

# Undergraduate Programs

The following section lists the specific course requirements for entry into the second (or higher) year of 3-year degrees, 4-year degrees, 4-year honors degrees, and professional programs. General admission and progression requirements are in the Academic Information section. The admission requirements for first year that are listed in this section are the requirements for students who present the OSSD or its equivalent.

## FACULTY OF ARTS AND HUMANITIES

Established 1878 ▶ University College 112 ▶ 519-850-2404 ▶ Website: [www.uwo.ca/arts](http://www.uwo.ca/arts)

Acting Dean: M. Milde  
Associate Dean, Academic: J. Hatch  
Associate Dean, Research: R. Poole

Studying the Arts and Humanities offers you an intellectually, culturally and personally enriching education that will also prepare you for a rewarding career. An Arts and Humanities degree allows you to investigate the core elements of our humanity, through the study of great literature, ancient and modern languages, visual arts, linguistics and philosophy. Explore the world of ideas (your own included), learn from the great thinkers and creators of the past and present, and expand your horizons.

### Academic Counselling

B. Barratt, Senior Academic Counsellor  
B. Hakala, Academic Counsellor  
University College Room 112G  
Hours: 9:30-12:00 noon, 1:00 - 4:00 pm (M-F)  
Telephone: 519-661-3043 Fax: 519-850-2376  
Drop-ins welcome; Appointments available.

### Admission Requirements

#### Required

- ▶ Six Grade 12U or M level courses including Grade 12U English (ENG4U)

#### Visual Arts - Honors BFA, HSP Studio Arts

- ▶ Six Grade 12U or M level courses including Grade 12U English (ENG4U)
- ▶ Portfolio

*Note: Please see information in the "Visual Arts" section regarding alternate entrance requirements to Honors BFA for students who are not admitted to VAS 1025 and who take VAS 1020 instead.*

### Three-Year, Four-Year & Honors Degrees

General admission and progression requirements for degrees are listed in the Academic Information section.

### Degrees, Diplomas and Certificates Offered

- ▶ Honors Bachelor Degree (4-year); Bachelor Degree (4-year); Bachelor Degree (3-year)
- ▶ Honors Bachelor of Fine Arts (BFA): 4-year
- ▶ Certificate in Ethics
- ▶ Diploma in Ethics
- ▶ Certificat de français des affaires
- ▶ Diplôme de français des affaires
- ▶ Certificat de français pratique
- ▶ Diplôme de français pratique
- ▶ Certificate in Practical German
- ▶ Certificate in Practical Italian
- ▶ Certificate in Practical Spanish
- ▶ Certificate in Theatre Arts
- ▶ Certificate in Writing
- ▶ Diploma in Writing
- ▶ Certificate in Professional Communication
- ▶ Diploma in Professional Communication
- ▶ Diploma in Arts Management
- ▶ Diploma in Public Relations

### Graduate Programs

- ▶ Master of Arts (MA)
- ▶ Master of Fine Arts (MFA)
- ▶ Doctor of Philosophy (PhD)

## CLASSICAL STUDIES

[www.uwo.ca/classics](http://www.uwo.ca/classics) ▶ Lawson Hall 3205 ▶ 519-661-3045

Classical Studies is an exploration of the ancient Mediterranean civilizations of Greece and Rome. Since the Greek and Roman worlds are the foundation of modern society, Classical Studies is not simply a study of the past. Contemporary debates for example about justice, freedom, human rights and the position of women in society are all rooted in antiquity. By examining the ancient world, we can address the fundamental question of who we are today and why. We take an interdisciplinary approach, embracing ancient language, history, literature, philosophy, material culture, and archaeology. Our program comprises two kinds of courses; some consider major aspects of the ancient world (literature, history, archaeology) through translations of the ancient written sources and archaeological evidence. Others focus on a reading of Ancient Greek and Latin texts in the original languages. The interdisciplinary nature of Classical Studies makes it an ideal combination for a Double Major with other fields both in the Faculty of Arts & Humanities and other faculties.

MODULE	PREREQUISITE COURSES
Honors Specialization in Classical Studies	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Classical Studies 1000 and Greek 1000 or Latin 1000 (or the former Greek or Latin 002) plus 1.0 additional course, with no mark in these principal courses below 60%.
Major in Classical Studies	Classical Studies 1000 with a mark of at least 60%.

MODULE	PREREQUISITE COURSES
Specialization in Classical Studies	Classical Studies 1000 with a mark of at least 60%.
Minor in Classical Studies	Classical Studies 1000 is recommended.
Minor in Greek	Greek 1000 with a mark of at least 60%.
Minor in Latin	Latin 1000 with a mark of at least 60%.
Minor in Greek and Latin	Greek 1000 and Latin 1000 with a mark of at least 60%.
Minor in Greek and Latin Literature	Classical Studies 1000 is recommended.
Minor in Greek and Roman Archaeology	Classical Studies 1000 is recommended.

## ENGLISH

[www.uwo.ca/english](http://www.uwo.ca/english) ▶ University College 173 ▶ 519-661-3403

In English you can discover just why the classics have stood the test of time, taking courses that range from Shakespeare to Michael Ondaatje. Or you can pursue your passion for popular culture, with classes in Fantasy, Science Fiction, Detective Fiction, and Children's Literature. But English is more than the study of great books. We offer many opportunities to hone your creative and dramatic skills in our Creative Writing workshops, Annual Fall Stage Production, and courses at the Stratford Shakespeare Festival. The study of English provides students with a valuable knowledge of language, literature, and culture; highly-developed communication skills, both oral and written; and training in archival and digital research, creative problem solving, critical analysis, and persuasive argumentation.

### Course Information

The English Department website ([www.uwo.ca/english](http://www.uwo.ca/english)) provides reading lists and assignments for all courses offered in the current academic year, as well as detailed information about our modules, faculty, career options, and writing resources. Students are required to pass both term work and the final examination in order to receive credit for any English course.

MODULE	PREREQUISITE COURSES
Honors Specialization in English Language and Literature	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from English 1020E or 1022E or 1024E or 1035E or 1036E or both of English 1027F/G and 1028F/G plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in English Language and Literature	Completion of first-year requirements, including 1.0 from English 1020E or 1022E or 1024E or 1035E or 1036E or both of English 1027F/G and 1028F/G with a mark of at least 60%. Students will be eligible for an Honors BA with double major if they obtain 70% average in the courses of each major module with no mark less than 60% in each course. No failures on options.
Specialization in English Language and Literature	Completion of first-year requirements, including 1.0 from English 1020E or 1022E or 1024E or 1035E or 1036E or both of English 1027F/G and 1028F/G with a mark of at least 60%. Students should consult with the Department prior to admission.
Minor in English Language and Literature Minor in General English Minor in English for Teachers Minor in Popular Literature and Cultural Studies Minor in Dramatic Literature	Completion of first-year requirements, including 1.0 from English 1020E or 1022E or 1024E or 1035E or 1036E or both of English 1027F/G and 1028F/G with a mark of at least 60%. Students should consult with the Department prior to admission.

*Certificate in Theatre Arts: For details visit the Western Academic Calendar at [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca), 'Certificates and Diplomas.'*

## FILM STUDIES

[www.uwo.ca/film](http://www.uwo.ca/film) ▶ University College 80 ▶ 519-661-3307

Critically engage in the art of cinema and explore the global and historical conditions that have made cinema one of the most influential forms of visual culture. Develop strong skills in critical thinking shaped by contemporary interdisciplinary scholarship. All of our film programs offer the opportunity to study a wide range of contemporary and classic films. Narrative, documentary, experimental film and video are examined within historical, theoretical, and critical streams, with specific emphasis on the study of national cinemas. Attention to modes of film production, distribution, exhibition, and reception, places the study of cinema in larger social and political contexts.

MODULE	PREREQUISITE COURSES
Honors Specialization in Film Studies	Completion of first-year requirements with no failures. Film 1020E plus 2.0 additional principal courses, with an overall minimum average of 70% and no mark less than 60% in each.
Major in Film Studies	Film 1020E with a mark of at least 60%.
Specialization in Film Studies	Film 1020E with a mark of at least 60%.
Minor in Film Studies Minor in General Cinema Studies Minor in National Cinemas	Film 1020E with a mark of at least 60%.

Mastery of French is an asset for any career in Canada. In the Department of French Studies, students can work toward an advanced level of spoken and written proficiency in the language. Study of the language is also greatly enriched by our courses in literature, literary theory, culture and civilization, linguistics and translation. Language courses include work in a state-of-the-art multimedia facility. Western's five-week French immersion program in Trois-Pistoles, Quebec, is the most recognized program of its kind in Canada. Students also have the opportunity to spend their third year in Quebec City at the Université Laval, or in France at the Université de Nice or the Université de Tours. Students with a Grade 12 French (or equivalent) should enroll in French 1900E or French 1910, whereas those with a Grade 11 French (or equivalent) should enroll in French 1010. Otherwise, students will need to take a French Placement test before enrolling. Please consult the Department of French Studies website for more information. ([www.uwo.ca/french](http://www.uwo.ca/french))

MODULE	PREREQUISITE COURSES
Honors Specialization in French Language and Literature Honors Specialization in French Linguistics and Literature Honors Specialization in French Language and Linguistics	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including French 1900E or 1910 plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in French Studies Major in French Language and Literature Major in French Language and Linguistics	Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60%.
Specialization in French Studies	Completion of first year requirements, including French 1900E or 1910 with a mark of at least 60%, or permission of the Department.
Minor in French Studies Minor in Francophone Studies Minor in French Language and Literature Minor in French Language and Linguistics Minor in French Language and Translation	Completion of first year requirements, including French 1900E or 1910 with a mark of at least 60%, or permission of the Department.

*Certificate and Diploma in Business French / Certificate and Diploma in Practical French: For details visit the Western Academic Calendar at [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca), 'Faculties,' 'Certificates and Diplomas.'*

# MODERN LANGUAGES AND LITERATURES

Our instructors are fluent in many languages and study a multitude of cultures. You can take courses in: Spanish, German, Hindi, Italian, Russian, Japanese, Arabic, Korean, and Portuguese. You can also pursue degrees in Comparative Literature & Culture; Spanish; German; Italian, and Gender, Sexuality & Culture. No prior language training necessary. Begin at your own level and receive individual attention in small classes. You can also study abroad in Spain, Italy, Latin America and Germany.

MODULE	PREREQUISITE COURSES
Honors Specialization in Comparative Literature and Culture	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Comparative Literature and Culture (CLC) 1020 plus 2.0 additional courses, with no mark in these principal courses below 60%. A non-English language is recommended.
Major in Comparative Literature and Culture	CLC 1020 with a mark of at least 60%. French 1900E or 1910 or another non-English language at the 2200 level is recommended.
Specialization in Comparative Literature and Culture	CLC 1020 with a mark of at least 60%.
Minor in Comparative Literature and Culture	CLC 1020 or 1021E with a mark of at least 60%, or permission of the Department.
Major in Sexuality Studies	Completion of first-year requirements including one of Women's Studies 1020E or Comparative Literature and Culture 1023 with a mark of at least 60% or permission of the Department of Women's Studies and Feminist Research in consultation with module partners: Modern Languages and Literatures, Classical Studies, English, Film Studies, Philosophy and Visual Arts.
Minor in Gender, Sexuality and Culture	CLC 1023 or Women's Studies 1020E with a mark of at least 60%, or permission of either Department. (Offered jointly with Women's Studies)
Honors Specialization in German Language and Literature	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses including German 1030, 1030W/X; plus 2.0 additional courses, with no mark less than 60% in these principal courses.
Major in German Language and Literature	German 1030, 1301W/X with a mark of at least 60%.
Specialization in German Language and Literature	German 1030, 1301W/X with a mark of at least 60%.
Minor in German	German 1030 or 1030W/X with a mark of at least 60%, or permission of the Department.
Minor in Italian Studies	Italian 1030 or 1030W/X with a mark of at least 60%.
Minor in Mediterranean Studies	Completion of first year requirements. Comparative Literature and Culture 1020 is recommended. A first year language course is recommended.

## Modern Languages and Literatures *continued*

MODULE	PREREQUISITE COURSES
Honors Specialization in Spanish Language and Literature	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from Spanish 1030 or 1030W/X, plus 2.0 additional courses with a minimum overall average of 70%, and no mark in these principal courses below 60%. CLC 1020 is recommended.
Major in Spanish Language and Linguistics	Spanish 1030 or 1030W/X, with a mark of at least 60%.
Major in Spanish Language and Literature	Spanish 1030 or 1030W/X, with a mark of at least 60%. CLC 1020 is recommended.
Specialization in Spanish Language and Literature	Spanish 1030 or 1030W/X, with a mark of at least 60%.
Minor in Spanish Language and Linguistics Minor in Spanish Studies	Spanish 1030 or 1030W/X with a mark of at least 60%, or permission of the Department.
<i>Certificate in Practical German, Italian or Spanish offered: For details visit the Western Academic Calendar at <a href="http://www.westerncalendar.uwo.ca">www.westerncalendar.uwo.ca</a>, 'Faculties', 'Certificates and Diplomas'.</i>	

- NOTES:**
- Eligibility for German 2200, Italian 2250, Russian 2200 and Spanish 2200 - If you have successfully completed Grade 12U in these languages, you will normally be eligible to take the 2000-level course in Year 1.
  - 'W' and 'X' language courses are full year accelerated courses offered in one term only. Permission of the Department of Modern Languages and Literatures is required for these courses.
  - Eligibility for German 2200W/X, Italian 2250W/X and Spanish 2200W/X - Consult the Department of Modern Languages and Literatures to request possible special permission.

## PHILOSOPHY

[www.uwo.ca/philosophy](http://www.uwo.ca/philosophy) ▶ Stevenson Hall 3148 ▶ 519-661-3453

Philosophy is the study of the most basic questions that we ask, such as: What is knowledge? Are there objective moral truths? Does God exist? and, How ought I to live? Sorting through the possible answers requires skills of analysis that the study of philosophy helps to develop. These skills are portable and will help you whatever you choose to do, academically and professionally.

MODULE	PREREQUISITE COURSES
Honors Specialization in Philosophy	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%. 1.0 course from: Philosophy 1020, 1022E, 1100E, 1200 is recommended.
Major in Philosophy	Completion of first-year requirements. 1.0 course from Philosophy 1020, 1022E, 1100E, 1130F/G, 1200, 1305F/G is recommended.
Specialization in Philosophy	Completion of first-year requirements. 1.0 course from Philosophy 1020, 1022E, 1100E, 1130F/G, 1200, 1305F/G is recommended.
Minor in Philosophy Minor in Philosophy of Science Minor in Ethics	Completion of first year requirements.
<i>Certificate in Ethics / Diploma in Ethics: For details visit the Academic Calendar at <a href="http://www.westerncalendar.uwo.ca">www.westerncalendar.uwo.ca</a>, 'Faculties', 'Certificates and Diplomas'.</i>	

## VISUAL ARTS

[www.uwo.ca/visarts](http://www.uwo.ca/visarts) ▶ John Labatt Visual Arts Centre ▶ 519-661-3440

Western combines the study of art history and theory with lively, contemporary art production. What sets Western apart is our commitment to integrating art theory with studio work from the very beginning of your studies. Our goal is to graduate visually literate students with the technical and intellectual ability to create new forms of visual culture. In our programs you can focus primarily on either art production or history, or combine the two. We also offer a curatorial stream of courses that focus on the skills and knowledge needed to work as a gallery or museum curator or arts administrator.

MODULE	PREREQUISITE COURSES
Honors Specialization in Visual Arts	Visual Arts Studio 1020 or Visual Arts Studio 1025 and Visual Arts History 1040 plus 1.0 additional course with a minimum overall average of 70% in 3.0 principal courses, and no mark less than 60% in each of these principal courses. Successful completion of remaining year 1 courses.
Honors Specialization in Art History and Criticism	Visual Arts History 1040 plus 2.0 additional courses with a minimum overall average of 70% and no mark less than 60% in each of these principal courses. Successful completion of remaining year 1 courses. A non-English first year university-level language is required for graduation. 1.0 course in French 1900E or 1910 or another non-English language at the 2000-level.

## Visual Arts *continued*

MODULE	PREREQUISITE COURSES
Bachelor of Fine Arts, Honors Specialization in Studio Arts	Students must have an average of at least 70% in 3.0 principal courses including: (a) VAS 1025 or VAS 1020, (b) VAH 1040, and (c) 1.0 additional course. Furthermore, there may be no mark less than 70% in either VAS 1025 or VAS 1020 and no mark less than 60% in VAH 1040 and 1.0 additional course. Successful completion of remaining first year courses is required. Students seeking admission to VAS 1025 must submit a portfolio for initial assessment. Students admitted to VAS 1020 must submit a portfolio of work for approval upon successful completion of the course (minimum 70%) for BFA admittance.
Major in Art History	Visual Arts History 1040 with a mark of at least 60%.
Major in Museum and Curatorial Studies	Visual Arts History 1040 and 1.0 course from: Visual Arts Studio 1020 or Visual Arts Studio 1025, with a mark of at least 60% in each course.
Major in Visual Arts	Visual Arts Studio 1020 or Visual Arts Studio 1025 and Visual Arts History 1040, with a mark of at least 60% in each course, or permission of the Department.
Specialization in Visual Arts	Visual Arts Studio 1020 or Visual Arts Studio 1025 and Visual Arts History 1040 with a mark of at least 60% in each course, or permission of the Department. Students should consult with the Department prior to admission.
Minor in Visual Arts Minor in Museum and Curatorial Studies	Visual Arts Studio 1020 or Visual Arts Studio 1025 and Visual Arts History 1040, with a mark of at least 60% in each course, or permission of the Department.
Minor in Art History and Criticism	Visual Arts History 1040 with a mark of at least 60%, or permission of the Department.

## WOMEN'S STUDIES AND FEMINIST RESEARCH

[www.uwo.ca/womens](http://www.uwo.ca/womens) ▶ Lawson Hall 3260 ▶ 519-661-3759

See description in Inter-Faculty Departments/Modules on page 23.

MODULE	PREREQUISITE COURSES
Honors Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Major in Sexuality Studies	See Inter-Faculty Departments/Modules on page 23.
Major in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Minor in Feminist Theory	See Inter-Faculty Departments/Modules on page 23.
Minor in Gender, Sexuality and Culture	See Inter-Faculty Departments/Modules on page 23.
Minor in Women's Studies	See Inter-Faculty Departments/Modules on page 23.

## WRITING, RHETORIC, AND PROFESSIONAL COMMUNICATION

[www.uwo.ca/writing](http://www.uwo.ca/writing) ▶ Lawson Hall 3270 ▶ 519-850-2920

The Program in Writing, Rhetoric, and Professional Communication offers courses, Minors, Certificates, and Diplomas which will help hone your creative edge, develop your skill at writing business and technical documents, and enable you to speak well in public. Not only will you interact with published authors both as instructors and speakers, but also you may work on a number of publishing experiences in the community.

MODULE	PREREQUISITE COURSES
Minor in Creative Writing	1.0 of English 1020E, 1022E, 1024E or 1027F/G and 1028F/G or Film Studies 1020E, with a minimum mark of 60%.
Minor in Writing Studies	Completion of first-year requirements.
<i>Certificate in Writing, Certificate in Professional Communication, Diploma in Writing, Diploma in Professional Communication - visit the Academic Calendar at <a href="http://www.westerncalendar.uwo.ca">www.westerncalendar.uwo.ca</a>, 'Faculties', 'Certificates and Diplomas'.</i>	

Established 1954 ▶ Website: [www.eng.uwo.ca](http://www.eng.uwo.ca)

Spencer Engineering Building; Thompson Engineering Building;  
Claudette MacKay-Lassonde Pavilion

Dean: A. Hrymak, P. Eng.

Associate Dean (Academic): A. Bassi, P. Eng.

## Academic Counselling

Spencer Engineering Building 2097; 519-661-2130

9:00 am-12:00 noon by appointment, 2:00 pm- 4:00 P.M. drop in.

## Admission Requirements

### Required

Six Grade 12U or M level courses including:

- ▶ Grade 12U English (ENG4U)
- ▶ Grade 12U Chemistry (SCH4U)
- ▶ Grade 12U Physics (SPH4U)
- ▶ Grade 12U Advanced Functions (MHF4U)
- ▶ Grade 12U Calculus and Vectors (MCV4U)

and one additional 4U or 4M level course from any discipline for a total of six courses.

## Degree Offered

- ▶ Bachelor of Engineering Science (BESc): 4-year

## Combined Programs Available

- ▶ Engineering and Business
- ▶ Engineering and Medicine
- ▶ Engineering and Law
- ▶ Engineering with Major Modules from the Faculties of Science, Social Science or Art & Humanities
- ▶ See [www.eng.uwo.ca](http://www.eng.uwo.ca) for more information.

## Programs Available

- ▶ Chemical Engineering
- ▶ Civil Engineering
- ▶ Computer Engineering
- ▶ Electrical Engineering
- ▶ Green Process Engineering
- ▶ Integrated Engineering
- ▶ Mechanical Engineering
- ▶ Mechatronic Systems Engineering
- ▶ Software Engineering
- ▶ Technological Entrepreneurship Certificate Program
- ▶ WE Go Global Certificate Program

## Engineering Co-Op Programs

Engineering students may wish to partake in the Internship Program or the Summer Engineering Co-Op Program (SECOP) or both. Students enroll on-line in the fall of the year in which they wish to participate.

## Internship Program

Western's Internship Program allows qualified students the opportunity to pursue career-related positions in the private or public sector for 12 to 16 months after completion of their second last year in the Engineering Program. This Internship Program is available to students in all undergraduate programs in the Faculty. Upon graduation, the students will receive a transcript notation identifying their degree as Bachelor of

Engineering Science in XXX with Professional Internship. In addition to the practical experience and competitive salary gained through the internship, a maximum of 12 months of this employment may be used towards the four years experience required for licensing as a Professional Engineer in the Province of Ontario.

Any student who is completing the second last year of an Engineering program, has a 65% average, a solid academic background and has attended the Preparation and Training Workshops, may enroll in the Internship Program. Students interested in this program must apply on-line no later than the end of November in their second last year (usually third year). Please note that participation in this program will delay graduation by one year. A special tuition is charged to students in the Internship Program.

## Summer Engineering Co-Op

The Summer Engineering Co-Op Program (SECOP) assists undergraduate students to find career-related summer employment. This program complements the Internship Program and will allow students the opportunity to gain practical work experience during the summer months.

This optional program is available to all full-time undergraduate students in the Faculty of Engineering who enroll with Engineering Career Services and maintain a 65% average, have a solid academic record, have completed a Preparation and Training Workshop and are returning to Engineering full-time during the following academic year. Students interested in SECOP must apply on-line in the fall of the year in which they wish a summer placement. Students who accept a summer engineering co-op placement will receive a transcript notation (ES 1150, ES 2250, ES 3350, ES 4450 – depending on their year of registration) in the summer term in which they participate. A small administrative fee will be charged for the successful placement in a SECOP position.

For more information on Engineering Co-Op Programs – [www.eng.uwo.ca/coop](http://www.eng.uwo.ca/coop) or contact: Engineering Student Career Services, Room 2085, SEB; The University of Western Ontario, London, ON N6A 5B9; 519-661-4151 • [contactWE@eng.uwo.ca](mailto:contactWE@eng.uwo.ca)

## Engineering Excellence Admission Program

The Faculty will guarantee acceptance into any of its academic programs to all Western students satisfying the following conditions\*:

1. a) Ontario applicants must have a mid-year and final grade average of at least 85% on six grade 12U courses including: Advanced Functions, Physics, Chemistry, English, Calculus and Vectors, and the next highest Grade 12U or M-level mark.
- b) Out-of-Province Applicants must have a mid-year and final grade average of at least 85% according to the calculation done by Western's Admissions Office.
2. The student must successfully complete all requirements for the first year Engineering program with at least a "B" average (70%) on a full-course load.

\*Does not apply to combined programs

## First Year Program

Full-year courses: Applied Mathematics 1413, Eng Sci 1050 and a Non-Technical Elective. (Approved list on Engineering website)

Full-year half course: Eng Sci 1022A/B/Y.

Half-year courses: Applied Mathematics 1411A/B, Chemistry 1024A/B, Eng Sci 1021A/B, Eng Sci 1036A/B, Physics 1401A/B, Physics 1402A/B. (Three of the half courses are to be taken in each term as scheduled.)

## Chemical Engineering

Chemical engineering is a versatile discipline broadly based upon physical and life sciences. Today the world faces significant challenges due to increasing populations, air, water and soil pollution, and world-wide energy and food shortages. Chemical engineers are well positioned through their training to address and find solutions to these challenges. The Department of Chemical and Biochemical Engineering at Western is nationally and internationally celebrated for its strong academic program, well renowned award-winning professors and state-of-the-art teaching and research facilities. The Department of Chemical and Biochemical Engineering at Western offers two options for undergraduate students: (1) Chemical Engineering; (2) Biochemical and Environmental Engineering.

## Civil Engineering

Civil and environmental engineers use applied and cutting-edge science to design, build and maintain essential infrastructure such as: housing, airports, roads, bridges, hydro-electric dams, water supply and wastewater treatment systems. Civil engineers also mitigate natural disasters and solve problems that result from industrialization and resource consumption. The Department of Civil and Environmental Engineering at Western is renowned for its excellence, nationally and internationally, due to its outstanding academic curricula, award-winning professors and state-of-the-art facilities. The Department of Civil & Environmental Engineering at Western offers three options for undergraduate students: (1) Civil and Structural Engineering; (2) Civil and Environmental Engineering; (3) Civil Engineering and International Development.

## Computer Engineering

Computer engineering is the most rapidly evolving discipline in engineering, partially due to the application of computers themselves. Computer engineering deals with the design of hardware elements and building of computer systems of various levels of complexity. These systems may vary from high performance parallel supercomputers to special servers that operate computer networks, to micro devices that will operate the next generation of home appliances. The goal of computer engineering at Western is to provide students with a foundation of knowledge by integrating a variety of theoretical and practical experiences at every level throughout the curriculum.

## Electrical Engineering

Electrical engineering is a diverse, fast growing and vibrant field of engineering. It includes power generation, transmission and distribution, control and communication systems, electronics, robotics and many others. The profession is represented in virtually all sectors of modern industry. Advances in electrical engineering have transformed Canada into a leading high-tech economy in the world. Electrical engineers are involved in the process of creating, developing, integrating, sharing, and applying knowledge about electrical, computer and information technologies and sciences for the benefit of humanity. The Department of Electrical and Computer Engineering at Western offers four options for undergraduate students: (1) Electrical Engineering; (2) Power Systems; (3) Wireless Communication; (4) Biomedical Signals and Systems.

## Green Process Engineering

Engineering has always been a caring profession with a focus on design and innovation to respond to the pressing needs of society. Western's Green Process Engineering program is an emerging discipline that addresses environmentally friendly chemical products and processes by reducing pollutants at the source. It applies innovative process engineering tools to design sustainable and safe chemical processes based on alternative product design and improved process efficiencies by reducing waste generation. The program also explores alternative sources of energy with reduced carbon emissions. Western's Green Process Engineering program

is the first of its kind in Canada. The basic objective of the program is to combine and integrate the fundamental principles of chemical engineering to design commercial products and processes that are safe, economical and environmentally friendly. Some of the distinguishing features of the program include the emphasis on green chemistry, green power, solar and bio-fuel cells, and conversion of waste (such as agricultural byproducts) to bio-diesel and bio-ethanol products.

## Integrated Engineering

There is a strong need for broadly trained engineers with skills in interdisciplinary design. Integrated engineering incorporates fundamentals from several engineering disciplines rather than concentrating on one. The curriculum consists of core courses from civil, chemical, electrical and mechanical engineering. Western was the first engineering faculty in Canada to offer an Integrated Engineering Program. The program prepares graduates to succeed in a world where technology is increasingly interdisciplinary. The program emphasizes engineering design, and is one of very few engineering programs with design projects in every year. The program offers many concurrent degree programs for undergraduate students.

## Mechanical Engineering

Mechanical and materials engineering is one of the broadest engineering disciplines and its products are found everywhere. Mechanical engineers research, develop, design, manufacture, and test tools, engines, machines, robots and other mechanical devices and systems. The Department of Mechanical and Materials Engineering at Western focuses on a broadly based mechanical and materials engineering education that stresses fundamental engineering concepts, contemporary design practices, development of interpersonal skills and interaction with engineering practitioners. Opportunities are available for senior students to participate in real design and construction projects where they can work closely with faculty and industry partners to apply knowledge and leadership skills.

## Mechatronic Systems Engineering

Mechatronics is the combination of mechanical, electrical, computer, control, and systems design engineering to create useful products. The combination of these engineering principles helps generate simpler, more economical, reliable and versatile systems. Western Engineering is excited to launch its Mechatronic Systems Engineering program in September 2011. Our program will be unique in its multi-year design focus. Throughout the program, you will take core courses in electrical and computer engineering as well as core courses in mechanical and materials engineering. In addition to these core concepts, you will receive specialized instruction in mechatronic design principles through a three-year design curriculum, as well as specialized instruction in robotics and advanced sensing.

## Software Engineering

Software engineering is the application of engineering concepts, principles and practices to the development of software systems. It is a disciplined and rigorous approach for developing software systems that range from everyday applications to mission and safety critical applications that are dependable and cost-effective. Software engineering deals with building, maintenance, and the evolution of software systems. It emphasizes the applied aspects of software-based technologies, from idea to final product. Western's program offers a solid foundation in computer hardware and computer networks and explores the technology of computer science.

Graduates acquire the management skills necessary to lead a software team that can engineer software systems that meet specified requirements of industrial quality and professional standards. Teamwork and entrepreneurship are also emphasized in our Software Engineering program. Laboratories are equipped with the latest tools and products used by software engineers in industry.

Dean: J. Weese

Associate Dean (Programs): K. Wamsley

Associate Dean (Scholarship): J. Polgar

This Faculty comprises the Schools of Communication Sciences and Disorders, Occupational Therapy, Physical Therapy, Kinesiology, Nursing and Health Studies. Please refer to the individual program sections for more information.

## HEALTH STUDIES

[www.uwo.ca/fhs/health\\_studies](http://www.uwo.ca/fhs/health_studies) ▶ Health Sciences Building 222 ▶ 519-661-4119

Explore the many facets of health and wellness at all stages in the human life cycle. Students pursuing a Bachelor of Health Sciences in the School of Health Studies study the influences on the health and wellness of individuals.

Students who enroll in this program are exposed to alternative career paths in addition to traditional paths in professional programs. The School of Health Studies offers a variety of options and is especially attractive to students interested in a health field, whether in a professional capacity such as Physical or Occupational Therapy, Speech-Language Pathology, Audiology, Medicine or Law, health promotion or managerial roles. Field placements are available around the world – from Australia or Africa to your hometown.

With proper academic planning using the available Academic Counselling service, students can potentially add majors or minors with their core program of study in areas of interest that complement future career directions.

### Academic Counselling

519-661-4119

8:30 am-4:00 pm (Monday-Friday)

Room 222, Labatt Health Sciences Building;

Appointments and drop-in times available

### Admission Requirements

#### Required

- ▶ English Grade 12U (ENG4U)
- ▶ One of: Advanced Functions Grade 12U (MHF4U), Calculus and Vectors Grade 12U (MCV4U), Math of Data Management Grade 12U (MDM4U)
- ▶ Biology Grade 12U (SBI4U)

#### Recommended

- ▶ Chemistry Grade 12U (SCH4U)

*Note that enrollment in the program is limited and possession of the minimum requirements does not guarantee admission.*

### Three-Year, Four-Year, & Honors Degrees

General admission and progression are listed in the Academic Information section.

### Degrees and Diplomas Offered

- ▶ Bachelor of Health Sciences (BHSc): 3-year
- ▶ Bachelor of Health Sciences (BHSc): 4-year
- ▶ Bachelor of Health Sciences (BHSc): 4-year Honors
- ▶ Diploma in Clinical Trials Management
- ▶ Diploma in Occupational Health and Safety
- ▶ Certificate in Clinical Trials Management
- ▶ Combined Degree Programs: Combined programs are offered in Health Sciences and Honors Business Administration as well as in combination with professional programs such as Nursing, Foods & Nutrition and Engineering.

MODULE	PREREQUISITE COURSES
Honors Specialization in Community Rural Health Development	Completion of Health Sciences 1001A/B, Health Sciences 1002A/B, Sociology 1020 or 1021E, and Biology 1001A or 1201A and Biology 1002B or 1202B, with an average of at least 70% in each of the 3.0 courses, no principal course below 60% and no failures. (Combined module with Brescia University College)
Honors Specialization in Health Sciences* Honors Specialization in Health Sciences - Health Promotion*	Students must have an average of at least 70% in 2.0 principal courses, with no mark in these principal courses below 60%, including: Health Sciences 1001A/B; Health Sciences 1002A/B; Biology 1001A or 1201A and Biology 1002B or 1202B.
Honors Specialization in Health Sciences with Biology*	Students must have an average of at least 70% in 5.0 principal courses, with no mark in these principal courses below 60%, including: Health Sciences 1001A/B; Health Sciences 1002A/B; Biology 1001A or 1201A and Biology 1002B or 1202B; Chemistry 1100A/B and 1200B; 1.0 course from: Applied Mathematics 1201A/B, Calculus 1000A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1125A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B; If not completed in the first year, the mathematics requirement must be completed by the end of the second year.
Honors Specialization in Rehabilitation Sciences	Health Sciences 1001A/B with a minimum grade of 70%; Health Sciences 1002A/B with a minimum grade of 70%; Biology 1001A or 1201A and Biology 1002B or 1202B. 1.0 course from: Psychology 1000, Sociology 1020, 1021E, Anthropology 1025F/G, 1026F/G, 1027A/B. 1.0 course from: Physiology 1021, 2130 or equivalent; If not completed in first year, the Physiology requirement must be completed by the end of second year. Note: Enrollment is limited to 15 students.

MODULE	PREREQUISITE COURSES
Major in Rehabilitation Sciences	Health Sciences 1001A/B and 1002A/B, or Kinesiology 1080A/B and 1088A/B with a mark of at least 70%; Biology 1001A or 1201A and Biology 1002B or 1202B; 1.0 course from Psychology 1000, Sociology 1020, 1021E, Anthropology 1025F/G, 1026F/G, 1027A/B. 1.0 course from Physiology 1021, 2130 or equivalent; If not completed in first year, the Physiology requirement must be completed by the end of second year. Enrollment in Bachelor of Health Sciences or Kinesiology program.
Specialization in Health Sciences* Major in Health Sciences*	Health Sciences 1001A/B with a mark of at least 60%; Health Sciences 1002A/B with a mark of at least 60%; Biology 1001A or 1201A and Biology 1002B or 1202B.
Minor in Health Sciences	Health Sciences 1001A/B with a mark of at least 60%; Health Sciences 1002A/B with a mark of at least 60%.
Minor in Rehabilitation Sciences	Health Sciences 1001A/B and 1002A/B, or Kinesiology 1080A/B and 1088A/B, with a mark of at least 70%. 1.0 course from Physiology 1021, 2130 or equivalent. If not completed in first year, the Physiology requirement must be completed by the end of second year. Enrollment in Bachelor of Health Sciences or Kinesiology program. Enrollment is limited.
Combined Honors Bachelor of Health Sciences/Honors Business Administration	To be eligible for admission consideration for the combined program, students must complete all requirements for the first two years of the BSc program, obtain a minimum two-year (ten credit) average of 80%, and achieve a minimum 70% grade in Business Administration 2257.
Minor in Foods and Nutrition	Completion of first-year requirements in the Health Sciences or Kinesiology program with an average of 70% and no failures. Must have an average of 70% in 3.0 principal courses including: Foods and Nutrition 1021, with a mark of at least 70% and Chemistry 1100A/B and 1200B, with a mark of at least 60%. Enrollment is limited.

\*Students wishing to pursue a Health Sciences Honors Specialization, Specialization or Major must be enrolled in a Bachelor of Health Sciences degree program.

## KINESIOLOGY

[www.uwo.ca/fhs/kin](http://www.uwo.ca/fhs/kin) ▶ 3M Centre 2225 ▶ 519-661-3086

The synergy between an active mind and body is the soul of Western's School of Kinesiology, located within the Faculty of Health Sciences. The School of Kinesiology ensures a balanced approach to discovering and exploring the uniqueness of human movement through both bioscientific and social cultural inquiry. This includes studying the structures, mechanics and functions of body parts involved in postponed movement and the associated mental, emotional and cultural factors. Field placement and independent research is offered in upper years in areas such as sport management, coaching, sport injuries, and fitness.

Students are well positioned to pursue a broad spectrum of traditional careers in environments such as fitness, wellness/health exercise, sport, as well as professional and graduate degrees such as Physical Therapy, Occupational Therapy, Law, Medicine, Education, Chiropractic and much more.

### Academic Counselling

3M Centre 2225; 519-661-3086

### Admission to First Year

#### Required

Six Grade 12U or M-level courses including:

- ▶ Grade 12U English (ENG4U)
- ▶ Grade 12U Biology (SBI4U)

#### Recommended

- ▶ Students interested in the BSc program are encouraged to select one Grade 12U-level Math course. Advanced Functions (MHF4U) is strongly recommended and Grade 11U- or 12U-level Physics.

*Note: It is strongly recommended that students wishing to pursue the BSc in Honors Kinesiology and/or careers in medicine and dentistry should take Grade 12U Chemistry (SCH4U) as it is a pre-requisite for Western's first-year Chemistry course.*

### Degrees and Diplomas Offered

#### Honors Degrees

- ▶ Honors Specialization in Kinesiology - BSc
- ▶ Honors Specialization in Kinesiology - BA
- ▶ Honors Double Major - BA
- ▶ Honors Specialization in Kinesiology - Sports Management - BA\*
- ▶ Honors Specialization in Kinesiology - Fitness and Exercise Prescription-BA\*
- ▶ Honors Specialization in Kinesiology - Physical Education for Teaching-BA\*

\*Limited enrollment program

#### Bachelor Degrees

- ▶ Major in Kinesiology - BA 4 year
- ▶ Major in Kinesiology - BA 3 year

#### Additional Modules

- ▶ Rehabilitation Sciences (major and minor)
- ▶ Foods & Nutrition (minor) (offered through Brescia University College)

*Kinesiology Honors Specialization and Majors can be combined with Majors and/or Minors offered by other Faculties and Departments.*

#### Combined Degrees (two separate degrees)

- ▶ Bachelor of Arts Honors Kinesiology - Sport Management & Honors Bachelor of Business Administration (5 Years)
- ▶ Bachelor of Arts Honors Kinesiology & Juris Doctor (Law) (6 Years)

#### Diplomas

- ▶ Diploma in Podiatry (in collaboration with Continuing Studies at Western and the Podiatric Association of Canada)

### Graduate Degrees

Master of Arts (MA)

Master of Science (MSc)

Doctor of Philosophy (PhD)

## Undergraduate Program Information

Before entering second year, students will indicate the degree and module they wish to follow. Combinations such as double Major modules, Major with Minor modules, and Honors Specialization modules with Minor modules allow cross-programming to meet personal interest.

Appropriate first year course selection is imperative in preparation for second year. The Kinesiology program is a limited enrollment program. Students will have to achieve grades which exceed the minimum university requirements to progress from first to second year. Physical activity practicum sessions in second and third years are very rigorous. It is recommended that students arrange for a medical assessment to confirm their physical ability to participate in these courses. Students with health problems must contact the School of Kinesiology academic counsellor.

For administrative purposes, all first year Kinesiology students are considered BA students. Honors specializations and major modules commence in second year at Western.

### Honors Bachelor of Arts/ Bachelor of Arts

Students in the Bachelor of Arts program can select an Honors Specialization or Major module. The BA Honors Specialization or Major modules in Kinesiology focus on a broader orientation of kinesiology. A sample of kinesiology perspectives are covered from both BioScience and Sociocultural areas including studies in athletic injuries, psychology, fitness appraisal, sociology, biomechanics, philosophy, anatomy, history, exercise physiology, sport management, ergonomics and sport law.

### Honors Bachelor of Science

The Honors Specialization Bachelor of Science module in Kinesiology focuses more closely on the bioscientific orientation of exercise physiology, biomechanics, sport injuries, and anatomy components of the program. Students will also be required to select Faculty of Science elective courses which rely on high school science prerequisites and first year university science courses.

### Honors Bachelor of Arts - Sports Management

The curriculum of this specialization has been designed to incorporate sport management and complementary interdisciplinary courses including introduction to sport management, organizational behaviour, sport marketing, international sport marketing and field experience.

### Honors Bachelor of Arts - Fitness & Exercise Prescription

This module is designed for those students who wish to become more knowledgeable and competitive as exercise and fitness specialists. Course selections will allow students to focus on the socio-cultural and bioscience factors relating to understanding and prescribing exercise.

### Honors Bachelor of Arts - Physical Education for Teaching

This module is designed to better prepare students for the curriculum in Faculties of Education and their future professional teaching career. Course selections will allow students to generalize or focus on a particular skill domain (sports, games, exercise, dance) with some opportunity to focus on particular age groups. This flexibility will allow students to be better prepared to work with groups at varying levels (primary, junior, intermediate and senior).

MODULE	PREREQUISITE COURSES
Honors Specialization in Kinesiology - BSc	Completion of first year requirements with no course grade less than 60% on a full course load. Students must have an average of at least 70% in the 5.0 course load and 70% in 4.0 principal courses, with no mark in these principal courses below 60%, including: Kinesiology 1080A/B and 1088A/B; Physiology 1021; and 2.0 courses from Biology 1001A or 1201A and Biology 1002B or 1202B; Chemistry 1100A/B and 1200B; Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Applied Mathematics 1201A/B, Mathematics 1120A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B; Physics 1028A/B or 1301A/B or 1501A/B and 1029A/B or 1302A/B or 1502A/B, Computer Science 1025A/B or 1026A/B and 1027A/B.
Honors Specialization in Kinesiology - BA Major in Kinesiology - BA	Completion of first year requirements with no course grade less than 60% on a full course load. Students must have an average of at least 70% in the 5.0 course load and 70% in 3.0 principal courses, with no mark in these principal courses below 60%, including: Kinesiology 1080A/B and 1088A/B, Physiology 1021 plus 1.0 additional course.
Honors Specialization in Kinesiology - Sport Management BA	Completion of first-year requirements with no course grade less than 60% on a full course load. Students must have an average of at least 70% in 5.0 course load and 70% in 4.0 principal courses, with no mark in these principal courses below 60%, including: Kinesiology 1080A/B and 1088A/B, Physiology 1021, Business Administration 1220E and one of Sociology 1020 or 1021E. Enrollment in this module is limited.
Honors Specialization in Kinesiology - BA Fitness and Exercise Prescription Honors Specialization in Kinesiology - BA Physical Education for Teaching	Completion of first-year requirements with no course grade less than 60% on a full course load. Students must have an average of at least 75% in the 5.0 course load and 75% in 3.0 principal courses, including Kinesiology 1080A/B, Kinesiology 1088A/B, Physiology 1021, plus 1.0 additional course.
Combined BA Program in Honors Specialization In Kinesiology (Sport Management) and Honors Business Administration (Ivey)	Applicants must be designated Faculty of Health Sciences, School of Kinesiology main campus students. Kinesiology 1080A/B, 1088A/B, Physiology 1021. 3.0 courses numbered 1000-1999 from other Western Faculties/programs (Business Administration 1220E is recommended). To be eligible for admission consideration for the combined program, students must complete all requirements for the first two years of the BA Honors Specialization in Kinesiology, obtain a minimum two-year (ten credit) average of 80% and achieve a minimum 70% grade in Business Administration 2257. Demonstrated participation in extra curricular and/or community activities, leadership and work experience are also required. In addition, students must complete the HBA1 year with a weighted rounded average of 78%. Enrollment in this module is limited.
Combined BA in Honors Specialization Kinesiology and Juris Doctor (Law)	Complete first year in the School of Kinesiology with an overall first year average of at least 80%, with no grade lower than 60% on a 5.0 course load; Kinesiology 1080A/B and 1088A/B must average to 80%. Physiology 1021 is mandatory in first year. Complete second year and third year of the Kinesiology BA Honors Specialization program with a minimum average of 80% in each year; and achieve a competitive LSAT score as determined by the Faculty of Law.

## Kinesiology *continued*

MODULE	PREREQUISITE COURSES
Major in Rehabilitation Sciences	Kinesiology 1080A/B and 1088A/B or Health Sciences 1001A/B and 1002A/B with a minimum mark of 70%; Biology 1001A or 1201A and Biology 1002B or 1202B; 1.0 course from Anthropology 1020E, 1026F/G, 1027A/B, Psychology 1000, Sociology 1020, 1021E; 1.0 course from Physiology 1021, 2130 or equivalent. If not completed in first year, the Physiology requirement must be completed by the end of second year. Enrollment in Bachelor of Health Sciences or Kinesiology program. Enrollment is limited.
Minor in Rehabilitation Sciences	Kinesiology 1080A/B and 1088A/B or Health Sciences 1001A/B and 1002A/B or with a minimum grade of 70%. 1.0 course from Physiology 1021, 2130 or equivalent. If not completed in first year, the physiology requirement must be completed by the end of second year. Enrollment in Bachelor of Health Sciences or Kinesiology program. Enrollment is limited.
Minor in Foods and Nutrition	Completion of first-year requirements with an average of 70% and no failures. Must have an average of 70% in 3.0 principal courses including: Foods and Nutrition 1021 (mark of at least 70%) and Chemistry 1100A/B and 1200B (mark of at least 60%).

## NURSING

[www.uwo.ca/fhs/nursing](http://www.uwo.ca/fhs/nursing) ▶ Health Sciences Addition 128 ▶ 519-661-3395

The first two years of the Western-Fanshawe collaborative BScN program are offered simultaneously at both Western and Fanshawe campuses, with 125 students at each site. All students will study at the Western campus in years three and four. The final term of year four is 432 hours of clinical experience.

The first year of the program focuses on people's experience with health with an emphasis on understanding families, health and nurses' work. Your clinical experience begins early in the year by visiting families of all ages in the community and continues with practice experience in a long-term care setting.

### Western-Fanshawe Collaborative Nursing Program

This is a 4-year program. This program qualifies graduates to apply for registration as a professional nurse with The College of Nurses of Ontario.

### Admission Requirements

#### Required

Applicants must complete an Ontario Secondary School Diploma (OSSD) and have a minimum of six Gr. 12 U or M-level credits, including the following with a minimum of 65% in each:

- ▶ Grade 12U English (ENG4U)
- ▶ Grade 12U Biology (SBI4U)
- ▶ Grade 12U Chemistry (SCH4U)
- ▶ One of: Grade 11U Functions (MCR3U) or Grade 11M Functions & Applications (MCF3M),

In order to be considered for admission students should strive to achieve an average in the low to high 80s.

*Note: Possession of published minimum requirements does not guarantee admission. Priority consideration shall be given, all other things being equal, first to Canadian citizens and permanent residents from Ontario, and second to Canadian citizens and permanent residents from other Canadian provinces. Special consideration given to CIDA.*

### Application Deadline

February 15

### Academic Counselling

Denice Litzan; Health Sciences Addition H128; [dlitzan@uwo.ca](mailto:dlitzan@uwo.ca)  
519-661-3398; Monday - Thursday: 8:00 am - 4:00 pm

### Immunization

You must submit documentation of immunization and tuberculin status. Students in Health Sciences may be exposed to patients with Hepatitis "B" and/or HIV. If you are admitted to the program, you will receive complete documentation about health status policies and immunization requirements.

### First Year Timetable

Nursing 1120	Foundations of Professional Nursing
Nursing 1130	Health Promotion & Caring for Self, Colleagues, & Clients
Nursing 1140	Holistic Health Assessment
Health Sciences 2330A	Human Anatomy
Physiology 1020	Human Physiology
Writing 1030F/G	Writing for Professional Success in Nursing

### Degrees Offered

#### Undergraduate Programs

- ▶ Western-Fanshawe Collaborate BScN program
- ▶ Compressed Time Frame (BScN)

#### Graduate Programs

- ▶ Master of Science in Nursing (MScN)
- ▶ Master of Nursing (MN)
- ▶ Doctor of Philosophy in Nursing (PhD)

## COMMUNICATION SCIENCES AND DISORDERS

See Graduate Programs.

## OCCUPATIONAL THERAPY

See Graduate Programs.

## PHYSICAL THERAPY

See Graduate Programs.

# FACULTY OF INFORMATION AND MEDIA STUDIES

Established 1997 ▶ North Campus Building 240 ▶ 519-661-3542 ▶ Website: [www.fims.uwo.ca](http://www.fims.uwo.ca)

Dean: T. Carmichael

Associate Dean: N. Dyer-Witthford

Information technologies directly affect every aspect of our daily lives – the way we learn, consume, do business, construct communities and engage in leisure and cultural activities. These technologies impact the way we think, create, relate to others, and behave. They shape our world – or do we shape our world using these technologies?

## Academic Counselling

NCB 240  
519-661-3542  
email: [mit@uwo.ca](mailto:mit@uwo.ca)  
Appointment required.

## Degrees Offered

- ▶ Bachelor of Arts (Media, Information and Technoculture): 3-Year
- ▶ Bachelor of Arts (Media and the Public Interest): 3 Year
- ▶ Bachelor of Arts (Media, Information and Technoculture): 4-Year

- ▶ Bachelor of Arts (Media, Information and Technoculture): 4-Year Honors Specialization
- ▶ Bachelor of Arts (Media and the Public Interest): 4-Year Honors Specialization
- ▶ Honors Specialization in Media, Information and Technoculture (MIT) and Honors Business Administration (HBA)
- ▶ Honors Specialization in Media, Information and Technoculture (MIT) and Juris Doctor (JD)
- ▶ Media Theory and Production – A collaborative degree/diploma with Fanshawe College

## MEDIA, INFORMATION AND TECHNOCULTURE (MIT)

Explore the nature and impact of communications technologies in today's world. Become an informed and critical analyst of our media and image-saturated social environment. Examine the convergence of information technologies, as print, video and audio join together in cyberspace to create new methods of communication and information dissemination. In this program you will take courses that develop your media and information literacy. You will also discover how media content is derived, filtered, edited, produced, owned, and presented in its various cultural forms.

## Admission Requirements

### Required

Six Grade 12U or M level courses including:  
▶ Grade 12U English (ENG4U)

### Limited Enrollment

Admission to the senior years of all MIT modules is competitive and is limited to the capacity of the program. However, students registered in FIMS who complete 5.0 first-year courses with an average of at least 70% in five principal courses and a minimum grade of 65% in the three MIT first-year courses will be guaranteed admission to second year of the Major in MIT.

The Faculty then ranks all remaining first-year MIT students who apply to

second year and fulfill the minimum admission requirements, and makes offers of admission until the program is filled to capacity. Possession of the minimum requirement does not guarantee admission to a module in MIT.

## Internships

Upper-year MIT students may complete internship placements in media or information-related fields. These can be completed over a term during the academic year or over the summer. MIT interns gain valuable hands-on skills and training and use their experience to establish connections with future employers. In previous years, MIT students have completed internships with Rogers Television, the London Free Press, *Canadian Living* Magazine, and IBM's Centre for Advanced Studies.

MODULE	PREREQUISITE COURSES
Honors Specialization in Media, Information and Technoculture	Completion of first-year requirements with no failures. Students must have an average of at least 72% in 4.0 principal courses, with no mark below 60%, including a minimum grade of 70% in each of: Media, Information and Technoculture 1200F/G, 1500A/B and 1700F/G.
Major in Media, Information and Technoculture	Completion of first-year requirements with no failures. Students must have an average of at least 68% in 4.0 first-year courses, including a minimum grade of 65% in each of Media, Information and Technoculture 1200F/G, 1500A/B and 1700F/G.
Honors Specialization in Media, Information and Technoculture (MIT) and Honors Business Administration (HBA)	Students apply for this combined degree program during their HBA1 year. For more information, please visit the Academic Calendar website at <a href="http://www.westerncalendar.uwo.ca">www.westerncalendar.uwo.ca</a> .
Honors Specialization in MIT and Law (JD)	Students must apply to both the Faculty of Law and the Faculty of Information and Media Studies at the beginning of their 3rd year. For more information, please visit <a href="http://www.westerncalendar.uwo.ca">www.westerncalendar.uwo.ca</a> .

## MEDIA THEORY AND PRODUCTION (MTP)

Earn a three-year BA in MIT and a two-year college diploma in only four years. Become articulate, informed and aware of the roles of various communications media in society. Apply hands-on techniques and processes related to specific communications technologies. This innovative, joint degree/diploma program offered in partnership with Fanshawe College will give you a thorough grounding in media theory as well as practical training in your chosen stream.

After completing your first year at Western as an MTP student, you will select one of four areas of study for the Fanshawe diploma, and you will complete your requirements for the degree/diploma concurrently between both campuses in London.

The streams of study for the Fanshawe diploma are:

1. Interactive Media Design and Production
2. Broadcasting – Television
3. Broadcasting – Radio
4. Journalism – Broadcast

### Admission Requirements

Admission to each of these areas of specialization within the MTP program is competitive and based on academic performance in first year.

#### Required

Six Grade 12U or M level courses including:

- ▶ Grade 12U English (ENG4U)

PROGRAM	PREREQUISITE COURSES
Media Theory and Production	Completion of first-year requirements with no failures. Students must have an average of at least 68% in 5.0 courses, with a mark of at least 65% in each of MIT 1200F/G, 1500A/B, 1700F/G, and Writing 2121F/G. At least 1.0 course must be selected from the Faculty of Arts and Humanities or the Faculty of Science.

## MEDIA AND THE PUBLIC INTEREST

Are you concerned with issues of equity, justice, democracy, and citizenship? Learn about the interaction between media institutions and social movements. Study the relation of communication practices to issues of equity, democracy, and civic inclusion. In the Media and the Public Interest program you will examine the interrelations of power, communications, and technology in the context of the expanding range of media activities and analysis by contemporary social movements.

While other programs of media studies may lead to professional work in media industries, business careers, or legal specializations, the Media and the Public Interest degree is particularly aimed at those who plan to work with communication issues in civil society movements, the non-profit sector or the public service. Enrollment in MPI is available to a limited number of students after completion of one year of successful study in MIT.

### Admission Requirements

Modules in Media and the Public Interest are only available to students after completion of all first-year MIT requirements.

*Note: Admission to the senior years of all MPI modules is competitive and is limited to the capacity of the program. Possession of the minimum requirements does not guarantee admission.*

MODULE	PREREQUISITE COURSES
Honors Specialization in Media and the Public Interest	Completion of 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 Media, Information and Technoculture 1200F/G, 1500A/B and 1700F/G.
Major in Media and Public Interest	Completion of first-year requirements with no failures. Students must have an average of at least 68% in 4.0 principal courses, including a minimum grade of 65% in each of Media, Information and Technoculture 1200F/G, 1500A/B and 1700F/G.

## GRADUATE PROGRAM IN JOURNALISM

See Graduate Programs.

## GRADUATE PROGRAMS IN LIBRARY AND INFORMATION SCIENCE

See Graduate Programs.

# INTER-FACULTY DEPARTMENTS/MODULES

## LINGUISTICS

[www.uwo.ca/linguistics](http://www.uwo.ca/linguistics)

### Department of French Studies - UC 138B

J. Lamarche, Co-Director Arts and Humanities  
519-661-2111 x85703 • lamarche@uwo.ca

### Anthropology Department - SSC 3404

K. Pennesi, Co-Director Social Science  
519-661-2111 x85098 • pennesi@uwo.ca

Linguistics is the scientific and humanistic study of language. This interdisciplinary program will familiarize you with the analytical tools needed to understand the internal functioning of language, as well as the historical and social variations in language. Through Linguistics you will become acquainted with applications of linguistic theory in areas such as child language acquisition, second language acquisition, and language change and variation. In addition, studying Linguistics will let you explore provocative and interdisciplinary concepts such as: the 'innateness' of human language, language evolution and extinction, machine language

and human language, individual and social views of language, language correctness and even the idea of a melodious language.

Students are encouraged to register for a French language course at their level of competence and to continue to at least the French 1900EE/1910 level in order to be able to take advantage in later years of linguistics offerings taught in French.

### Academic Counselling

Students seeking program counselling for Linguistics should contact one of the Co-Directors of the Program in Linguistics:

**Professor K. Pennesi** (Department of Anthropology);

**Professor J. Lamarche** (Department of French Studies).

### Admission Requirements

- ▶ Grade 12U English (ENG4U)
- ▶ Grade 12U level French is strongly recommended

MODULE	PREREQUISITE COURSES
Major in Linguistics Minor in Linguistics	Anthropology 1027A/B and Linguistics 1028A/B with a mark of at least 60%.

## WOMEN'S STUDIES AND FEMINIST RESEARCH

[www.uwo.ca/womens](http://www.uwo.ca/womens) ▶ Lawson Hall 3260 ▶ 519-661-3759

Explore the dynamics that shape your everyday experiences as a gendered person in contemporary culture. In our courses you will learn how to develop a critical perspective that takes factors such as sex, gender, sexuality, race, class and disability into account. You might find your worldview transformed as you apply these perspectives to your study in other classes and, in fact, to all aspects of your life. Our courses reflect an expanding field of feminist research including feminist theories, sexuality studies, critical race studies, masculinities, health, queer and legal issues, violence against women and children, equity, feminist global issues, and women in creative arts.

Please note: Women's Studies is a department in both the Faculty of Arts and Humanities, and the Faculty of Social Science. Therefore, students may count Women's Studies 1020E as either a Category A or B credit, when considering their breadth requirements.

### Academic Counselling

Lawson Hall 3260 • 519-661-3759

Please visit the Department's website for academic counselling hours.

### Admission Requirements

#### Required

- ▶ Grade 12U (ENG4U) English

### Degrees Offered

- ▶ Honors Bachelor of Arts (Four-Year)
- ▶ Bachelor of Arts (Four-Year)
- ▶ Bachelor of Arts (Three-Year)

MODULE	PREREQUISITE COURSES
Honors Specialization in Women's Studies	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Women's Studies 1020E plus 2.0 additional principal courses with a minimum overall average of 70% with no mark less than 60%.
Major in Sexuality Studies	Completion of first-year requirements including one of Women's Studies 1020E or Comparative Literature and Culture 1023 with a mark of at least 60% or permission of the Department of Women's Studies and Feminist Research in consultation with module partners: Modern Languages and Literatures, Classical Studies, English, Film Studies, Philosophy and Visual Arts.
Major in Women's Studies	Completion of first-year requirements including Women's Studies 1020E with a mark of at least 60%.
Specialization in Women's Studies	Completion of first-year requirements including Women's Studies 1020E with a mark of at least 60%.
Minor in Feminist Theory	Completion of first-year requirements including Women's Studies 1020E with a mark of at least 60% or permission of Department.
Minor in Gender, Sexuality and Culture	Completion of first-year requirements, including one of Comparative Literature and Culture 1023 or Women's Studies 1020E with a mark of at least 60%, or permission from either the Department of Modern Languages and Literatures or the Department of Women's Studies and Feminist Research.
Minor in Women's Studies	Completion of first-year requirements including Women's Studies 1020E with a mark of at least 60%.

# DON WRIGHT FACULTY OF MUSIC

Established 1945 ▶ Talbot College ▶ 519-661-2043 ▶ Website: [www.music.uwo.ca](http://www.music.uwo.ca)

Dean: B.A. Younker

The first year for all Bachelor of Music students includes courses in Music Theory, Music History, Music Skills (Sight-singing, Ear-training, and Keyboard Harmony), an introductory course in Vocal Music, a half-course music elective and one elective from outside the Don Wright Faculty of Music. Bachelor of Music students also receive weekly hour-long lessons plus regular master classes and ensemble experience. In the Bachelor of Arts music modules, lessons are optional (with an extra fee) and are often replaced with an additional elective from outside the Don Wright Faculty of Music. The BA music modules are especially well suited for students who wish to combine their music interests with other fields of study from across the University.

In the Bachelor of Music programs a specific area of study is normally selected toward the end of the first year, once the student has had the opportunity to assess their particular strengths and interests. In all programs, the core subjects -Music Theory, Music History, Music Skills- continue in the second year. The third and fourth years are the period of the greatest concentration in the specific area of study. Hour-long weekly lessons may continue through to the graduating year in all Bachelor of Music programs. The Bachelor of Musical Arts program offers hour-long weekly lessons in years one and two, and half-hour weekly lessons in years three and four.

Admission to Western's Don Wright Faculty of Music is limited and competitive. Admission is awarded on the basis of your audition, of your high school average (most of our students are above 80 per cent) and your Theory Placement Test score. We also evaluate your general background and preparedness for university music study, as assessed from the interview, questionnaire, letters of recommendation and level of piano proficiency.

## Academic Counselling

Talbot College 210

519-661-2044 or 519-661-2111 Ext 85370

9:30 am-11:30 am and 1:30 pm-3:30 pm

Appointment preferred

## Admission Requirements: Bachelor of Music

Six approved Grade 12U/M credits, including Grade 12U English (ENG4U), one of which may be Grade 12U Music or equivalent Conservatory certificates (Grade IX vocal or instrumental with Grade III theory) or completion of six Grade 12U and/or M level courses including ENG4U. Recommendation of the Faculty, based on an audition and interview (evidence of ability to manage the curriculum, usually manifest in at least Grade VIII performing ability). The Faculty will contact you about specific audition requirements and dates. Conservatory certificates are not required. If you are not recommended for admission to the Common First Year of BMus/BMusA programs, you may be considered for admission to the First Year of the BA (Music) program. Keyboard proficiency of at least the Conservatory grade VI level is strongly recommended. See Music 0914 in the Courses section.

## Admission Requirements: Bachelor of Arts

Six approved Grade 12U/M credits, including Grade 12U English (ENG4U), and, for the Music Administrative Studies program, one of: Grade 12U Advanced Functions (MHF4U), Calculus and Vectors (MCV4U), or Math of Data Management (MDM4U). One credit may be Grade 12U/M Music or equivalent Conservatory certificates (Grade IX vocal or instrumental with Grade III Theory).

Recommendation of the Faculty based on evidence of ability to manage the curriculum. An interview and/or audition may be required, and the Faculty contacts each applicant regarding specific audition requirements and dates. Conservatory certificates are not required.

You may obtain details about audition requirements from the Admissions Officer of the Don Wright Faculty of Music or online at [www.music.uwo.ca](http://www.music.uwo.ca).

## Limited Enrollment Program

2011

Number of applicants: 855

Number of registrants: 148

## Degrees and Diplomas Offered

- ▶ Bachelor of Arts Honors Specialization: Music (4-year)
- ▶ Bachelor of Arts Major: Music (3-year or 4-year)
- ▶ Bachelor of Arts Major: Popular Music Studies
- ▶ Bachelor of Arts Specialization: Music Administrative Studies
- ▶ Bachelor of Music (BMus) 4-year available in:
  - Music Education
  - Music History
  - Performance
  - Theory and Composition
- ▶ Bachelor of Musical Arts (BMusA) 4-year
- ▶ Music Performance Diploma: 3-year
- ▶ Artist Diploma in Performance: 1-year
- ▶ Certificate in Piano Technology

## Graduate Programs

- ▶ Master of Arts (MA)
  - Areas of study: Music Theory, Musicology, Popular Music
- ▶ Master of Music (MMus)
  - Areas of study: Composition, Literature and Performance, Music Education
- ▶ Doctor of Musical Arts (DMA)
- ▶ Doctor of Philosophy (PhD)
  - Areas of study: Composition, Music Education, Music Theory, Musicology

## First Year BMus and BMusA Programs

Music 0914, Music 1635A/B, 1636A/B, 1649A/B\*, 1650A/B, 1710F/G, 1711F/G, 1801A/B, 1920.

Ensemble: One, or more, of: Music 1901, 1902, 1903, 1904, 1905, 1906, 1910, 1911, 1912, 1913. One half-course from the Faculty of Music. One course from a Faculty other than Music.

## First Year BA Honors Specialization: Music

Music 1649A/B\*, 1650A/B, 1710F/G, 1711F/G. Three courses from a Faculty other than Music.

## First Year BA Specialization: Music Administrative Studies

Economics 1021A/B, 1022A/B or Economics 1020, Management and Organizational Studies 1021A/B and 1023A/B, one of Calculus 1000A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; Music 1635A/B, 1649A/B\*, 1650A/B, 1710F/G; 0.5 course from the Department of Music Research and Composition.

*\* If you cannot demonstrate competence in theory rudiments, melody writing and elementary harmony, you must acquire such competence, either by taking Music 0601A or through independent study, before enrolling in Music 1649A/B.*

MODULE	PREREQUISITE COURSES
Honors Specialization in Music	Recommendation of the Faculty on the basis of an interview. Completion of first year requirements, with a minimum mark of 60% in each of Music 1649A/B, 1650A/B, 1710F/G, 1711F/G, or permission of the Faculty.
Major in Music	Completion of first year requirements, including Music 1649A/B, 1650A/B, 1710F/G, 1711F/G, or permission of the Faculty.
Major in Popular Music Studies	Recommendation of the Faculty on the basis of an interview. Completion of first-year requirements, including a mark of at least 60% in each of the following courses: Music 1170A/B, English 1020E or 1024E, and Film Studies 1020E or CLC 1020.
Specialization in Music Administrative Studies	1.0 course from: Economics 1021A/B and 1022A/B, or 1020 1.0 course: Management and Organizational Studies 1021A/B and 1023A/B 0.5 course from: Calculus 1000A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B 2.0 courses: Music 1635A/B, 1649A/B, 1650A/B, 1710F/G 0.5 course from: The Department of Music Research and Composition.
Minor in Music Minor in Dance	Completion of first year requirements.
Western/Fanshawe Collaborative Degree/ Diploma in Music Recording Arts (MRA)	Music 0914 (if required), Music 1635A/B, 1636A/B, 1649A/B, 1650A/B, 1710F/G, 1711F/G, 1801A/B, 1920. Ensemble: One, or more, of Music 1901, 1902, 1903, 1904, 1905, 1906, 1910, 1911, 1912, 1913. 0.5 course from the Faculty of Music. 1.0 course from a Faculty other than Music.

# FACULTY OF SCIENCE

## Including Bachelor of Medical Sciences (BMSc) Program

Established 1924 ▶ Western Science Centre 191 ▶ 519-661-3041 ▶ Website: [www.uwo.ca/sci](http://www.uwo.ca/sci)

Dean: C. Dean

Associate Deans: K. Griffiths (Academic)  
D. L. Jones (Basic Medical Sciences,  
Academic Affairs)  
C. L. Milligan (Administration)  
R. A. Secco (Research)

Assistant Deans: C. Jones (Diversity and Outreach)  
P. Simpson (Graduate and International Research)

### Academic Counselling

#### Science and Basic Medical Sciences

Academic Counselling Office - WSC 191  
Phone: 519-661-3040  
Email: [scibmsac@uwo.ca](mailto:scibmsac@uwo.ca)  
Web: [www.uwo.ca/sci/counselling](http://www.uwo.ca/sci/counselling)

#### Drop-in Counselling:

10:00 am to 4:00 pm (Sept - April)  
10:00 am to 3:30 pm (Summer)  
Appointments can be arranged.

### Admission Requirements

Six Grade 12U or M level courses including:

- ▶ Grade 12U English (ENG4U)
- ▶ Grade 12U Advanced Functions (MHF4U)
- ▶ Two of: Grade 12U Calculus and Vectors (MCV4U)\*, Grade 12U Biology (SBI4U)\*, Grade 12U Chemistry (SCH4U)\*, Grade 12U Physics (SPH4U), Grade 12U Earth and Space Science (SES4U), Grade 12U Math of Data Management (MDM4U), Grade 12 Computer and Information Science (ICS4U)

\* *Highly recommended course.*

### Three-Year, Four-Year and Honors Degrees

General admission, progression and graduation requirements for the modules, and the 3-year, 4-year and 4-year honors degrees, are listed in the Academic Information section.

### Degrees Offered

- ▶ Bachelor of Arts (BA): 3-year and 4-year; 4-year Honors
- ▶ Bachelor of Science (BSc): 3-year and 4-year; 4-year Honors
- ▶ Bachelor of Science (Foods and Nutrition) [BSc(FN)]: 4-year; 4-year Honors - see Brescia University College
- ▶ Bachelor of Medical Sciences (BMSc): 4-year; 4-year Honors
- ▶ BSc Honors combined with JD (Law): 6-year program, available only in Computer Science
- ▶ BMSc (Honors Specialization in Medical Sciences) combined with HBA (Business Administration): 5-year program
- ▶ BSc Honors combined with HBA (Business Administration): 5-year program

### Graduate Programs

- ▶ Master of Arts (MA)
- ▶ Master of Science (MSc)
- ▶ Doctor of Philosophy (PhD)

### Science/BMSc Internship Program

The Science/BMSc Internship Program aims to provide an 8-16 month practical science-related experience in an employment setting. All students enrolled in the 3rd year of a 4-year undergraduate Science or Basic Medical Sciences Honors Specialization, Specialization, or in a Major and Major combination (where at least one of the Majors is in Science or Basic Medical Sciences), are eligible to enroll in the Science/BMSc Internship Program, if they satisfy the eligibility requirements.

## APPLIED MATHEMATICS

[www.apmaths.uwo.ca](http://www.apmaths.uwo.ca) ▶ Middlesex College 255 ▶ 519-661-3649

In Applied Mathematics, we use mathematical and numerical methods in a diverse mix of fields. We focus on computational biology and materials physics, computer software tools for mathematical modelling, dynamical systems, mathematical biology, the mathematics of finance and risk as well as theoretical physics.

MODULE	PREREQUISITE COURSES
Honors Specialization in Applied Mathematics	Completion of first-year requirements with no failures. Students must have a minimum average of 70% on 3.0 principal courses, with no mark less than 60% in any principal course. Principal courses include: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1.
Honors Specialization in Financial Modelling	Completion of first-year requirements with no failures. Students must have a minimum average of 70% on 3.0 principal courses, with no mark less than 60% in any principal course, including: Calculus 1000A/B, 1100A/B or 1500A/B and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1. Recommended (but not required) first year courses: Economics 1021A/B and Economics 1022A/B; Philosophy 1200; Computer Science 1026A/B and/or 1027A/B.
Honors Specialization in Mathematical Sciences	Completion of first-year requirements with no failures. Students must have a minimum average of 70% in the following 3.0 principal courses, with no mark less than 60%: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1. Recommended (but not required) first year courses: Statistical Sciences 1023A/B.

## Applied Mathematics *continued*

MODULE	PREREQUISITE COURSES
Major in Applied Mathematics Major in Applied Mathematical Methods	Students must have a minimum grade of 60% in the following courses: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%). Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1.
Major in Financial Modelling	Students must have a minimum grade of 60% in the following 3.0 principal courses: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1. Recommended (but not required) first year courses: Economics 1021A/B and Economics 1022A/B; Philosophy 1200; Computer Science 1026A/B.
Major in Scientific Computing and Numerical Methods	Students must have a minimum grade of 60% in the following courses: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Computer Science 1025A/B or 1026A/B and Computer Science 1027A/B. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1.
Major in Theoretical Physics	Students must have a minimum grade of 60% in the following courses: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%). Either Physics 1301A/B and 1302A/B, or Physics 1401A/B and 1402A/B, or Physics 1501A/B and 1502A/B with an average mark of at least 60% in the two half courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60% for either, is normally taken in Year 1.
Specialization in Applied Mathematics Minor in Applied Mathematics Minor in Mathematical and Numerical Methods	Students must have a minimum grade of 60% in the following courses: Calculus 1000A/B, 1100A/B or 1500A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%). Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.

*Note: Applied Mathematics 1413 (with a mark of at least 60%) may be substituted for the 1.0 Calculus requirement. For each of the modules above, Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of at least 60%, if not taken in year 1, must be taken before the second term of year 2.*

## BIOINFORMATICS

Middlesex College 355 ▶ 519-661-3566

Utilize the power of computers to investigate solutions to a vast range of molecular biology problems. Students with interests in computer science, the biosciences, chemistry and mathematics are encouraged to consider this area of study. Western's programs in Bioinformatics are offered through the joint cooperation of the Departments of Computer Science and Biochemistry.

MODULE	PREREQUISITE COURSES
Honors Specialization in Bioinformatics (Biochemistry Concentration) Honors Specialization in Bioinformatics (Computer Science Concentration)	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 4.0 principal courses, with no mark in these principal courses below 60%, including: Biology 1001A and 1002B; Chemistry 1100A/B and 1200B; Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B; Computer Science 1027A/B or 1037A/B, in either case with a mark of at least 65%; 1.0 course from: Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B. Note: Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at 70% may be used in place of Biology 1002B.

## BIOLOGY

[www.uwo.ca/biology](http://www.uwo.ca/biology) ▶ Biological and Geological Sciences 232 ▶ 519-661-2111 Ext 82542

Western's Biology programs offer the opportunity for students to study aspects of life from molecular, cellular, organismal, community and global perspectives. Throughout the Biology program, students acquire not only an understanding of the concepts of Biology, but also skill sets that will serve them well for life after university. We provide hands-on lab experience in most courses and our innovative lab-only course emphasizes student input into experimental design. Students learn a variety of modern techniques and the basics of scientific communication. The success of this course has inspired the development of similar lab-only courses at the third year level in cell biology, genetics and physiology. Throughout the undergraduate program, there are opportunities for students to take their studies to the field, as Biology at Western offers a variety of field courses across North America and the World. Our undergraduates also have the opportunity to work closely with our faculty in research projects during their fourth year of study and so many can be found in labs and in the field during the academic year.

MODULE	PREREQUISITE COURSES
Honors Specialization in Biology Honors Specialization in Genetics	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each, including: Biology 1001A or 1201A and Biology 1002B or 1202B; Chemistry 1100A/B and 1200B; plus 1.0 additional course. 0.5 course from: Physics 1028A/B, 1301A/B or 1501A/B. 1.0 course from the Mathematics list for Biology modules*. If not completed in first year, the Mathematics requirement must be completed by the end of second year.

MODULE	PREREQUISITE COURSES
Honors Specialization in Animal Behaviour (BSc)	Completion of first-year requirements with no failures. Students must have an average of at least 70%, with a mark of at least 60% in each of 3.0 principal courses, including: Biology 1001A or 1201A and 1002B or 1202B; Chemistry 1100A/B and 1200B; Psychology 1000; plus 1.0 additional principal course. Physics 1028A/B or 1301A/B or 1501A/B; 1.0 course from the Mathematics list for Biology modules*. If not completed in first year, the Mathematics requirement must be completed by the end of second year.
Honors Specialization in Genetics and Biochemistry	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 4.0 principal courses, with a mark of at least 60% in each: Biology 1001A or 1201A and 1002B or 1202B; Chemistry 1100A/B and 1200B; 1.0 course from the Mathematics list for Biology modules*; plus 1.0 course from Physics 1028A/B or 1301A/B or 1501A/B and Physics 1029A/B or 1302A/B or 1502A/B.
Major in Biology Major in Genetics Specialization in Biology	Biology 1001A or 1201A and Biology 1002B or 1202B, with a minimum mark of 60% in each; Chemistry 1100A/B and 1200B. 0.5 course from: Physics 1028A/B, 1301A/B or 1501A/B. 1.0 course from the Mathematics list for Biology modules*. If not completed in first year, the Mathematics requirement must be completed by the end of second year.
Major in Ecosystem Health	Completion of first year requirements, including Biology 1001A or 1201A and Biology 1002B or 1202B, with a minimum mark of 60% in each; Chemistry 1100A/B and 1200B. 0.5 course from: Physics 1028A/B, 1301A/B or 1501A/B. 1.0 course from the Mathematics list for Biology modules*. Earth Sciences 1088F/G and Environmental Science 1021F/G are highly recommended.
Minor in Biology Minor in Genetics	Biology 1001A or 1201A and Biology 1002B or 1202B with a mark of at least 60% in each; Chemistry 1100A/B and 1200B.
* Mathematics list for Biology modules: Applied Mathematics 1201A/B, Calculus 1000A/B, 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B.	

## CHEMISTRY

[www.uwo.ca/chem](http://www.uwo.ca/chem) ▶ Chemistry Building 119 ▶ 519-661-2166

Chemistry is the study of the structure, composition and properties of materials and the changes that materials undergo. Chemistry is a central science that overlaps and integrates with other science disciplines such as biology, physics, and mathematics. Learn about the basic principles of chemistry - from individual atoms to massive chemical plants, from batteries to bio-chemicals, from pharmaceuticals to engine oil.

MODULE	PREREQUISITE COURSES
Honors Specialization in Chemistry	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each, including: Chemistry 1100A/B and 1200B; 1.0 course from Physics 1028A/B or 1301A/B or 1501A/B and Physics 1029A/B or 1302A/B or 1502A/B; plus 1.0 course from: Calculus 1000A/B, 1100A/B or 1500A/B; and one of Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, Mathematics 1225A/B, 1229A/B or 1600A/B (with an average in the two of at least 60%).
Honors Specialization in Biochemistry and Chemistry	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each, including: Biology 1001A and 1002B, Chemistry 1100A/B and 1200B plus 1.0 course from: Calculus 1000A/B, 1100A/B or 1500A/B; and Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, Mathematics 1225A/B, 1229A/B or 1600A/B (with an average in the two of at least 60%). 1.0 course from: Physics 1028A/B or 1301A/B or 1501A/B and Physics 1029A/B or 1302A/B or 1502A/B is also required but is not considered a principal course.
Honors Specialization in Chemical Biology	See Biochemistry department listing.
Major in Chemistry	The following 3.0 courses with a mark of at least 60%: 1.0 course from Chemistry 1100A/B and Chemistry 1200B (with an average in the two of at least 60%); 1.0 course from (Physics 1028A/B or 1301A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1502A/B), with an average in the two half courses of at least 60%; 1.0 course from: Calculus 1000A/B, 1100A/B or 1500A/B; and Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, Mathematics 1225A/B, 1229A/B or 1600A/B (with an average in the two of at least 60%).
Specialization in Chemistry	The following 3.0 courses with a mark of at least 60%: Chemistry 1100A/B and 1200B; 1.0 course from Physics 1028A/B or 1301A/B or 1501A/B and Physics 1029A/B or 1302A/B or 1502A/B plus 1.0 course from Calculus 1000A/B, 1100A/B or 1500A/B; and Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, Mathematics 1225A/B, 1229A/B or 1600A/B (with an average in the two of at least 60%).
Minor in Chemistry	The following 2.0 courses with a mark of at least 60%: Chemistry 1100A/B and 1200B; Calculus 1000A/B, 1100A/B or 1500A/B; and Applied Mathematics 1201 A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, Mathematics 1225A/B, 1229A/B or 1600A/B (with an average in the two of at least 60%). This minor cannot be taken in combination with any other module offered by the Department of Chemistry.

MODULE	PREREQUISITE COURSES
Minor in Advanced Chemistry Minor in Physical, Theoretical and Analytical Chemistry	Available only to those specializing in Biochemistry and Chemistry; or Specialization in Chemistry. (See these modules for the prerequisite courses for each.)
Minor in Materials Chemistry Minor in Inorganic and Analytical Chemistry Minor in Inorganic and Organic Chemistry	Available only to those students who will complete one of the following modules: Honors Specialization in Chemistry; Honors Specialization in Biochemistry and Chemistry; or Specialization in Chemistry. (See these modules for the prerequisite courses for each.)

## COMPUTER SCIENCE

[www.csd.uwo.ca](http://www.csd.uwo.ca) ▶ Middlesex College 355 ▶ 519-661-3566

A Computer Science degree is one of the most employable degrees you can earn. This exciting discipline will open doors allowing you to have an impact on real world problems. Western's interdisciplinary studies let you combine Computer Science with other areas that interest you - even with degrees in Business, Engineering, Music or Fine Arts. We also offer specialized programs in Information Systems, Bioinformatics and Gaming. Computer Science is a rapidly evolving field; with a Computer Science degree, you can make a difference. If you are creative, logical and enjoy design, then Computer Science is for you.

MODULE	PREREQUISITE COURSES
Honors Specialization in Computer Science Honors Specialization in Information Systems	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark less than 60% in 3.0 principal courses including: Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B; Computer Science 1027A/B or 1037A/B (with a mark of at least 65%); 1.0 course from: Applied Mathematics 1201A/B, 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, or Mathematics 1600A/B.
Major in Computer Science Specialization in Computer Science Minor in Computer Science	The following courses, each with a mark of at least 60%: Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B; Computer Science 1027A/B or 1037A/B (with a mark of at least 65%); plus 1.0 course from: Applied Mathematics 1201A/B, 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, or Mathematics 1600A/B.
Minor in Applications of Computer Science Minor in Software Engineering	Registration in either the Honors Specialization in Computer Science or the Specialization in Computer Science following Year 1.
Minor in Computer Algebra	Students must have a mark of at least 60% in the following courses: Mathematics 1600A/B, (Calculus 1000A/B, 1100A/B or 1500A/B) and (Calculus 1301A/B or 1501A/B) in each case with a mark of at least 60%, plus registration in the Honors Specialization in Computer Science module.
Minor in High Performance Computing	Completion of first-year requirements, including 1.0 course with a mark of at least 60% from: Applied Mathematics 1201A/B, 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, or Mathematics 1600A/B.
Minor in Game Development	Registration in either the Honors Specialization, the Major, or the Specialization in Computer Science; plus either Mathematics 1600A/B or permission of the Department.
Minor in Theoretical Computer Science	Registration in the Honors Specialization in Computer Science following Year 1.
Combined Honors BSc Computer Science/JD Program	Year one principal courses: 1.0 course: Computer Science 1025A/B or 1026A/B, and Computer Science 1027A/B or 1037A/B. 1.0 course from: Applied Mathematics 1201A/B, 1413; Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B; Mathematics 1600A/B or the former Calculus 1201A/B; the former Linear Algebra 1600A/B; the former Mathematics 030. 1.0 course from Breadth Requirement Category A or B.

## EARTH SCIENCES

[www.uwo.ca/earth](http://www.uwo.ca/earth) ▶ Biological and Geological Sciences 1026 ▶ 519-661-3187

The Earth is a dynamic planet that has yet to be fully understood. Discover the concepts of continents breaking apart, ocean floors regenerating, or an asteroid's impact carrying enough energy to sterilize the planet. We emphasize solid Earth geology, geophysics and environmental sciences. Students interested in palaeontology can combine this program with Biology. A combined program with Physics & Astronomy in planetary science examines the factors that shape the planets, moons and asteroids in our solar system. Field trips and field-oriented laboratories in upper years are an integral part of Earth Sciences programs.

MODULE	PREREQUISITE COURSES
Honors Specialization in Geology	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 3.0 principal courses including: 0.5 course: Chemistry 1100A/B (with a minimum mark of 60%); 1.5 courses (each with a minimum mark of 60%) from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G, Biology 1001A, 1002B, 1201A, 1202B, Chemistry 1200B, Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1501A/B, 1502A/B; 1.0 additional course (with an average mark in the two of at least 60%) from: Calculus 1000A/B, 1100A/B, 1500A/B or Mathematics 1225A/B and one of Applied Mathematics 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1228A/B, 1229A/B, 1600A/B or Statistical Sciences 1024A/B. This requirement must be completed by the end of second year.

Earth Sciences *continued*

MODULE	PREREQUISITE COURSES
Honors Specialization in Geophysics	Completion of first-year requirements with no failures. Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses taken, including: 1.0 course: Calculus 1000A/B, 1100A/B or 1500A/B and one of Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 1.0 course from: Physics 1301A/B or 1501A/B and 1302A/B or 1502A/B, or Physics 1028A/B and 1029A/B with a minimum average of 80%; 1.0 course from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G, Chemistry 1024A/B, 1100A/B, 1200B, Mathematics 1600A/B. At least a 0.5 course in Earth Sciences is recommended in first year. If not taken in first year, Mathematics 1600A/B must be completed before the beginning of third year.
Honors Specialization in Geology and Biology	Completion of first-year requirements with no failures. Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses, including: Biology 1001A or 1201A and Biology 1002B or 1202B; Chemistry 1100A/B and 1200B; plus 1.0 additional course from: Calculus 1000A/B, 1100A/B or 1500A/B and one of Applied Mathematics 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B, Statistical Sciences 1024A/B; or Mathematics 1225A/B and 1229A/B. This requirement must be completed by the end of Year 2.
Honors Specialization in Environmental Geoscience	Completion of first-year requirements with no failures. Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses, including: Biology 1001A or 1201A and Biology 1002B or 1202B; Chemistry 1100A/B and 1200B; plus 1.0 additional course from: Calculus 1000A/B, 1100A/B or 1500A/B and one of Applied Mathematics 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B, Statistical Sciences 1024A/B; or Mathematics 1225A/B and 1229A/B. This requirement must be completed by the end of Year 2.
Honors Geology Program Honors Environmental Geoscience Program Honors Geophysics Program (For Professional Registration)	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 3.0 courses: 1.0 course from: Chemistry 1100A and 1200B (with a minimum average of 60%); 1.0 course from Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B and Physics 1029A/B, 1302A/B, 1402A/B or 1502A/B (with a minimum average of 60%); 0.5 course (with a minimum mark of 60%) from: Calculus 1000A/B, 1100A/B or 1500A/B or Mathematics 1225A/B; 0.5 course (with a minimum average of 60%) from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G. 1.0 course from: Applied Mathematics 1201A/B, Biology 1001A, 1002B, 1201A, 1202B, Calculus 1301A/B, 1501A/B, Computer Science 1025A/B, 1026A/B, 1027A/B, Mathematics 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1023A/B, 1024A/B. This requirement must be completed by the end of second year. 1.0 additional course from Category A or Category B.  <i>Note: The Professional Geophysics Program requires Calculus 1000A/B, 1100A/B or 1500A/B and, if taken, a minimum average of 80% in Physics 1028A/B and Physics 1029A/B.</i>
Major in Earth and Planetary Sciences Minor in Earth and Planetary Sciences	Completion of 5.0 first-year courses.
Specialization in Geology	Completion of first-year requirements, including the following 3.0 principal courses: 0.5 course: Chemistry 1100A/B (with a minimum mark of 60%); 1.5 courses (each with a minimum mark of 60%) from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G, Chemistry 1200B, Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1501A/B, 1502A/B, Biology 1001A, 1002B, 1201A, 1202B; 1.0 additional course (with an average mark in the two of at least 60%) from: Calculus 1000A/B, 1100A/B, 1500A/B or Mathematics 1225A/B and one of Applied Mathematics 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B. This requirement must be completed by the end of second year.
Specialization in Geophysics	Completion of first-year requirements. Students must have a minimum of 60% in each of the 3.0 principal courses taken, including: 1.0 course: Calculus 1000A/B, 1100A/B, or 1500A/B and one of Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 1.0 course from: Physics 1301A/B or 1501A/B and Physics 1302A/B or 1502A/B, or Physics 1028A/B and 1029A/B with a minimum average of 80%; 1.0 course from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, 1083F/G, Chemistry 1024A/B, 1100A/B, 1200B, Mathematics 1600A/B.  <i>Note: At least a 0.5 course in Earth Sciences is recommended in first year. If not taken in first year, Mathematics 1600A/B must be completed before the beginning of third year.</i>
Specialization in Geology and Biology Specialization in Environmental Geoscience	Students must have a mark of at least 60% in each of 3.0 principal courses, including: Biology 1001A or 1201A and Biology 1002B or 1202B; Chemistry 1100A/B and 1200B; plus 1.0 additional course from: Calculus 1000A/B, 1100A/B or 1500A/B, and one of Applied Mathematics 1201A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B, Statistical Sciences 1024A/B; or Mathematics 1225A/B and 1229A/B. This requirement must be completed by the end of Year 2.
Minor in Geophysics	1.0 course from: Calculus 1000A/B, 1100A/B or 1500A/B and one of Applied Mathematics 1201A/B, Applied Mathematics 1413, or Calculus 1301A/B, 1501A/B with a mark of of at least 60%.

## ENVIRONMENTAL SCIENCE

[www.uwo.ca/enviro](http://www.uwo.ca/enviro) ▶ Western Science Centre 109 ▶ 519-850-2570

Determine how physical, chemical, and biological processes affect the biosphere, and consider human influence and interests in this relationship. The interdisciplinary modules in Environmental Science combine biological, physical and social sciences perspectives in order to understand the importance of environmental research to science and society. Complex environmental issues involving biology, chemistry, physics, mathematics, geology, geography, toxicology and more are explored.

MODULE	PREREQUISITE COURSES
Honors Specialization in Environmental Science	Completion of first-year requirements with no failures. Students must have an average of at least 70%, with a mark of at least 60%, in 3.5 principal courses, including: Biology 1001A and 1002B; Chemistry 1100A/B and 1200B; 0.5 course from: Environmental Science 1021F/G, or a 1000-level half course in Geography, or Earth Sciences 1022A/B, 1023A/B, 1081A/B, or Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1401A/B, 1402A/B, 1501A/B, 1502A/B; 1.0 course from Applied Mathematics 1201A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B.
Major in Environmental Science Specialization in Environmental Science Minor in Environmental Science	Students must have a mark of at least 60% in the following principal courses: Biology 1001A and 1002B; Chemistry 1100A/B and 1200B; 0.5 course from: Environmental Science 1021F/G, or a 1000-level half course in Geography, or Earth Sciences 1022A/B, 1023A/B, 1081A/B, or Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1401A/B, 1402A/B, 1501A/B, 1502A/B; 1.0 course from Applied Mathematics 1201A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B.

## MATHEMATICS

[www.math.uwo.ca](http://www.math.uwo.ca) ▶ Middlesex College 125 ▶ 519-661-3638

Learn fundamental concepts that lead to mathematical formulas used in every branch of science, engineering, statistics, computer science and economics. Study algebra, analysis, geometry, topology under friendly guidance of math professors. Note the existence of research opportunities for promising students.

MODULE	PREREQUISITE COURSES
Honors Specialization in Mathematics Honors Specialization in Mathematics in Society	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses with a mark of at least 60% in each, including: Calculus 1000A/B, 1100A/B or 1500A/B plus Calculus 1501A/B (or 1301A/B with a mark of at least 85%); plus 2.0 additional courses. Mathematics 1600A/B and Mathematics 1120A/B, if taken in Year 1, will count toward the 3.0 principal courses. Mathematics 1600A/B and Mathematics 1120A/B are recommended. <i>Note: Mathematics 1600A/B, with a minimum mark of 60% or Mathematics 1120A/B with a minimum mark of 70% must be completed prior to Mathematics 2120A/B.</i>
Major in Mathematics	Students must have average of at least 70% in 3.0 principal courses with a mark of at least 60% in each, including: Calculus 1000A/B, 1100A/B or 1500A/B plus Calculus 1501A/B (or 1301A/B with a mark of at least 85%); plus 2.0 additional courses. Mathematics 1600A/B and Mathematics 1120A/B, if taken in Year 1, will count toward the 3.0 principal courses. Mathematics 1600A/B and Mathematics 1120A/B are recommended. <i>Note: Mathematics 1600A/B, with a minimum mark of 60% or Mathematics 1120A/B with a minimum mark of 70% must be completed prior to Mathematics 2120A/B.</i>
Specialization in Mathematics	Calculus 1000A/B, 1100A/B or 1500A/B, with a mark of at least 60%, plus either Calculus 1501A/B with a mark of at least 60% (recommended) or Calculus 1301A/B with a mark of at least 85%. Mathematics 1600A/B and Mathematics 1120A/B are recommended. <i>Note: Students who plan to take Mathematics 2120A/B must first complete either Mathematics 1600A/B with a mark of at least 60% or Mathematics 1120A/B with a mark of at least 70%. Students who plan to take Mathematics 221A/B must first complete either Mathematics 1600A/B with a minimum mark of 50% or Mathematics 1120A/B with a minimum mark of 70%.</i>
Specialization in Mathematics in Society	Calculus 1000A/B, 1100A/B or 1500A/B, with a mark of at least 60%, plus either Calculus 1501A/B with a mark of at least 60% (recommended) or Calculus 1301A/B with a mark of at least 85%. Mathematics 1600A/B and Mathematics 1120A/B are recommended. <i>Note: Mathematics 1600A/B, with a minimum mark of 60% or Mathematics 1120A/B with a minimum mark of 70%, must be completed prior to Mathematics 2120A/B.</i>
Minor in Mathematics	Calculus 1000A/B, 1100A/B or 1500A/B, with a mark of at least 60%, either Calculus 1501A/B with a mark of at least 60% (recommended) or Calculus 1301A/B with a mark of at least 85%. Mathematics 1600A/B and Mathematics 1120A/B are recommended.
Honors Specialization in Mathematical Sciences	See Applied Mathematics.

Astronomers strive to understand the universe, seeking insight into how planets, stars, and galaxies form and evolve. Exceptional astronomy facilities include a 1.2-metre telescope. Astrophysics degrees combine skills in mathematics, physics, and computer simulations. Planetary Scientists at Western are internationally known leaders in space, planetary, meteor and atmospheric physics.

Physics is a fundamental science and is basic to understanding the laws of nature. Physics at Western provides adaptable problem-solving skills that are easily transferred to other disciplines. Facilities connected to the Physics Department include: the Nanofabrication Facility, atomic force microscopy and positron beams in Materials Science; magnetic resonance imaging (MRI) and X-ray computed tomography (CT) imaging and radiation dosimetry in Medical Physics; and Laboratory Astrophysics.

MODULE	PREREQUISITE COURSES
<b>Honors Specialization in Physics</b>	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and 1501A/B (or 1301A/B with a mark of at least 85%), or Applied Mathematics 1413; 1.0 additional course. Students must complete Mathematics 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
<b>Honors Specialization in Astrophysics</b>	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and 1501A/B (or 1301A/B with a mark of at least 85%), or Applied Mathematics 1413; 1.0 additional course. Students must complete Mathematics 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
<b>Honors Specialization in Medical Physics</b>	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (preferred) or Calculus 1301A/B, or Applied Mathematics 1413; 1.0 additional course. Students must complete Mathematics 1600A/B prior to the second term of Year 2.
<b>Honors Specialization in Materials Science</b>	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1301A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413; Chemistry 1100A/B and 1200B.
<b>Honors Specialization in Planetary Science</b>	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and 1501A/B (preferred) or 1301A/B, or Applied Mathematics 1413; 1.0 additional course.
<b>Minor in Advanced Physics</b>	This minor is available only to those students who will complete an Honors Specialization or Specialization in Physics, Astrophysics, or Medical Physics.
<b>Minor in the Physics of Materials</b>	Chemistry 1100A/B and 1200B, or Chemistry 1024A/B. Available only to those students who will complete an Honors Specialization in Physics or Specialization in Physics, or by permission of the Department.
<b>Major in Physics</b>	The following courses, each with a mark of at least 60%: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (preferred) or 1301A/B, or Applied Mathematics 1413. Students must complete Mathematics 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
<b>Major in Astrophysics</b>	The following courses, each with a mark of at least 60%: (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (preferred) or Calculus 1301A/B, or Applied Mathematics 1413. Students must complete Mathematics 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
<b>Major in Medical Physics</b>	The following courses, each with a mark of at least 60%: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413. Students must complete Mathematics 1600A/B prior to the second term in Year 2.
<b>Major in Materials Science Specialization in Materials Science Minor in Materials Science</b>	The following courses, each with a mark of at least 60%: (Physics 1028A/B or 1301A/B, or 1401A/B or 1501A/B) and Physics (1029A/B or 1302A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; Chemistry 1100A/B and Chemistry 1200B.
<b>Major in Planetary Science Specialization in Planetary Science Minor in Planetary Science</b>	The following courses, each with a mark of at least 60%: (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1301A/B or Calculus 1501A/B, or Applied Mathematics 1413.
<b>Specialization in Physics</b>	The following 3.0 courses, each with a mark of at least 60%: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413; 1.0 additional course. Students must complete Mathematics 1600A/B with a mark of at least 55% prior to the second term in Year 2.

MODULE	PREREQUISITE COURSES
Specialization in Astrophysics	The following 3.0 courses, each with a mark of at least 60%: (Physics 1028A/B or 1301A/B or 1401A/B or 1501A/B) and (Physics 1029A/B or 1302A/B or 1402A/B or 1502A/B); Calculus 1000A/B, 1100A/B or 1500A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413; 1.0 additional course. Students must complete Mathematics 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
Specialization in Medical Physics	Completion of first-year requirements, including the following 3.0 courses, each with a minimum mark of 60%: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; Mathematics 1600A/B prior to the second term in Year 2.
Minor in Physics	The following courses, each with a mark of at least 60%: (Physics 1301A/B or 1401A/B or 1501A/B) and (Physics 1302A/B or 1402A/B or 1502A/B), or Physics 1028A/B and 1029A/B with a minimum 80% average; Calculus 1000A/B, 1100A/B or 1500A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413. Students must complete Mathematics 1600A/B prior to the second term in Year 2.
Minor in Conceptual Astronomy	Completion of first-year requirements. This minor is designed for students with a general interest in Astronomy. It is not intended for students considering a Major or Honors Specialization in Astrophysics.

## STATISTICAL AND ACTUARIAL SCIENCES

[www.stats.uwo.ca](http://www.stats.uwo.ca) ▶ Western Science Centre 262 ▶ 519-661-3607

Work with the collection, interpretation and analysis of data, modeling of uncertainty and variation and study the management of financial risk. Applications in finance, insurance and pensions are emphasized.

MODULE	PREREQUISITE COURSES
Honors Specialization in Actuarial Science	Completion of first-year requirements with no failures. Students must have a minimum average of 70% on 3.0 principal courses, with no mark less than 60% in any principal course including: Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%), Mathematics 1600A/B, Economics 1021A/B and Economics 1022A/B; plus 0.5 additional principal course. Recommended (but not required) first year courses: Actuarial Science 1021A/B, Business Administration 1220E, Philosophy 1200. Note: Economics 1021A/B and Economics 1022A/B, if not taken in first year, must be completed in one of the upper years of the program.
Honors Specialization in Financial Modelling	Completion of first-year requirements with no failures. Students must have a minimum average of 70% on 3.0 principal courses, with no mark less than 60% in any principal course including: Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%), plus 2.0 additional principal courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1. Recommended (but not required) first year courses: Economics 1021A/B and Economics 1022A/B, Philosophy 1200, Computer Science 1026A/B and/or 1027A/B.
Honors Specialization in Statistics	Completion of first-year requirements with no failures. Students must have a minimum average of 70% on 3.0 principal courses, with no mark less than 60% in any principal course including: Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%), Mathematics 1600A/B, plus 1.5 additional principal courses. Recommended (but not required) first year courses: Statistical Sciences 1023A/B.
Major in Actuarial Science	Students must have a minimum grade of 60% in 3.0 principal courses including: Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%), Mathematics 1600A/B; Economics 1021A/B and Economics 1022A/B; plus 0.5 additional principal course. Recommended (but not required) first year courses: Actuarial Science 1021A/B, Business Administration 1220E, Philosophy 1200. Note: Economics 1021A/B and Economics 1022A/B, if not taken in first year, must be completed in one of the upper years of the program.
Major in Financial Modelling	Students must have a minimum grade of 60% in 3.0 principal courses including: Calculus 1000A/B, 1100A/B or 1500A/B, and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%), plus 2.0 additional principal courses. Mathematics 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1. Recommended (but not required) first year courses: Economics 1021A/B and Economics 1022A/B, Philosophy 1200, Computer Science 1026A/B.
Major in Applied Statistics	Completion of first-year requirements, including the following: Calculus 1000A/B, 1100A/B or 1500A/B plus Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Mathematics 1600A/B or the former Linear Algebra 1600A/B; 1.0 course from Psychology 1000, Biology 1001A or 1201A, Biology 1002B or 1202B, Sociology 1020; plus 0.5 other principal course, with no mark less than 60% in any of the 3.0 principal courses. Recommended (but not required) first-year courses: Statistical Sciences 1024A/B and/or Statistical Sciences 1023A/B.

\* Applied Mathematics 1413 may be substituted for the 1.0 Calculus course requirement, and Applied Mathematics 1411A/B may be substituted for Mathematics 1600A/B. Mathematics 1600A/B (or Mathematics 1411A/B), if not taken in the first year, must be completed prior to the second term of the second year.

# BACHELOR OF MEDICAL SCIENCES (BMSc) Program

Western Science Centre 191 ▶ 519-661-3040 ▶ Website: [www.uwo.ca/bmsc](http://www.uwo.ca/bmsc)

The Bachelor of Medical Sciences (BMSc) degrees are four-year undergraduate degrees, offered jointly by the Faculty of Science and the Schulich School of Medicine & Dentistry, and are designed for students interested in advanced study in one or more of the Basic Medical Sciences.

Students who are interested in the BMSc program usually register in Biological and Medical Sciences in Year 1. Following successful completion of the appropriate first-year courses, any first-year student may apply for entry into the BMSc program. Registration in the BMSc program is limited and competitive beginning in Year 2, and meeting the minimum admission and progression requirements does not guarantee registration in the program.

## BMSc (Honors) Degree:

The BMSc (Honors) degree must contain one of the following Honors Specializations:

- ▶ Biochemistry
- ▶ Biochemistry and Cell Biology
- ▶ Biochemistry of Infection and Immunity
- ▶ Chemical Biology
- ▶ Clinical Biochemistry
- ▶ Computational Biochemistry
- ▶ Medical Biophysics (Medical Science Concentration)
- ▶ Medical Biophysics (Clinical Physics Concentration)
- ▶ Medical Cell Biology
- ▶ Medical Sciences
- ▶ Microbiology and Immunology
- ▶ Pathology and Toxicology
- ▶ Pharmacology
- ▶ Physiology
- ▶ Physiology and Pharmacology;

OR two of the following Majors:

- ▶ Biochemistry
- ▶ Medical Biophysics
- ▶ Medical Cell Biology
- ▶ Medical Sciences
- ▶ Microbiology and Immunology
- ▶ Pharmacology
- ▶ Physiology

## BMSc Degree:

The BMSc degree must contain one of the following Specializations:

- ▶ Biochemistry
- ▶ Medical Biophysics
- ▶ Medical Sciences
- ▶ Microbiology and Immunology
- ▶ Pathology and Toxicology
- ▶ Pharmacology
- ▶ Physiology
- ▶ Physiology and Pharmacology;

OR two of the following Majors:

- ▶ Biochemistry
- ▶ Medical Biophysics
- ▶ Medical Cell Biology
- ▶ Medical Sciences
- ▶ Microbiology and Immunology
- ▶ Pharmacology
- ▶ Physiology

A Major or Minor module, offered by one of the Basic Medical Science departments, can be taken alone or combined with modules from other faculties to earn degrees such as BA, BHSc or BSc degrees.

## For More Information

Detailed information about the differences between the modules (Honors Specializations as opposed to Specializations) visit [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca). For general advice on which courses to take in Years 1-4, please visit the BMSc website at [www.uwo.ca/bmsc](http://www.uwo.ca/bmsc).

## ANATOMY AND CELL BIOLOGY

[www.uwo.ca/anatomy](http://www.uwo.ca/anatomy) ▶ Medical Sciences Building M443 ▶ 519-661-3014

Modules in Medical Cell Biology are offered by the Department of Anatomy and Cell Biology. Medical Cell Biology consists of the study of humans at the molecular, cellular, tissue and systems level. The modules integrate information from each of these areas to yield an understanding of the relationship between structure and function in the organism as a whole.

MODULE	PREREQUISITE COURSES
Honors Specialization in Medical Cell Biology	Enrollment in this module is limited and competitive and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 70% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Honors Specialization in Biochemistry and Cell Biology	See Biochemistry Department listing.

## Anatomy and Cell Biology *continued*

MODULE	PREREQUISITE COURSES
Major in Medical Cell Biology	A degree containing this module normally requires 4 years for completion. Students must have a mark of at least 60% in the each of the following half courses (which comprise the 3.0 principal courses): Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Minor in Medical Cell Biology	A degree containing this module may require 4 years for completion. Students must have a mark of at least 60% in each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B.
<p>*Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p> <p>**Mathematics list: 1.0 course is required from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413.</p>	

## BIOCHEMISTRY

[www.biochem.uwo.ca](http://www.biochem.uwo.ca) ▶ Medical Sciences Building M342 ▶ 519-661-3074

Biochemistry is the study of the molecules and mechanisms essential to life. An emphasis is placed on an understanding of the structure, function, and regulation of biomolecules as they relate to the molecular basis of disease. Training involves the application of state-of-the-art approaches and equipment to the many diverse areas of modern biochemistry that includes molecular genetics, structural biology, signal transduction, and bioinformatics.

MODULE	PREREQUISITE COURSES
Honors Specialization in Biochemistry Honors Specialization in Biochemistry and Cell Biology Honors Specialization in Biochemistry of Infection and Immunity Honors Specialization in Chemical Biology Honors Specialization in Clinical Biochemistry	Enrollment in any of these modules is limited and competitive, and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 70% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below** (exception: Honors Specialization in Chemical Biology+). The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Honors Specialization in Computational Biochemistry	Enrollment in this module is limited and competitive and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 75% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B, Applied Mathematics 1201A/B or Applied Mathematics 1413. The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Honors Specialization in Biochemistry and Chemistry	See Chemistry Department listing. Offered only within a BSc (Honors) degree.
Honors Specialization in Genetics and Biochemistry	See Biology Department listing. Offered only within a BSc (Honors) degree.
Major in Biochemistry	A degree containing this module normally requires 4 years for completion. Students must have a mark of at least 60% in the each of the following half courses (which comprise the 3.0 principal courses): Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Specialization in Biochemistry	Enrollment in this module requires registration in the BMSc program. Students must have a mark of at least 60% in the each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413. The following must be completed by the end of Year 2, with no mark less than 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Minor in Biochemistry	A degree containing this module normally requires 4 years for completion. Students must have a mark of at least 60% in each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B. 1.0 course from the Mathematics list below** is also required for admission to the Minor.

MODULE	PREREQUISITE COURSES
	<p>*Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p> <p>**Mathematics list: 1.0 course is required from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413.</p> <p>+Honors Specialization in Chemical Biology requires 1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B plus one of Applied Mathematics 1201A/B, Calculus 1301A/B, 1501A/B, or Mathematics 1600A/B; or Applied Mathematics 1413; or Mathematics 1225A/B and either Mathematics 1229A/B or Applied Mathematics 1201A/B.</p>

**MEDICAL BIOPHYSICS**     [www.uwo.ca/biophysics](http://www.uwo.ca/biophysics)   ▶   Medical Sciences Building M407   ▶   519-661-3053

Students will learn about the physics of biological tissues and structures, with examples mainly from cardiovascular biophysics, orthopedic mechanics, and cancer. The underlying theme is the integration of basic concepts from physics and mathematics into the subject area of biology. Courses and laboratory studies include the frontiers of medical and diagnostic imaging, and intravital microscopy for exploring the circulation. Honors Specialization modules provide an opportunity for hands-on participation in world-class biomedical research.

MODULE	PREREQUISITE COURSES
<b>Four-Year BSc Honors or BMSc Honors Medical Biophysics</b>	Students completing either an Honors Specialization in Medical Biophysics (Medical Science Concentration) or Medical Biophysics (Clinical Physics Concentration) will graduate with a BMSc (Honors) degree. Students completing an Honors Specialization in Medical Biophysics (Physical Science Concentration) will graduate with a BSc (Honors) degree.
<b>Honors Specialization in Medical Biophysics (Medical Science Concentration)</b>	Enrollment in this module is limited and competitive, and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 70% in the following 4.0 principal courses with no mark less than 60% in any of the individual half courses: 1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 0.5 course from Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B; 0.5 course from Physics 1029A/B, 1302A/B, 1402A/B or 1502A/B*; Chemistry 1100A/B and 1200B; Biology 1001A and 1002B** (may be deferred until Year 2).
<b>Honors Specialization in Medical Biophysics (Clinical Physics Concentration)</b>	Enrollment in this module is limited and competitive, and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 75% in the following 4.0 principal courses with no mark less than 60% in any of the individual half courses: 1.0 from Calculus 1000A/B or 1100A/B or 1500A/B, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 0.5 course from Physics 1301A/B, 1401A/B, or 1501A/B; 0.5 course from Physics 1302A/B, 1402A/B, or 1502A/B; Chemistry 1100A/B and 1200B; Biology 1001A and 1002B**
<b>Honors Specialization in Medical Biophysics (Physical Science Concentration)</b>	This module can be completed only within a BSc (Honors) degree. Students must successfully complete first year and have an average of at least 70% in the following 4.0 principal courses with no mark less than 60% in any of the individual half courses: 1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 0.5 course from Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B; 0.5 course from Physics 1029A/B, 1302A/B, 1402A/B or 1502A/B*; Chemistry 1100A/B and 1200B; Biology 1001A and 1002B** (may be deferred until Year 2).
<b>Major in Medical Biophysics Minor in Medical Biophysics</b>	Students must have a mark of at least 60% in the each of the following half courses (which comprise the 4.0 principal courses): 1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 0.5 course from Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B; 0.5 course from Physics 1029A/B, 1302A/B, 1402A/B or 1502A/B*; Chemistry 1100A/B and 1200B; Biology 1001A and 1002B** (may be deferred until Year 2).
<b>Specialization in Medical Biophysics</b>	Enrollment in this module requires registration in the BMSc program. Students must have a mark of at least 60% in the each of the following half courses: 1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 0.5 course from Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B; 0.5 course from Physics 1029A/B, 1302A/B, 1402A/B or 1502A/B*; Chemistry 1100A/B and 1200B; Biology 1001A and 1002B** (may be deferred until Year 2).
<p>*The combination of either Physics 1301A/B and 1302A/B or 1501A/B and 1502A/B is preferred for students interested in an Honors Specialization module in Medical Biophysics.</p> <p>**Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p>	

**MEDICAL SCIENCES**     [www.uwo.ca/bmsc](http://www.uwo.ca/bmsc)   ▶   Medical Sciences Building M138   ▶   519-661-3169

The Medical Sciences modules are interdisciplinary, and are administered and sponsored by the Faculty of Science and the Schulich School of Medicine & Dentistry. The modules in Medical Sciences provide an opportunity to learn and understand the interrelationships between basic science and its application in the clinical medical sciences, as discoveries move from the bench to the bedside. Medical Sciences modules give students the flexibility to study two or more basic medical science disciplines, as they have access to courses offered by all the basic medical science departments.

MODULE	PREREQUISITE COURSES
Honors Specialization in Medical Sciences	Enrollment in this module is limited and competitive, and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 70% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Major in Medical Sciences	Students must have a mark of at least 60% in the each of the following half courses (which comprise the 3.0 principal courses): Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Specialization in Medical Sciences	Enrollment in this module requires registration in the BMSc program. Students must have a mark of at least 60% in the each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Minor in Medical Sciences	Students must have a mark of at least 60% in each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B.
Combined Honors BMSc/HBA	Students apply for the combined degree program during the first year of the HBA (HBA1). To be eligible for admission to the combined degree program, students must achieve a minimum weighted rounded average of 78% in HBA1. Students must complete the admission requirements for entry into the Honors Specialization in Medical Sciences, as well as Business Administration 2257 and specific senior courses chosen from the Honors Specialization in Medical Sciences. Students must attain a minimum two-year average (10.0 credits) of 80%, a minimum mark of 70% in Business Administration 2257, a minimum mark of 60% in any option course and must satisfy the minimum progression requirements for the Honors Specialization in Medical Sciences. Enrollment in the combined degree program is limited and competitive.
<p>*Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p> <p>**Mathematics list: 1.0 course is required from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413.</p>	

## MICROBIOLOGY AND IMMUNOLOGY

[www.uwo.ca/mni](http://www.uwo.ca/mni) ▶ Dental Sciences 3014 ▶ 519-661-3427

Microbiology and Immunology is a multidisciplinary field that examines the interaction between microorganisms and their host. Major topics covered are the biology and disease-causing potential of bacteria and viruses, and how the immune system protects us from infectious microorganisms and cancer, but can also lead to autoimmune diseases. Under these broad themes, the undergraduate program in Microbiology and Immunology will provide students with a comprehensive understanding of the molecular and cellular biology of infection and immunity.

MODULE	PREREQUISITE COURSES
Honors Specialization in Microbiology and Immunology	Enrollment in this module is limited and competitive, and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 70% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Honors Specialization in Biochemistry of Infection and Immunity	See Biochemistry Department listing.
Major in Microbiology and Immunology	A degree containing this module normally requires 4 years for completion. Students must have a mark of at least 60% in the each of the following half courses (which comprise the 3.0 principal courses): Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.

MODULE	PREREQUISITE COURSES
Specialization in Microbiology and Immunology	Enrollment in this module requires registration in the BMSc program. Students must have a mark of at least 60% in the each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Minor in Microbiology and Immunology	Students must have a mark of at least 60% in each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B.
<p>*Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p> <p>**Mathematics list: 1.0 course is required from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413.</p>	

## PATHOLOGY

[www.uwo.ca/pathol](http://www.uwo.ca/pathol) ▶ Dental Sciences Building 4044 ▶ 519-661-2030

Building on a foundation of anatomy, biochemistry, cell biology and physiology, and the understanding of normal mammalian systems, students move on to pathology -- the study of human disease. Basic mechanisms underlying disease are investigated with an in-depth look at some of the major organ disorders (e.g., cardiovascular disease, kidney disease, neuropathology). Complemented by the study of toxicology, (the effects of drugs, chemical, and biological toxins on mammalian systems), those hazards in the workplace and the environment that lead to illness and disease are also examined.

MODULE	PREREQUISITE COURSES
Honors Specialization in Pathology and Toxicology	Enrollment in this module is limited and competitive, and requires registration in the BMSc program. Students must successfully complete first year and have an average of at least 70% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Specialization in Pathology and Toxicology	Enrollment in this module is limited and requires registration in the BMSc program. Students must have a mark of at least 60% in the each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
<p>*Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p> <p>**Mathematics list: 1.0 course is required from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413.</p>	

## PHYSIOLOGY AND PHARMACOLOGY

[www.uwo.ca/physpharm](http://www.uwo.ca/physpharm) ▶ Medical Sciences Building M216 ▶ 519-661-3460

### Physiology

Learn how complex cells work together to produce an integrated whole. Physiology courses and research span the whole spectrum of living organisms, from events at the molecular level to integrated responses of the whole animal. Physiology is an excellent background for disciplines such as medicine, dentistry, nursing, kinesiology, physical therapy and chiropractic medicine.

### Pharmacology

Study how drugs act on biological systems to modify normal physiological functions. Understand the range of targets for drug action and the therapeutic uses of some important drugs. Discover the adverse effects of both drugs and chemicals on humans and other biological systems, and learn how technology is an integral part of risk/safety evaluation.

MODULE	PREREQUISITE COURSES
Honors Specialization in Pharmacology Honors Specialization in Physiology Honors Specialization in Physiology and Pharmacology	Enrollment in any of these modules is limited and competitive, and requires registration in the BSc program. Students must successfully complete first year and have an average of at least 70% in the following 3.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with no mark less than 60% in either half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Honors Specialization in Physiology and Psychology	Enrollment in this module is limited and can be completed only within a BSc (Honors) degree. Students must successfully complete first year and have an average of at least 70% in the following 5.0 principal courses with no mark less than 60% in any of the individual half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; 1.0 course from the Mathematics list below**; 1.0 course from: Psychology 1000, 1100E, or the former 1200; 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year (may be deferred until Year 2).
Major in Pharmacology Major in Physiology	A degree containing either of these modules normally requires 4 years for completion. Students must have a mark of at least 60% in the each of the following half courses (which comprise the 3.0 principal courses): Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Specialization in Pharmacology Specialization in Physiology Specialization in Physiology and Pharmacology	Enrollment in any of these modules requires registration in the BSc program. Students must have a mark of at least 60% in the each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B; and 1.0 course from the Mathematics list below**. The following must be completed by the end of Year 2, with a mark of at least 60% in each half course: 0.5 course from Physics 1028A/B, 1301A/B, or 1501A/B; and 0.5 course from Physics 1029A/B, 1302A/B, or 1502A/B. It is recommended that the two half courses in Physics be taken in the Fall and Winter terms of the same academic year.
Minor in Pharmacology	Students must have a mark of at least 60% in each of the following half courses: Biology 1001A and 1002B*; Chemistry 1100A/B and 1200B.
<p>*Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.</p> <p>**Mathematics list: 1.0 course is required from Calculus 1000A/B or 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, or Applied Mathematics 1413.</p>	

# FACULTY OF SOCIAL SCIENCE

Established 1968 ▶ Social Science Centre ▶ 519-661-2053 ▶ Website: [www.ssc.uwo.ca](http://www.ssc.uwo.ca)

Dean: Brian Timney

Associate Deans: Andrew Nelson, Joan Finegan and Jerry White

## Academic Counselling

Social Science Academic Counselling Office 2105 SSC

Student Centre 2114 SSC

Email: [ssaco@uwo.ca](mailto:ssaco@uwo.ca); Website: [www.counselling.ssc.uwo.ca](http://www.counselling.ssc.uwo.ca)

Recorded Message 519-661-2052

519-661-2011; Fax: 519-661-3384

9:30 am-4:00 pm (Sept-Apr); 9:30 am-3:30 pm (Summer)

The Academic Counselling Office operates on a drop-in basis. Out-of-town visitors should call ahead to ensure that counselling will be available on a particular day. Appointments can be arranged.

## Admission Requirements

### Required

Six Grade 12U or M level courses including:

- ▶ Grade 12U English (ENG4U)

*Notes: For many Social Science programs, including Management and Organizational Studies, Economics, Geography, Psychology and Sociology, a background in Mathematics is recommended or required. Students without Grade 12U Mathematics can upgrade their background by taking an appropriate Mathematics course at Western. Please review the program requirements and the descriptions for Mathematics courses carefully.*

1. Two of Advanced Functions (MHF4U), Calculus and Vectors (MCV4U) or Math of Data Management (MDM4U) are required for admission to Management and Organizational Studies
2. Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) and/

or Math taken at University are necessary for Economics Programs.

3. All Specializations and Majors in Psychology require a University Math course. Therefore, Advanced Functions (MHF4U) is highly recommended.
4. For Geography and Sociology Grade 12U level Mathematics would be helpful.

## Three-Year, Four-Year and Honors Degrees

General admission and progression requirements for 3-year, 4-year and Honors degrees are listed in the Academic Information section.

## Degrees and Diplomas Offered

- ▶ Honors Bachelor of Arts Degree (4-year)
- ▶ Honors Bachelor of Management and Organizational Studies Degree (4-year)
- ▶ Honors Bachelor of Science Degree (4-year)
- ▶ Bachelor of Arts Degree (4-year)
- ▶ Bachelor of Management and Organizational Studies (4-year)
- ▶ Bachelor of Arts Degree (3-year)
- ▶ Diploma in Accounting
- ▶ Diploma in Not-For-Profit Management
- ▶ Diploma in Occupational Health and Safety

## Graduate Programs

- ▶ Master of Arts (MA)
- ▶ Master of Public Administration (MPA)
- ▶ Master of Science (MSc)
- ▶ Doctor of Philosophy (PhD)

# DAN MANAGEMENT AND ORGANIZATIONAL STUDIES

Website: [www.dan.uwo.ca](http://www.dan.uwo.ca) ▶ Email: [mos@uwo.ca](mailto:mos@uwo.ca) ▶ Social Science Centre 3207 ▶ 519-661-2051 ▶ Fax: 519-850-2386

A unique program of its kind in Canada, the DAN Management and Organizational Studies Program is a four-year interdisciplinary program combining management and social science courses using an evidence-based management approach and drawing on social science methodologies.

The DAN Program will help you to develop valuable skills in accounting, finance, consumer behavior and marketing, operations management, human resource management, and strategic management. Learn how the social sciences inform our understanding of human behavior, society, and social interactions -- essential tools in today's global marketplace. The Degree provides a solid foundation for those interested in earning the CA, CMA, CGA or CHRP professional designations after graduation.

## Admission Requirements

### Required

Six Grade 12U or M level courses including:

- ▶ Grade 12U English (ENG4U)
- ▶ Two of: Grade 12U Advanced Functions (MHF4U), Calculus and Vectors (MCV4U), or Math of Data Management (MDM4U)\*

### Recommended

- ▶ Grade 12U Physics (SPH4U) is strongly recommended for the Commercial Aviation Management Module

Enrollment is limited. Possession of minimum requirements does not guarantee admission.

Students may not apply into any of the DAN modules when they apply for admission to the University. After first year, students registered in DAN may apply to a BMOS Specialization (BMOS Four-Year Degree) if a 65% cumulative average is attained. After first year, students registered in DAN who wish to apply to the BMOS Honors Degree (Honors Specialization or Double Major) must meet the Admission Requirements for the module they wish to apply to. BMOS students applying to transfer from an Affiliated University College may apply with the stated first-year course requirements from that college and must meet Admission Requirements.

*\*Note: Students admitted without Calculus should be aware that to enroll in certain courses/modules they may be required to take Mathematics 0110A/B or Calculus 1100A/B. When considering a course/module in another discipline, please check the Mathematics requirement(s). Students are responsible for ensuring they have completed the Mathematics and other entry requirements and prerequisites of the modules/courses they wish to take at particular course/module.*

# MANAGEMENT AND ORGANIZATIONAL STUDIES HONORS

The essential modules in the 20.0 course Bachelor of Management and Organizational Studies (BMOS) HONORS DEGREE must include either an HONORS SPECIALIZATION OR DOUBLE MAJOR. The Honors Double Major must include one of the five Majors in combination with another Major module from a discipline other than Management and Organizational Studies.

## Honors Specialization

Enrollment in the BMOS Honors Specialization modules is limited. Meeting of minimal requirements does not guarantee admission. The four-year BMOS WITH HONORS SPECIALIZATION must include one of the following five Honors Specialization modules.

After first year, students may apply for admission upon completion of first-year requirements with no failures. Students must have an average of at least 73% on, and no grade less than 60% in, the 3.0 principal courses.

MODULE	PREREQUISITE COURSES
Honors Specialization in Accounting	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999 (Computer 1032A/B is highly recommended); Additional first-year courses: 1.0 course Economics 1021A/B and 1022A/B; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Political Science, Psychology, Sociology, Women's Studies.
Honors Specialization in Consumer Behavior	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999; Additional first-year courses: 1.0 course from: Psychology 1000; Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, Women's Studies
Honors Specialization in Finance for Management and Organizational Studies	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B*, 1100A/B*, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999; Note: *Students considering the Honors Specialization in Finance for MOS are required to complete either Calculus 1000A/B or 1100A/B prior to taking Economics 2222A/B. Additional first-year courses: 1.0 course: Economics 1021A/B and 1022A/B. 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Political Science, Psychology, Sociology, Women's Studies.
Honors Specialization in Human Resource Management	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999; Additional first-year courses: 1.0 course: Psychology 1000; 1.0 course numbered 1000-1999 from: Anthropology, Economics, Geography, History, Political Science, Sociology, Women's Studies.
Honors Specialization in Commercial Aviation Management	3.0 principal courses: 1.5 courses: MOS 1021A/B, 1022F/G and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course from: Economics 1021A/B and 1022A/B; 1.5 course: numbered 1000-1999; Additional first-year courses: Psychology 1000; Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Physics 1021, 1301A/B and 1302A/B, 1501A/B and 1502A/B*, Political Science, Psychology, Sociology, Women's Studies; Note: *Students completing the Flight Training option must have completed Grade 12U Physics or 1.0 Physics from the list above prior to their second year of study.

## Honors Double Major

Enrollment in the BMOS Honors Double Major modules is limited. Meeting of minimal requirements does not guarantee admission. The four-year BMOS HONORS DOUBLE MAJOR must include one of the following five Major modules **in combination with another Major module from a discipline other than Management and Organizational Studies.**

After first year, students may apply for admission upon completion of first-year requirements with no failures. Students must have an average of at least 70% on, and no grade less than 60% in, the 3.0 principal courses.

MODULE	PREREQUISITE COURSES
Major in Accounting	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999 (Computer 1032A/B is highly recommended); Additional first-year courses: 1.0 course: Economics 1021A/B and 1022A/B; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Political Science, Psychology, Sociology, Women's Studies.
Major in Consumer Behavior	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999; Additional first-year courses: 1.0 course from: Psychology 1000; Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, Women's Studies.
Major in Finance for Management and Organizational Studies	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B*, 1100A/B*, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: numbered 1000-1999; Note: *Students considering the Honors Specialization in Finance for MOS or an Honors Double Major with Economics are required to complete either Calculus 1000A/B or 1100A/B prior to taking Economics 2222A/B; Additional first-year courses: 1.0 course: Economics 1021A/B and 1022A/B; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Political Science, Psychology, Sociology, Women's Studies.

Major in Human Resource Management	3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600AB; 1.0 course: numbered 1000-1999; Additional first-year courses: 1.0 course: Psychology 1000*, Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Economics, Geography, History, Political Science, Sociology, Women's Studies. Note: *Students interested in pursuing an Honors Specialization in Human Resource Management will be required to take Psychology 1000.
Major in Commercial Aviation Management	3.0 principal courses: 1.5 courses: MOS 1021A/B, 1022F/G and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course from: Economics 1021A/B and 1022A/B; 1.5 course: numbered 1000-1999; Additional first-year courses: Psychology 1000; Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Physics 1021, 1301A/B and 1302A/B, 1501A/B and 1502A/B*, Political Science, Psychology, Sociology, Women's Studies; Note: *Students completing the Flight Training option must have completed Grade 12U Physics or 1.0 Physics from the list above prior to their second year of study.

## MANAGEMENT AND ORGANIZATIONAL STUDIES SPECIALIZATION (FOUR-YEAR)

The essential module in the 20.0 course Bachelor of Management and Organizational Studies (BMOS) FOUR-YEAR DEGREE is a SPECIALIZATION. After first year, students in BMOS may enter a BMOS SPECIALIZATION if they earned a 65% cumulative average. Students in other programs may enter a BMOS SPECIALIZATION, if they have:

- achieved an overall average of 70% on the last 5.0 courses;
- a cumulative average of 65%

MODULE	PREREQUISITE COURSES
Specialization in Accounting	1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Political Science, Psychology, Sociology, Women's Studies; 1.0 course: numbered 1000- 1999 (Computer 1032A/B is highly recommended)
Specialization in Consumer Behavior	1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course from: Psychology 1000; Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, Women's Studies; 1.0 course: numbered 1000-1999
Specialization in Finance for Management and Organizational Studies	1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B*, 1100A/B*, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B; 1.0 course numbered 1000-1999 from: Anthropology, Geography, History, Political Science, Psychology, Sociology, Women's Studies; 1.0 course: numbered 1000-1999; Note: *Students considering the Honors Specialization in Finance for MOS or an Honors Double Major with Economics are required to complete either Calculus 1000A/B or 1100A/B prior to taking Economics 2222A/B.
Specialization in Human Resource Management	1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600AB; 1.0 course: Psychology 1000, Sociology 1020 or 1021E; 1.0 course numbered 1000-1999 from: Anthropology, Economics, Geography, History, Political Science, Sociology, Women's Studies; 1.0 course: numbered 1000-1999. Note: *Students interested in pursuing an Honors Specialization in Human Resource Management will be required to take Psychology 1000.
Specialization in Commercial Aviation Management	1.5 courses: MOS 1021A/B, 1022F/G and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course from: Economics 1021A/B and 1022A/B; Psychology 1000; Sociology 1020 or 1021E; 1.5 course numbered 1000-1999 from: Anthropology, Geography, History, Physics 1021, 1301A/B and 1302A/B, 1501A/B and 1502A/B*, Political Science, Psychology, Sociology, Women's Studies; 0.5 course: numbered 1000-1999; Note: *Students completing the Flight Training option must have completed Grade 12U Physics or 1.0 Physics from the list above prior to their second year of study.

## AMERICAN STUDIES

<http://cas.uwo.ca> ▶ Social Science Centre 1003 ▶ 519-661-3938

American Studies is an interdisciplinary program which explores literature, history, cultural criticism, politics, government, music, and the visual arts in an effort to better understand how Americans have understood and argued about the meaning and significance of their national identity.

MODULE	PREREQUISITE COURSES
Honors Specialization in American Cultural Studies Honors Specialization in Canadian-American Relations	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 60%: American Studies 1020, History 1701E, Political Science 1020E, and/or one of English 1020E, 1022E or 1024E.

MODULE	PREREQUISITE COURSES
Major in American Studies Minor in American Studies	Completion of first-year requirements, including American Studies 1020 and 1.0 course from the following with a mark of at least 60% in each: History 1701E, Political Science 1020E, English 1020E, 1022E or 1024E. (Additional course is strongly recommended.)

## ANTHROPOLOGY

<http://anthropology.uwo.ca> ▶ Social Science Centre 3326 ▶ 519-661-3430

Anthropologists aim to understand human diversity through studying archaeology (past societies and their material remains), biological anthropology (human evolution and close biological relatives), sociocultural anthropology (historical and modern cultures) and linguistic anthropology (the relationship between language and culture). Some examples of anthropological study include forensics, the environmental impact of economic globalization, the plight of refugees in the Middle East and Africa, and diseases and public health policy in the Ecuadorian Andes. Teaching facilities include archaeology and biology labs, access to collections and personnel at the London Museum of Archaeology, an extensive collection of fossil casts and and comparative skeletal samples, including an Egyptian mummy donated by the Royal Ontario Museum

MODULE	PREREQUISITE COURSES
Honors Specialization in Anthropology	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the 3.0 principal courses, including either Anthropology 1025F/G and one of Anthropology 1026F/G or 1027A/B; or Anthropology 1020E plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in Linguistic Anthropology	Anthropology 1025F/G and 1027A/B with a mark of at least 60% in each course.
Major in Sociocultural Anthropology	Completion of first-year requirements, including Anthropology 1025F/G and one of Anthropology 1026F/G or 1027A/B; or Anthropology 1020E with a mark of at least 60% in each course.
Major in Bioarchaeological Anthropology	Completion of first-year requirements, including either Anthropology 1025F/G and 1026F/G or 1020E with a mark of at least 60% in each course.
Specialization in Anthropology Minor in Anthropology	Completion of first-year requirements, including Anthropology 1025F/G and one of Anthropology 1026F/G or 1027A/B; or Anthropology 1020E with a mark of at least 60% in each course.
Minor in Environment and Culture	Completion of first-year requirements, including any first-year Arts and Humanities or Social Science 1.0 or 0.5 essay course.
Minor in Refugee and Migrant Studies	Completion of first-year requirements, including any of Anthropology 1020E, 1025F/G, Geography 1100, 1400F/G, 1500F/G, Centre for Global Studies 1000E, Political Science 1020E or Sociology 1020, 1021E.

## ECONOMICS

<http://economics.uwo.ca> ▶ Social Science Centre 4071 ▶ 519-661-3500

Economists study how individuals and societies allocate resources among alternative uses. Study ranges from research on how individuals make decisions, to the analysis of global economic policy initiatives. Students in economics study levels and types of government expenditure, causes of unemployment, the structure of international trading systems and international financial markets, the workings of the monetary and banking system, regulation of firms and antitrust policy, and growth and development of national economies.

### Specific Program Admission Requirements

Grade 12U Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) are required for the minor in Economics. Grade 12U Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) and university-level Calculus is required for the other modules in Economics.

MODULE	PREREQUISITE COURSES
Honors Specialization in Economics	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark less than 60% in 3.0 principal courses, including an average of at least 70% with no mark less than 60% in the following 2.5 courses: Economics 1021A/B and Economics 1022A/B, or Economics 1020; 0.5 course from Calculus 1000A/B or Calculus 1100A/B; and Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%) and Mathematics 1600A/B or the former Linear Algebra 1600A/B. Economics 1021A/B and 1022A/B (or Economics 1020), and Calculus 1000A/B or Calculus 1100A/B must be completed before admission to the module. Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%) and Mathematics 1600A/B or the former Linear Algebra 1600A/B can be taken after entering the module, but must be completed by the end of the second year in the module.
Honors Specialization in Economics, Politics and Philosophy	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark less than 60% in 3.0 principal courses, including the following 2.5 courses: Economics 1021A/B and 1022A/B or Economics 1020; Political Science 1020E; and Calculus 1000A/B or Calculus 1100A/B. Students can enter the module without Political Science 1020E, but they must complete this course by the end of Year 2.
Honors Specialization in Global Economics	Completion of first-year requirements with no failures. Students must have an average of 70% with no mark less than 60% in 3.0 principal courses, including an average of at least 70% with no grades less than 60% in the following 1.5 courses: Economics 1021A/B and 1022A/B or Economics 1020; and 0.5 course from Calculus 1000A/B or Calculus 1100A/B.
Major in Economics Major in Financial Economics	Completion of first-year requirements, including the following 1.5 courses with an average of 70% and no mark less than 60%: Economics 1021A/B and 1022A/B or Economics 1020; and 0.5 course from: Calculus 1000A/B, 1100A/B.

MODULE	PREREQUISITE COURSES
Specialization in Economics	Completion of first-year requirements including: Economics 1021A/B and 1022A/B or 1020 with a grade of at least 60%. Students who fail to meet the 60% in Economics 1021A/B and 1022A/B or 1020 may take a Specialization if they have a grade of at least 60% in each of Economics 2150A/B and 2152A/B. (Students should note the mathematics requirements for some of the courses required in the module.)
Minor in Economics	Completion of first-year requirements, including Economics 1021A/B and 1022A/B or Economics 1020 with a grade of at least 60%. Students who fail to meet the 60% in Economics 1021A/B and 1022A/B or Economics 1020 may take a Minor module if they have a grade of at least 60% in each of Economics 2150A/B and 2152A/B. (Students should note the mathematics requirements for some of the courses required in the module.)
HBA/Economics Combined Degree Program	To be eligible for consideration for admission to the combined program, in the first two years students must complete a minimum of 10.0 courses including Business Administration 2257. In Year 1, they must complete the admission requirements as specified in the current academic calendar for entry into an Honors Specialization module offered by the Department of Economics.

## FIRST NATIONS STUDIES

[www.firstnationsstudies.uwo.ca](http://www.firstnationsstudies.uwo.ca) ▶ Social Science Centre 3255 ▶ 519-661-2111 x 86429

This interdisciplinary program explores the role of First Nations peoples in Canadian society, focusing on the Hidenosaunee (Iroquoian) and Anishnaabe (Ojibwe, Delaware, Potawatomi) traditions of southwestern Ontario. The program engages political, legal, cultural and linguistic perspectives on the First Nations through the standpoints and voices of First Nations people.

MODULE	PREREQUISITE COURSES
Honors Specialization in First Nations Studies	Students must have an average of at least 70% in 3.0 principal courses, including First Nations 1020E, plus 2.0 additional courses, with no mark in these principal courses below 60%. Anthropology 1025F/G and 1026F/G are recommended in first year.
Major in First Nations Studies Minor in First Nation Studies	Completion of first-year requirements, including First Nations Studies 1020E with a mark of at least 60%. Anthropology 1025F/G and 1026F/G are recommended in first year.

## GEOGRAPHY

[www.geography.uwo.ca](http://www.geography.uwo.ca) ▶ Social Science Centre 2322 ▶ 519-661-3423

Geography is the study of the way the world works. Geographers address some of today's most pressing social and environmental issues through research that links human activity and natural systems. Geographers are interested in the phenomena and processes that form the physical environment as well as the social, cultural, political and economic forces that shape human landscapes. At Western, our broad-based program provides students with training in both the social and physical science of geography as well as techniques such as GIS and remote sensing that are essential to answering geographical questions. Students participate in field trips and undergraduate research projects at the frontiers of social science and environmental science.

MODULE	PREREQUISITE COURSES
Honors Specialization in Geography - BA	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from Geography 1100, 1300A/B, 1400F/G, 1500F/G; 2.0 additional courses, with no mark in these principal courses below 60%.
Honors Specialization in Geography - BSc	Completion of first-year requirements, including 1.0 course from: Geography 1100, 1300A/B, 1400F/G, or 1500F/G (with Geography 1300A/B recommended) and 3.0 courses from the Faculty of Science, not including Applied Mathematics 1201A/B, Astronomy 1021, Biology 1225, 1229F/G, 1290B, Chemistry 1027A/B, Computer Science 1032A/B and Physics 1021. Students must have an average of at least 70% in the Geography requirement and 2.0 courses from the Faculty of Science, with no mark in these principal courses below 60%.
Honors Specialization in Geographic Information Science - BA	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from Geography 1100, 1300A/B, 1400F/G, or 1500F/G; plus 2.0 additional courses, with no mark in these principal courses below 60%.
Honors Specialization in Geographic Information Science - BSc	Students must have an average of at least 70% in the following 2.0 courses; plus 1.0 additional course, with no mark in these principal courses below 60%: 1.0 course from: Geography 1100, 1300A/B, 1400F/G, 1500F/G; 1.0 course from: Applied Mathematics 1413, Calculus 1000A/B, 1301A/B, or 1501A/B; Computer Science 1025A/B, 1026A/B; Mathematics 1600A/B. Students must also complete 3.0 courses from the Faculty of Science, not including Applied Mathematics 1201A/B, Astronomy 1021; Biology 1225, 1290B; Computer Science 1032A/B and Physics 1021.
Honors Specialization in Urban Development - BA	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 60%: 1.0 course from: Geography 1100, 1300A/B, 1400F/G, or 1500F/G; 1.0 course from: Economics 1021A/B and 1022A/B, or Economics 1020; and 1.0 additional course. If 2100 level Economics courses are selected in the module, MCV4U or Mathematics 0110A/B is required for registration; if senior Sociology courses are selected, either Sociology 1020 or 1021E is required. Students are strongly recommended to include in their first year course selection 1.0 course from Category B and 1.0 from Category C in order to meet the breadth requirements for their degree.

## Geography *continued*

MODULE	PREREQUISITE COURSES
Major in Geography Major in Geographic Information Sciences	Completion of first-year requirements, including 1.0 course from: Geography 1100, 1300A/B, 1400F/G, or 1500F/G with a mark of at least 60% in each Geography course.
Major in Physical Geography	Completion of first-year requirements, including 1.0 course from the following with a minimum of 60% in the courses taken: Geography 1100, 1300A/B, 1400F/G, 1500F/G, Earth Sciences 1022A/B, 1023A/B, Environmental Science 1021F/G, Biology 1001A, 1201A, 1002B, 1202B.
Minor in Geography	Completion of first-year requirements, including 1.0 course from: Geography 1100, 1300A/B, 1400F/G, or 1500F/G with a mark of at least 60% in each Geography course. Students should consult with the Department prior to admission. This module may not be combined with any other Geography module.

## HISTORY

<http://history.uwo.ca> ▶ Lawson Hall 2201 ▶ 519-661-3645

In History, you can take courses on a particular nation or region such as Canada, the United States, Europe, Asia, Latin America and the Middle East. Courses are organized around particular themes, including culture, gender, warfare, health and disease, politics, business and law.

MODULE	PREREQUISITE COURSES
Honors Specialization in History	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including: 1.0 course from: History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, 1805E or 1810E and 2.0 additional courses, with no mark in these principal courses below 60%.
Major in History Minor in History Specialization in History	Completion of first-year requirements, including 1.0 course from: History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, 1805E or 1810E with a minimum mark of 60%.
Combined BA in Honors Specialization History/JD Program	Applicants to the combined program must apply to the Faculty of Law following their admission in Honors Specialization in History and in advance of the application deadline established by the Faculty. To be considered for admission to the combined program, students must: (i) have completed first year University with an overall minimum average of 80% and obtained at least 80% in one of History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, 1805E or 1810E; (ii) have completed second year (first year Honors History) with an overall minimum average of 80% and obtain a minimum of 80% in one of History 2201E, 2203E, 2205E; (iii) meet the minimum LSAT requirements established by the Faculty of Law; and (iv) be admitted to the Faculty of Law. Meeting the minimum admission requirements does not guarantee a position in the combined program. Entrance into the combined program is competitive and limited.

## INTERNATIONAL RELATIONS

<http://history.uwo.ca/internationalrelations/> ▶ Social Science Centre 4328 ▶ 519-661-3645

International Relations is an interdisciplinary module that brings together historical and political science approaches to examine the multiple ways in which peoples, ideas, institutions, and states interact in a global setting. Students are advised to consult either the Department of History or the Department of Political Science for more detailed information regarding the programs in International Relations

MODULE	PREREQUISITE COURSES
Honors Specialization in International Relations	Completion of first year requirements with no failures. Students must have an average of at least 75% in 3.0 principal courses, including a minimum grade of 75% in each of Political Science 1020E and 1.0 course in History numbered 1000-1999, and a minimum grade of 60% in any other principal course. Enrollment in this module is limited.

## JEWISH STUDIES

<http://history.uwo.ca/jewishstudies>

These interdisciplinary modules examine the religious, social, economic, and cultural developments of Judaism and Jewish life, as well as relationships between Jews and other communities. Students can take courses in History, Religious Studies, Hebrew, Philosophy, Political Science, Women's Studies, Film Studies, and Media, Information and Technoculture.

MODULE	PREREQUISITE COURSES
Major in Jewish Studies Minor in Jewish Studies	Completion of first-year requirements, with a minimum mark of 60% in each course and no failures. (Modules are offered jointly by Huron, King's and Main Campus)

Latin American Studies is an interdisciplinary module that examines Latin American society, institutions, culture, and history.

MODULE PREREQUISITE COURSES	
Minor in Latin American Studies	Completion of first year requirements.

**POLITICAL SCIENCE** [www.politicalscience.uwo.ca](http://www.politicalscience.uwo.ca) ▶ Social Science Centre 4154 ▶ 519-661-3266

Political Science involves how communities make collective decisions. You can study ideas, activities and problems associated with the governance of nations, states, and societies past and present. Learn about the impact of globalization on the nation state, the making of American foreign policy, the role of the courts in politics, political development in the Muslim world, and the multilevel governance of Canadian cities.

MODULE	PREREQUISITE COURSES
Honors Specialization in Political Science	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Political Science 1020E; plus 2.0 additional courses with no mark in these principal courses less than 60%. Enrollment in this module is limited. Meeting the minimum requirements does not guarantee that students wishing to transfer into this module will be offered enrollment.
Major in Political Science Minor in Political Science	Completion of first-year requirements, including Political Science 1020E with a mark of at least 60%.
Combined BA in Honors Specialization Political Science/JD Program	Students must: (i) have completed first-year University with an overall minimum average of 80% and obtained at least 80% in Political Science 1020E; (ii) have completed second year (first-year Honors Specialization Political Science) with an overall minimum average of 80% and obtained a minimum of 80% in Political Science 2230E; (iii) meet the minimum LSAT requirements established by the Faculty of Law; and (iv) be admitted to the Faculty of Law. Meeting the minimum requirements does not guarantee admission.
HBA/Political Science Combined Degree Program	To be eligible for consideration for admission to the combined program, within the first two years students must complete a minimum of 10.0 courses, with a weighted average of 78%, including Business Administration 2257 (with a minimum mark of 70%), and no mark less than 60%. In Year 1, they must complete the admission requirements as specified in the current Academic Calendar for entry into Honors Specialization module offered by the Department of Political Science.

**PSYCHOLOGY** [www.psychology.uwo.ca](http://www.psychology.uwo.ca) ▶ Social Science Centre 7416 ▶ 519-661-2068

Psychology is the scientific study of behavior covering such topics as normal and abnormal behavior, social interactions in small groups, the brain and behavior, and cognitive abilities in animals. We offer courses in almost every branch of psychology, including clinical, experimental, social, and developmental. Learn about sensory and perceptual processes, memory and cognition, personality assessment and organizational issues.

MODULE	PREREQUISITE COURSES
Honors Specialization in Psychology - BA	Completion of first-year requirements with no failures. Students must have an average of at least 75% in 3.0 principal courses, including the following Psychology and Mathematics courses, plus 1.0 additional course, with no mark in these principal courses below 60%: Psychology 1000; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Mathematics 0110A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, Applied Mathematics 1201A/B, or Statistical Sciences 1024A/B. If Mathematics 0110A/B is selected then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken. Mathematics 1228A/B and Statistical Sciences 1024A/B is the recommended combination. Enrollment in this module is limited. Meeting the minimum requirements does not guarantee entry.
Honors Specialization in Psychology - BSc	Completion of first-year requirements with no failures. Students must have an average of at least 75% in 3.0 principal courses, with no mark in these principal courses below 60%: Psychology 1000; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B or 1413; 1.0 course from: Biology 1001A or 1201A and Biology 1002B or 1202B; 1.0 course from: Chemistry 1100A/B and 1200B, Computer Science 1025A/B, 1026A/B, 1027A/B, Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1501A/B and 1502A/B. The principal courses include Psychology, a Mathematics/Calculus/Statistical Science course and one of the other Science courses. Enrollment in this module is limited. Meeting the minimum requirements does not guarantee entry.
Honors Specialization in Developmental Cognitive Neuroscience - BA	Completion of first-year requirements with no failures. Students must have an average of at least 75% in principal courses, including the following psychology and mathematics courses, plus 1.0 additional course, with no mark in these principal courses below 60%: 1.0 course from: Psychology 1000 or the former 1200; 1.0 course from: Applied Mathematics 1201A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, or the former 1201A/B, or Mathematics 0110A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B. If Mathematics 0110A/B is taken then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken. Mathematics 1228A/B and Statistical Sciences 1024A/B is the recommended combination. Enrollment in this module is limited. Meeting the minimum requirements does not guarantee entry.

**Psychology** *continued*

MODULE	PREREQUISITE COURSES
Honors Specialization in Animal Behavior - BSc	See Biology Department (Faculty of Science).
Honors Specialization in Psychology/ Honors Business Administration Combined Degree Program	To be eligible for consideration for admission to the combined program, in the first two years, students must complete a minimum of 10.0 courses, with a weighted average of 78%, including Business Administration 2257 (with a minimum mark of 70%), and no mark less than 60%. In Year 1, they must complete the admission requirements as specified in the current Academic Calendar for entry into an Honors Specialization module offered by the Department of Psychology.
Honors Specialization in Neuroscience	Enrollment in this module is limited. Meeting the minimum requirements does not guarantee that students wishing to enter in this module will be offered enrollment. Students must successfully complete first year with no failures and must have a minimum average of 75% in the following 4.0 principal courses, with no mark below 60%: 1.0 course from: Biology 1001A or 1201A and Biology 1002B or 1202B; 1.0 course: Psychology 1000; 1.0 course: Chemistry 1100A/B and 1200B; 1.0 course from: Calculus 1000A/B or 1100A/B or 1500A/B, 1301A/B or 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, Applied Mathematics 1413. Note: *Physiology 3120 is recommended to be taken concurrently with Pharmacology 3620.
Major in Psychology	Completion of first-year requirements, including 1.0 course from Psychology 1000 with a mark of at least 60%. Students must also complete: 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Mathematics 0110A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, Statistical Sciences 1024A/B. If Mathematics 0110A/B is selected then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken. Mathematics 1228A/B and Statistical Sciences 1024A/B is the recommended combination.
Minor in Psychology	Completion of first year, including Psychology 1000.

**SOCIOLOGY**

[www.sociology.uwo.ca](http://www.sociology.uwo.ca) ▶ Social Science Centre 5304 ▶ 519-661-3606

Sociology seeks to understand how the society that surrounds us influences what we do and how we think. At Western you can learn about a wide range of subjects including criminology, inequality, social psychology, health and aging, social change, population studies, and the sociology of youth. The Department also offers courses in research methods that provide skills used in market research, polling, and social policy analysis.

MODULE	PREREQUISITE COURSES
Honors Specialization in Sociology Honors Specialization in Criminology	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Sociology 1020 or 1021E, plus 2.0 additional courses, with no mark in these principal courses below 60%.
Specialization in Sociology Major in Sociology Major in Criminology Major in the Sociology of Health and Aging Minor in Sociology Minor in Criminology	Completion of first-year requirements, including Sociology 1020 or 1021E with a mark of at least 60%.

**WOMEN'S STUDIES AND  
FEMINIST RESEARCH**

[www.uwo.ca/womens](http://www.uwo.ca/womens) ▶ Lawson Hall 3260 ▶ 519-661-3759

See Inter-Faculty Departments/Modules on page 23.

MODULE	PREREQUISITE COURSES
Honors Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Major in Sexuality Studies	See Inter-Faculty Departments/Modules on page 23.
Major in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Minor in Women's Studies	See Inter-Faculty Departments/Modules on page 23.
Minor in Feminist Theory	See Inter-Faculty Departments/Modules on page 23.
Minor in Gender, Sexuality and Culture	See Inter-Faculty Departments/Modules on page 23.

# Affiliated University Colleges

The three affiliated university colleges - Brescia (Canada's Women's University), Huron (Western's founding institution), and King's (a Catholic, co-ed University) - are residential, liberal arts colleges specializing in student-centred education. Each campus offers students the advantages of a small campus in the context of a large, world-class, multi-faceted university. The campuses are academic units of Western and maintain the same academic standards. Affiliated University College students enjoy all the rights and privileges as the main campus student body, can participate in Western's extracurricular activities, athletics and health services and, most importantly, receive their degrees from Western. Applicants to one of the affiliated university colleges are eligible for the admission scholarships and residences of that campus. Students who wish to be considered for admission to an affiliated college, must specify the particular program and campus as one of their choices on the OUAC application. To obtain additional information about each of the affiliated university colleges please contact the respective Registrar's Office.

## PROGRAMS AVAILABLE AT ALL UNIVERSITY COLLEGES

All campuses offer modules leading to the 3-year, 4-year and honors degrees. The majority of these modules fall within the disciplines found in the Faculties of Arts and Humanities and Social Science. Honors Specializations, Specializations, Majors and Minors are offered in disciplines that are the same as the main campus as well as programs which are unique to each of the affiliated university colleges. Students entering first-year in Arts and Social Science programs will have the opportunity to sample courses from a broad range of disciplines. Counselors will assist students in selecting courses for their first year as well as determining progression into upper year programs.

### Brescia University College

- ▶ 3-year, 4-year, and 4-year Honors BA
- ▶ 4-year Bachelor of Management and Organizational Studies
- ▶ 4-year and 4-year Honors BSc (Foods & Nutrition)
- ▶ Major in Health Sciences and Kinesiology; Honors Specialization in Community Rural Health Development
- ▶ 4-year and 4-year Honors BSc (Human Ecology) programs in Family Studies
- ▶ 3-year and 4-year Honors BA (Human Ecology) programs in Family Studies

### Preliminary Year

Brescia offers a coeducational qualifying year for admission into first year university. Students entering this program must have a minimum 23 credits toward the OSSD. A minimum 'B' average in an academic program oriented toward university studies (with most courses at the advanced level of difficulty) is required for admission consideration.

### Huron University College

- ▶ 3-year, 4-year, and 4-year Honors BA
- ▶ 4-year Bachelor of Management and Organizational Studies
- ▶ 4-year Bachelor of Theology
- ▶ Master of Theology, Master of Arts in Theology
- ▶ Master of Divinity

### King's University College

- ▶ 3-year, 4-year, and 4-year Honors BA
- ▶ 4-year Bachelor of Management and Organizational Studies
- ▶ 4-year program in Social Work (BSW Honors)
- ▶ Master of Social Work

## BRESCIA UNIVERSITY COLLEGE

Established 1919 ▶ 1285 Western Road ▶ 519-432-8353 ▶ Website: [www.brescia.uwo.ca](http://www.brescia.uwo.ca)

Principal: C. Hanycz

Dean: J. Mitchell

**These Modules lead to 3-year, 4-year and 4-Year Honors BA, BSc(FN) 4-Year and Honors, BSc(HEc), BA(HEc) and BMOS**

MODULE	PREREQUISITE COURSES
<b>ENGLISH</b>	
Honors Specialization in English Language and Literature	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E plus 2.0 additional courses, with no mark in these principal courses below 60%.
Specialization in English Language and Literature	1.0 from English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%. Students should consult with department prior to admission.
Major in English Language and Literature	Completion of first-year requirements, including 1.0 from English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%. Students will be eligible for an Honors BA with double major if they obtain 70% average in the courses of each major module with no mark less than 60% in each course.

MODULE	PREREQUISITE COURSES
Minor in English Language and Literature Minor in General English Minor in Dramatic Literature Minor in Popular Literature and Cultural Studies Minor in English for Teachers	Completion of first-year requirements, including 1.0 from English 1020E or 1022E or 1024E or 1027E and 1028F/G or 1035E or 1036E with a mark of at least 60%. Students should consult with the department prior to admission.
DIMENSIONS OF LEADERSHIP	
Major in Dimensions of Leadership	Completion of first-year requirements with no failures. Students must have an average of at least 65% in 3.0 principal courses, including Dimensions of Leadership 1031 and 2.0 additional courses, with no mark in these principal courses below 60%. At least 1.0 course in English, Management and Organizational Studies, History, Political Science, Psychology, or Sociology at the 1000 level is recommended in order to satisfy prerequisites for courses in the module.
FAMILY STUDIES	
Honors Specialization in Family Studies - BSc (Human Ecology)	Completion of first-year requirements with no failures and an average of at least 70% in the following 4.0 principal courses: Family Studies 1020, Sociology 1020, 1021E or Psychology 1000; Chemistry 1100A/B and 1200B; and Foods and Nutrition 1030E or the former 025A/B and the former Human Ecology 022F/G.
Honors Specialization in Family Studies - BA (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark below 60% in the following 3.0 principal courses: Family Studies 1020, Sociology 1020 or 1021E or Psychology 1000, plus 1.0 additional course.
Honors Specialization in Families and Communities - BA (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 2.0 principal courses, Sociology 1020 or 1021E, and Family Studies 1020, with no mark below 60%. Students are also required to take Writing 1020F/G. It is recommended that students take Psychology 1000.
Honors Specialization in Nutrition and Families - BA (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark below 60% in the following 3.0 principal courses: Foods and Nutrition 1021 or 1030E, Family Studies 1020, Sociology 1020 or Psychology 1000.
Specialization in Family Studies - BSc (Human Ecology)	Completion of first-year requirements with no failures and an average of at least 65% in the following 4.0 principal courses with no mark less than 60%: Family Studies 1020, Sociology 1020, 1021E or Psychology 1000; Chemistry 1100A/B and 1200B; and Foods and Nutrition 1030E or the former 025a/b and the former Human Ecology 022F/G.
Specialization in Family Studies - BA (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 60% with no mark below 60% in the following 3.0 principal courses: Family Studies 1020 and Sociology 1020 or 1021E or Psychology 1000, plus 1.0 additional course.
Specialization in Nutrition and Families - BA (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 60% with no mark below 60% in the following 3.0 principal courses: Foods and Nutrition 1021 or 1030E, Family Studies 1020, Sociology 1020 or Psychology 1000.
Major in Family Studies - BA (Human Ecology)	Completion of first-year requirements including Family Studies 1020 and Sociology 1020 or 1021E or Psychology 1000, with a mark of at least 60% in each of these courses.
Major in Nutrition and Families - BA (Human Ecology)	Completion of first-year requirements including Foods and Nutrition 1030E, Family Studies 1020, and Sociology 1020 or 1021E or Psychology 1000, with a mark of at least 60% in each of these courses.
Minor in Family Studies (to be combined with any eligible degree)	Completion of first-year requirements including Family Studies 1020 and Sociology 1020 or 1021E or Psychology 1000, with a mark of at least 60% in each of these courses.
FOODS AND NUTRITION	
Honors Specialization in Nutrition and Dietetics	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 4.0 courses with no mark below 60%: Chemistry 1100A/B and 1200B, Biology 1290B; Foods and Nutrition 1030E; Business Administration 1220E, 0.5 course numbered 1000-1999.
Honors Specialization in Food Science and Technology	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 5.0 courses with no mark below 60%: Chemistry 1100A/B and 1200B; Biology 1290B; Food and Nutrition 1030E; Business Administration 1220E; Computer Science 1032A/B; Calculus 1000A/B or 1100A/B or Mathematics 1225A/B; Physics 1028A/B.
Honors Specialization in Nutrition and Families	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark below 60% in the following 3.0 principal courses: Foods and Nutrition 1021 or 1030E, Family Studies 1020, Sociology 1020 or Psychology 1000.
Major in Food Management	Acceptance into an Honors Specialization or Specialization in Foods and Nutrition.
Major in Nutrition and Families	Completion of first-year requirements including Foods and Nutrition 1030E, Family Studies 1020, and Sociology 1020 or 1021E or Psychology 1000, with a mark of at least 60% in each of these courses.
Specialization in Nutrition and Families	Completion of first year requirements with no failures. Students must have an average of at least 60% with no mark below 60% in the following 3.0 principal courses: Foods and Nutrition 1021 or 1030E, Family Studies 1020, Sociology 1020 or Psychology 1000.

MODULE	PREREQUISITE COURSES
Specialization in Foods and Nutrition	Completion of first year requirements with no failures. Students must have an average of at least 68% in the following 4.0 courses: Chemistry 1100A/B and 1200B, Biology 1290B; Foods and Nutrition 1030E; Business Administration 1220; 0.5 course numbered 1000-1999.
Minor in Foods and Nutrition	Completion of first-year requirements in the Health Sciences or Kinesiology program with an average of 70% and no failures. Students must have an average of at least 70% in 3.0 courses including Foods and Nutrition 1021 with a mark of at least 70%, and Chemistry 1100A/B and 1200B with a mark of at least 60%. Enrollment is limited and meeting the minimum requirements does not guarantee acceptance into the module.
Minor in French for Food and Nutritional Sciences	Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60%, or permission of the Department.
FRENCH	
Honors Specialization in French Language and Literature Honors Specialization in French Linguistics and Literature Honors Specialization in French Language and Linguistics	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including French 1900E or 1910 plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in French Studies Major in French for Teaching	French 1900E or 1910 with a mark of at least 60%.
Specialization in French Studies Minor in French	French 1900E or 1910 with a mark of at least 60% or permission of the Department.
HEALTH SCIENCES	
Major in Health Sciences Minor in Health Sciences	Students may apply to take a Major or Minor module in Health Sciences while enrolled at Brescia. Due to the limited enrollment nature of the program, applications for the Major module for both internal and external senior transfer students from Brescia (i.e. those who wish to transfer in year 2, 3 or 4) will be assessed by the Faculty of Health Sciences. Please consult the Academic Counsellor at Brescia for further information.
Honors Specialization in Community Rural Health Development	Completion of Health Sciences 1001A/B, Health Sciences 1002A/B, Sociology 1020 or 1021E, and Biology 1001A or 1201A and Biology 1002B or 1202B, with an average of at least 70% in each of the 3.0 courses, no principal course below 60% and no failures. (Combined module with School of Health Studies)
HISTORY	
Honors Specialization in History	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E or 1805E and 2.0 additional courses, with no mark in these principal courses below 60%.
Major in History Specialization in History Minor in History	Completion of first-year requirements, including 1.0 course from: History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E or 1805E with a minimum mark of 60%.
Major in Canadian Social and Environmental History	Completion of first-year requirements, including 1.0 course in History at the 1000 level with a minimum mark of 60%.
Minor in Canadian Studies	Completion of first-year requirements, including History 1201E with a mark of at least 60%.
MANAGEMENT AND ORGANIZATIONAL STUDIES	
Honors Specialization in Food Management	After first year, students may apply for admission upon completion of first-year requirements with no failures. Students must have an average of at least 73% on, and no grade less than 60% in, the following 3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B*, Calculus 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course numbered 1000-1999. 2.0 additional courses: 1.0 course from: Psychology 1000; Sociology 1020 or 1021E; 1.0 course: Foods and Nutrition 1021.B
<b>For the following majors these common requirements apply:</b> Major in Accounting Major in Consumer Behavior Major in Food Management	Students may not apply to the BMOS Honors Double Major when they apply for admission to Brescia. In addition to meeting MOS admission requirements, students must successfully complete the admission requirements for a Major module in a discipline other than MOS. After first year, students may apply for admission upon completion of first-year requirements with no failures. Students must have an average of at least 70% on, and no grade less than 60% in, the following 3.0 principal courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B*, 1301A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course numbered 1000-1999 from: Anthropology, Dimensions of Leadership, Geography, History, Political Science, Psychology, Sociology.
Major in Accounting	In addition to the above requirements, 2.0 additional courses are required: 1.0 course: Economics 1021A/B and 1022A/B. 1.0 course numbered 1000-1999.

MODULE	PREREQUISITE COURSES
Major in Consumer Behavior	In addition to the above requirements, 2.0 additional courses are required: 1.0 course from: Psychology 1000; Sociology 1020 or 1021E; 1.0 course numbered 1000-1999.
Major in Food Management	In addition to the above requirements, 2.0 additional courses are required: 1.0 course: Psychology 1000, Sociology 1020 or 1021E; 1.0 course: Foods and Nutrition 1021.
Specialization in Food Management	Students may not apply to enter a BMOS Specialization when they apply for admission to the University. 5.0 first year courses: 1.0 course: MOS 1021A/B and 1023A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 1.0 course from: Psychology 1000; Sociology 1020 or 1021E; 1.0 course: Foods and Nutrition 1021; 1.0 course numbered 1000-1999 from: Anthropology, Dimensions of Leadership, Geography, History, Political Science, Psychology, Sociology.
*Note: Students admitted without Calculus should be aware that to enroll in certain courses/modules they may be required to take Mathematics 0110A/B or Calculus 1100A/B. When considering a course/module in another discipline, please check the Mathematics requirement(s). Students are responsible for ensuring they have completed the Mathematics and other entry requirements and prerequisites of the modules/courses they wish to take.	
POLITICAL SCIENCE	
Major in Political Science Minor in Political Science Minor in Public Administration	Completion of first-year requirements, including Political Science 1020E, with a mark of at least 60%.
PSYCHOLOGY	
Honors Specialization in Psychology	Completion of first-year requirements with no failures and a minimum average of at least 75% in 3.0 principal courses, comprised of the following Psychology and Mathematics courses, and 1.0 additional course, with no mark in these principal courses below 60%: 1.0 course in Psychology at the 1000 level; 1.0 course from: any Mathematics or Calculus course numbered 1000 or above, Statistical Sciences 1024A/B, or Mathematics 0110A/B. If Mathematics 0110A/B is selected, then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken.
Major in Psychology Minor in Psychology	Completion of first-year requirements, including in Psychology at the 1000 level with a mark of at least 60%.
Specialization in Psychology	Completion of first-year requirements, including the following 2.0 courses with a mark of at least 60%: 1.0 course in Psychology at the 1000 level; 1.0 course from: Mathematics 1228A/B and Statistical Sciences 1024A/B (recommended); Mathematics 1225A/B, 1228A/B, 1229A/B (Mathematics 1228A/B and 1229A/B preferred); Mathematics 0110A/B, Calculus 1000A/B, 1301A/B, 1501A/B, or Mathematics 1600A/B. If Mathematics 0110A/B is selected, then either Statistical Sciences 1024A/B or Mathematics 1228A/B must be taken.
RELIGIOUS STUDIES AND PHILOSOPHY	
Major in Philosophy	1.0 course from Philosophy 1100E, 1200, 1230A/B, 1250F/G, 1300E, 1350F/G or 1370A/B is recommended.
Minor in Philosophy	Completion of first-year requirements.
Major in Religious Studies Minor in Women and Christianity	Completion of first-year requirements, including 1.0 course in Religious Studies at the 1020 or 1030 level with a mark of at least 60%.
Minor in Religious Studies	Completion of first-year requirements and at least a 0.5 course in Religious Studies with a mark of at least 60%.
Minor in Religious Studies and Philosophy	Completion of first-year requirements, including 1.0 course at the 1020 or 1030 level in Religious Studies with a mark of at least 60%. Completion of 1.0 course in Philosophy at the 1000 level is recommended.
Major in Religious Education	Completion of first-year requirements, including 1.0 course in Religious Studies at the 1000 level with a mark of at least 60%.
SCHOOL OF KINESIOLOGY	
Students may apply for admission to the Major module in the Kinesiology BA program while enrolled at Brescia University College. Due to the limited enrollment nature of the program, applications for the Major module for both internal and external senior transfer students from Brescia (i.e., those who wish to transfer in Year 2, 3 or 4) will be assessed by the School of Kinesiology in the Faculty of Health Sciences. Brescia students doing a double Major that includes a Kinesiology Major module will receive the degree associated with the program in which they are enrolled at Brescia University College. Please consult the Academic Counsellor at Brescia University College for further information.	
SOCIOLOGY	
Honors Specialization in Community Rural Health Development	Completion of Sociology 1020 or 1021E, Health Sciences 1000, and Biology 1222 or 1223, with an average of at least 70% in each of the 3.0 courses, no principal course below 60% and no failures.

MODULE	PREREQUISITE COURSES
Honors Specialization in Families and Communities	Completion of first-year requirements with no failures. Students must have an average of at least 70%, in 2.0 principal courses, Sociology 1020 or 1021E, and Family Studies 1020, with no mark in these principal courses below 60%. Students are also required to take Writing 1020F/G. It is recommended that students take Psychology 1000. To register in this module, students are required to submit a Community Development application form by April 15 before the beginning of Year 3. Enrollment in this module is limited.
Honors Specialization in Sociology	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Sociology 1020 or 1021E, plus 2.0 additional courses, with no mark in these principal courses below 60%.
Honors Specialization in Community Development in a Global Context	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Sociology 1020 or 1021E, plus 2.0 additional courses, with no mark in these principal courses below 60%. Anthropology 1025F/G is recommended. To register in this module, students are required to submit a Community Development application form by April 15 before the beginning of Year 3. Enrollment in this module is limited.
Honors Specialization in Crime and Communities	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Sociology 1020 or 1021E plus 2.0 additional courses, with no mark in these principal courses below 60%. To register in this module, students are required to submit a Community Development application form by April 15 before the beginning of Year 3. Enrollment in this module is limited.
Major in Sociology Major in the Sociology of Law, Crime and Deviance Minor in Community Development Minor in Criminology Minor in the Sociology of Gender	Completion of first-year requirements, including Sociology 1020 or 1021E with a mark of at least 60%.
Major in Community Development	Completion of first-year requirements, including Sociology 1020 or 1020E with a mark of at least 60%. To register in this module, students are required to submit a Community Development application form by April 15 before the beginning of Year 3. Enrollment in this module is limited.

Established 1863 ▶ 1349 Western Road ▶ 519-438-7224 ▶ Website: [huronuc.on.ca](http://huronuc.on.ca)

Principal: S. McCatchie

Dean of Arts and Social Science: M. Blgrave

Dean of Theology: W. Danaher

## Modules Offered Leading to 3-Year, 4-Year, 4-Year Honors and BMOS Degrees

### Centre for Global Studies

- ▶ Honors Specialization, Major, Specialization and Minor in Globalization Studies
- ▶ Honors Specialization, Major, Specialization and Minor in Global Culture Studies
- ▶ Honors Specialization, Major, Specialization and Minor in Global Development Studies
- ▶ Major and Minor in East Asia Studies
- ▶ Minor in Japan Studies; China Studies; Japanese Studies; and Chinese Studies

### Economics

- ▶ Honors Specialization and Major in Economics
- ▶ Major in Finance
- ▶ Minor in Economic Theory

### English

- ▶ Honors Specialization, Major, and Specialization in English Language and Literature
- ▶ Minor in English; Contemporary English Literature; and English for Teachers

### French Studies

- ▶ Honors Specialization, Major, and Minor in French Language and Literature
- ▶ Honors Specialization and Major in French Language and Linguistics
- ▶ Honors Specialization in French Linguistics and Literature
- ▶ Specialization, Major and Minor in French Studies
- ▶ Minor in French Language; French and Francophone

### History

- ▶ Honors Specialization, Major, Specialization and Minor in History

### Jewish Studies

- ▶ Major and Minor in Jewish Studies

### Management and Organizational Studies

- ▶ Honors Specialization and Specialization in Finance and Administration
- ▶ Honors Specialization and Specialization in Organization Studies, Policy, and Ethics
- ▶ Major in Accounting; Management and Organizational Studies

### Philosophy

- ▶ Honors Specialization, Major, Specialization and Minor in Philosophy
- ▶ Honors Specialization and Specialization in Philosophy, Reasoning and Ethics
- ▶ Minor in Ethics; Religious Studies and Philosophy.

### Political Science

- ▶ Honors Specialization, Major and Minor in Political Science
- ▶ Major and Minor in Political Studies: Globalisation and Governance
- ▶ Major and Minor in Political Science: Ideology and Identity
- ▶ Major and Minor in Political Science: State and Policy

### Psychology

- ▶ Honors Specialization in Psychology - BA
- ▶ Major and Minor in Psychology

### Theology

- ▶ Major and Minor in Biblical Studies
- ▶ Major and Minor in Historical and Systematic Theology

### Combined Degree Programs

- ▶ Honors Business Administration (HBA) with Honors Specialization in Global Development Studies, Globalization Studies or Global Culture Studies
- ▶ Honors Business Administration (HBA) with Honors Specialization in Psychology

## For More Information

Detailed information on these modules and their requirements are available at the main Academic Calendar website at [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca). Further information on Huron University College is also available at [www.huronuc.ca](http://www.huronuc.ca).

Principal: D. Sylvester

Dean: S. Comiletti

MODULE	PREREQUISITE COURSES
<b>CANADIAN STUDIES</b>	
Minor in Canadian Studies	Completion of first-year requirements with no failures, including 3.0 principal courses with a minimum average of 60%.
<b>CATHOLIC STUDIES</b>	
Honors Specialization in Catholic Studies	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 in Religious Studies with no mark in these principal courses below 60%. Religious Studies 1027E is recommended.
Honors Specialization in Catholic Studies for Teachers	Completion of first-year requirements with an overall average of at least 75% on at least 5.0 courses including Religious Studies 1027E and the required first-year course for a declared teachable subject. Philosophy 1150E or 1300E is highly recommended. Enrollment in this module is limited.
Major in Catholic Studies for Teachers	Completion of first-year requirements with an overall average of at least 75% on at least 5.0 courses including Religious Studies 1027E and a required first-year course for a declared second teachable subject. Philosophy 1300E or 1150E is highly recommended. Enrollment in this module is limited.
Major in Catholic Studies Specialization in Catholic Studies	Completion of first-year requirements and at least a 0.5 course in Religious Studies with a mark of at least 60%. Religious Studies 1027E is recommended.
Minor in Catholic Studies	Completion of first-year requirements, Religious Studies 1027E is recommended.
Minor in Catholic Studies for Teachers	Completion of first-year requirements. Religious Studies 1027E is recommended.
<b>CHILDHOOD AND SOCIAL INSTITUTIONS</b>	
Honors Specialization in Childhood and and Social Institutions	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%. Note: CSI 1020 is not required for admission to the module; however, students must complete this course with a minimum grade of 60% prior to graduation. This course is also a prerequisite for CSI 2200. Enrollment in this module is limited.
Major in Childhood and Social Institutions	Completion of first-year requirements. Note: CSI 1020 is not required for admission to the module; however, students must complete this course with a minimum grade of 60% prior to graduation. This course is also a prerequisite for CSI 2200. Enrollment in this module is limited.
<b>ECONOMICS</b>	
Honors Specialization in Economics	Completion of first-year requirements with no failures. Students must have an average of at least 70% with no mark less than 60% in 3.0 principal courses, including an average of 70% and no grades less than 60% in the following 2.0 courses: Economics 1021A/B and 1022A/B, or Economics 1020; 0.5 from Mathematics 1225A/B, Calculus 1000A/B, or Calculus 1100A/B AND 0.5 from Mathematics 1229A/B, 1600A/B, Calculus 1301A/B, or 1501A/B.
Major in Economics	Completion of first-year requirements, including the following 2.0 courses with an average of 70% and no grade less than 60% in either subject: Economics 1021A/B and 1022A/B, or Economics 1020; 0.5 from Mathematics 1225A/B, Calculus 1000A/B, or Calculus 1100A/B AND 0.5 from Mathematics 1229A/B, 1600A/B, Calculus 1301A/B, or 1501A/B.
Major in Finance	Completion of first-year requirements, including the following 3.0 courses with an average of 70% and no grade less than 60%: Business Administration 1220E, Economics 1021A/B and 1022A/B, or Economics 1020; 0.5 from Mathematics 1225A/B, Calculus 1000A/B, or Calculus 1100A/B AND 0.5 from Mathematics 1229A/B, Calculus 1301A/B, 1501A/B, or Mathematics 1600A/B.
Minor in Economics	Completion of first-year requirements, including Economics 1021A/B and 1022A/B, or Economics 1020 with a mark of at least 60%. Students who fail to meet the 60% in Economics 1021A/B and 1022A/B, or Economics 1020 may take a Minor module if they have a mark of at least 60% in each of Economics 2150A/B and 2152A/B. (Students should note the mathematics requirement for some of the courses required in the module.)

MODULE	PREREQUISITE COURSES
Minor in Finance	Completion of first year, including Economics 1021A/B and 1022A/B, with a mark of at least 60% in each*, Mathematics 0110A/B (or Grade 12U Advanced Functions and Introductory Calculus MCB4U, or equivalent), 0.5 course from Math 1225A/B, Calculus 1100A/B, 0.5 course from Math 1229Q/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B. *Students who fail to meet the 60% in Economics 1021A/B and 1022A/B, or Economics 1020 may be admitted to the Minor in Finance if they have a mark of at least 60% in each Economics 2150A/B and 2152A/B.
Specialization in Financial Economics	Completion of first year requirements, including Economics 1021A/B and 1022A/B, or Economics 1020, with a minimum grade of 60% in each*; Mathematics 0110A/B, or MHF4U plus (MCB4U or MCV4U); 0.5 course from Mathematics 1225A/B, Calculus 1000A/B, 1100A/B; and 0.5 course from Mathematics 1229A/B, 1600A/B, Calculus 1301A/B, 1501A/B. *Students who fail to meet the 60% requirement in each of Economics 1021A/B and 1022A/B (or Economics 1020) may be admitted to the Specialization after second year, if a minimum grade of 60% is obtained in each of Economics 2150A/B and 2152A/B, and the mathematics requirements noted above are met.
<b>HISTORY</b>	
Honors Specialization in History	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including History 1401E or 1403E or 1801E or 1901E, offered at King's, or any other 1000-1999 level history course, plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in History Minor in History	Completion of first-year requirements, including History 1401E or 1403E or 1801E or 1901E, offered at King's University College, or any other history course at the 1000-1999 level, with a mark of at least 60%.
<b>JEWISH STUDIES</b>	
Major in Jewish Studies Minor in Jewish Studies	Completion of first-year requirements, with a minimum mark of 60% in each course and no failures. (Modules are offered jointly by Huron, King's and Main Campus)
<b>MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS SPECIALIZATION</b>	
Honors Specialization in Accounting	Completion of first-year requirements with no failures. Students must have an average of at least 73% and no grade less than 60% in the following 3.0 principal courses: 1.0 course: Business Administration 1220E; 0.5 course from: Calculus 1000A/B, 1100A/B Mathematics 1225A/B; 0.5 course from: Calculus 1301A/B, 1501A/B, Mathematics 1229A/B, 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B; 2.0 additional courses: (MOS 1033A/B is highly recommended).
Honors Specialization in Finance and Administration Honors Specialization in Global Commerce Honors Specialization in Organizational and Human Resources	Completion of first-year requirements with no failures. Students must have an average of at least 73% and no grade less than 60% in the following 3.0 principal courses: 1.0 course: Business Administration 1220E; 0.5 course from: Calculus 1000A/B, 1100A/B Mathematics 1225A/B; 0.5 course from: Calculus 1301A/B, 1501A/B, Mathematics 1229A/B, 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B.
Note: Enrollment in BMOS Honors Specialization is limited. Meeting of the minimum requirements does not guarantee admission. Students may not apply to BMOS Honors Specialization modules when they apply for admission to the University. Students may only apply for admission to BMOS Honors Specializations modules upon successful completion of first-year requirements.	
<b>MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS DOUBLE MAJOR</b>	
Major in Accounting Major in Global Commerce Major in Management and Organizational Studies Major in Organization and Human Resources	Completion of first-year requirements with no failures. Students must have an average of at least 70% and no grade less than 60% in the following 3.0 principal courses: 1.0 course: Business Administration 1220E; 0.5 course from: Calculus 1000A/B 1100A/B, Mathematics 1225A/B; 0.5 course from: Calculus 1301A/B, 1501A/B, Mathematics 1229A/B, 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B.
Note: Enrollment in BMOS Honors Double Major is limited. Meeting minimum requirements does not guarantee admission. The four-year BMOS Honors Double Major must include one of the above four Major modules and another Major module from a discipline other than BMOS. Students may not apply to BMOS Honors Double Major when they apply for admission to the University. Students may only apply for admission to BMOS Honors Double Major upon successful completion of first-year requirements.	
<b>MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) FOUR-YEAR SPECIALIZATION</b>	
Students may not apply to enter a BMOS Specialization when they apply for admission to the University. Enrollment is limited and meeting of the minimum requirements does not guarantee admission. Students applying for BMOS Specialization after first, second, or third year must have: a) an overall average of at least 70% on the last 5.0 courses completed; b) obtained a passing grade for each course required for admission to the module, and a passing grade for all option courses; and c) a minimum cumulative average of 65%.	
Specialization in Finance and Administration	1.0 course: Business Administration 1220E; 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Statistical Sciences 1024A/B*; 1.0 course: Economics 1021A/B and 1022A/B, or Economics 1020; 1.0 course: 1000-1999**; 1.0 designated essay course numbered 1000-1999F/G or E.

MODULE	PREREQUISITE COURSES
Specialization in Global Commerce	1.0 course: Business Administration 1220E; 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Statistical Sciences 1024A/B*; 1.0 course: Economics 1021A/B and 1022A/B, or Economics 1020; 1.0 course: Political Science 1020E; 1.0 course: 1000-1999 (A/B or F/G)**.
Specialization in Organizational and Human Resources	1.0 course: Business Administration 1220E; 1.0 course: Psychology 1000; 1.0 course: Sociology 1020, 1021E; 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Statistical Sciences 1024A/B*; 1.0 course: 1000-1999 (A/B or F/G)**.
*Note: Students wishing to transfer to a BMOS Honors Degree must have the proper Mathematics prerequisites for advanced Economic courses. **Note: MOS 1033A/B is strongly recommended.	
MODERN LANGUAGES (Includes English, French)	
Honors Specialization in English Language and Literature	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from: English 1020E or 1022E or 1024E or 1035E or 1036A/B or both of (English 1027F/G and 1028F/G) or 1901E plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in English Language and Literature	1.0 course from: English 1020E or 1022E or 1024E or 1035E or 1036E or both of (English 1027F/G and 1028F/G) or 1901E, with a mark of at least 60%. Student will be eligible for an Honors BA with double major if they obtain an average of at least 70% average in the courses of each major module with no mark less than 60% in each course. No failures on options.
Specialization in English Language and Literature Minor in English Language and Literature Minor in English for Teachers Minor in General English Minor in Dramatic Literature	1.0 course from: English 1020E or 1022E or 1024E or 1035E or 1036E or both of (English 1027F/G and 1028F/G) or 1901E, with a mark of at least 60%. Students should consult with the Department prior to admission.
Honors Specialization in French Language and Literature Honors Specialization in French Linguistics and Literature Honors Specialization in French Language and Linguistics	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including French 1900E or 1910 plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in French Studies	French 1900E or 1910 with a mark of at least 60%.
Specialization in French Studies Minor in French Studies Minor in Francophone Studies	French 1900E or 1910 with a mark of at least 60% or permission of the Department.
PHILOSOPHY	
Honors Specialization in Philosophy Honors Specialization in Continental Philosophy Honors Specialization in Philosophy and Religion	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%. 1.0 course from Philosophy 1150E, 1300E, 1360E, 1901E, or 1361E is recommended.
Major in Philosophy Major in Continental Philosophy Major in Philosophy and Religion	Completion of first-year requirements. 1.0 course from Philosophy 1150E, 1300E, 1360E, 1901E, or 1361E is recommended.
Specialization in Philosophy	Completion of first-year requirements, including 3.0 courses with a mark of at least 60%. 1.0 course from Philosophy 1150E, 1300E, 1360E, 1901E, or 1361E is recommended.
Minor in Philosophy	Completion of first-year requirements.
POLITICAL SCIENCE	
Honors Specialization in Political Science	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Political Science 1020E plus 2.0 additional courses, with no mark in these principal courses below 60%. Enrollment in this module is limited.
Major in Political Science Minor in Political Science	Completion of first-year requirements, including Political Science 1020E with a mark of at least 60%.
PSYCHOLOGY	
Honors Specialization in Psychology	Completion of first-year requirements with no failures. Students must have an average of at least 75% in 3.0 principal courses, including Psychology 1000, Mathematics 1228A/B, Statistical Sciences 1024A/B, plus 1.0 additional course, with no mark in these principal courses below 60%. Enrollment in this module is limited.

MODULE	PREREQUISITE COURSES
Major in Psychology Specialization in Psychology	Completion of first-year requirements, including Psychology 1000 with a mark of at least 60%. Students are advised to complete Mathematics 1228A/B and Statistical Sciences 1024A/B in their first year. These courses must be completed before graduation. Enrollment in these modules is limited.
Minor in Psychology	Completion of first-year requirements, including Psychology 1000 with a mark of at least 60%.
<b>RELIGIOUS STUDIES</b>	
Honors Specialization in Religious Studies	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%, and at least 0.5 course in Religious Studies with a mark of at least 60%.
Major in Religious Studies Specialization in Religious Studies Minor in Religious Studies	Completion of first-year requirements and at least a 0.5 course in Religious Studies with a mark of at least 60%.
<b>SOCIAL JUSTICE AND PEACE STUDIES</b>	
Honors Specialization in Social Justice and Peace Studies	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 60%: 1.0 course: Social Justice and Peace Studies 1020; 1.0 course from: Childhood and Social Institutions 1020; Economics 1020; First Nations Studies 1020E; Geography 1100, 1500F/G, 1400F/G; History 1401E, 1403E, 1801E; Management and Organizational Studies 1020A/B; Media, Information and Technoculture 1200F/G and 1700F/G; Philosophy 1300E, 1305EF/G; Political Science 1020E; Psychology 1000; Religious Studies 1022A/B, 1023E, 1027E; Social Work 1020; Sociology 1020, 1021E; or Women's Studies 1020E. 1.0 additional course.
Major in Social Justice and Peace Studies Specialization in Social Justice and Peace Studies Minor in Social Justice and Peace Studies	Completion of first-year requirements, including the following 2.0 courses with a mark of at least 60%: 1.0 course: Social Justice and Peace Studies 1020E; 1.0 course from: Childhood and Social Institutions 1020; Economics 1020; First Nations Studies 1020E; Geography 1100, 1400F/G, 1500F/G; History 1401E, 1403E, 1801E; Management and Organizational Studies 1020A/B; Media, Information and Technoculture 1200F/G and 1700F/G; Philosophy 1300E, 1305F/G; Political Science 1020E; Psychology 1000; Religious Studies 1022A/B, 1023E, 1027E; Social Work 1020; Sociology 1020, 1021E; or Women's Studies 1020E.
<b>SOCIOLOGY (Includes Criminology)</b>	
Honors Specialization in Sociology Honors Specialization in Criminology	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including Sociology 1020 or 1021E, plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in Sociology Major in Criminology Specialization in Sociology Minor in Sociology Minor in Criminology	Completion of first-year requirements, including Sociology 1020 or 1021E with a mark of at least 60%.
<b>SCHOOL OF SOCIAL WORK</b>	
Bachelor of Social Work (Honors)	The first year program must include Social Work 1020 with a minimum mark of 70% in each course. Enrollment in this module is limited.
<b>THANATOLOGY</b>	
Major in Thanatology	Completion of first-year requirements with a minimum average of 60% in 3.0 principal courses.
Minor in Thanatology	Completion of first-year requirements.
<b>WORLD RELIGIONS AND CULTURES</b>	
Honors Specialization in World Religions and Cultures	Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses including Religious Studies 1023E, plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in World Religions and Cultures	Completion of first-year requirements including Religious Studies 1023E, plus 2.0 additional courses, with no mark in these principal courses below 60%
Specialization in World Religions and Cultures	Completion of first-year requirements, including Religious Studies 1023E with a mark of at least 60%.
Minor in World Religions and Cultures	Completion of first-year requirements. Religious Studies 1023E is recommended.
Minor in Islamic Studies	Completion of first-year requirements and at least 0.5 course in Religious Studies with a grade of at least 60%. Religious Studies 1023E is recommended.