/G, French 4830F/G, French 4841F/G, French 4881F/G,~~ Linguistics 2244A/B, Linguistics 3100A/B, Linguistics 3102A/B, Philosophy 3260F/G, Philosophy 3270F/G, Philosophy 4210F/G, Psychology 2134A/B, Spanish 3303A/B, Spanish 3318A/B, Spanish 3319A/B, Spanish 4415A/B**, the former Anthropology 3237A/B**.
1.0 course~~s~~ from "Social aspects of language": Anthropology 2245F/G, Anthropology 2249F/G, Anthropology 2251A/B, Anthropology 2252A/B, **Anthropology 2254A/B,** Anthropology 3243F/G, **Anthropology 3260F/G,** French 3870A/B, ~~French 4040A/B, French 4850F/G,~~ Spanish 3314F/G~~, Spanish 4412F/G~~.
2.0 additional courses from the following or any course from above not already taken: Anthropology 2246A/B, Anthropology 2250A/B, Anthropology 2253A/B, Anthropology 4412F/G, Classical Studies 2800A/B, English 3300, English 3310, French 4100F/G, Indigenous Studies 2253A/B, Linguistics 2130A/B, Linguistics 3340A/B, Linguistics 3390A/B, Linguistics 4490F/G, Philosophy 2020, Philosophy 2250, Philosophy 2260F/G, Psychology 3140F/G, Psychology 3141F/G, Psychology 3184F/G, ~~Spanish 2214A/B, Spanish 2956A/B-2960A/B,~~ or other courses by permission of the Program, the former Philosophy 3201A/B.

Note: Some courses are offered only in alternate years. Students are advised to consult one of the Co-Directors of the Inter-Faculty Program in Linguistics when planning their module. **Some Spanish courses are taught in English. Consult the Calendar.**

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

MINOR IN LINGUISTICS

Admission Requirements

Completion of first-year requirements, including Linguistics 1027A/B or **the former** Anthropology 1027A/B ~~and Linguistics 1028A/B~~ with a mark of at least 60%.

Module
4.0 courses

1.0 course~~s~~: Linguistics 2247A/B, Linguistics 2248A/B.
0.5 course: Anthropology 3339F/G or any 3000-level course from the categories "Formal approaches to language" or "Social aspects of language" not already taken.
0.5 course from "Formal approaches to language": ~~Anthropology 3237A/B,~~ Anthropology 3343A/B, **Anthropology 4415A/B,** Communication Sciences and Disorders 4411A/B, ~~Communication Sciences and Disorders 4439A/B,~~ French 2805A/B, French 2806A/B, French 3810A/B, French 3830A/B, ~~French 4811F/G, French 4821F/G, French 4830F/G, French 4841F/G, French 4881F/G,~~ Linguistics 2242A/B, Linguistics 2244A/B, Linguistics 3100A/B, Linguistics 3102A/B, Philosophy 3260F/G, Philosophy 3270F/G, Philosophy 4210F/G, Psychology 2134A/B, Spanish 3303A/B, Spanish 3318A/B, Spanish 3319A/B, Spanish 4415A/B**, the former Anthropology 3237A/B**.
0.5 course from "Social aspects of language": Anthropology 2245F/G, Anthropology 2249F/G, Anthropology 2251A/B, Anthropology 2252A/B, **Anthropology 2254A/B,** Anthropology 3243F/G, **Anthropology 3260F/G,** French 3870A/B, ~~French 4040A/B, French 4850F/G,~~ Spanish 3314F/G~~, Spanish 4412F/G~~.
1.5 additional courses from the following or any course from above not already taken: Anthropology 2246A/B, Anthropology 2250A/B, Anthropology 2253A/B, Anthropology 4412F/G, Classical Studies 2800A/B, English 3300, English 3310, French 4100F/G, Indigenous Studies 2253A/B, Linguistics 2130A/B, Linguistics 3340A/B, Linguistics 3390A/B, Linguistics 4490F/G, Philosophy 2020, Philosophy 2250, Philosophy 2260F/G, Psychology 3140F/G, Psychology 3141F/G, Psychology 3184F/G, Spanish 2121A/B, ~~Spanish 2214A/B, Spanish 2956A/B-2960A/B,~~ or other courses by permission of the Program, the former Philosophy 3201A/B.

Note: Some courses are offered only in alternate years. Students are advised to consult one of the Co-Directors of the Inter-Faculty Program in Linguistics when planning their module. **Some Spanish courses are taught in English. Consult the Calendar.**

FACULTY OF SCIENCE

DEPARTMENT OF BIOLOGY

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

HONOURS SPECIALIZATION IN BIOLOGY

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:

Biology 1001A and Biology 1002B; Chemistry 1301A/B and Chemistry 1302A/B; plus 1.0 additional course, with no mark in any of these principal courses below 60%.

0.5 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B; the former Physics 1028A/B, the former Physics 1301A/B.

1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B or Mathematics 1600A/B, Data Science 1000A/B, Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Statistical Sciences 1024A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

Note: If not completed in Year 1, the Mathematics requirement must be completed by the end of Year 2.
If not completed in Year 1, the Physics requirement must be completed by the end of Year 2.

Note: Physics 1101A/B with a minimum mark of 65% can be used to replace Physics 1201A/B.

Module
10.0 courses:

2.5 courses: Biochemistry 2280A, Biology 2290F/G, Biology 2382A/B, Biology 2483A/B, Biology 2581A/B.
0.5 course: Chemistry 2213A/B.
0.5 course: Biology 2601A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.

4.0 courses at the 2200 level or above*, chosen from the Department of Biology**, Earth Sciences 3369A/B,** and the Basic Medical Sciences disciplines (see below), of which at least 3.0 courses must be chosen from the Department of Biology. A maximum of 1.0 course may be at the 2200-2999 level and at least 1.5 of these courses must have a laboratory component.
1.5 courses from any 4000-level Biology course.
0.5 courses from the following: Biology 4920F/G, Biology 4944F/G, the former Biology 4930F/G, the former Biology 4931F/G (Students registered in Biology 4999E can satisfy this 0.5 credit with any 4000-level Biology course).

Basic Medical Sciences Disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, **Medical Bioinformatics,** Medical Biophysics, **Medical Sciences,** Microbiology and Immunology, **One Health,** Pathology, Physiology, **Physiology and Pharmacology,** and Pharmacology.

Courses in History of Science are not included. **Courses in History of Science cannot be used to fulfil module requirements.**

Notes:

1. Many 4000-level Biology courses require the completion of 1.5 Biology courses at the 3000-level or above.

2. Students with specific Biology interests should visit the departmental website for course recommendations in various disciplines or contact a Biology Academic Advisor.

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

SPECIALIZATION IN BIOLOGY

Admission Requirements

Completion of first year requirements including a minimum mark of 60% in each of Biology 1001A and Biology 1002B.

1.0 course: Chemistry 1301A/B and Chemistry 1302A/B.

0.5 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B; the former Physics 1028A/B, the former Physics 1301A/B.

1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B or Mathematics 1600A/B, Data Science 1000A/B, Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Statistical Sciences 1024A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

Note: If not completed in Year 1, the Mathematics requirement must be completed by the end of Year 2.
If not completed in Year 1, the Physics requirement must be completed by the end of Year 2.

Note: Physics 1101A/B with a minimum mark of 65% can be used to replace Physics 1201A/B.

Module
9.0 courses:

2.5 courses: Biochemistry 2280A, Biology 2290F/G, Biology 2382A/B, Biology 2483A/B, Biology 2581A/B.
0.5 course: Chemistry 2213A/B.
0.5 course: Biology 2601A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
5.0 courses at the 2200 level or above~~*~~, chosen from the Department of Biology**, Earth Sciences 3369A/B,** and Basic Medical Sciences disciplines (see below), of which at least 4.0 courses must be chosen from the Department of Biology~~,~~**.** A maximum of 1.0 course may be at the 2200-2999 level and at least 1.5 of these 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.~~
Basic Medical Sciences Disciplines: Anatomy and Cell Biology, Biochemistry, Epidemiology and Biostatistics, Medical Bioinformatics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, One Health, Pathology, Physiology, Physiology and Pharmacology, and Pharmacology.

~~Courses in the History of Science are not acceptable.~~ **Courses in History of Science cannot be used to fulfil module requirements.**

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

HONOURS SPECIALIZATION IN BIODIVERSITY AND CONSERVATION

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:

Biology 1001A and Biology 1002B; Chemistry 1301A/B and Chemistry 1302A/B; plus 1.0 additional course, with no mark in any of these principal courses below 60%.

0.5 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B; the former Physics 1028A/B, the former Physics 1301A/B.

1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B or Mathematics 1600A/B, Data Science 1000A/B, Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B; Statistical Sciences 1024A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

Note: If not completed in Year 1, the Mathematics requirement must be completed by the end of Year 2.
If not completed in Year 1, the Physics requirement must be completed by the end of Year 2.

Note: Physics 1101A/B with a minimum mark of 65% can be used to replace Physics 1201A/B.

Module

10.0 courses:

2.5 courses: Biology 2483A/B, Biology 2601A/B, Biology 2581A/B, Biology 2290F/G, Biology 2382A/B.
0.5 course: Biochemistry 2280A.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
0.5 course from: Chemistry 2213A/B, Chemistry 2210A/B.
2.0 courses: Biology 3484A/B, Biology 3445F/G, Biology 3440A/B, Biology 3442F/G.
0.5 course from: Biology 3220Z, Biology 3230F/G, Biology 3403A/B.
0.5 course from: Biology 3218F/G, Biology 3404F/G, Biology 3229F/G, Biology 4420A/B.

0.5 course from: Biology 3444A/B, Biology 3466A/B.
0.5 course from: Biology 3415F/G, Biology 3425F/G, Biology 4405A/B.
0.5 course: Biology 4289A/B.
0.5 course from: Biology 3450F/G, Biology 4230A/B, Biology 4412F/G.
1.0 course from: Biology 3435F/G, Biology 3436F/G, Biology 3446A/B, Biology 3475A/B, Biology 4200A/B, Biology 4259F/G, Biology 4944F/G Biology 4970F/G, Biology 4999E, **Earth Sciences 3369A/B,** Geography 2133A/B, Geography 3352A/B, Geography 3441F/G, Geography 3445F/G, or courses above if not already taken.

Notes:

1. The module will be 10.5 courses if Biology 4999E is chosen.
2. Some module courses require prerequisite offerings that are not themselves part of the module.

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

MAJOR IN ECOSYSTEM HEALTH

Admission Requirements

Completion of first year requirements, including Biology 1001A and Biology 1002B with a mark of at least 60% in each.

Chemistry 1301A/B and Chemistry 1302A/B.

0.5 course from: Physics 1201A/B, Physics 1401A/B, Physics 1501A/B; the former Physics 1028A/B, the former Physics 1301A/B.

1.0 course from: Calculus 1000A/B, or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Data Science 1000A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B or Mathematics 1600A/B, Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B.

Notes:

1. If not completed in Year 1, the Mathematics requirement must be completed by the end of Year 2.
2. If not completed in Year 1, the Physics requirement must be completed by the end of Year 2.
3. Physics 1101A/B with a minimum mark of 65% can be used to replace Physics 1201A/B.

Module
6.0 courses:

2.0 courses: Biology 2290F/G, Biology 2483A/B, Biology 2485A/B, Biology 3484A/B, Biology 4218A/B.
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.
1.0 course~~s~~ from: Biology 3442F/G, Chemistry 2210A/B, Environmental Science 2300F/G, the former Environmental Science 3300F/G.
1.0 course from: Biology 3415F/G, Biology 3450F/G, Biology 4218A/B, **Earth Sciences 3369A/B,** Geography 2133A/B, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3500B, One Health 3300A/B.
0.5 course from: Geography 2430A/B, Geography 3431A/B, Pathology 3500*, Pathology 4400A/B, Sociology 2246A/B.
1.0 course: Biology 4230A/B, Biology 4405A/B.

*If students take Pathology 3500, the module becomes 6.5 courses.

Note: At least 3.5 courses taken in the module must be from the Faculty of Science.

DEPARTMENT OF EARTH SCIENCES

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

EARTH SCIENCES 3312A/B
ORIGIN OF METEORITES AND PLANETARY MATERIALS

Course Description
This course reviews the origin and evolution of our solar system and formation of the rocky planets and other bodies by examining dynamical evidence and meteorites. We examine meteorite mineralogy and textures using optical microscopy, X-ray diffraction and geochemical data. We also examine Earth impacts, the moon and Mars.

Prerequisite(s): Earth Sciences 2200A/B, Earth Sciences 2206A/B.
Corequisite(s): Earth Sciences 2230A/B or enrolment in a Planetary Science module with permission from department.

Extra Information: 2 lecture hours, 3 laboratory hours.
Course Weight: 0.50

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

Earth Sciences 3313A/B
IGNEOUS PETROLOGY

Course Description
Study of igneous processes using rock and thin section descriptions (petrography). Discussion of how different compositions and conditions influence the phases present in a rock (phase equilibria). Association of different rock types with plate tectonic setting.

Antirequisite(s): Earth Sciences 3316A/B.

Prerequisite(s): Earth Sciences 2206A/B.

Extra Information: 2 lecture hours, 3 laboratory hours.
Course Weight: 0.50

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

EARTH SCIENCES 3315A/B
METAMORPHIC PETROLOGY

Course Description
Study of metamorphic processes using rock and thin section descriptions (petrography). Discussion of factors that control the mineralogy and physical attributes of different metamorphic rocks (e.g., temperature, pressure, composition, fluids). Use of phase equilibria and geochronology to understand metamorphic histories. Association of different rock types with plate tectonic setting.

Antirequisite(s): Earth Sciences 3316A/B.

Prerequisite(s): Earth Sciences 2230A/B and Earth Sciences 3313A/B or permission of the Department.

Extra Information: 2 lecture hours, 3 laboratory hours.
Course Weight: 0.50

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

EARTH SCIENCES 3321A/B
EARTH'S INTERIOR

Course Description
An introduction to physics of the Earth's interior. Major topics are: Earth structure from seismic observations, heat flow, the physics of minerals under high temperatures and pressures, equations of state, seismological, thermal and compositional models.

Prerequisite(s): Earth Sciences 2220A/B.

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

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

EARTH SCIENCES 4312A/B
ORIGIN OF METEORITES AND PLANETARY MATERIALS

(Short Title: Origin of Planetary Materials)

Course Description
This course reviews the origin and evolution of our solar system and formation of the rocky planets and other bodies by examining dynamical evidence and meteorites. We examine meteorite mineralogy and textures using optical microscopy, X-ray diffraction and geochemical data. We also examine Earth impacts, the moon and Mars.

Antirequisite(s): The former Earth Sciences 3312A/B.

Prerequisite(s): Earth Sciences 2200A/B, Earth Sciences 2206A/B.
Corequisite(s): Earth Sciences 2230A/B or enrolment in a Planetary Science module with permission from department.

Extra Information: 2 lecture hours, 3 laboratory hours.
Course Weight: 0.50

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

EARTH SCIENCES 4321A/B
EARTH'S INTERIOR

Course Description
An introduction to physics of the Earth's interior. Major topics are: Earth structure from seismic observations, heat flow, the physics of minerals under high temperatures and pressures, equations of state, seismological, thermal and compositional models.

Antirequisite(s): The former Earth Sciences 3321A/B.

Prerequisite(s): Earth Sciences 2220A/B.

Extra Information: 3 lecture hours, 2 tutorial hours. Offered online only.
Course Weight 0.50

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

EARTH SCIENCES 3369A/B
~~LIFE ON THE ROCKS~~ **ENVIRONMENTAL MICROBIOLOGY**

Course Description
~~A study of biogeochemical processes in Earth's geologic record and of bacteria interactions in contemporary systems. Topics include methods for the analysis of prokaryotes, factors affecting their community structure and function, and their relationship to geochemistry. Bacteriological culture techniques relevant to geomicrobiological research are introduced in the laboratory component.~~ **An introduction to the role of microorganisms in geochemical processes within Earth's diverse environments over time. Topics include methods for the analysis of bacteria, factors affecting their community structure and function, and their relationship to biogeochemistry. The laboratory component will introduce students to fundamental microbiological techniques and research methods.**

Prerequisite(s): 1.0 course from Biology 1001A, Biology 1002B, Chemistry 1301A/B, Chemistry 1302A/B, Integrated Science 1001X.

Extra Information: 2 lecture hours, 3 laboratory hours.
Course Weight: 0.50

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

HONOURS SPECIALIZATION IN ENVIRONMENTAL GEOSCIENCE – For Professional Registration

This module is designed to meet the minimum geoscience knowledge requirements for Professional Registration as a licensed geoscientist in Canada as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

Admission Requirements

Completion of Western's first year requirements with no failures and a minimum average of 70% in the following 3.0 principal courses with no mark below 60% in any principal course:

3.0 Principal Courses:

0.5 course: Chemistry 1301A/B.

0.5 course from: Physics 1101A/B, Physics 1201A/B, Physics 1401A/B, Physics 1501A/B~~, the former Physics 1028A/B, the former Physics 1301A/B~~.

1.0 course from: Chemistry 1302A/B, one of (Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, ~~the former Physics 1029A/B, the former Physics 1302A/B),~~ one of (Biology 1001A, Biology 1002B~~, Biology 1201A, Biology 1202B~~).

0.5 course from: Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, Numerical and Mathematical Methods 1412A/B ~~or the former Applied Mathematics 1412A/B~~.

~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B, Earth Sciences 1083F/G.~~

~~*1.0 additional course from:~~

~~Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, Biology 1201A, Biology 1202B, Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied~~

~~Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B, the former Statistical Sciences 1024A/B.~~

~~*This requirement should be completed by the end of Year 2.~~

0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

Module
11.0 courses:

6.0 courses: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2220A/B, Earth Sciences 2230A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 2265A/B, Earth Sciences 3340A/B, Earth Sciences 3350Y, Earth Sciences 4462A/B, Geography 2330A/B.
2.0 courses from: Earth Sciences 2266F/G, Earth Sciences 2281A/B, Earth Sciences 3320A/B, Earth Sciences 3341A/B, Earth Sciences 3370A/B, Earth Sciences 3372A/B, Earth Sciences 4431A/B, Earth Sciences 4432A/B, Earth Sciences 4440A/B, Earth Sciences 4450Y, Earth Sciences 4460A/B, Earth Sciences 4461A/B, Earth Sciences 4472A/B, Geography 2220A/B.
0.5 course from: ~~Earth Sciences 3313A/B,~~ Earth Sciences 3314A/B**, Earth Sciences 3316A/B, the former Earth Sciences 3313A/B**.
0.5 course from: Geography 3350A/B, Geography 3352A/B.
1.0 course: Earth Sciences 4490E.
1.0 additional course from (not already taken ~~above~~): Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, ~~Biology 1201A, Biology 1202B,~~ Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, **Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B,** Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, ~~Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B, the former~~ **Statistical Sciences 1023A/B,** Statistical Sciences 1024A/B.

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

SPECIALIZATION IN ENVIRONMENTAL GEOSCIENCE – For Professional Registration

This module is designed to meet the minimum geoscience knowledge requirements for Professional Registration as a licensed geoscientist in Canada as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

Admission Requirements

Completion of Western's first year requirements~~ and no mark below 60% in any of the 3.0 principal course:~~
~~3.0 Principal Courses:~~

0.5 course: Chemistry 1301A/B.

0.5 course from: Physics 1101A/B, Physics 1201A/B, Physics 1401A/B, Physics 1501A/B~~, the former Physics 1028A/B, the former Physics 1301A/B~~.

1.0 course from: Chemistry 1302A/B, one of (Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B~~, the former Physics 1029A/B, the former Physics 1302A/B),~~ one of (Biology 1001A, Biology 1002B~~, Biology 1201A, Biology 1202B~~).

0.5 course from: Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, Numerical and Mathematical Methods 1412A/B~~, the former Applied Mathematics 1412A/B~~.

~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B, Earth Sciences 1083F/G.~~

~~*1.0 additional course from:~~

~~Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, Biology 1201A, Biology 1202B, Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B,~~

~~the former Statistical Sciences 1024A/B.~~

~~*This requirement should be completed by the end of Year 2.~~

0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

Module
10.0 courses:

6.0 courses: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2220A/B, Earth Sciences 2230A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 2265A/B, Earth Sciences 3340A/B, Earth Sciences 3350Y, Earth Sciences 4462A/B, Geography 2330A/B.
2.0 courses from: Earth Sciences 2266F/G, Earth Sciences 2281A/B, Earth Sciences 3320A/B, Earth Sciences 3341A/B, Earth Sciences 3370A/B, Earth Sciences 3372A/B, Earth Sciences 4431A/B, Earth Sciences 4432A/B, Earth Sciences 4440A/B, Earth Sciences 4450Y, Earth Sciences 4460A/B, Earth Sciences 4461A/B, Earth Sciences 4472A/B, Geography 2220A/B.
0.5 course from: ~~Earth Sciences 3313A/B,~~ Earth Sciences 3314A/B**, Earth Sciences 3316A/B, the former Earth Sciences 3313A/B**.
0.5 course from: Geography 3350A/B, Geography 3352A/B.
1.0 additional course from (not already taken ~~above~~): Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, ~~Biology 1201A, Biology 1202B,~~ Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, **Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B,** Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, ~~Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B, the former~~ **Statistical Sciences 1023A/B,** Statistical Sciences 1024A/B.

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

HONOURS SPECIALIZATION IN GEOLOGY – For Professional Registration

This module is designed to meet the minimum geoscience knowledge requirements for Professional Registration as a licensed geoscientist in Canada, as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

Admission Requirements

Completion of Western's first year requirements with no failures and a minimum average of 70% in the following 3.0 principal courses with no mark below 60% in any principal course:

3.0 Principal Courses:

0.5 course: Chemistry 1301A/B.

0.5 course from: Physics 1101A/B, Physics 1201A/B, Physics 1401A/B, Physics 1501A/B~~, the former Physics 1028A/B, the former Physics 1301A/B~~.

1.0 course from: Chemistry 1302A/B, one of (Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B~~, the former Physics 1029A/B, the former Physics 1302A/B)~~, one of (Biology 1001A, Biology 1002B~~, Biology 1201A, Biology 1202B~~).

0.5 course from: Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, Numerical and Mathematical Methods 1412A/B~~, the former Applied Mathematics 1412A/B~~.

~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B, Earth Sciences 1083F/G.~~

~~*1.0 additional course from:~~

~~Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, Biology 1201A, Biology 1202B, Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B,~~

~~the former Statistical Sciences 1024A/B.~~

~~*This requirement should be completed by the end of Year 2.~~

0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

Module
11.0 courses:

6.0 courses from: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2220A/B, Earth Sciences 2230A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 2265A/B, ~~Earth Sciences 3313A/B,~~ Earth Sciences 3314A/B, ~~Earth Sciences 3315A/B,~~ **Earth Sciences 3316A/B,** Earth Sciences 3350Y**, Earth Sciences 4321A/B, the former Earth Sciences 3313A/B, the former Earth Sciences 3315A/B, the former Earth Sciences 3321A/B**.
0.5 course from: Earth Sciences 4460A/B, Earth Sciences 4462A/B, Geography 2220A/B.
2.5 courses from: Earth Sciences 3310A/B, ~~Earth Sciences 3321A/B,~~ Earth Sciences 3340A/B, Earth Sciences 3341A/B, Earth Sciences 3370A/B, Earth Sciences 3372A/B, Earth Sciences 4431A/B, Earth Sciences 4432A/B, Earth Sciences 4440A/B, Earth Sciences 4450Y or Earth Sciences 4451Z, Earth Sciences 4472A/B.
1.0 course: Earth Sciences 4490E.
1.0 additional course from (not already taken ~~above~~): Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, ~~Biology 1201A, Biology 1202B,~~ Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, **Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B,** Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, ~~Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B, the former~~ **Statistical Sciences 1023A/B,** Statistical Sciences 1024A/B.

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

SPECIALIZATION IN GEOLOGY – For Professional Registration

This module is designed to meet the minimum geoscience knowledge requirements for Professional Registration as a licensed geoscientist in Canada as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

Admission Requirements

Completion of Western's first year requirements~~ and no mark below 60% in any of the 3.0 principal courses:~~

~~3.0 Principal Courses:~~

0.5 course: Chemistry 1301A/B.

0.5 course from: Physics 1101A/B, Physics 1201A/B, Physics 1401A/B, Physics 1501A/B~~, the former Physics 1028A/B, the former Physics 1301A/B~~.

1.0 course from: Chemistry 1302A/B, one of (Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B~~, the former Physics 1029A/B, the former Physics 1302A/B~~), one of (Biology 1001A, Biology 1002B~~, Biology 1201A, Biology 1202B~~).

0.5 course from: Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, Numerical and Mathematical Methods 1412A/B~~, the former Applied Mathematics 1412A/B~~.

~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B, Earth Sciences 1083F/G.~~

~~*1.0 additional course from:~~

~~Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, Biology 1201A, Biology 1202B, Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B,~~

~~the former Statistical Sciences 1024A/B.~~

~~*This requirement should be completed by the end of Year 2.~~

0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

Module
10.0 courses:

6.0 courses from: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2220A/B, Earth Sciences 2230A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 2265A/B, ~~Earth Sciences 3313A/B,~~ Earth Sciences 3314A/B, ~~Earth Sciences 3315A/B,~~ **Earth Sciences 3316A/B,** Earth Sciences 3350Y**, Earth Sciences 4321A/B, the former Earth Sciences 3313A/B, the former Earth Sciences 3315A/B, the former Earth Sciences 3321A/B**.
0.5 course from: Earth Sciences 4460A/B, Earth Sciences 4462A/B, Geography 2220A/B.
2.5 courses from: Earth Sciences 3310A/B, ~~Earth Sciences 3321A/B,~~ Earth Sciences 3340A/B, Earth Sciences 3341A/B, Earth Sciences 3370A/B, Earth Sciences 3372A/B, Earth Sciences 4431A/B, Earth Sciences 4432A/B, Earth Sciences 4440A/B, Earth Sciences 4450Y or Earth Sciences 4451Z, Earth Sciences 4472A/B.
1.0 additional course from (not already taken ~~above~~): Applied Mathematics 1201A/B, Biology 1001A, Biology 1002B, ~~Biology 1201A, Biology 1202B,~~ Calculus 1301A/B or Numerical and Mathematical Methods 1414A/B, Calculus 1501A/B, Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, **Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B,** Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B or Numerical and Mathematical Methods 1411A/B, Physics 1102A/B, Physics 1202A/B, Physics 1402A/B, Physics 1502A/B, ~~Statistical Sciences 1023A/B, Data Science 1000A/B, Earth Sciences 2222A/B, Geography 2210A/B; the former Applied Mathematics 1411A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, the former Physics 1029A/B, the former Physics 1302A/B, the former~~ **Statistical Sciences 1023A/B,** Statistical Sciences 1024A/B.

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

MAJOR IN GEOLOGY

Admission Requirements

Completion of 5.0 first-year courses.

Module
6.0 courses:

3.0 courses: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 2265A/B.
0.5 course from: ~~Earth Sciences 3313A/B,~~ Earth Sciences 3314A/B, ~~Earth Sciences 3315A/B,~~ **Earth Sciences 3316A/B, the former Earth Sciences 3313A/B, the former Earth Sciences 3315A/B**.
1.0 course from: Earth Sciences 2123F/G, Earth Sciences 2130Y, Earth Sciences 2220A/B, Earth Sciences 2230A/B, Earth Sciences 2240F/G or Earth Sciences 2241A/B.
1.5 additional courses in Earth sciences at the 2000 level or above.

Note: If Earth Sciences 1023A/B has been taken, Earth Sciences 2123F/G cannot be taken. Students registered in an honours double major degree must complete a minimum of 1.0 course~~s~~ at the 3000 level for each module.

Students registered in an Honours Double Major degree must complete a minimum of 1.0 course at the 3000 level for each module.

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

MINOR IN GEOLOGY

Admission Requirements

Completion of 5.0 first-year courses.

Module
4.0 courses:

1.0 course: Earth Sciences 2200A/B, Earth Sciences 2206A/B.
1.5 courses from**:** Earth Sciences 2123F/G, Earth Sciences 2130Y, Earth Sciences 2201A/B, Earth Sciences 2220A/B, Earth Sciences 2230A/B, Earth Sciences 2240F/G, Earth Sciences 2241A/B, Earth Sciences 2260A/B, Earth Sciences 2265A/B, the former Earth Sciences 2231A/B, the former Earth Sciences 2261A/B.
0.5 course from: ~~Earth Sciences 3313A/B,~~ Earth Sciences 3314A/B, ~~Earth Sciences 3315A/B,~~ **Earth Sciences 3316A/B, the former Earth Sciences 3313A/B, the former Earth Sciences 3315A/B**.
1.0 additional course in Earth Sciences at the 2000 level or above.

Note: If Earth Sciences 1023A/B has been taken, Earth Sciences 2123F/G cannot be taken.

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

HONOURS SPECIALIZATION IN GEOPHYSICS – For Professional Registration

This module is designed to meet the minimum geoscience knowledge requirements for Professional Registration as a licensed geoscientist in Canada, as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

Admission Requirements

Completion of Western's first year requirements with no failures and a minimum average of 70% in the following 3.0 principal courses with no mark below 60% in any principal course:

3.0 Principal Courses:

0.5 course: Chemistry 1301A/B.
1.0 course from: (Physics 1201A/B or Physics 1401A/B or Physics 1501A/B ~~or the former Physics 1028A/B or the former Physics 1301A/B~~) and (Physics 1202A/B or Physics 1402A/B or Physics 1502A/B ~~or the former Physics 1029A/B or the former Physics 1302A/B~~).
1.0 course from: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B or the former Applied Mathematics 1412A/B) and (Calculus 1301A/B or Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B ~~or the former Applied Mathematics 1414A/B); or the former Applied Mathematics 1413~~.
~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B.~~

0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

*1.0 additional course from:

Biology 1001A, Biology 1002B, ~~Biology 1201A, Biology 1202B,~~ Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B, ~~Statistical Sciences 1023A/B,~~ Data Science 1000A/B, Geography 2210A/B, **Statistical Sciences 1023A/B,** ~~the former~~ Statistical Sciences 1024A/B.

*0.5 course from: Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B~~.

*This requirement should be completed by the end of the student's second year.

Module
10.5 courses:

5.5 courses from: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2220A/B, Earth Sciences 2222A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 3320A/B, ~~Earth Sciences 3321A/B,~~ **Earth Sciences 4321A/B,** Earth Sciences 4423A/B, Earth Sciences 4451Z**, the former Earth Sciences 3321A/B**.
1.5 courses from: Earth Sciences 2123F/G, Earth Sciences 4420A/B, Earth Sciences 4421A/B, Earth Sciences 4424A/B.
0.5 course from: Earth Sciences 2230A/B, Earth Sciences 3340A/B, Earth Sciences 3372A/B, Earth Sciences 4432A/B, Earth Sciences 4440A/B, Earth Sciences 4462A/B, Earth Sciences 4472A/B, Geography 2220A/B, Geography 2330A/B.
1.0 course from: **Applied Mathematics 2402A/B,** Calculus 2302A/B, Calculus 2502A/B, Calculus 2303A/B, Calculus 2503A/B~~, Applied Mathematics 2402A/B~~.
1.0 course from: Physics 2101A/B, Physics 2110A/B, Physics 3151A/B.
1.0 course: Earth Sciences 4490E.

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

SPECIALIZATION IN GEOPHYSICS – For Professional Registration

This module is designed to meet the minimum geoscience knowledge requirements for Professional Registration as a licensed geoscientist in Canada, as set by the Association of Professional Geoscientists of Ontario (APGO) and the Canadian Council of Professional Geoscientists (CCPG).

Admission Requirements

Completion of Western's first year requirements~~ and no mark below 60% in any of the 3.0 principal courses:~~

~~3.0 Principal Courses:~~

0.5 course: Chemistry 1301A/B.
1.0 course from: (Physics 1201A/B or Physics 1401A/B or Physics 1501A/B~~ or the former Physics 1028A/B or the former Physics 1301A/B~~) and (Physics 1202A/B or Physics 1402A/B or Physics 1502A/B~~ or the former Physics 1029A/B or the former Physics 1302A/B~~).
1.0 course from: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B~~ or the former Applied Mathematics 1412A/B~~) and (Calculus 1301A/B or Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B~~ or the former Applied Mathematics 1414A/B); or the former Applied Mathematics 1413~~.
~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B.~~
0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

*1.0 additional course from:

Biology 1001A, Biology 1002B, ~~Biology 1201A, Biology 1202B,~~ Chemistry 1302A/B, Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 1027A/B~~, Statistical Sciences 1023A/B,~~ Data Science 1000A/B, Geography 2210A/B, **Statistical Sciences 1023A/B,** ~~the former~~ Statistical Sciences 1024A/B.

*0.5 course from: Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B~~ or the former Applied Mathematics 1411A/B~~.

*This requirement should be completed by the end of Year 2.

Module
9.5 courses:

5.5 courses from: Earth Sciences 2200A/B, Earth Sciences 2201A/B, Earth Sciences 2206A/B, Earth Sciences 2220A/B, Earth Sciences 2222A/B, Earth Sciences 2250Y, Earth Sciences 2260A/B, Earth Sciences 3320A/B, ~~Earth Sciences 3321A/B,~~ **Earth Sciences 4321A/B,** Earth Sciences 4423A/B, Earth Sciences 4451Z**, the former Earth Sciences 3321A/B**.
1.5 courses from: Earth Sciences 2123F/G, Earth Sciences 4420A/B, Earth Sciences 4421A/B, Earth Sciences 4424A/B**.**
0.5 course from: Earth Sciences 2230A/B, Earth Sciences 3340A/B, Earth Sciences 3372A/B, Earth Sciences 4432A/B, Earth Sciences 4440A/B, Earth Sciences 4462A/B, Earth Sciences 4472A/B, Geography 2220A/B, Geography 2330A/B.
1.0 course from: **Applied Mathematics 2402A/B,** Calculus 2302A/B, Calculus 2502A/B, Calculus 2303A/B, Calculus 2503A/B~~, Applied Mathematics 2402A/B~~.
1.0 course from: Physics 2101A/B, Physics 2110A/B, Physics 3151A/B.

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

MAJOR IN GEOPHYSICS

Admission Requirements

Completion of first-year requirements~~. including the following principal 2.5 courses with no mark below 60% in any principal course:~~

1.0 course from: (Physics 1201A/B, Physics 1401A/B, Physics 1501A/B~~, the former Physics 1028A/B or the former Physics 1301A/B~~) and (Physics 1202A/B, Physics 1402A/B, Physics 1502A/B~~, the former Physics 1029A/B or the former Physics 1302A/B~~).

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, Numerical and Mathematical Methods 1414A/B~~ or the former Applied Mathematics 1414A/B); or the former Applied Mathematics 1413~~.

~~0.5 course from: Earth Sciences 1022A/B, Earth Sciences 1023A/B, Earth Sciences 1070A/B, Earth Sciences 1081A/B, Earth Sciences 1083F/G.~~

0.5 course from: Any 1000-level course offered by the Faculty of Science and not already taken.

Module
6.0 courses:

0.5 course: Earth Sciences 2123F/G*.
0.5 course from: Earth Sciences 2201A/B, Earth Sciences 2206A/B.
2.0 courses: Earth Sciences 2200A/B, Earth Sciences 2222A/B, Earth Sciences 2220A/B, Earth Sciences 4451Z.
2.5 courses from: Earth Sciences 3320A/B, ~~Earth Sciences 3321A/B,~~ **Earth Sciences 4321A/B,** Earth Sciences 4420A/B, Earth Sciences 4421A/B, Earth Sciences 4423A/B, Earth Sciences 4424A/B**, the former Earth Sciences 3321A/B**.
0.5 additional course in Earth Sciences, Physics or Computer Science at the 2000 level or above.

*If Earth Sciences 1023A/B has been taken, Earth Sciences 2123F/G cannot be taken. Instead, students should take 0.5 course in either Earth Sciences 2201A/B or Earth Sciences 2206A/B (whichever has not already been taken~~ above~~).

Notes:
Students registered in an honours double major degree must complete a

minimum of 1.0 course~~s~~ at the 3000 level for each module.

The above courses may have prerequisites not included in the module.

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

MINOR IN GEOPHYSICS

This minor is recommended to Physics and Astronomy, Applied Mathematics, and Computer Science Majors.

Admission Requirements

Completion of first-year requirements, including 1.0 course~~s~~ from: (Calculus 1000A/B or Calculus 1500A/B or Numerical and Mathematical Methods 1412A/B ~~or the former Applied Mathematics 1412A/B~~) and (Applied Mathematics 1201A/B or Calculus 1301A/B or Calculus 1501A/B, or Numerical and Mathematical Methods 1414A/B~~)~~ ~~or the former Applied Mathematics 1414A/B), each with a mark of at least 60%; or the former Applied Mathematics 1413 with a mark of at least 60%~~.

Module
4.0 courses:

4.0 courses from: Earth Sciences 2123F/G, Earth Sciences 2220A/B, Earth Sciences 2222A/B, Earth Sciences 2281A/B, Earth Sciences 3320A/B, ~~Earth Sciences 3321A/B,~~ Earth Sciences 3323A/B, **Earth Sciences 4321A/B,** Earth Sciences 4420A/B, Earth Sciences 4421A/B, Earth Sciences 4423A/B, Earth Sciences 4424A/B, Earth Sciences 4440A/B, **the former Earth Sciences 3321A/B,** the former Earth Sciences 4425A/B.

DEPARTMENT OF MATHEMATICS

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

CALCULUS 2302A/B
INTERMEDIATE CALCULUS I

Course Description
Three dimensional analytic geometry: dot and cross product; equations for lines and planes; quadric surfaces; vector functions and space curves; arc length; curvature; velocity; acceleration. Differential calculus of functions of several variables: level curves and surfaces; limits; continuity; partial derivatives; tangent planes; differentials; chain rule; implicit functions; extrema; Lagrange multipliers.

Antirequisite(s): Calculus 2502A/B.

Prerequisite(s): A minimum mark of 55% in one of Calculus 1501A/B, Calculus 1301A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413. Integrated Science 1001X with a minimum mark of 60% can be used in place of Calculus 1301A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Calculus 2302A/B is also offered at King's University College. The course withdrawal only applies to the offering at Main campus.

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

CALCULUS 2303A/B
INTERMEDIATE CALCULUS II

Course Description
Integral calculus of functions of several variables: double, triple and iterated integrals; applications; surface area. Vector integral calculus: vector fields; line integrals in the plane; Green's theorem; independence of path; simply connected and multiply connected domains; parametric surfaces and their areas; divergence and Stokes' theorem.

Antirequisite(s): Calculus 2503A/B.

Prerequisite(s): Calculus 2502A/B or Calculus 2302A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Calculus 2303A/B is also offered at King's University College. The course withdrawal only applies to the offering at Main campus.

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

CALCULUS 2502A/B
ADVANCED CALCULUS I

Course Description
Differential calculus of functions of several variables: level curves and surfaces; limits; continuity; partial derivatives; total differentials; Jacobian matrix; chain rule; implicit functions; inverse functions; curvilinear coordinates; derivatives; the Laplacian; Taylor Series; extrema; Lagrange multipliers; vector and scalar fields; divergence and curl.

Antirequisite(s): Calculus 2302A/B.

Prerequisite(s): A minimum mark of 60% in one of Calculus 1501A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, or a minimum mark of 85% in Calculus 1301A/B. Integrated Science 1001X with a minimum mark of 60% can be used in place of Calculus 1301A/B. **Pre-or Corequisite(s):** Mathematics 1600A/B or Mathematics 1700A/B or Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

CALCULUS 2503A/B
ADVANCED CALCULUS II

Course Description
Integral calculus of functions of several variables: multiple integrals; Leibnitz' rule; arc length; surface area; Green's theorem; independence of path; simply connected and multiply connected domains; three dimensional theory and applications; divergence theorem; Stokes' theorem.

Antirequisite(s): Calculus 2303A/B.

Prerequisite(s): Calculus 2302A/B or Calculus 2502A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

MATHEMATICS 2122A/B
REAL ANALYSIS I

Course Description
A rigorous introduction to analysis on the real line. Sets and functions, logic and mathematical proof, the natural and real numbers, completeness and its consequences, limits of sequences, limits of real functions, continuity and uniform continuity.

Prerequisite(s): A minimum mark of 60% in one of Calculus 1501A/B, or Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1414A/B, or the former Applied Mathematics 1413, or a minimum mark of 85% in Calculus 1301A/B. Integrated Science 1001X with a minimum mark of 60% can be used in place of Calculus 1301A/B.

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

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

MATHEMATICS 3124A/B
COMPLEX ANALYSIS I

Course Description
The Cauchy-Riemann equations, elementary functions, branches of the logarithm and argument, Cauchy's integral theorem and formula, winding number, Liouville's theorem and the fundamental theorem of algebra, the identity theorem, the maximum modulus theorem, Taylor and Laurent expansions, isolated singularities, the residue theorem and applications, the argument principle and applications.

Prerequisite(s): Mathematics 2122A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

APPLIED MATHEMATICS 3817A/B
MATHEMATICAL MODELLING

Course Description
A broad introduction to building and analyzing mathematical models. Linear compartmental models. Nonlinear ODE models, bifurcations and chaos. Collective behaviour. Probabilistic models and master equations.

Antirequisite(s): Applied Mathematics 3813A/B.

Prerequisite(s): Applied Mathematics 2402A/B; Calculus 2303A/B or Mathematics 2500A/B or the former Calculus 2502A/B; plus one of Mathematics 1600A/B, Mathematics 1700A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

APPLIED MATHEMATICS 4215A/B
MATHEMATICAL BIOLOGY

Course Description
An introduction to mathematical biology. Population dynamics fundamentals. Compartmental analysis. Evolutionary game theory. Stochastic population dynamics. Selected applications of contemporary interest.

Prerequisite(s): One of Calculus 2302A/B, Calculus 2402A/B, Mathematics 2500A/B, the former Calculus 2502A/B; plus one of Mathematics 1600A/B, Mathematics 1700A/B, NMM 1411A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

MATHEMATICS 2500A/B
CALCULUS III

Course Description
A third course in the calculus series. Limits and continuity in two or three variables. Partial derivatives and multivariate integrals. Line integrals and parameterized curves. Parameterized surfaces and surface integrals. Vector fields and Green's theorem. Stokes's and Gauss's theorems. This is a computational course without proofs.

Antirequisite(s): Calculus 2303A/B, Calculus 2402A/B, NMM 2276A/B, NMM 2277A/B, the former Calculus 2503A/B.

Prerequisite(s): A minimum mark of 60% in Calculus 1301A/B, Calculus 1501A/B, Integrated Science 1001X, or NMM 1414A/B.

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

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

MATHEMATICS 3022A/B
REAL ANALYSIS I

Course Description
A rigorous introduction to analysis on the real line. Sets and functions, logic and mathematical proof, the natural and real numbers, completeness and its consequences, limits of sequences, limits of real functions, continuity and uniform continuity.

Antirequisite(s): The former Mathematics 2122A/B.

Prerequisite(s): (1) A minimum mark of 60% in one of Calculus 1501A/B, NMM 1414A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, or a minimum mark of 85% in Calculus 1301A/B. Integrated Science 1001X with a minimum mark of 60% can be used in place of Calculus 1301A/B. (2) Mathematics 1120A/B (with a mark of at least 85%) or Mathematics 2155F/G.

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

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

MATHEMATICS 4024A/B
COMPLEX ANALYSIS I

Course Description
The Cauchy-Riemann equations, elementary functions, branches of the logarithm and argument, Cauchy's integral theorem and formula, winding number, Liouville's theorem and the fundamental theorem of algebra, the identity theorem, the maximum modulus theorem, Taylor and Laurent expansions, isolated singularities, the residue theorem and applications, the argument principle and applications.

Antirequisite(s): The former Mathematics 3124A/B.

Prerequisite(s): Mathematics 3022A/B or the former Mathematics 2122A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

APPLIED MATHEMATICS 2814~~F/G~~A/B
~~NUMERICAL ANALYSIS~~ **MATHEMATICAL COMPUTATION**

~~Introduction to numerical analysis; polynomial interpolation, numerical integration, matrix computations, linear systems, nonlinear equations and optimization, the initial value problem. Assignments using a computer and mathematical software are an important component of this course.~~ **Introduction to mathematical computation. Approximate solution of linear systems, nonlinear systems, and the initial value problem for ODEs. Matrix computations and practical computational complexity. Optimization. Contemporary applications of mathematical computation. Assignments using a computer and mathematical software are an important component of this course.**

Prerequisite(s): Mathematics 1700A/B or a minimum mark of 55% in Mathematics 1600A/B. **Pre-or Corequisite(s):** Calculus 2302A/B, Calculus 2402A/B or ~~Calculus 2502A/B~~ **Mathematics 2500A/B** or Numerical and Mathematical Methods 2276A/B or Numerical and Mathematical Methods 2277A/B **or the former Calculus 2502A/B**.

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

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

APPLIED MATHEMATICS 3811A/B
COMPLEX VARIABLES WITH APPLICATIONS

Course Description
Functions of a complex variable, analytic functions, integration in the complex plane, Taylor and Laurent series, analytic continuation, Cauchy's theorem, evaluation of integrals using residue theory, applications to Laplace transforms, conformal mapping and its applications.

Prerequisite(s): Calculus 2303A/B **or Mathematics 2500A/B** or **the former** Calculus 2503A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

MATHEMATICS 2155F/G
MATHEMATICAL STRUCTURES

Course Description
This course provides an introduction to logical reasoning and proofs. Topics include sets, ~~counting (permutations and combinations),~~ **cardinality,** mathematical induction, relations and functions, partial order relations, equivalence relations, **and** binary operations~~, elementary group theory, and applications to error-correcting codes~~.

Antirequisite(s): Mathematics 2151A/B.

Prerequisite(s): 1.0 course from: Mathematics 1120A/B, Mathematics 1600A/B, Mathematics 1700A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Calculus 1000A/B, Calculus 1500A/B, Calculus 1301A/B, Calculus 1501A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413, in each case with a minimum mark of 60%; or permission of the department. Integrated Science 1001X with a minimum mark of 60% can be used in place of Calculus 1301A/B.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

MATHEMATICS 2156A/B
MATHEMATICAL STRUCTURES II

Course Description
This course continues the development of logical reasoning and proofs begun in Mathematics 2155F/G. Topics include elementary number theory (~~gcd, lcm,~~ Euclidean algorithm, ~~congruences, Chinese remainder theorem~~ **modular arithmetic, unique factorization**), ~~and graph theory (connectedness, complete, regular and bipartite graphs; trees and spanning trees, Eulerian and Hamiltonian graphs, planar graphs; vertex, face and edge colouring; chromatic polynomials).~~ **discrete mathematics (permutations and combinations, inclusion and exclusion), and graph theory (graphs, paths, cycles).**

Prerequisite(s): Mathematics 1120A/B (with a mark of at least 85%) or Mathematics 2155F/G.

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

MATHEMATICS 3020A/B
INTRODUCTION TO ABSTRACT ALGEBRA

Course Description
~~Properties of integers, rational, real and complex numbers: commutativity, associativity, distributivity. Polynomials, prime and irreducible elements. Rings, ideals, integral and Euclidean domains, fields, and unique factorization. First isomorphism theorem, quotient rings and finite fields. Introduction to groups.~~ **Groups, permutation groups, subgroups and normal subgroups, homomorphisms and quotient groups, the first isomorphism theorem for groups, Lagrange's theorem, and the fundamental theorem of finite abelian groups. Rings, integral domains and fields, subrings and ideals, homomorphisms and quotient rings, the first isomorphism theorem for rings, and polynomial rings.**

Prerequisite(s): ~~Mathematics 1600A/B or Mathematics 1700A/B; plus one of Mathematics 1120A/B (with a mark of at least 85%), Mathematics 2151A/B, Mathematics 2155F/G (recommended) or Computer Science 2214A/B.~~ **Mathematics 2156A/B.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

HONOURS SPECIALIZATION IN APPLIED MATHEMATICS

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 0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B, the former Applied Mathematics 1412A/B, and 0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1414A/B, plus 2.0 additional courses, with no mark in these principal courses below 60%. The former Applied Mathematics 1413 may be substituted for the 1.0 Calculus course requirements.~~ **with no mark in these principal courses below 60%, including:**

- **0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B.**
- **0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B.**
- **Plus 2.0 additional courses.**

Notes:

- **Calculus 1500A/B, Calculus 1501A/B, Mathematics 1120A/B and Mathematics 1700A/B are recommended.**
- One of **Mathematics 1600A/B,** Mathematics 1700A/B ~~(recommended), Mathematics 1600A/B,~~ **or** Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B, with a mark of at least 60% and~~ **must be** completed by the end of Term 1 in Year 2 **in order not to delay normal progression in the module**.

Module
9.0 courses:

~~0.5 course from: Mathematics 2700A/B, the former Applied Mathematics 2811A/B.~~
~~2.0~~ **4.0 courses**: **Applied Mathematics 2402A/B,** Applied Mathematics 2814~~F/G~~**A/B**, Applied Mathematics 3811A/B, Applied Mathematics 3815A/B, ~~Mathematics 2155F/G,~~ **Mathematics 2156A/B, Mathematics 3020A/B, Statistical Sciences 2857A/B, Statistical Sciences 2858A/B**.
0.5 course: Mathematics 2155F/G.
0.5 course from: Mathematics 2500A/B, the former Calculus 2503A/B.

0.5 course from: Mathematics 2700A/B, the former Applied Mathematics 2811A/B.
0.5 course from: Applied Mathematics 3813A/B**, Applied Mathematics 3817A/B.** ~~Applied Mathematics 4815A/B, Numerical and Mathematical Methods 4617A/B or the former Applied Mathematics 4617A/B.~~
~~1.0 course: Calculus 2502A/B, Calculus 2503A/B.~~
~~0.5 course: Applied Mathematics 2402A/B.~~
~~0.5 course from: Mathematics 2122A/B, Mathematics 3020A/B, Mathematics 3120A/B.~~
~~0.5 course: Statistical Sciences 2857A/B.~~
2.0 additional courses from: any courses in Applied Mathematics or Mathematics at the 3000-level or above.
~~1.5~~ **1.0 additional course**~~s~~ from: Financial Modelling 3613A/B, Financial Modelling 3817A/B, ~~Mathematics 2124A/B, Mathematics 2156A/B,~~ **Mathematics 2250A/B,** ~~Mathematics 3152A/B, Mathematics 3153A/B, Mathematics 3157A/B, Mathematics 3159A/B,~~ Physics 3151A/B, Physics 3926F/G, ~~Statistical Sciences 2858A/B,~~ Statistical Sciences 3657A/B**, the former Mathematics 2122A/B, the former Mathematics 2124A/B,** or any course in Applied Mathematics, Data Science, Mathematics or Numerical and Mathematical Methods at the 3000 level or above. Note that some of these courses have prerequisites that are not part of the module.
~~1.0 additional course in Applied Mathematics, Mathematics, or Numerical and Mathematical Methods at the 2100 level or above.~~
~~1.0 additional course in Applied Mathematics or Numerical and Mathematical Methods at the 4000 level or above.~~

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

MAJOR IN APPLIED MATHEMATICS

Admission Requirements

Completion of first-year requirements~~, including 0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B, the former Applied Mathematics 1412A/B, and 0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1414A/B. The former Applied Mathematics 1413 may be substituted for the 1.0 Calculus course requirement. Each of these courses requires a minimum mark of 60%.~~ **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 from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B.**
- **0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B.**
- **Plus 2.0 additional courses.**

Notes:

- **Calculus 1500A/B, Calculus 1501A/B, Mathematics 1120A/B and Mathematics 1700A/B are recommended.**
- One of **Mathematics 1600A/B,** Mathematics 1700A/B ~~(recommended), Mathematics 1600A/B,~~ **or** Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B, with a mark of at least 60% and~~ **must be** completed by the end of Term 1 in Year 2 **in order not to delay normal progression in the module**.

Module
6.0 courses:

~~0.5 course from: Mathematics 2700A/B, the former Applied Mathematics 2811A/B.~~
~~2.0~~ **3.5 courses**: **Applied Mathematics 2402A/B,** Applied Mathematics 2814~~F/G~~**A/B**, Applied Mathematics 3811A/B, Applied Mathematics 3815A/B, ~~Mathematics 2155F/G,~~ **Mathematics 2156A/B, Statistical Sciences 2857A/B, Statistical Sciences 2858A/B**.
0.5 course: Mathematics 2155F/G.
~~1.0~~ **0.5 course from**: ~~Calculus 2502A/B,~~ **Mathematics 2500A/B, the former**

Calculus 2503A/B.
~~0.5 course: Applied Mathematics 2402A/B.~~
0.5 course from: Mathematics 2700A/B, the former Applied Mathematics 2811A/B.
~~0.5 course from: Mathematics 2122A/B, Mathematics 3020A/B, Mathematics 3120A/B, the former Mathematics 2120A/B.~~
~~0.5 course: Statistical Sciences 2857A/B.~~
0.5 course from: Applied Mathematics 3813A/B**, Applied Mathematics 3817A/B.**~~, Applied Mathematics 4815A/B, Numerical and Mathematical Methods 4617A/B, the former Applied Mathematics 4617A/B.~~
0.5 additional course from: Financial Modelling 3613A/B, Financial Modelling 3817A/B, ~~Mathematics 2124A/B, Mathematics 2156A/B, Mathematics 3152A/B, Mathematics 3153A/B, Mathematics 3157A/B, Mathematics 3159A/B, Statistical Sciences 2858A/B,~~ **the former Mathematics 2122A/B, the former Mathematics 2124A/B,** or any course in Applied Mathematics, Data Science, **Mathematics** or Numerical and Mathematical Methods at the 3000 level or above.

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

HONOURS SPECIALIZATION IN MATHEMATICS

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: Calculus 1000A/B or Calculus 1500A/B;~~

~~0.5 course: Calculus 1501A/B (recommended) or Calculus 1301A/B with a mark of at least 85%;~~

~~plus 2.0 additional courses, with no mark in these principal courses below 60%. Mathematics 1600A/B or Mathematics 1700A/B, if taken in first year, will count toward the 3.0 principal courses. Mathematics 1120A/B and Mathematics 1700A/B are recommended.~~

- **0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B.**
- **0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B.**
- **Plus 2.0 additional courses.**

Notes:

- **Calculus 1500A/B, Calculus 1501A/B, Mathematics 1120A/B and Mathematics 1700A/B are recommended.**
- ~~Note:~~ One of Mathematics 1600A/B, Mathematics 1700A/B~~,~~ **or** Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B must be completed prior to Mathematics 2700A/B. Consequently, the preferred option here~~ must be completed by the end of Term 1 in Year 2 **in order not to delay normal progression in the module**.

Module
9.0 courses:

~~0.5 course from: Mathematics 2700A/B, the former Mathematics 2120A/B.~~
~~4.0 courses: Calculus 2502A/B, Calculus 2503A/B, Mathematics 2122A/B, Mathematics 2155F/G, Mathematics 3020A/B, Mathematics 3120A/B, Mathematics 3122A/B, Mathematics 3124A/B.~~

~~1.0 course from: Statistical Sciences 2857A/B, Statistical Sciences 2858A/B, or any courses in Actuarial Science, Applied Mathematics, Data Science, Financial Modelling or Numerical and Mathematical Methods at the 2100 level or above.~~
4.5 courses: Applied Mathematics 2402A/B, Applied Mathematics 2814A/B, Applied Mathematics 3811A/B, Applied Mathematics 3815A/B, Mathematics 2156A/B, Mathematics 3020A/B, Mathematics 3122A/B, Mathematics 4121A/B, Statistical Sciences 2857A/B.
0.5 course: Mathematics 2155F/G.
0.5 course from: Mathematics 2500A/B, the former Calculus 2503A/B.
0.5 course from: Mathematics 2700A/B, the former Mathematics 2120A/B.
0.5 course from: Mathematics 3022A/B, the former Mathematics 2122A/B.
0.5 course from: Mathematics 4024A/B, the former Mathematics 3124A/B.
~~2.5~~ **1.5 additional courses** from: **Mathematics 2250A/B, the former** Mathematics 2124A/B, ~~Mathematics 2156A/B~~ or any courses in Mathematics at the 3000 level or above.
0.5 course from: Statistical Sciences 2858A/B or any courses in Applied Mathematics or Mathematics at the 3000 level or above.
~~1.0 additional course in Mathematics at the 4000 level.~~
~~It is strongly recommended that Mathematics 2122A/B be completed in the year of entry into the module.~~
~~Note: Those students who plan to apply for graduate studies in Mathematics should take Mathematics 4120A/B, Mathematics 4121A/B, Mathematics 4122A/B, Mathematics 4123A/B, and at least one of Mathematics 4151A/B, Mathematics 4152A/B, Mathematics 4153A/B or Mathematics 4156A/B.~~

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

SPECIALIZATION IN MATHEMATICS

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: A mark of at least 60% in Calculus 1000A/B or Calculus 1500A/B.~~

~~0.5 course: A mark of at least 60% in Calculus 1501A/B(recommended) or a mark of at least 85% in Calculus 1301A/B. (Numerical and Mathematical Methods 1412A/B or the former Applied Mathematics 1412A/B) and (Numerical and Mathematical Methods 1414A/B or the former Applied Mathematics 1414A/B), or the former Applied Mathematics 1413 (each with a mark of at least 60%) may be used to replace the 1.0 Calculus course requirement. Mathematics 1120A/B and Mathematics 1700A/B are recommended.~~

- **0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B.**
- **0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B.**
- **Plus 2.0 additional courses.**

Notes:

- **Calculus 1500A/B, Calculus 1501A/B, Mathematics 1120A/B and Mathematics 1700A/B are recommended.**
- ~~Note:~~ **One of** Mathematics 1600A/B, Mathematics 1700A/B~~,~~ **or** Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B must be completed prior to Mathematics 2700A/B. Consequently, the preferred option here~~ must be completed by the end of Term 1 in Year 2 **in order not to delay normal progression in the module**.

Module
9.0 courses:

~~1.0 course: Calculus 2502A/B, Calculus 2503A/B.~~
3.5 courses: Applied Mathematics 2402A/B, Applied Mathematics 2814A/B, Applied Mathematics 3811A/B, Applied Mathematics 3815A/B, Mathematics 2156A/B, Mathematics 3020A/B, Statistical Sciences 2857A/B.
0.5 course: Mathematics 2155F/G.

0.5 course from: Mathematics 2500A/B, the former Calculus 2503A/B.
0.5 course from: Mathematics 2700A/B, the former Applied Mathematics 2811A/B, the former Mathematics 2120A/B.
~~0.5 course: Mathematics 2155F/G.~~
~~0.5 course from: Applied Mathematics 2814F/G, Mathematics 2122A/B.~~
~~0.5 additional course from: Mathematics 2122A/B, Mathematics 3020A/B, Mathematics 3120A/B.~~
~~1.0~~ **3.0 additional courses** from: ~~Statistical Sciences 2857A/B,~~ Statistical Sciences 2858A/B, Statistical Sciences 3657A/B or any courses in Applied Mathematics or ~~Numerical and Mathematical Methods~~ **Mathematics** at the 2100 level or above.
~~2.5~~ **1.0 additional course**~~s~~ from: Physics 3151A/B, Physics 3926F/G, or any courses in Actuarial Science, Applied Mathematics, Data Science, Financial Modelling, Mathematics, Numerical and Mathematical Methods or Statistical Sciences at the 2100 level or above.
~~2.5 additional courses from: courses in Applied Mathematics, Mathematics or Numerical and Mathematical Methods at the 3000 level or above.~~

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

MAJOR IN MATHEMATICS

Admission Requirements

Completion of first-year requirements with ~~no mark below 60% in 3.0 principal courses~~ **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: Calculus 1000A/B or Calculus 1500A/B;~~

~~0.5 course: (Calculus 1501A/B (recommended)) or (Calculus 1301A/B with a mark of at least 85%),~~

~~plus 2.0 additional courses.~~

~~Mathematics 1600A/B or Mathematics 1700A/B, if taken in first year, will count toward the 3.0 principal courses. Mathematics 1120A/B and Mathematics 1700A/B are recommended.~~

- **0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B.**
- **0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B.**
- **Plus 2.0 additional courses.**

Notes:

- **Calculus 1500A/B, Calculus 1501A/B, Mathematics 1120A/B and Mathematics 1700A/B are recommended.**
- ~~Note:~~ One of Mathematics 1600A/B, Mathematics 1700A/B~~,~~ **or** Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B must be completed prior to Mathematics 2700A/B. Consequently, the preferred option here~~ must be completed by the end of Term 1 in Year 2 **in order not to delay normal progression in the module**.

Module
6.0 courses:

3.0 courses: Applied Mathematics 2402A/B, Applied Mathematics 3811A/B, Mathematics 2155F/G, Mathematics 2156A/B, Mathematics 3020A/B, Statistical Sciences 2857A/B.

0.5 course from: Mathematics 2500A/B, the former Calculus 2503A/B.
0.5 course from: Mathematics 2700A/B, the former Mathematics 2120A/B.
~~2.5 courses: Calculus 2502A/B, Calculus 2503A/B, Mathematics 2122A/B, Mathematics 2155F/G, Mathematics 3020A/B.~~
0.5 course from: Mathematics 3022A/B, the former Mathematics 2122A/B.
~~0.5 course from: Statistical Sciences 2857A/B or any course in Actuarial Science, Applied Mathematics, Data Science, Financial Modelling or Numerical and Mathematical Methods at the 2100 level or above~~
~~1.0 additional course from: Statistical Sciences 2857A/B, Statistical Sciences 2858A/B, Statistical Sciences 3657A/B, or any courses in Mathematics, Actuarial Science, Applied Mathematics, Data Science, Financial Modelling or Numerical and Mathematical Methods at the 2100 level or above.~~
~~1.5 additional courses in Mathematics at the 3000 level or above.~~
1.5 additional courses from: Mathematics 2250A/B, Statistical Sciences 2858A/B, the former Mathematics 2124A/B, or any course in Applied Mathematics or Mathematics at the 3000 level or above.

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

MINOR IN MATHEMATICS

Admission Requirements

Completion of first-year requirements, including:

0.5 course: A mark of at least 60% in Calculus 1000A/B or Calculus 1500A/B.

0.5 course: A mark of at least 60% in Calculus 1501A/B (recommended) or a mark of at least 85% in Calculus 1301A/B. ~~(~~Numerical and Mathematical Methods 1412A/B and Numerical and Mathematical Methods 1414A/B**,**~~)~~ ~~or (the former Applied Mathematics 1412A/B and Applied Mathematics 1414A/B) or the former Applied Mathematics 1413~~ ~~(~~each with a mark of at least 60%~~)~~**,** may be used to replace the 1.0 Calculus course requirement. **Calculus 1500A/B, Calculus 1501A/B,** Mathematics 1120A/B and Mathematics 1700A/B are recommended.

Students with a complete first year that does not meet the above requirements may be admitted after a second-year half-course in ~~Calculus~~ **Applied Mathematics or Mathematics** with a mark of at least 60%.

Module
4.0 courses:

0.5 course: Applied Mathematics 2402A/B.
0.5 course from: Calculus 2402A/B, Mathematics 2500A/B, the former Calculus 2502A/B.
0.5 course from: Mathematics 2700A/B, **the former Applied Mathematics 2811A/B,** the former Mathematics 2120A/B.
~~0.5 course from: Calculus 2302A/B, Calculus 2402A/B, Calculus 2502A/B.~~
~~0.5 course from: Applied Mathematics 2402A/B, Applied Mathematics 2814F/G, Calculus 2303A/B, Calculus 2503A/B, Mathematics 2122A/B.~~
1.0 additional course from: courses in Applied Mathematics or Mathematics at the 2000 level or above.
~~2.5~~ **1.5 additional courses** from: Earth Sciences 2222A/B, Economics 2122A/B, Economics 2123A/B, Economics 2141A/B, Economics 2210A/B, Economics 2222A/B, Economics 2223A/B, Economics 3310A/B, Philosophy 2250, Philosophy 2251F/G, Philosophy 2252W/X, Philosophy 2254A/B, ~~the former Philosophy 3201A/B,~~ any Actuarial Science, Applied Mathematics, Computer Science, Data Science, Financial Modelling, Mathematics, Numerical and Mathematical Methods, or Statistical Sciences course at the 2000 level or above. Note that some of these courses have prerequisites that are not part of the module.

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

HONOURS SPECIALIZATION IN MATHEMATICAL AND STATISTICAL SCIENCES

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 0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B, the former Applied Mathematics 1412A/B, and 0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B, Numerical and Mathematical Methods 1414A/B, the former Applied Mathematics 1414A/B, plus 2.0 additional courses, with no mark in these principal courses below 60%. The former Applied Mathematics 1413 may be substituted for the 1.0 Calculus course requirements.~~ **with no mark in these principal courses below 60%, including:**

- **0.5 course from Calculus 1000A/B, Calculus 1500A/B, Numerical and Mathematical Methods 1412A/B.**
- **0.5 course from Calculus 1301A/B (with a mark of at least 85%), Calculus 1501A/B or Numerical and Mathematical Methods 1414A/B.**
- **Plus 2.0 additional courses.**

Notes:

- **Calculus 1500A/B, Calculus 1501A/B, Mathematics 1120A/B, Mathematics 1700A/B and Statistical Sciences 1023A/B are recommended.**
- One of **Mathematics 1600A/B,** Mathematics 1700A/B ~~(recommended), Mathematics 1600A/B,~~ **or** Numerical and Mathematical Methods 1411A/B ~~or the former Applied Mathematics 1411A/B, with a mark of at least 60% and~~ **must be** completed by the end of Term 1 in Year 2 **in order not to delay normal progression in the module**.

~~Statistical Sciences 1023A/B, while not required, will be useful for students in this module.~~

Module
10.0 courses:

~~0.5 course from: Mathematics 2700A/B, the former Mathematics 2120A/B, the former Applied Mathematics 2811A/B.~~
~~5.0~~ **4.5 courses**: Applied Mathematics 2402A/B, Applied Mathematics

2814~~F/G~~**A/B**, **Applied Mathematics 3811A/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**, Statistical Sciences 3657A/B**.
0.5 course: Mathematics 2155F/G.
0.5 course from: Mathematics 2700A/B, the former Applied Mathematics 2811A/B, the former Mathematics 2120A/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.
~~0.5 course from: Applied Mathematics 3811A/B, Mathematics 3124A/B.~~
0.5 course in Applied Mathematics **or Mathematics** at the 2100 level or above.
~~0.5 course in Mathematics at the 2100 level or above.~~
1.5 courses in Statistical Sciences, Actuarial Science or Financial Modeling at the 2100 level or above.
1.5 courses in Actuarial Sciences, Applied Mathematics, Financial Modelling, Mathematics, or Statistical Sciences at the 3000 level or above.

Note: ~~It is strongly recommended that Mathematics 2122A/B be completed in the year of entry into the module.~~ Students intending to pursue graduate studies in Pure Mathematics should take the Honours Specialization in Mathematics module. Students intending to pursue graduate studies in Statistical Sciences, Actuarial Science or Financial Modelling should take ~~Statistical Sciences 3657A/B and~~ Statistical Sciences 3858A/B~~,~~ and consult the graduate page of the Department of Statistical and Actuarial Sciences website for additional requirements pertaining to their respective fields of study.

HURON UNIVERSITY COLLEGE

MANAGEMENT AND ORGANIZATIONAL STUDIES

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

HONOURS SPECIALIZATION IN ORGANIZATIONAL STUDIES, POLICY, AND ETHICS

Admission Requirements

Students may **not** apply directly to a BMOS HONOURS SPECIALIZATION when they apply for admission to the University.

After first year, students may apply for admission upon completion of first-year requirements with no failures.

4.0 first-year courses taken in Fall/Winter term:

Students must have an average of at least 73% on, and no grade less than 60% in, the following

4.0 principal courses:

1.0 course: Business Administration 1220E.
0.5 course: MOS 1033A/B.
1.0 course from: Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1501A/B.
1.0 course: Economics 1021A/B, Economics 1022A/B.
0.5 course from: designated essay course numbered 1000-1999E or F/G.

Note: a full course load is 5.0 courses; the program recommends taking 1.0 elective course~~/s~~ that could serve as prerequisite~~s~~ to senior level courses in future years.

After second year, students applying for a BMOS HONOURS SPECIALIZATION must have:

a) achieved an average of at least 73% on the last 4.0 courses taken in the Fall/Winter term;
b) achieved an average of at least 73% on the 4.0 principal courses required for the module;
c) achieved a modular average of 70%;

d) obtained a minimum grade of 60% in each course required for the module;
e) obtained a passing grade in each elective course;
f) a minimum cumulative average of 65%.

Module
11.0 senior courses:

1.0 course normally taken in second year: Business Administration 2257 or MOS 2227A/B and MOS 2228A/B.
0.5 course: MOS 2242A/B.
1.5 courses: MOS 2155A/B, MOS 2181A/B, and MOS 2182F/G.
2.0 courses normally taken in third year from: MOS 2310A/B, MOS 2320A/B (or MOS 3320A/B), MOS 3321F/G, MOS 3330A/B, MOS 3362A/B, MOS 3370A/B, MOS 3385A/B, MOS 3388A/B.
1.5 courses normally taken in fourth year from: MOS 3311A/B, MOS 4410A/B, MOS 4471A/B, MOS 4488A/B, MOS 4489F/G.
0.5 course: MOS 3331A/B.
1.0 course from: MOS 2299F/G, MOS 3353F/G, MOS 4489F/G, MOS 4998F/G, designated essay course numbered 2000 or above.
0.5 course: Philosophy 2074F/G.
1.5 courses from: **MOS 2185A/B,** MOS 2198A/B, MOS 2222A/B, MOS 2250A/B, **MOS 2255F/G, MOS 2265F/G,** MOS 2275A/B, MOS 2277A/B, MOS 2298A/B, **MOS 3250A/B,** MOS 3398A/B, MOS 4481F/G, **MOS 4486A/B,** MOS 4498A/B~~, Philosophy 2821F/G, Philosophy 2822F/G~~.
1.0 course from~~: CGS 2002F/G, CGS 2004F/G; Economics 2124A/B, Economics 2125A/B; English 2011A/B, English 2012A/B; Governance, Leadership and Ethics 2001F/G, Governance, Leadership and Ethics 2003F/G, Governance, Leadership and Ethics 3011F/G; MOS 2185A/B, MOS 2255F/G, MOS 2265F/G, MOS 3250A/B, MOS 4486A/B, Philosophy 2700F/G, Philosophy 2801F/G, Philosophy 2812F/G; Political Science 2246E, Political Science 2257, Political Science 2284F/G; Religious Studies 3460A/B.~~ ***Interdisciplinary Perspectives group:*** **Any Huron designated essay course (suffix E, F, G) numbered 2000 or above; Huron designated language course numbered 2000 or above; or English 2011A/B, English 2012A/B, English 3010A/B, Philosophy 2250, Philosophy 2253A/B, Political Science 2257.**

Progression Requirements

To remain in a BMOS HONOURS SPECIALIZATION, students must have:

a) maintained a minimum modular average of 70%;
b) obtained a minimum grade of 60% in each course required for the module;
c) obtained a passing grade in each elective course;
d) a minimum cumulative average of 65%.

Students who fail to meet these progression requirements may be eligible to apply to a BMOS Specialization or to another program.

Graduation Requirements

To graduate with a BMOS HONOURS SPECIALIZATION degree, students must have achieved a minimum modular average of 70% with a minimum mark of 60% in each course, obtained a passing grade in each elective course, and maintained a minimum cumulative average of 65% on the 20.0 courses counted towards a BMOS HONOURS SPECIALIZATION degree. Students with advanced standing must have achieved an overall average of 65% on courses completed at this University.

All students require 2.0 designated essay courses (E, F or G; at least 1.0 of which must be a senior course numbered 2000-4999) and 1.0 course from each of the Categories A, B and C.

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

SPECIALIZATION IN ORGANIZATIONAL STUDIES, POLICY, AND ETHICS

Admission Requirements

Students may **not** apply directly to a BMOS SPECIALIZATION when they apply for admission to the University.

After first, second, or third year, students applying for a BMOS SPECIALIZATION must have:

a) achieved an average of at least 70% on the last 4.0 courses taken in the Fall/Winter term;
b) obtained a passing grade for each course required for admission to the module;
c) a minimum cumulative average of 65%.

4.0 first-year courses taken in Fall/Winter term:

1.0 course: Business Administration 1220E.
0.5 course: MOS 1033A/B.
1.0 course from: Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1501A/B.
1.0 course: Economics 1021A/B, Economics 1022A/B.
0.5 course from: designated essay course numbered 1000-1999E or F/G.

Note: a full course load is 5.0 courses; the program recommends taking 1.0 elective course~~/s~~ that could serve as prerequisite~~s~~ to senior level courses in future years.

Module
11.0 senior courses:

1.0 course normally taken in second year: Business Administration 2257 or MOS 2227A/B and MOS 2228A/B.
0.5 course: MOS 2242A/B.
1.0 course from: MOS 2155A/B, MOS 2181A/B, MOS 2182F/G.
2.5 courses normally taken in third year from: MOS 2310A/B, MOS 2320A/B (or MOS 3320A/B), MOS 3321F/G, MOS 3330A/B, MOS 3362A/B, MOS 3370A/B, MOS 3385A/B, MOS 3388A/B.
1.0 course normally taken in fourth year from: MOS 3311A/B, MOS 4410A/B, MOS 4488A/B, MOS 4489F/G.
1.0 course: MOS 3331A/B and MOS 3353F/G.
0.5 course: Philosophy 2074F/G.

1.5 courses from: **MOS 2185A/B,** MOS 2198A/B, MOS 2222A/B, MOS 2250A/B, **MOS 2255F/G, MOS 2265F/G,** MOS 2275A/B, MOS 2277A/B, MOS 2298A/B, **MOS 3250A/B,** MOS 3398A/B, MOS 4481F/G, **MOS 4486A/B,** MOS 4498A/B~~, Philosophy 2821F/G, Philosophy 2822F/G~~.
1.0 course from~~: CGS 2002F/G, CGS 2004F/G; Economics 2124A/B, Economics 2125A/B; English 2011A/B, English 2012A/B; Governance, Leadership and Ethics 2001F/G, Governance, Leadership and Ethics 2003F/G, Governance, Leadership and Ethics 3011F/G; MOS 2185A/B, MOS 2255F/G, MOS 2265F/G, MOS 3250A/B, MOS 4486A/B, Philosophy 2700F/G, Philosophy 2801F/G, Philosophy 2812F/G; Political Science 2246E, Political Science 2257, Political Science 2284F/G; Religious Studies 3460A/B.~~ ***Interdisciplinary Perspectives group:*** **Any Huron designated essay course (suffix E, F, G) numbered 2000 or above; Huron designated language course numbered 2000 or above; or English 2011A/B, English 2012A/B, English 3010A/B, Philosophy 2250, Philosophy 2253A/B, Political Science 2257.**
1.0 course: designated essay course numbered 2000 or above.

Progression Requirements

To remain in a BMOS SPECIALIZATION, students must have maintained a minimum cumulative average of 65%. In order to be readmitted to the BMOS Specialization, students must complete 4.0 additional courses in another discipline over the Fall/Winter term, achieve a minimum average of 70% in their last 4.0 courses, and have a minimum cumulative average of 65%.

Graduation Requirements

To graduate with a BMOS SPECIALIZATION degree, students must have achieved a minimum cumulative modular average of 65% on the 20.0 courses counted towards a BMOS SPECIALIZATION degree. Students with advanced standing must have achieved an overall average of 65% on courses completed at this University.

All students require 2.0 designated essay courses (E, F or G; at least 1.0 of which must be a senior course numbered 2000-4999) and 1.0 course from each of the Categories A, B and C.

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

MAJOR IN MANAGEMENT AND ORGANIZATIONAL STUDIES (must be part of a double Major)

Restricted to students registered in the BMOS Honours Degree.

Admission Requirements

Students may **not** apply directly to a BMOS HONOURS DOUBLE MAJOR when they apply for admission to the University.

After first year, students may apply for admission upon completion of first-year requirements with no failures.

4.0 first-year courses taken in Fall/Winter term:

Students must have an average of at least 70% on, and no grade less than 60% in, the following

4.0 principal courses:

1.0 course: Business Administration 1220E.
0.5 course: MOS 1033A/B.
1.0 course: Economics 1021A/B, Economics 1022A/B.
1.0 course from: Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1501A/B.
0.5 course from: designated essay course numbered 1000-1999E or F/G.

In addition to meeting the above admission requirements, students must successfully complete the admission requirements for a Major module in a discipline other than MOS. If admission requirements are not met for either or both of the Majors, students will not be allowed to register in a BMOS HONOURS DOUBLE MAJOR and will be required to apply to a BMOS Specialization, or to another program.

After second year, students applying for a BMOS HONOURS DOUBLE MAJOR must have:

a) achieved an average of at least 70% on the last 4.0 courses in Fall/Winter term;
b) achieved an average of at least 70% on the 4.0 principal courses required for the module;
c) achieved a modular average of 70%;

d) obtained a minimum grade of 60% in each course required for the module;
e) obtained a passing grade in each elective course;
f) a minimum cumulative average of 65%.

Module
7.0 senior courses:

3.5 courses from the Core Business group:

1.0 course from: Business Administration 2257**,** ~~or~~ MOS 2227A/B**,** ~~and~~ MOS 2228A/B.
2.0 courses: MOS 2181A/B, MOS 2242A/B, MOS 2310A/B, MOS 2320A/B.
0.5 course from: ~~MOS 2242A/B~~ **MOS 2235A/B, MOS 3330A/B**.

3.0 selected courses from Management and Organizational Studies:

~~5.0~~ **2.0 courses** from: ~~MOS 2181A/B,~~ MOS 2182F/G, ~~MOS 2198A/B, MOS 2310A/B, MOS 2320A/B,~~ MOS 2255F/G, MOS 2265F/G, MOS 2298A/B, MOS 2299F/G, MOS 3250A/B, MOS 3311A/B, ~~MOS 3320A/B,~~ MOS 3321F/G, ~~MOS 3330A/B,~~ MOS 3331A/B, MOS 3353F/G, MOS 3370A/B, MOS 3385A/B, MOS 3388A/B, MOS 3398A/B~~, MOS 4410A/B, MOS 4462A/B, MOS 4471A/B, MOS 4481F/G, MOS 4486A/B, MOS 4488A/B, MOS 4489F/G, MOS 4498A/B, MOS 4998F/G, the former MOS 3310A/B, the former MOS 4310A/B~~.
~~0.5 course from: Economics 2121A/B; History 2125F/G; Philosophy 2074F/G, Philosophy 2700F/G.~~
1.0 course from: MOS 4410A/B, MOS 4462A/B, MOS 4471A/B, MOS 4481F/G, MOS 4486A/B, MOS 4488A/B, MOS 4489F/G, MOS 4498A/B, MOS 4998F/G.

0.5 from Interdisciplinary Perspectives group:

Any Huron designated essay course (suffix E, F, G) numbered 2000 or above; any Huron designated language course numbered 2000 or above; or English 2011A/B, English 2012A/B, Philosophy 2250, Philosophy 2253A/B, Political Science 2257.

Progression Requirements

To remain in a BMOS HONOURS DOUBLE MAJOR, students must have:

a) maintained a minimum modular average of 70% in each Major module;
b) obtained a minimum grade of 60% in each course required for the module;
c) obtained a passing grade in each elective course;
d) a minimum cumulative average of 65%.

Students who fail to meet these progression requirements may be eligible to apply to a BMOS Specialization or to another program.

Graduation Requirements

To graduate with a BMOS HONOURS DOUBLE MAJOR degree, students must have achieved a minimum modular average of 70% with a minimum mark of 60% in each course of each module, obtained a passing grade in each elective course, and maintained a minimum cumulative average of 65% on the 20.0 courses counted towards the BMOS HONOURS DOUBLE MAJOR degree. Students with advanced standing must have achieved an overall average of 65% on courses completed at this University.

All students require 2.0 designated essay courses (E, F or G; at least 1.0 of which must be a senior course numbered 2000-4999) and 1.0 course from each of the Categories A, B and C.

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

MINOR IN ENTREPRENEURSHIP

Admission Requirements

Enrollment in this module is restricted to students enrolled at Huron University College.

Completion of first-year requirements with an average of at least 60%.

Module/Program Information

4.0 courses:

2.0 courses: MOS 2255F/G, MOS 3250A/B, MOS 3251A/B (or MOS 3398A/B if taken in Fall 2024-25 or 2025-26), MOS 4498A/B.
2.0 courses from*: **English 3010A/B,** GLE 2003F/G, History 1817F/G, History 1818F/G, History 2714F/G, MOS 2185A/B, MOS 2228A/B, MOS 2250A/B, MOS 2265F/G, MOS 4488A/B, MOS 4489F/G, Philosophy 2263F/G, Philosophy 3840F/G.

*Up to 1.0 other course may be substituted with permission from the program coordinator.

FACULTY OF THEOLOGY

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

JEWISH STUDIES 3231F/G
MONARCHS AND MESSIAHS IN THE BIBLICAL WORLD

(Short Title: Monarchs and Messiahs)

Course Description
This course will introduce students to the origins of the ancient Israelite monarchy, the Davidic dynasty, and the biblical concept of messiah.

Antirequisite(s): Religious Studies 3231F/G.

Prerequisite(s): Jewish Studies 2420A/B or equivalent, or permission of the instructor.

Extra Information: 3 lecture hours. Cross-listed with Religious Studies 3231F/G. Course Weight: 0.50

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

RELIGIOUS STUDIES 3231F/G
MONARCHS AND MESSIAHS IN THE BIBLICAL WORLD

(Short Title: Monarchs and Messiahs)

Course Description
This course will introduce students to the origins of the ancient Israelite monarchy, the Davidic dynasty, and the biblical concept of messiah.

Antirequisite(s): Jewish Studies 3231F/G.

Prerequisite(s): Religious Studies 2420A/B or equivalent, or permission of the instructor.

Extra Information: 3 lecture hours. Cross-listed with Jewish Studies 3231F/G. Course Weight: 0.50

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

MAJOR IN JEWISH STUDIES

Note: The Major in Jewish Studies is jointly offered by Huron University College and King's University College.

Admission Requirements

Completion of first-year requirements, with a minimum mark of 60% in each course.

First-year students interested in Jewish Studies are strongly encouraged to take Jewish Studies 1000F/G, “Introduction to Jewish Studies”, to start learning about Jewish Studies, but it is not required for admission to the module.

Module
6.0 courses:

1.0 course from: History 2821F/G, History 2822F/G, Jewish Studies 2370F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G, the former Jewish Studies 1370F/G.
0.5 course: Religious Studies 2286F/G.
1.0 course from: Hebrew 1020, Hebrew 1021A/B, Hebrew 1030, Hebrew 1040A/B, Hebrew 1041A/B, Hebrew 2200, Hebrew 2240A/B, Hebrew 2241A/B, Hebrew 3300.
3.5 courses from the following three categories, including a minimum of 0.5 course from each category. A list of additional courses in each category is maintained by the Faculty of Arts and Social Sciences at Huron University College.

Expressions (Languages and Arts): French 2211F/G, Hebrew 1020, Hebrew 1021A/B, Hebrew 1030, Hebrew 1040A/B, Hebrew 1041A/B, Hebrew 2200, Hebrew 2240A/B, Hebrew 2241A/B, Hebrew 3300 (if not taken to satisfy the requirements described earlier in the module)**,** Jewish Studies 2145F/G, Jewish Studies 2345F/G, Jewish Studies 2790F/G, Jewish Studies 3790F/G, Jewish Studies 4790F/G, Religious Studies 2145F/G, Religious Studies 2345F/G.
Experience (History and Social Science): History 2147A/B, History 2608F/G, History 2821F/G, History 2822F/G (if not taken to satisfy the requirements described earlier in the module), History 3416F/G, History 3430F/G, History 3808F/G, History 4426E, History 4861F/G, Jewish Studies 2169A/B, Jewish Studies 2370F/G, Jewish Studies 2791F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G (if not taken to satisfy the requirements described earlier in the module), Jewish Studies 3416F/G, Jewish Studies 3450F/G, Jewish Studies 3791F/G, Jewish

Studies 4791F/G, Political Science 4409F/G, Religious Studies 2169A/B, Religious Studies 3450F/G.
Ideas (Classical and Modern Jewish Thought): Jewish Studies 1250F/G, Jewish Studies 2114A/B, Jewish Studies 2168A/B, Jewish Studies 2204F/G, Jewish Studies 2255F/G, Jewish Studies 2260F/G, Jewish Studies 2347F/G, Jewish Studies 2420A/B, Jewish Studies 2665F/G, Jewish Studies 2667F/G, Jewish Studies 2720F/G, Jewish Studies 2792F/G, **Jewish Studies 3231F/G,** Jewish Studies 3453F/G, Jewish Studies 3792F/G, Jewish Studies 4040F/G, Jewish Studies 4792F/G, Philosophy 2665F/G, Philosophy 2667F/G, Religious Studies 2114A/B, Religious Studies 2163A/B, Religious Studies 2168A/B, Religious Studies 2171A/B, Religious Studies 2204F/G, Religious Studies 2255F/G, Religious Studies 2259F/G, Religious Studies 2260F/G, Religious Studies 2347F/G, Religious Studies 2420A/B, Religious Studies 2720F/G, Religious Studies 3020F/G, Religious Studies 3030F/G, **Religious Studies 3231F/G,** Religious Studies 3453F/G, Religious Studies 4040F/G.

Note: Some courses in this module may require prerequisites; students are advised to check course prerequisites carefully.

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

MINOR IN JEWISH STUDIES

Note: The Minor in Jewish Studies is jointly offered by Huron University College and King's University College.

Admission Requirements

Completion of first-year requirements, with a minimum mark of 60% in each course.

First-year students interested in Jewish Studies are strongly encouraged to take Jewish Studies 1000F/G, “Introduction to Jewish Studies”, to start learning about Jewish Studies, but it is not required for admission to the module.

Module
4.0 courses:

1.0 course from: History 2821F/G, History 2822F/G, Jewish Studies 2370F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G, the former Jewish Studies 1370F/G.
0.5 course: Religious Studies 2286F/G.
0.5 course from **Expressions** (Languages and Arts): French 2211F/G, Hebrew 1020, Hebrew 1021A/B, Hebrew 1030, Hebrew 1040A/B, Hebrew 1041A/B, Hebrew 2200, Hebrew 2240A/B, Hebrew 2241A/B, Hebrew 3300, Jewish Studies 2145F/G, Jewish Studies 2345F/G, Jewish Studies 2790F/G, Jewish Studies 3790F/G, Jewish Studies 4790F/G, Religious Studies 2145F/G, Religious Studies 2345F/G.
0.5 course from **Experience** (History and Social Science): History 2147A/B, History 2608F/G, History 2821F/G, History 2822F/G (if not taken to satisfy the requirements described earlier in the module), History 3416F/G, History 3430F/G, History 3808F/G, History 4426E, History 4861F/G, Jewish Studies 2169A/B, Jewish Studies 2370F/G, Jewish Studies 2791F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G (if not taken to satisfy the requirements described earlier in the module), Jewish Studies 3416F/G, Jewish Studies 3450F/G, Jewish Studies 3791F/G, Jewish Studies 4791F/G, Political Science 4409F/G, Religious Studies 2169A/B, Religious Studies 3450F/G.
0.5 course from **Ideas** (Classical and Modern Jewish Thought): Jewish Studies 1250F/G, Jewish Studies 2114A/B, Jewish Studies 2168A/B, Jewish Studies 2204F/G, Jewish Studies 2255F/G, Jewish Studies 2260F/G, Jewish Studies 2347F/G, Jewish Studies 2420A/B, Jewish Studies 2665F/G, Jewish Studies 2667F/G, Jewish Studies 2720F/G, Jewish Studies 2792F/G, **Jewish Studies 3231F/G,** Jewish Studies 3453F/G, Jewish Studies 3792F/G, Jewish Studies 4040F/G, Jewish Studies 4792F/G, Philosophy 2665F/G, Philosophy 2667F/G, Religious Studies 2114A/B, Religious Studies 2163A/B, Religious Studies

2168A/B, Religious Studies 2171A/B, Religious Studies 2204F/G, Religious Studies 2255F/G, Religious Studies 2259F/G, Religious Studies 2260F/G, Religious Studies 2347F/G, Religious Studies 2420A/B, Religious Studies 2720F/G, Religious Studies 3020F/G, Religious Studies 3030F/G, **Religious Studies 3231F/G,** Religious Studies 3453F/G, Religious Studies 4040F/G.
1.0 additional course from any of the three categories listed above (Expressions, Experience, and Ideas), or other courses from a list maintained by the Faculty of Arts and Social Sciences at Huron University College.

Note: Some courses in this module may require prerequisites; students are advised to check course prerequisites carefully. Hebrew is not mandatory for the Minor but a Hebrew course is recommended.

KING'S UNIVERSITY COLLEGE

DEPARTMENT OF HISTORY

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

HISTORY 3421F/G
HITLER'S EUROPE: A CONTINENT UNDER AXIS OCCUPATION

(Short Title: Hitler's Europe)

Course Description
A study of Europe under Axis occupation between 1939 and 1945. The course examines the experience of occupying powers and occupied populations, through the lenses of military, political, cultural, and social history. Topics covered include ideology, violence, genocide, economic exploitation, collaboration, resistance, everyday life, and collective memory.

Extra Information: 3 hours.
Course Weight: 0.50

SCHOOL OF MANAGEMENT, ECONOMICS, AND MATHEMATICS

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

MANAGEMENT AND ORGANIZATIONAL STUDIES 4463A/B
ADVANCED AUDIT

Course Description
This course expands and integrates topics covered in the Introduction to Audit course, introduces advanced topics in auditing and considers current issues in the audit profession.

Prerequisite(s): MOS 3363A/B and enrolment in 4th year of BMOS.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Management and Organizational Studies 4463A/B is also offered at Huron University College and Main campus. The proposed prerequisites and extra information will apply only to the offering at King's University College.

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

MANAGEMENT AND ORGANIZATIONAL STUDIES 2277A/B
PERSONAL FINANCIAL PLANNING

Course Description
This course is designed to give students the tools necessary to manage their own finances over their lifetime. It would be of interest to anyone who plans to have a job, buy a car, buy a house, have a family, and retire to a comfortable life.

~~Prerequisite(s): Enrolment in MOS Honours Specialization, Specialization or Major.~~

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Management and Organizational Studies 2277A/B is also offered at Huron University College and Main Campus. The proposed revisions will apply only to the offering at King's University College.

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

MANAGEMENT AND ORGANIZATIONAL STUDIES 3361A/B
INTERMEDIATE ACCOUNTING II

Course Description
Theory and concepts of financial accounting particularly in the areas of current and long-term liabilities and shareholders' equity.

Prerequisite(s): MOS 3360A/B and enrolment in **3rd or 4th year of B**MOS~~, or Double Major in Finance and Economics~~ **or Music Administrative Studies (MAS)**.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Management and Organizational Studies 3361A/B is also offered at Huron University College and Main Campus. The proposed revisions will apply only to the offering at King's University College.

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

MANAGEMENT AND ORGANIZATIONAL STUDIES 3362A/B
INTRODUCTION TO TAXATION IN CANADA

Course Description
An introduction to the Income Tax Act (Canada) and its effect on taxation for individuals and corporations. Examines the determination of income, deductions and tax credits for both personal and corporate taxpayers.

Antirequisite(s) at Main campus: Business Administration 4479A/B.

Prerequisite(s): ~~MOS 3360A/B~~ **Business Administration 2257 or MOS 2227A/B,** and enrolment in 3rd or 4th year of BMOS.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Management and Organizational Studies 3362A/B is also offered at Huron University College and Main Campus. The proposed revisions will apply only to the offering at King's University College.

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

MANAGEMENT AND ORGANIZATIONAL STUDIES 3363A/B
INTRODUCTION TO AUDITING

Course Description
An introduction to auditing concepts and procedures. Students will learn to recognize statement assertions and the risks associated with them. Topics include audit methodology, ethics, judgment, and emphasizing assessment of the internal control system and its impact on audit risk.

Antirequisite(s): Business Administration 4497A/B.

Prerequisite(s): ~~MOS 3361A/B~~ **MOS 3360A/B** and enrolment in 3rd or 4th year of BMOS. **Co-requisite(s): MOS 3361A/B.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Management and Organizational Studies 3363A/B is also offered at Huron University College and Main Campus. The proposed revisions will apply only to the offering at King's University College.

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

MANAGEMENT AND ORGANIZATIONAL STUDIES 4472A/B
ACCOUNTING INFORMATION SYSTEMS

Course Description
This course focuses on the strategic context of the flow of accounting information from a systems perspective, specifically, the needs and responsibilities of accountants as users of technology. The impact of new technologies and emerging issues in accounting will be integrated throughout the course.

Prerequisite(s): ~~MOS 3361A/B,~~ MOS 3370A/B, and enrolment in 4th year of BMOS.

Extra Information: 3 lecture hours.
Course Weight: 0.50

Administrative Note: Management and Organizational Studies 3363A/B is also offered at Huron University College and Main Campus. The proposed revisions will apply only to the offering at King's University College.

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

CERTIFICATE IN THEORY-TO-ACTION: APPLIED SOCIAL RESEARCH

The Certificate in Theory-to-Action: Applied Social Research at King's University College is designed to provide students with the theoretical and practical tools to design, conduct, interpret, and critically evaluate quantitative and qualitative social research. This Certificate program will ensure students gain valuable experience applying their knowledge as they carry out their own independent and/or group research projects.

Admission Requirements

Completion of first-year requirements with no failures and a minimum cumulative average of 65%. Students must also be registered in a module in Sociology or Criminology.

Module/Program Information

To qualify for the Certificate in Theory-to-Action: Applied Social Research, students must achieve an overall average of 65% in the following 4.0 courses:

~~0.5~~ **1.0 course**: Sociology 2108A/B**, Sociology 3342F/G**.
~~2.5~~ **2.0 courses**: Sociology 2205A/B, Sociology 2206A/B, Sociology 3306F/G, Sociology 3310F/G~~, Sociology 4404F/G~~.
0.5 course from: ~~Sociology 4405F/G, Sociology 4409F/G~~ **Sociology 3405F/G, Sociology 3409F/G**.
0.5 course: Sociology 4446F/G.

DEPARTMENT OF PHILOSOPHY

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

PHILOSOPHY 3007F/G
TOPICS IN ANCIENT PHILOSOPHY

Course Description
~~Extra Information: 3 hours.~~ **See Department for current offerings.**

Prerequisite(s): ~~Philosophy 1100E, Philosophy 2200F/G, or Philosophy 2205W/X.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department Chair.**

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 3007F/G is also offered at Huron University College. The proposed revisions to prerequisites will apply only to the offering at King's University College. A generic special topics course description is being added to the offering at both Huron University College and King's University College, and the extra information section is being moved into its own separate field on both course entries.

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

PHILOSOPHY 3008F/G
TOPICS IN ANCIENT PHILOSOPHY

Course Description
~~Extra Information: 3 hours.~~ **See Department for current offerings.**

Prerequisite(s): ~~Philosophy 1100E, Philosophy 2200F/G, or Philosophy 2205W/X.~~ **Third or Fourth Year standing in Philosophy or by 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 3013E
THOMISTIC PHILOSOPHY II

Course Description
An advanced course in the philosophy of Thomas Aquinas for those already familiar with his thought. Some later forms of Thomism will also be considered.

Prerequisite(s): ~~Philosophy 2014 or Philosophy 2214.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 hours.
Course Weight: 1.00

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

PHILOSOPHY 3034F/G
19TH CENTURY EUROPEAN PHILOSOPHY

Course Description
A critical, historical and thematic examination of the main currents of 19th century European philosophy including German Idealism and the movements from which Existentialism originated -- forming the background to 20th century European Continental philosophy.

Prerequisite(s): ~~Third or fourth year honours standing in Philosophy.~~ **Third or Fourth Year standing in Philosophy or by 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 3070F/G
AUGUSTINE

Course Description
This course discusses Augustine's claim that self-knowledge leads to knowledge and love of God. Ideas examined include the operations of knowing, the character of truth, knowing and doing, the effects of evil, especially pride and self-deception, on knowing, and the relation of knowing to grace and revelation.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by 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 3071F/G
CONFUCIAN THOUGHT

Course Description
The Confucian Analects present a developing set of insights on transcendence through self-development and participation in cosmic harmony. This course examines the dynamic dialogue that is present among parts of the Analects on these ideas and on relevant unsettled questions that are considered in later Chinese thought.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by 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 3072F/G
BERNARD LONERGAN ON RELIGION AND CULTURE

Course Description
Canadian philosopher Lonergan's work on a 'foundational philosophy' presents possibilities for enriching discussions among scholars in many fields and in various religions. This course examines and applies Lonergan's ideas on the basis of culture, religious experience, the relation of faith and reason, spirituality, and secularity.

Prerequisite(s): ~~3rd or 4th year standing in any program.~~ **Third or Fourth Year standing in Philosophy or by 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 3075F/G
TOPICS IN EARLY MODERN PHILOSOPHY

Course Description
~~Extra Information: 3 hours.~~ **See Department for current offerings.**

Prerequisite(s): ~~Philosophy 1100E, Philosophy 2202F/G or Philosophy 2206W/X.~~ **Third or Fourth Year standing in Philosophy or by 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 3085F/G
TOPICS IN MODERN PHILOSOPHY

Course Description
Later modern philosophy with particular emphasis on the philosophy of the 19th century. **See Department for current offerings.**

Prerequisite(s): ~~Philosophy 2202F/G, Philosophy 2206W/X, Philosophy 3075F/G, or third or fourth year honours standing in Philosophy.~~ **Third or Fourth Year standing in Philosophy or by 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 3086F/G
TOPICS IN MODERN PHILOSOPHY

Course Description
Later modern philosophy with particular emphasis on the philosophy of the 19th century. **See Department for current offerings.**

Prerequisite(s): ~~Philosophy 2202F/G, Philosophy 2206W/X, Philosophy 3075F/G, or third or fourth year honours standing in Philosophy.~~ **Third or Fourth Year standing in Philosophy or by 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 3244F/G
PLANETARY ETHICS AND SOCIAL TRANSFORMATION

Course Description
This class considers the intersection of ethical and political issues regarding global socioeconomic systems, ecological imbalance, and planetary change. It follows a pluralist methodology drawing from various world philosophical traditions and contemporary scholarship and explores issues of climate change and climate justice, decoloniality, social transformation and cultural pluralism.
~~Antirequisites: The former Philosophy 2244F/G.~~

Antirequisite(s): The former Philosophy 2244F/G.

Prerequisite(s): Third or Fourth Year standing in Philosophy or by permission of the Department.

Extra Information: 3 lecture hours. Students are encouraged to take Philosophy 2242F/G: Philosophy of the Earth concurrently with or prior to this course to broaden their understanding of the ethical and social issues discussed in this course.
Course Weight: 0.50

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

PHILOSOPHY 3325F/G
SPECIAL TOPICS IN CHINESE PHILOSOPHY

Course Description
A special topic in Chinese philosophy will be investigated. **See Department for current offerings.**

Prerequisite(s): ~~3rd or 4th year in a Philosophy module.~~ **Third or Fourth Year standing in Philosophy or by 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 3326F/G
SPECIAL TOPICS IN JAPANESE PHILOSOPHY

Course Description
A special topic in ~~Japenese~~ **Japanese** philosophy will be investigated. **See Department for current offerings.**

Prerequisite(s): ~~3rd or 4th year in a Philosophy module.~~ **Third or Fourth Year standing in Philosophy or by 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 3327F/G
SPECIAL TOPICS IN INDIGENOUS PHILOSOPHY

Course Description
A special topic in Indigenous philosophy will be investigated. **See Department for current offerings.**

Prerequisite(s): ~~3rd or 4th year in a Philosophy module.~~ **Third or Fourth Year standing in Philosophy or by 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 3328F/G
SPECIAL TOPICS IN ISLAMIC PHILOSOPHY

Course Description
A special topic in Islamic philosophy will be investigated. **See Department for current offerings.**

Prerequisite(s): ~~3rd or 4th year in a Philosophy module.~~ **Third or Fourth Year standing in Philosophy or by 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 3343F/G
SPECIAL TOPICS IN ETHICS

Course Description
A special topic in Ethics will be investigated. **See Department for current offerings.**

Prerequisite(s): ~~3rd or 4th year in a Philosophy module.~~ **Third or Fourth Year standing in Philosophy or by 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 3560F/G
HUMAN RIGHTS IN SOCIAL POLITICAL THOUGHT

Course Description
An advanced reading seminar in Social Political Thought with a focus on Human Rights. Topics will explore the power and philosophical underpinnings that are important to the consideration and establishment of human rights. See the department website for details about the authors and topic being treated in any given year.

Prerequisite(s): ~~3rd or 4th year registration, or permission of the Department.~~ **Third or Fourth Year standing in Philosophy or in Human Rights Studies or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3561F/G
HUMAN RIGHTS IN SOCIAL POLITICAL THOUGHT

Course Description
An advanced reading seminar in Social Political Thought with a focus on Human Rights. Topics will explore the power and philosophical underpinnings that are important to the consideration and establishment of human rights. See the department website for details about the authors and topic being treated in any given year.

Prerequisite(s): ~~3rd or 4th year registration in an Honours program, or permission of the Department.~~ **Third or Fourth Year standing in Philosophy or in Human Rights Studies or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3562F/G
HUMAN RIGHTS IN SOCIAL POLITICAL THOUGHT

Course Description
An advanced reading seminar in Social Political Thought with a focus on Human Rights. Topics will explore the power and philosophical underpinnings that are important to the consideration and establishment of human rights. See the department website for details about the authors and topic being treated in any given year.

Prerequisite(s): ~~3rd or 4th year registration in an Honours program, or permission of the Department.~~ **Third or Fourth Year standing in Philosophy or in Human Rights Studies or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3673F/G
THE PROBLEM OF LOVE

Course Description
An investigation into some of the central concepts of love from ancient, medieval, and modern thinkers. Special emphasis is placed on questions concerning the nature and role or eros, of agape, and of philia, and whether these different kinds of love can exist together harmoniously.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3674F/G
PHILOSOPHICAL THOUGHT OF JOHN PAUL II

Course Description
A textual analysis and discussion of John Paul II's pre-pontifical and pontifical writings as they pertain to his philosophical thought.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3691F/G
SPECIAL TOPICS IN THE PHILOSOPHY OF RELIGION

Course Description
See department for current offerings.

Prerequisite(s): ~~3rd or 4th year standing in Honours Specialization or Major in Philosophy modules.~~ **Third or Fourth Year standing in Philosophy or by 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 3885F/G
ADVANCED TOPICS IN SOCIAL POLITICAL THOUGHT

Course Description
An advanced reading seminar in Social Political Thought. See the department website for details about the authors and topic being treated in any given year.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy or Social Political Thought program.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3886F/G
ADVANCED TOPICS IN SOCIAL POLITICAL THOUGHT

Course Description
An advanced reading seminar in Social Political Thought. See the department website for details about the authors and topic being treated in any given year.

Prerequisite(s): ~~3rd or 4th year standing in any program.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 lecture hours.
Course Weight: 0.50

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

PHILOSOPHY 3997F/G
TOPICS IN PHILOSOPHY

Course Description
An advanced reading course open to third or fourth year students registered in an Honours Specialization, Honours Double Major or Specialization module in Philosophy. Before registering the student must work out a detailed plan of study with a professor willing to supervise the student's work and have this plan approved by the Undergraduate Chair.

Prerequisite(s): Third or Fourth Year standing in Philosophy or by permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 3997F/G is also offered at Huron University College and Main campus. The proposed revisions to prerequisites will apply only to the offering at King's University College.

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

PHILOSOPHY 4050F/G
SEMINAR ON KANT

Course Description
~~Extra Information: 3 hours.~~ **An advanced reading seminar on Kant's philosophy.**

Prerequisite(s): Philosophy 2202F/G or Philosophy 2206W/X and third or fourth year honours standing in Philosophy. **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 4050F/G is also offered at Huron University College. The proposed revisions to prerequisites will apply only to the offering at King's University College. A generic course description is being added to the offering at both Huron University College and King's University College, and the extra information section is being moved into its own separate field on both course entries.

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

PHILOSOPHY 4058F/G
SEMINAR ON HEGEL

Course Description
An advanced reading seminar on Hegel's philosophy.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by 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 4059F/G
SEMINAR ON NIETZSCHE

Course Description
An advanced reading seminar on Nietzsche's philosophy.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by 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 4060F/G
ADVANCED SEMINAR ON PLATO

Course Description
A study of the works of Plato.

Prerequisite(s): ~~Third or fourth year standing in Philosophy.~~ **Third or Fourth Year standing in Philosophy or by 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 4061F/G
ADVANCED SEMINAR IN ARISTOTLE

Course Description
A study of the works of Aristotle.

Prerequisite(s): ~~Third or fourth year standing in Philosophy.~~ **Third or Fourth Year standing in Philosophy or by 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 4075F/G
SEMINAR IN 20TH CENTURY PHILOSOPHY

Course Description
~~Extra Information: 3 hours.~~ **See Department for current offerings.**

Prerequisite(s): ~~Third and Fourth Year Honours standing in a Philosophy Program or Module.~~ **Third or Fourth Year standing in Philosophy or by permission of the Department.**

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 4075F/G is also offered at Main campus. The proposed revisions to prerequisites will apply only to the offering at King's University College. A generic special topics course description is being added to the offering at both King's University College and Main campus, and the extra information section is being moved into its own separate field on both course entries.

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

PHILOSOPHY 4078F/G
SEMINAR IN 20TH CENTURY PHILOSOPHY

Course Description
~~Extra Information: 3 hours.~~ **See Department for current offerings.**

Prerequisite(s): ~~Third and Fourth Year Honours standing in a Philosophy Program or Module.~~ **Third or Fourth Year standing in Philosophy or by 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 4094F/G
CONTEMPORARY CONTINENTAL SOCIAL AND POLITICAL THOUGHT

Course Description
An investigation of central figures and concepts in 20th century Continental European social and political thought. Questions to be investigated: the nature of power, the roles and nature of the state, the construction of subjectivity, feminism, and the legacy of genocide.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by 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 4095F/G
HEIDEGGER

Course Description
A critical reading of the philosophy of Martin Heidegger.

Prerequisite(s): ~~Third and Fourth Year Honours standing in a Philosophy Program or Module.~~ **Third or Fourth Year standing in Philosophy or by 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 4096F/G
SEMINAR IN ANCIENT PHILOSOPHY

Course Description
~~Extra Information: 3 hours.~~ **See Department for current offerings.**

Prerequisite(s): ~~Third and Fourth Year Honours standing in a Philosophy Program or Module.~~ **Third or Fourth Year standing in Philosophy or by 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 4098F/G
ADVANCED SEMINAR ON MARCUS AURELIUS' MEDITATIONS

Course Description
A close reading and critical discussion of the Stoic emperor's work. Topics include his cognitivist theory of emotions, his urge to live the present moment in the fullest, the tension between determinism and freedom. How can Marcus' unique solutions positively influence both our everyday life and the therapy of emotions?

Prerequisite(s): ~~Philosophy 2200F/G or Philosophy 2205W/X, or by permission of the Department.~~ **Third or Fourth Year standing in Philosophy or by 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 4570F/G
PHENOMENOLOGY

Course Description
20th century phenomenologists developed and practiced methods by which they could access and describe the nature of reality. Students will engage with such phenomenologists (e.g., Husserl, Heidegger, Stein, Merleau-Ponty, Sartre) in order to analyze questions concerning the nature of being and consciousness, freedom, time, space, subjectivity and intersubjectivity.

Prerequisite(s): ~~3rd or 4th year standing in a Philosophy program.~~ **Third or Fourth Year standing in Philosophy or by 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 4996F/G
ADVANCED TOPICS IN PHILOSOPHY

Course Description
An advanced reading course open to third or fourth year students registered in an Honours Specialization, Honours Double Major or Specialization module in Philosophy. Before registering the student must work out a detailed plan of study with a professor willing to supervise the student's work and have this plan approved by the Undergraduate Chair.

Prerequisite(s): Third or Fourth Year standing in Philosophy or by permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 4996F/G is also offered at Huron University College and Main campus. The proposed revisions to prerequisites will apply only to the offering at King's University College.

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

PHILOSOPHY 4997F/G
ADVANCED TOPICS IN PHILOSOPHY

Course Description
An advanced reading course open to third or fourth year students registered in an Honours Specialization, Honours Double Major or Specialization module in Philosophy. Before registering the student must work out a detailed plan of study with a professor willing to supervise the student's work and have this plan approved by the Undergraduate Chair.

Prerequisite(s): Third or Fourth Year standing in Philosophy or by permission of the Department.

Extra Information: 3 hours.
Course Weight: 0.50

Administrative Note: Philosophy 4997F/G is also offered at Huron University College and Main campus. The proposed revisions to prerequisites will apply only to the offering at King's University College.

DEPARTMENT OF RELIGIOUS STUDIES

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

MAJOR IN JEWISH STUDIES

Note: The Major in Jewish Studies is jointly offered by Huron University College and King's University College.

Admission Requirements

Completion of first-year requirements, with a minimum mark of 60% in each course.

First-year students interested in Jewish Studies are strongly encouraged to take Jewish Studies 1000F/G, “Introduction to Jewish Studies”, to start learning about Jewish Studies, but it is not required for admission to the module.

Module

6.0 courses:

1.0 course from: History 2821F/G, History 2822F/G, Jewish Studies 2370F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G, the former Jewish Studies 1370F/G.
0.5 course: Religious Studies 2286F/G.
1.0 course from: Hebrew 1020, Hebrew 1021A/B, Hebrew 1030, Hebrew 1040A/B, Hebrew 1041A/B, Hebrew 2200, Hebrew 2240A/B, Hebrew 2241A/B, Hebrew 3300.
3.5 courses from the following three categories, including a minimum of 0.5 course from each category. A list of additional courses in each category is maintained by the Faculty of Arts and Social Sciences at Huron University College.

> **Expressions** (Languages and Arts): French 2211F/G, Hebrew 1020, Hebrew 1021A/B, Hebrew 1030, Hebrew 1040A/B, Hebrew 1041A/B, Hebrew 2200, Hebrew 2240A/B, Hebrew 2241A/B, Hebrew 3300 (if not taken to satisfy the requirements described earlier in the module), Jewish Studies 2145F/G, Jewish Studies 2345F/G, Jewish Studies 2790F/G, Jewish Studies 3790F/G, Jewish Studies 4790F/G, Religious Studies 2145F/G, Religious Studies 2345F/G.
> **Experience** (History and Social Science): History 2147A/B, History 2608F/G, History 2821F/G, History 2822F/G (if not taken to satisfy the requirements described earlier in the module), History 3416F/G, History 3430F/G, History 3808F/G, History 4426E, History 4861F/G, Jewish Studies 2169A/B, Jewish Studies 2370F/G, Jewish Studies 2791F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G (if not taken to satisfy

the requirements described earlier in the module), Jewish Studies 3416F/G, Jewish Studies 3450F/G, Jewish Studies 3791F/G, Jewish Studies 4791F/G, Political Science 4409F/G, Religious Studies 2169A/B, Religious Studies 3450F/G.
Ideas (Classical and Modern Jewish Thought): Jewish Studies 1250F/G, Jewish Studies 2114A/B, Jewish Studies 2168A/B, Jewish Studies 2204F/G, Jewish Studies 2255F/G, Jewish Studies 2260F/G, Jewish Studies 2347F/G, Jewish Studies 2420A/B, Jewish Studies 2665F/G, Jewish Studies 2667F/G, Jewish Studies 2720F/G, Jewish Studies 2792F/G, **Jewish Studies 3231F/G,** Jewish Studies 3453F/G, Jewish Studies 3792F/G, Jewish Studies 4040F/G, Jewish Studies 4792F/G, Philosophy 2665F/G, Philosophy 2667F/G, Religious Studies 2114A/B, Religious Studies 2163A/B, Religious Studies 2168A/B, Religious Studies 2171A/B, Religious Studies 2204F/G, Religious Studies 2255F/G, Religious Studies 2259F/G, Religious Studies 2260F/G, Religious Studies 2347F/G, Religious Studies 2420A/B, Religious Studies 2720F/G, Religious Studies 3020F/G, Religious Studies 3030F/G, **Religious Studies 3231F/G,** Religious Studies 3453F/G, Religious Studies 4040F/G.

Note: Some courses in this module may require prerequisites; students are advised to check course prerequisites carefully.

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

MINOR IN JEWISH STUDIES

Note: The Minor in Jewish Studies is jointly offered by Huron University College and King's University College.

Admission Requirements

Completion of first-year requirements, with a minimum mark of 60% in each course.

First-year students interested in Jewish Studies are strongly encouraged to take Jewish Studies 1000F/G, “Introduction to Jewish Studies”, to start learning about Jewish Studies, but it is not required for admission to the module.

Module
4.0 courses:

1.0 course from: History 2821F/G, History 2822F/G, Jewish Studies 2370F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G, the former Jewish Studies 1370F/G.
0.5 course: Religious Studies 2286F/G.
0.5 course from **Expressions** (Languages and Arts): French 2211F/G, Hebrew 1020, Hebrew 1021A/B, Hebrew 1030, Hebrew 1040A/B, Hebrew 1041A/B, Hebrew 2200, Hebrew 2240A/B, Hebrew 2241A/B, Hebrew 3300, Jewish Studies 2145F/G, Jewish Studies 2345F/G, Jewish Studies 2790F/G, Jewish Studies 3790F/G, Jewish Studies 4790F/G, Religious Studies 2145F/G, Religious Studies 2345F/G.
0.5 course from **Experience** (History and Social Science): History 2147A/B, History 2608F/G, History 2821F/G, History 2822F/G (if not taken to satisfy the requirements described earlier in the module), History 3416F/G, History 3430F/G, History 3808F/G, History 4426E, History 4861F/G, Jewish Studies 2169A/B, Jewish Studies 2370F/G, Jewish Studies 2791F/G, Jewish Studies 2821F/G, Jewish Studies 2822F/G (if not taken to satisfy the requirements described earlier in the module), Jewish Studies 3416F/G, Jewish Studies 3450F/G, Jewish Studies 3791F/G, Jewish Studies 4791F/G, Political Science 4409F/G, Religious Studies 2169A/B, Religious Studies 3450F/G.
0.5 course from **Ideas** (Classical and Modern Jewish Thought): Jewish Studies 1250F/G, Jewish Studies 2114A/B, Jewish Studies 2168A/B, Jewish Studies 2204F/G, Jewish Studies 2255F/G, Jewish Studies 2260F/G, Jewish Studies 2347F/G, Jewish Studies 2420A/B, Jewish Studies 2665F/G, Jewish Studies 2667F/G, Jewish Studies 2720F/G, Jewish Studies 2792F/G, **Jewish Studies 3231F/G,** Jewish Studies 3453F/G, Jewish Studies 3792F/G, Jewish Studies 4040F/G, Jewish Studies 4792F/G, Philosophy 2665F/G, Philosophy 2667F/G, Religious Studies 2114A/B, Religious Studies 2163A/B, Religious Studies

2168A/B, Religious Studies 2171A/B, Religious Studies 2204F/G, Religious Studies 2255F/G, Religious Studies 2259F/G, Religious Studies 2260F/G, Religious Studies 2347F/G, Religious Studies 2420A/B, Religious Studies 2720F/G, Religious Studies 3020F/G, Religious Studies 3030F/G, **Religious Studies 3231F/G,** Religious Studies 3453F/G, Religious Studies 4040F/G.
1.0 additional course from any of the three categories listed above (Expressions, Experience, and Ideas), or other courses from a list maintained by the Faculty of Arts and Social Sciences at Huron University College.

Note: Some courses in this module may require prerequisites; students are advised to check course prerequisites carefully. Hebrew is not mandatory for the Minor but a Hebrew course is recommended.

The following proposals were brought forward for information at the April 29, 2026 meeting of the Subcommittee on Undergraduate Academic Courses (SOC). These existing Dentistry courses will be added to the Academic Calendar.

SCHULICH SCHOOL OF MEDICINE & DENTISTRY

DENTISTRY

DENTISTRY 5010
YEARS 2 & 3 PRECLINICAL ORAL HEALTH

(Short Title: Preclinical Oral Health)

Course Description
This elective offers preclinical students with experiential learning in research and/or clinical settings. They collaborate and engage with local or global dental practitioners, researchers, or community organizations to meet personalized learning goals and address unmet oral health needs of at-risk populations, while fostering individual growth in a real-world setting.

Prerequisite(s): Completion of the Year 1 of the Doctor of Dental Surgery Program, with no preclinical, clinical or professionalism remediation and no didactic or practical supplemental examinations.

Extra Information: Hybrid (online asynchronous and in-person). 185 total hours.
Course Weight: 1.00

DENTISTRY 5102
PHARMACOLOGY THERAPEUTICS IN DENTISTRY

(Short Title: Pharmacology Therapeutics)

Course Description
This course covers key concepts in pharmacology with a focus on drug classes commonly used and encountered in dental practice. Topics will be presented emphasizing the mechanism(s) underlying the actions of various drug classes, their adverse effects, and clinically relevant drug interactions.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 31 total hours.
Course Weight: 1.00

DENTISTRY 5124
GROWTH & DEVELOPMENT

Course Description
This course covers growth and development from embryology to adulthood, including skeletal changes, nutrition, craniofacial development, and psychosocial and cognitive development. Students learn treatment planning for pediatric dentistry and orthodontics, guided by biological milestones to determine optimal timing for interventions. Emphasis is placed on timelines and developmental influences on care.

Antirequisite(s): The former Dentistry 5223.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 24 total hours.
Course Weight: 1.00

DENTISTRY 5131
DENTAL ANATOMY

Course Description
This course teaches dental anatomy, terminology, and tooth morphology essential for diagnosis and treatment across dental disciplines. Students study the permanent dentition, root and pulpal morphology, and tooth positioning in the arches. Emphasis is placed on anatomical relationships, functional contours, and basic restorative dental concepts, enhanced through practical exercises.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 53.5 total hours.
Course Weight: 1.00

DENTISTRY 5140
ORAL HISTOLOGY

Course Description
Introduction to the composition, function and development of the various tissues and structures of the oral cavity and related structures. This course will prepare students to become competent in understanding the normal histological structures and functions of the oral cavity and interpretation of histological tissues.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 27 total hours.
Course Weight: 1.00

DENTISTRY 5144
BIOMATERIALS

Course Description
This course provides first year dentistry students with foundational knowledge associated with dental materials science. The goal of the course is to enable students to understand biomaterial concepts presented in other clinical courses such as Operative Dentistry, Clinical Procedures I, and Prosthodontics.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 17 total hours.
Course Weight: 1.00

DENTISTRY 5160
SYSTEMIC ANATOMY

Course Description
This course offers an overview of major body systems through integrated anatomy and histology lectures and experiential laboratories. Accompanying lectures, students explore anatomical structures using prosected (pre-dissected) specimens, electronic models, and clinical discussions. Lessons focus on spatial relationships, orientation, and function, preparing students to apply systemic anatomy in clinical courses.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 22 total hours.
Course Weight: 1.00

DENTISTRY 5161
HUMAN PHYSIOLOGY

Course Description
Using a systems-based approach, the focus of this course will be on the normal function of various organs and organ systems, and how they contribute to homeostasis. Common pathophysiological processes and diseases that dental clinicians will encounter in their practice will also be emphasized.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 31 total hours.
Course Weight: 1.00

DENTISTRY 5162
PATHOLOGY

Course Description
This course teaches disease mechanisms with emphasis on systemic pathology relevant to dental care. Students study cellular injury, inflammation, neoplasia, and organ-specific conditions. Clinical correlations highlight oral implications, diagnostic reasoning, and pathology terminology. The course prepares students for safe treatment of medically complex patients and supports clinical decision-making.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 31 total hours.
Course Weight: 1.00

DENTISTRY 5165
MEDICINE

Course Description
Dentistry 5165 introduces general medicine in dentistry, focusing on medical condition management. Integrated with anatomy, pathology, pharmacology, and physiology, it uses systems and case-based learning. The course includes 40 hours of lectures, emphasizing clinical relevance and preparing students to apply medical knowledge in dental practice and patient care.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program or Advanced Standing Program for International Dental Graduates.

Extra Information: Hybrid (online asynchronous and in-person). 36 total hours.
Course Weight: 1.00

DENTISTRY 5170
ORAL DISEASES I

Course Description
An integrated course covering common diseases of teeth, periodontal and periapical tissues; specifically, caries, gingivitis, periodontitis, pulp disease, periapical inflammation, regressive dental conditions, and dental anomalies.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 22.5 total hours.
Course Weight: 1.00

DENTISTRY 5185
CORE BIOLOGY

Course Description
The Core Biology course is a series of modules introducing the dental student to fundamental concepts related to the structure and function of the oral cavity.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 38 total hours.
Course Weight: 1.00

DENTISTRY 5186
HEAD AND NECK ANATOMY

Course Description
A comprehensive gross anatomy course designed for students to learn anatomical structure, function, and spatial relationships specifically of the neurocranium, viscerocranium, and neck using prosected specimens, electronic models, and clinical examples. Weekly lectures and accompanying laboratories support practical understanding essential for clinical application in dentistry and related health sciences.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 44 total hours.
Course Weight: 1.00

DENTISTRY 5187
PATIENT ASSESSMENT I

Course Description
This course will provide the students with the ability to assess patients and develop a systematic diagnostic approach towards diagnosis and management. This course has didactic and clinical components. This course expands into second and third year.

Prerequisite(s): Registration in Year 1 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 47 total hours.
Course Weight: 1.00

DENTISTRY 5221
DIAGNOSIS & TREATMENT PLANNING

Course Description
The goal of the Diagnosis and Treatment Planning is to present the concepts and fundamentals of formulating diagnoses, and prognoses as well as developing a generalized approach to treatment planning.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 61.5 total hours.
Course Weight: 1.00

DENTISTRY 5222
FIXED PROSTHODONTICS

Course Description
Utilizing patient simulation, the art and science of Fixed Prosthodontics will be introduced with emphasis on the fundamental principles and techniques required to rehabilitate oral function and form with single unit fixed prostheses, followed by the multiple-unit fixed prostheses and implant supported fixed prosthodontics restorations.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 127.25 total hours.
Course Weight: 1.00

DENTISTRY 5226
REMOVABLE PROSTHODONTICS – COMPLETE

(Short Title: Removeable Prosth – Complete)

Course Description
This preclinical course introduces complete removable prosthodontics, emphasizing denture fabrication for edentulous patients. Students practice impression making, jaw relations, teeth arrangement, and waxing. Clinical simulations and implant-supported overdenture exercises strengthen understanding of anatomy, biomechanics, and treatment planning, providing essential foundations for future clinical Prosthodontic practice.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 78.5 total hours.
Course Weight: 1.00

DENTISTRY 5227
REMOVABLE PROSTHODONTICS – PARTIAL

(Short Title: Removable Prosth – Partial)

Course Description
The didactic portion presents the principles for treatment of partially edentulous patients with primarily cast removable partial dentures. The procedures and techniques founded on the basic principles make up the laboratory exposure: surveying, designing cast RPDs, completing laboratory prescriptions, drawing designs, and practicing mouth preparations. Learning through self-evaluation is emphasized.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 57.5 total hours.
Course Weight: 1.00

DENTISTRY 5228
ENDODONTICS

Course Description
This course introduces endodontic principles, focusing on pulpal disease biology and root canal treatment. Students learn clinical techniques for molars, emergency management, anesthesia, intracanal medications, and temporary restorations. Emphasis is placed on healing and maintaining periradicular tissue health, with integration of endodontics and operative dentistry for comprehensive care.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 112.5 total hours.
Course Weight: 1.00

DENTISTRY 5232
PATIENT ASSESSMENT II

Course Description
This course teaches radiologic interpretation of bitewing, periapical, occlusal, and panoramic images. Students practice diagnosing hard tissue and osseous abnormalities through real-world cases. Topics include pediatric imaging, radiologic prescriptions, and cone beam CT. Emphasis is placed on writing clear radiologic reports and understanding clinical relevance in dental diagnostics.

Prerequisite(s): Dentistry 5187 and registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 17 total hours.
Course Weight: 1.00

DENTISTRY 5235
ORAL DISEASES II

Course Description
Oral Diseases II integrates oral pathology, medicine, and radiology, focusing on diseases of the head and neck, especially the oral and maxillofacial region. It builds on Oral Diseases I and precedes Oral Diseases in third year, providing essential diagnostic knowledge for clinical practice across multiple dental disciplines.

Prerequisite(s): Dentistry 5170 and registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 37 total hours.
Course Weight: 1.00

DENTISTRY 5248
ANESTHESIA

Course Description
This course introduces pain control using local anesthetics, a core skill in dental practice. Students learn physical, chemical, and psychological methods to manage patient pain pre-, intra-, and post-operatively. Emphasis is placed on safe, effective administration, preparing students to become proficient in local anesthesia by graduation.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 20 total hours. Course Weight: 1.00

DENTISTRY 5255
PRACTICE ADMINISTRATION

Course Description
This course emphasizes ethics, communication, collaboration, and public health in dental practice. Students explore laws, policies, and standards to promote safe, compliant care. Interprofessional workshops with Fanshawe College and Schulich enhance teamwork and understanding of dentistry's role in individual and population health through real-world, patient-centered learning experiences.

Prerequisite(s): Registration in Year 2 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 27 total hours. Course Weight: 1.00

DENTISTRY 5321
DIAGNOSIS & TREATMENT PLANNING

Course Description
This course provides dental students the knowledge and skills for diagnoses and treatment planning of patients through information gathering, examinations and effective communication. Lectures, videos, supplied readings, clinical cases and reciprocal teaching will be utilized to illustrate the pathway for predictable and successful patient-centered care.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 23 total hours. Course Weight: 1.00

DENTISTRY 5331
PATIENT MANAGEMENT

Course Description
This course provides dental students with the required knowledge and skills for the management of patients, using an understanding of various patient factors and influences, including social determinants of health, patient-centered care, cultural sensitivity and mental health, using lectures, videos, supplied readings and reciprocal teaching of clinical cases.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 10 total hours.
Course Weight: 1.00

DENTISTRY 5332
PATIENT ASSESSMENT

Course Description
This course trains students to identify clinical and radiographic abnormalities, develop diagnostic approaches, and manage soft and hard tissue lesions. Using case-based learning and peer collaboration, students analyze real-world scenarios, apply evidence-based decision-making, and enhance diagnostic skills through discussions, readings, and practical assignments focused on clinical relevance.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 26 total hours.
Course Weight: 1.00

DENTISTRY 5368
DENTO-FACIAL TRAUMA

Course Description
This course includes videos and slides in the management of maxillofacial and dental trauma. It is intended to expose students to the terminology, instruments and techniques of clinical maxillofacial traumatology before actual clinical experience on patients.

Prerequisite(s): Registration in Year 3 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 10 total hours.
Course Weight: 1.00

DENTISTRY 5401
YEAR 4 CLINICAL ORAL HEALTH

Course Description
This elective offers hands-on clinical dentistry and/or research settings affiliated or patterned with Schulich Dentistry, where students provide dental care under licensed dentist supervision in local or global health community settings. It also fosters individual growth through experience in the context of evolving oral health needs of diverse patient populations.

Prerequisite(s): Completion of Year 3 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 185 total hours.
Course Weight: 1.00

DENTISTRY 5445
ORAL MEDICINE

Course Description
This course explores complex dental health conditions through four modules, emphasizing management strategies across diverse patient populations. Topics include oro-facial pain, temporomandibular disorders, oncology care, forensic dentistry, and evidence-based oral medicine. Case-based learning and critical appraisal are integrated into post-module assessments to enhance clinical decision-making.

Prerequisite(s): Registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 18 total hours.
Course Weight: 1.00

DENTISTRY 5446
ORAL RADIOLOGY

Course Description
These Case-based lectures develop practical skills in interpreting dental radiographs. Students analyze inflammatory, benign, and malignant conditions using a systematic, algorithmic approach to form differential diagnoses. The course emphasizes clinical reasoning, diagnostic accuracy, and integration of radiologic findings into patient care.

Prerequisite(s): Registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 12 total hours.
Course Weight: 1.00

DENTISTRY 5455
PRACTICE ADMINISTRATION

Course Description
This course prepares students for dental practice by exploring administration, management, ethics, leadership, and wellness. Topics include regulatory issues, oral health policies, finance, insurance, communication, and career development. Emphasis is placed on transitioning from student to licensed dentist through understanding professional complexities and responsibilities.

Prerequisite(s): Registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: Hybrid (online asynchronous and in-person). 15 total hours.
Course Weight: 1.00

DENTISTRY 5462
ORTHODONTICS & PAEDIATRIC DENTISTRY

(Short Title: Orthod & Paediatric Dentistry)

Course Description
This course in Orthodontics and Paediatric Dentistry builds on prior knowledge and clinical skills. Students are expected to recall past coursework and integrate relevant concepts from other disciplines, such as Oral Surgery, Radiology, and Pathology, to support comprehensive understanding and clinical application.

Prerequisite(s): Registration in Year 4 of the Doctor of Dental Surgery Program.

Extra Information: In-person. 8.0 total hours.
Course Weight: 1.00