

Academic Counselling

Each Faculty has assigned Academic Counsellors to work closely with students throughout the year. For more detailed information about hours of operation and for scheduling appointments, please see Academic Counselling for each of the Faculties in the 'Undergraduate Programs' section, starting on p. 10. Information in this guide is subject to change without notice. Please check the academic calendar www.westerncalendar.uwo.ca for up to date information.

Arts and Humanities

University College 112G
Telephone: 519-661-3043
Fax: 519-850-2376

www.uwo.ca/artsandhumanities

Brescia University College (BUC)

BUC11; Telephone: 519-858-5151
www.brescia.uwo.ca

Don Wright Faculty of Music

Talbot College 210G
Telephone: 519-661-2043 or
519-661-2111 x85370
www.music.uwo.ca

Engineering

Spencer Engineering Building 2097
Telephone: 519-661-2130
www.eng.uwo.ca

Health Studies

Labatt Health Sciences Building 222
Telephone: 519-661-4119
www.uwo.ca/fhs/health_studies

Huron University College (HUC)

HUC W39
Telephone: 519-438-7224 x244
www.huronuc.ca

Information and Media Studies

North Campus Building 240
Telephone: 519-661-3542
Email: mit@uwo.ca
www.fims.uwo.ca

Kinesiology

3M Centre 2225
Telephone: 519-661-3086
www.uwo.ca/fhs/kin

King's University College

Telephone: 519-433-3491 x4406
www.kings.uwo.ca

Nursing

Health Sciences Addition H128
Telephone: 519-661-3398
www.uwo.ca/fhs/nursing

Richard Ivey School of Business (HBA)

Ivey 2G02
Telephone: 519-661-4111
Fax: 519-850-2521
www.ivey.uwo.ca/hba

Science (including BMSc)

Western Science Centre 191
Telephone: 519-661-3040
Fax: 519-661-3703
Email: scibmsac@uwo.ca
www.uwo.ca/sci/counselling
www.uwo.ca/bmsc

Social Science

Social Science Centre 2105 SSC: Academic Counselling
Social Science Centre 2114: Social Science Student Centre
Telephone: 519-661-2011
Fax: 519-661-3384
Recorded Message: 519-661-2052
Email: ssaco@uwo.ca
www.counselling.ssc.uwo.ca

Academic Information

English Language Proficiency

To be admitted to Western, you must be proficient in spoken and written English, and demonstrate the ability to write clearly and correctly. Work presented in English in any subject, at any level, which shows a lack of proficiency in English is unacceptable for academic credit. Such work will either be failed or, at the discretion of the instructor, returned for revision to a literate level.

To foster competence in the use of the English language within their own discipline, all instructors will take proficiency in English into account in the assignment of grades.

The First Year Program

The first year program lets you choose courses from different subjects. Because you do not select a specific degree program until second year, this gives you maximum choice in first year.

Registrants in the first year general program must select:

- ▶ 5.0 courses numbered 1000 - 1999
- ▶ At least 1.0 course must be selected from each of two of Categories A, B and C (See page 66). The 5.0 courses must include at least four different subjects with no more than 2.0 courses in one subject.

Before Graduation, at least 1.0 course from each of Categories A, B, and C must be taken (see page 66). Students are encouraged to take an essay course in first year.

Faculty of Registration

To permit appropriate counselling and guidance, first year students entering Arts and Humanities, Science and Social Science are registered in a specific Faculty that is in accordance with their stated degree objective.

The Faculty of registration in which you are placed in first year does not limit your future choices. After first year, your faculty of registration will be determined by your module/program selection. Please see the 2012 Academic Calendar for further information.

Summer Academic Orientation services are available to help you choose courses that fulfil the prerequisites for senior modules and programs.

Course Residency Requirements

If you are a **main campus student**, you:

- ▶ cannot enroll in an affiliated university college course if the same course is also taught on the main campus;
- ▶ cannot enroll in more than one course per session at an affiliated university college.

If you are a part-time student, and are taking only one course, you cannot take the course at an affiliated university college.

Exceptions

1. Foods and Nutrition students may take more than one Human Ecology, Foods & Nutrition or Family Studies course.
2. First Year students who are taking Social Work 1020 and 1030 in partial fulfilment of the admission requirements for the Social Work program.
3. Continuing Studies Certificate/Diploma programs which require courses that are available only at the affiliated university colleges: e.g., Thanatology.
4. In September, you may ask the Dean's Office of your Faculty for special permission that grants you an exception to this regulation.

Graduation Requirements for Honors Bachelor Degrees (Four-Year)

The requirement for graduation from the Honors Bachelor degree is successful completion of 20.0 courses subject to the following general conditions and the specific conditions established by each Faculty or Affiliated University College.

GENERAL REQUIREMENTS

First Year Requirements

Satisfactory completion of 5.0 courses numbered 1000-1999. At least 1.0 course must be selected from each of two of Categories A, B and C (see page 66). The 5.0 courses must include at least four different subjects with no more than 2.0 courses in one subject.

Module Requirements

The Honors Bachelor Degree must include at least an Honors Specialization module or Double Major modules. The Honors Specialization module or each Double Major module must be completed with a minimum cumulative average of 70% and a minimum mark of 60% in each course of the module. Any additional Major or Minor modules taken within the degree must be completed with a minimum cumulative average of 60%. In exceptional circumstances, a student who completes the Honors Specialization module with an average of at least 68% and a mark of at least 60% in each course of the module may graduate with an Honors degree only with the permission of the Dean on the recommendation of the Department concerned. No concessions are allowed for average and mark requirements for graduation with Double Major modules in an Honors Bachelor degree.

The majority of the courses in each module must be completed through The University of Western Ontario.

Average Requirements

Minimum mark and average requirements must be met for each module. See "Module Requirements" above.

A mark of at least 50% must be achieved in each of the 20.0 courses used to fulfill graduation requirements.

An overall average of at least 65% must be achieved in the 20.0 successfully completed courses used to fulfill graduation requirements.

Senior Course Requirements

At least 13.0 senior courses (numbered 2000 - 4999) must be completed satisfactorily.

Essay Course Requirements

Satisfactory completion of at least 2.0 designated essay courses, at least 1.0 of which must be senior level (numbered 2000 - 4999). The 2.0 essay courses must be completed through The University of Western Ontario or through one of its Affiliated University Colleges.

Exception: Students who are admitted with 10.0 advanced standing credits are required to complete 1.0 designated senior essay course (numbered 2000 - 4999) through The University of Western Ontario or one of the Affiliated University Colleges.

Residence Requirements

Of the 20.0 required courses used to fulfill graduation requirements, a minimum of 15.0 courses must be completed through The University of Western Ontario or one of the Affiliated University Colleges. A maximum of 5.0 courses may be taken at another university on a Letter of Permission or on Exchange.

Exception: Transfer students who are admitted with advanced standing must complete a minimum of 10.0 courses including at least 5.0 senior courses (numbered 2000 - 4999) through The University of Western

Ontario. The majority of courses in each module must be completed through The University of Western Ontario or one of the Affiliated University Colleges.

Breadth Requirements

At least 1.0 course from each of Categories A, B, and C must be included (see page 66). Students are encouraged to take an essay course in first year.

No more than 14.0 courses in one subject may be counted among the 20.0 successfully completed courses used to fulfill graduation requirements.

Additional Requirements for the Honors Bachelor of Science Degree and the Honors Bachelor of Medical Sciences Degree

For the Honors Bachelor of Science Degree and the Honors Bachelor of Medical Sciences Degree, the general requirements listed above for Honors Bachelor Degrees must be met, in addition to the following Science Course Requirements:

Of the 20.0 courses required for the Honors Bachelor of Science Degree and the Honors Bachelor of Medical Sciences Degree, at least 11.0 must be from the offerings of the Faculty of Science or approved* courses from the Schulich School of Medicine & Dentistry.

**Approved courses are those under Medical Sciences in Category C. Except for courses in Pathology and Epidemiology and Biostatistics completed prior to May 2005, these courses may be used to meet the science breadth requirement of any degree.*

Graduation Requirements for Bachelor Degrees (Four-Year)

The requirement for graduation from the Bachelor Degree (Four-year) is successful completion of 20.0 courses subject to the following general conditions and the specific conditions established by each Faculty or Affiliated University College.

GENERAL REQUIREMENTS

First Year Requirements

Satisfactory completion of 5.0 courses numbered 1000 - 1999. At least 1.0 course must be selected from each of two of Categories A, B and C (See page 66). The 5.0 courses must include at least four different subjects with no more than 2.0 courses in one subject.

Module Requirements

The Bachelor Degree (Four-Year) must include at least a Specialization module or at least one Major module. The Specialization module or Major module must be completed with a minimum cumulative average of 60%. Any additional Major or Minor modules taken within the degree must be completed with a minimum cumulative average of 60%. The majority of courses for each module must be completed through The University of Western Ontario.

Average Requirements

The minimum average requirements for each module must be met. See "Module Requirements" above.

A mark of at least 50% must be achieved in each of the 20.0 courses used to fulfill graduation requirements.

A cumulative average of at least 60% must be achieved in the 20.0 successfully completed courses used to fulfill graduation requirements.

Senior Course Requirements

See Graduation Requirements for Honors Bachelor Degrees (Four-Year).

Essay Course Requirements

See Graduation Requirements for Honors Bachelor Degrees (Four-Year).

Residence Requirements

See Graduation Requirements for Honors Bachelor Degrees (Four-Year).

Breadth Requirements

See Graduation Requirements for Honors Bachelor Degrees (Four-Year).

Additional Requirements for the Bachelor of Sciences Degree and Bachelor of Medical Sciences Degree (Four-year)

See Graduation Requirements for Honors Bachelor Degrees (Four-Year).

Graduation Requirements for Bachelor Degrees (Three-Year)

The requirement for graduation from the Bachelor Degree (Three-Year) is successful completion of 15.0 courses, subject to the following general conditions and the specific conditions established by each Faculty or Affiliated University College.

GENERAL REQUIREMENTS**First Year Requirements**

Satisfactory completion of 5.0 courses numbered 1000 - 1999. At least 1.0 course must be selected from each of two of Categories A, B and C (see page 66). The 5.0 courses must include at least four different subjects with no more than 2.0 courses in one subject.

Module Requirements

The Bachelor Degree (Three-Year) must include at least a Major module or two Minor modules. The Major module or each Minor module must be completed with a minimum cumulative average of 60%.

Any additional Major or Minor modules taken within the degree must be completed with a minimum cumulative average of 60%. The majority of courses for each module must be completed through The University of Western Ontario.

Average Requirements

The minimum average requirements for each module must be met. See "Module Requirements" above.

A mark of at least 50% must be achieved in each of the 15.0 courses used to fulfill graduation requirements.

A cumulative average of at least 60% must be achieved in the 15.0 successfully completed courses used to fulfill graduation requirements.

Senior Course Requirements

At least 8.0 senior courses (numbered 2000 - 4999) must be completed satisfactorily.

Essay Course Requirements

See Graduation Requirements for Honors Bachelor Degrees (Four-Year).

Residence Requirements

Of the 15.0 required courses used to fulfill graduation requirements, a minimum of 10.0 courses must be completed through The University of Western Ontario or one of the Affiliated University Colleges. A maximum of 5.0 courses may be taken at another university on a Letter of Permission or on Exchange.

Exception: Transfer students who are admitted with advanced standing must complete a minimum of 5.0 senior courses (numbered 2000 - 4999) through The University of Western Ontario. The majority of courses for each module must also be completed through The University of Western Ontario or one of the Affiliated University Colleges.

Breadth Requirements

At least 1.0 course from each of Categories A, B, and C (see page 66). Students are encouraged to take an essay course in first year.

No more than 9.0 courses in one subject may be counted among the 15.0 courses used to fulfill graduation requirements.

Additional Requirements for the Bachelor of Science Degree (Three-year)

For the Bachelor of Science Degree (Three-Year), the general requirements listed above for the Bachelor Degree (Three-Year) must be met, in addition to the following Science Course Requirements: Of the 15.0 courses required for the Bachelor of Science Degree (Three-Year), at least 8.0 must be from the offerings of the Faculty of Science or approved courses from the Schulich School of Medicine & Dentistry (approved courses are those under Medical Sciences in Category C).

Scholar's Electives Program

The Scholar's Electives program allows students who have demonstrated outstanding academic potential to apply to Western for admission to both a primary, discipline-based program of study and the Scholar's Electives module. The program is designed to provide an intellectually stimulating learning environment for students who wish to undertake a truly interdisciplinary experience with the option of intensive laboratory research in upper years. Its goal is to foster a community of scholars who have diverse disciplinary and research interests, but a general intellectual curiosity about most disciplines.

Those selected will comprise a small group (no larger than 50-75 students per year at the constituent university) who will, in addition to their Honors degree courses, enroll in a Scholar's Electives module of 3.0 courses. The courses include interdisciplinary studies, individual research projects, a limited number of upper-year lab research courses, and a research communication project. The interdisciplinary courses in the Scholar's Electives module will be taught by award winning faculty members from more than one Faculty and expose students to significant ideas from different disciplines.

Each Affiliated University College also offers a Scholar's Electives program leading to a BA degree under the same conditions. Admission to the program shall be granted by the Academic Dean (Brescia or King's University College) or Dean of Arts and Social Science (Huron University College) and, where appropriate, in consultation with the Dean(s) of the constituent university Faculties involved in the proposed course of study.

Admission Requirements

Students apply for admission to the Scholar's Electives program prior to registration in first year of a BA, BHSc or BSc degree program. Scholar's Electives is a limited enrollment program, open to full-time students who qualify for consideration by having at least a 90% admission average. Selection will be determined by a Selection Committee on the basis of grades and personal accomplishments, such as demonstrated achievement beyond the classroom and community contributions, as detailed on a supplementary admissions form.

The application deadline is March 1, 2012. Applications are available at www.scholarsselectives.uwo.ca. For more information contact The Student Success Centre via email at scholars_electives@uwo.ca or call 519-661-3559.

Note: This program is under review. Please consult the online Academic Calendar online at www.westerncalendar.uwo.ca for the most up to date information.

Western Scholars Program

High-achieving students entering first year are eligible to become members of the honors society referred to as Western Scholars. Western Scholars are invited to participate in extracurricular activities where they are exposed to a variety of cultural, social and academic events, and are offered opportunities to participate in volunteer activities in the community.

Students entering full-time study at the University with averages of at least 90% or equivalent are invited to be recognized as Western Scholars prior to the beginning of their first year as part of the registration process. Students with equivalent levels of achievement who are entering with an International Baccalaureate or who have been admitted as international students or transfer students are also eligible.

For more information contact The Student Success Centre via email at western_scholars@uwo.ca or call 519-661-2111 x82682.

Distance Studies

In the spring/summer and fall/winter sessions, a wide variety of distance studies courses are offered. Designed for independent study, these courses include:

- ▶ online courses that let you participate in class discussion, work together on joint projects, and submit assignments from your home computers
- ▶ interactive web-based courses

Distance studies courses retain certain aspects of on-campus courses — e.g., due dates for assignments and fixed dates for tests and examinations — but they are designed to free you from the demands of attending classes at specific times and from the restriction of geographical location.

Trois-Pistoles French Immersion School

Campus Office: WSS 3100

Website: www.uwo.ca/cstudies/tp

Tel: 519-661-3637

Western's French Immersion School attracts participants from all over Canada, the United States, Latin America and other parts of the world, who wish to upgrade their education or pursue a professional or personal goal. The Trois-Pistoles French Immersion School offers students an experience of a lifetime: a complete immersion environment, so that they not only learn French, but live the language and the culture. University-level courses in French Language (all levels), French-Canadian civilization, business French, and French theatre are offered. Accommodation and meals are provided by specially-selected host families. You may choose either the spring or the summer five-week session. Full-time students (those taking at least 60% of a full course load) may be eligible for a bursary through the Explore Bursary Program to cover most of the costs. Contact the Trois-Pistoles campus office for details.

Adding and Dropping Courses

Courses normally may not be added and dropped after the specified deadline dates. In exceptional cases and on presentation of evidence of medical or compassionate grounds or other extenuating circumstances, the Dean (or designate) of the faculty of registration may grant a petition to waive the regulation.

The Office of the Registrar, in consultation with the academic community and appropriate administrative offices, will determine all applicable sessional dates which will be maintained on the Registrar's Office Website in the Academic Calendar.

Once classes begin, a course may be added or dropped only with the joint approval of the Dean (or designate) of the Faculty in which the student is registered and the Chair (or designate) of the Department concerned.

A course that has been dropped by the last date specified for adding a course shall be expunged from the records. A course that has been dropped after the last date specified for adding a course but before the last date for dropping a course without academic penalty (or

subsequently, if a petition is granted by the Dean) shall be recorded as "WDN".

A course that has not been dropped in accordance with the above regulations and that has not been completed satisfactorily by the student shall be recorded as "F".

Full Courses (1.0) and Full-Year Half-Courses (0.5)

	Add (Number of Business Days from and including the start date of the session)	Drop
Fall/Winter-Campus (day and evening)	7	November 30
Distance Studies	7	November 30
Intersession	2	8
Summer Evening	5	19
Summer Day	2	8
Spring/Summer Distance Studies	5	19

Half-Courses (0.5)

	Add (Number of Business Days from and including the start date of the session)	Drop
Fall/Winter-Campus (day and evening)	7	Term 1: Oct. 15 Term 2: Feb. 15
Distance Studies	7	Term 1: Oct. 15 Term 2: Feb. 15
Intersession	2	4
Summer Evening	5	10
Summer Day	2	4
Spring/Summer Distance Studies	5	10

Progression Requirements

Progression Requirements are designed to assist a student in improving his/her grades over time so that she/he may attain the required average for graduation or for entrance to and continuation in honors or other specialized programs. Progression requirements establish the minimum requirements for a student to continue at the University but the expectation is that a student will aspire to excellence and seek to achieve results well above the minimum requirements for his/her programs.

The Adjudication Process involves the assessment of a student's eligibility to progress at the University and/or enter or remain in a program. As part of the adjudication process, progression requirements will be checked twice a year during **two adjudication periods**: the May adjudication period based on marks obtained during the Fall/Winter term (for the September - December and January - April sessions) and the July-August adjudication period based on marks obtained during the Summer term (Intersession, Summer Evening and Summer Day sessions). Student records for those registered for the term are evaluated/ adjudicated to ascertain if a student meets the progression requirements: (a) to remain in good standing at the University, (b) of his/her current program, and/or (c) for entrance to another proposed program in which she/he has indicated an Intent to Register.

Average Calculation for progression requirements includes both a term (sessional) and a cumulative average for all applicable courses. Average calculations INCLUDE failed grades. All grades below 50% are considered failures. Grades below 40% will be included in average calculations as 40%, grades from 40% to 49% will be included as the actual grade reported.

A Course Attempt is a course registration that is not dropped by the last day to drop deadline date in the Undergraduate Sessional Dates in the Academic Calendar (the latest, including all revisions, will be found on the Office of the Registrar web site). The last day to drop will vary according to type of course: full course, first term half course, full year half course, and second term half course. A course that is dropped by the last date for adding a course will be removed from a student's record. A course that is dropped after the last date for adding a course but before the final day for dropping a course will be recorded as WDN (withdrawn) and is not considered a course attempt. A course that is dropped after the final day for dropping a course will be recorded as F (failure) and will receive a mark of 40% for Average Calculation purposes.

A Course Repeat is any course previously attempted and recorded at UWO. A course attempt having a passing grade may be repeated only once. A course attempt having a failing grade may be repeated only twice. Further course repeats may be authorized only by the Dean of the Faculty in which the student is registered. Grades (including failures) for all course attempts will appear on the transcript and will be included in the accumulation of course attempts and maximum failures allowed. All but the most recent course attempt will appear on the transcript as Repeated, No credit and will be excluded from cumulative average calculations used for progression requirements.

Progression decisions will result in an Academic Standing Status of:

In Good Standing - a student who satisfies the minimum progression requirements for continuation of study will be eligible to continue at Western.

On Probation - a student who does not satisfy the minimum progression requirements for continuation of study at Western but who will be allowed to continue at the University under Conditions of Probation. See 2012 Academic Calendar for details.

Required to Withdraw - a student who does not satisfy the minimum **Progression Requirements** for continuation of study at Western and is not eligible for probation or who has exceeded the maximum number of failed courses allowed, 6.0 courses, will be **Required to Withdraw**

from the University for a minimum of twelve months. A student who has been **Required to Withdraw** from the University and whose academic standing has been jeopardized by serious medical or personal difficulties may, if they have sought academic accommodation in a timely manner, apply for a Dean's Waiver of Progression Requirements. A student granted a Dean's Waiver of Progression Requirements must meet the specific conditions imposed in the Dean's Waiver.

Should an appeal be made to Senate on the ruling of a Dean, such an appeal shall be considered on behalf of Senate by the Senate Review Board Academic (SRBA).

Two levels of progression requirements are used to assess a student's Academic Standing Status:

Level 1 progression requirement:

A minimum cumulative average of 55% must be obtained at the first adjudication period at which the student has completed a minimum of 3.0 course attempts. If a student has completed more than 3.0 courses at the time of adjudication, marks from all courses taken will be used to calculate the cumulative average. This minimum cumulative average must be maintained for each successive adjudication period until the student reaches Level 2*.

Students who satisfy this requirement will be eligible to continue study **In Good Standing**. Students with a cumulative average from 50-54% will continue **On Probation**. Students with a cumulative average less than 50% will be **Required to Withdraw**.

Level 2 progression requirement:

A minimum cumulative average of 60% must be obtained at the first adjudication period at which the student has completed a minimum of 8.0 course attempts. If a student has completed more than 8.0 courses at the time of adjudication, marks from all courses taken will be used to calculate the cumulative average. This minimum cumulative average must be maintained for each successive adjudication period until the student graduates*.

Students who satisfy this requirement will be eligible to continue study **In Good Standing**. Students with a cumulative average from 55-59% will continue **On Probation**. Students with a cumulative average less than 55% will be **Required to Withdraw**.

Maximum number of failures allowed is 6.0 courses.

**Note: averages required for graduation may differ.*

Consult the Academic Calendar on the web at www.westerncalendar.uwo.ca for more detail on Western progression requirements.

Degree Structure/Module Combinations

A module is a collection of courses that define an area of study. The number of courses included in the module is defined by the amount of specialization in the topic. All courses included in the module are designated by a Department, Faculty or Affiliated University College.

Modules

- ▶ Honors Specialization (9.0 or more specified courses, available only in a Honors Bachelor Degree (4-year))
- ▶ Specialization (9.0 or more specified courses, available only in the Bachelor Degree (4-year))
- ▶ Major (6.0 - 7.0 specified courses, available in all three degree types)
- ▶ Minor (4.0 - 5.0 specified courses, available in all three degree types)

Note: Not all departments offer all these Modules.

The modular degree structure affords the opportunity to combine various subjects from different Departments and Faculties. The chart below shows how modules can be combined in the three different types of degrees offered. The modules taken must fit within these degree structures. See Faculty and Department listings for details. Combinations other than those listed below have not been approved; consequently, they may not be taken. Enrollment in some modules may be limited.

Modules may be combined in three different degrees:
(See the chart below for how to combine modules)

a) The Honors Bachelor Degree (Four Year) - (20.0 courses)

15.0 courses after first year, including at least an Honors Specialization or a Double Major, as follows:

- ▶ Honors Specialization (9.0 or more courses) ;
This may be combined with a Major or a Minor or option(s)
- ▶ Major (6.0 - 7.0) plus a Major (6.0 - 7.0) plus option(s) (3.0 - 1.0); This combination requires two Major Modules

b) The Bachelor Degree (Four Year) - (20.0 courses)

15.0 courses after first year, including at least a Specialization module or a Major Module as follows:

- ▶ Specialization (9.0 or more courses);
This may be combined with a Major or a Minor or option(s)
- ▶ Major (6.0 - 7.0) plus a Major (6.0 - 7.0) plus option(s) (3.0 - 1.0)
- ▶ Major (6.0 - 7.0) plus Minor(s) or option(s)
- ▶ Major (6.0 - 7.0) plus option(s)

c) The Bachelor Degree (Three Year) - (15.0 courses)

10.0 courses after first year, including at least a Major Module or a Double Minor as follows:

- ▶ Major (6.0 - 7.0) plus option(s)
- ▶ Major (6.0 - 7.0) plus a Minor (4.0 - 5.0)
- ▶ Minor (4.0 - 5.0) plus a Minor (4.0 - 5.0) plus option(s) (2.0 - 0);

Student Financial Services and Student Financial Aid

Student Financial Services and Student Financial Aid assist in making the best student experience possible by providing financial support and guidance to students throughout their academic career through a variety of financial programs.

Some of our services for students include:

- ▶ Administering OSAP and other government assistance programs;
- ▶ Administering the Western scholarship and bursary programs;
- ▶ Financial counseling and budgeting assistance.

Financial Aid: Email finaid@uwo.ca Telephone 519-661-2100

Scholarships: Email nmerino@uwo.ca or bursary@uwo.ca
Telephone 519-661-3991

For more detailed information visit our Website at: www.registrar.uwo.ca/FinancialServices/

1. Admission Scholarship Information

All admission scholarships are merit based scholarships for high school applicants, based on a final average including pre-requisite courses. No application is required.

- ▶ Continuing Scholarships - unlimited, at \$10,000 (\$2,500 annually), final average 95%+. The Don Wright Faculty of Music determines recipients for the Continuing Scholarships in Music.
- ▶ Western Scholarship of Excellence - unlimited, \$2,000 for one year, final average 90% - 94.9%.
- ▶ Western Scholarship of Distinction - unlimited, \$1,000 for one year, final average 88% - 89.9%.

Scholarship funds will be applied to the 2nd installment of tuition.

National Scholarship Program

These are scholarships for high school applicants who are Canadian Citizens or Permanent Residents and have obtained a minimum overall academic average of 90% on all Grade 12 U/M courses.

- ▶ An application is required and the deadline is February 14.
- ▶ Up to 20 scholarships valued from \$30,000 - \$50,000 (over four years) and one Beryl Ivey Continuing Entrance Award valued at \$64,000 (over four years) are awarded each year.
- ▶ Interviews will be held at the end of April and decisions will be made in early May.

2. Apply for the Ontario Student Assistance Program (OSAP)

osap.gov.on.ca

The Ontario Student Assistance Program (OSAP) is the primary source of assistance for Canadian citizens/permanent residents of Ontario and provides needs based loans for eligible students. OSAP is designed to assist students to meet education costs but it does not normally meet the full financial needs of students.

Eligibility is based on an assessment of each student's needs and personal resources. If your OSAP loan is insufficient, or if there has been a change in your family circumstances after the initial assessment, a review may be in order. Should this be the case, or if you experience other financial problems, contact Student Financial Aid.

Students can apply for OSAP on-line at osap.gov.on.ca. To have your tuition deferred for OSAP you must complete the application process by June 30th. You can pick up the first installment of your OSAP loan in early September.

3. Non-Ontario Students and Financial Assistance

You can apply for assistance through your provincial Ministry of Education. Each province in Canada has their own application process; please visit the appropriate provincial Website for more details.

4. International Students

The Ministry of Employment and Immigration requires all international students to prove that they have adequate resources before they may be admitted to Canada. Consequently, a bursary will normally be awarded only if there is evidence that circumstances have changed since your arrival in Canada. Obtain information about the Visa Student Bursary Program from the International Student Centre, WSS 2nd floor.

5. Apply for Admission Bursaries and Need-Based Awards

Bursaries are non-repayable grants and range in value from \$250 - \$4,000.

To be eligible, you must demonstrate financial need and be a Canadian Citizen or Permanent Resident of Canada. Once you have your student number and PIN, you can log on to the Student Services Web site online at: <http://studentservices.uwo.ca> to submit a Financial Assistance Profile application and be considered. After you log in, click on "My Present".

6. In-Course Bursaries, Need-Based Awards and Work Study

Bursary assistance is also available to students after their first year at Western.

You must continue to demonstrate financial need. You must complete a Financial Assistance Profile application (FAP), available online each August at: <http://studentservices.uwo.ca>

Bursary applications will be accepted throughout the academic year, depending on funds available.

7. Take Control of Your Finances

Budget and plan. You will have less stress about your finances and more time for studies. Before you apply for any kind of credit, evaluate the cost of borrowing and terms of repayment. Remember, the way you manage credit will impact your credit history. Avoid the urge to increase spending based on anticipated income. Wait until you've earned it. Seek advice when making major financial decisions.

Call 519-661-2100 to make a financial aid appointment.

8. Understand Tuition Fee Payment and Refund Policies

Visit our Website for information about tuition fees, due dates, and payment options.

Tuition fees can be paid in full (after registration) or in two installments. If you are paying in installments, the first installment is due in August. Students paying in two instalments are charged a deferral fee. Prior to withdrawing from a course(s), you are advised to consider the financial implications of making course load changes.

9. Pay your Fees

You can make a payment by Internet banking (in the payee list, look for "University of Western Ontario" and select "Tuition"), by cheque or money order, in person, or mail to:

Student Central

Room 1120, Western Student Services Building,
The University of Western Ontario,
London ON, N6A 3K7.

Payment by credit card will not be accepted.

For inquiries, please contact the Registrar's Helpline at 519-661-2100.

Payments must be received in our office by the due date. Postmarks are not sufficient.

10. Make an appointment with a Student Financial Aid Officer

Should you have concerns about your educational finances and need to discuss them confidentially, make an appointment with one of our Student Financial Aid Officers. During your appointment, topics of discussion may include: reviewing your OSAP entitlement, applying for financial assistance, developing a personal budget, student financial planning, debt management advice or emergency financial assistance.

Tuition fees for International students are significantly higher. The University of Western Ontario receives no government funding for International Students. Refer to www.registrar.uwo.ca for the most up-to-date fee information.

It is the student's responsibility to be familiar with and understand all the University regulations contained in the Academic Calendar; to understand how adding and dropping a course or courses, withdrawal, etc., affects a tuition fee account; and to ensure that tuition fees are paid in full without any notice from the University. Failure to pay outstanding tuition and other related fees will result in academic and financial penalties up to and including removal from courses. For more information, refer to the ACADEMIC SANCTIONS, DEREGISTRATION AND REINSTATEMENT sections of the Academic Calendar.

A student's registration is dependent upon payment of fees and academic eligibility.

Students are considered full-time if they register in 3.5 credits or more and will pay full-time undergraduate fees. Students will pay part-time undergraduate fees on a per course basis if they are registered in three credits or less. Failure to complete the registration process during the designated time will result in a late registration fee.

Tuition Fee Payment Deadlines

Students can view their online statement of account at <https://student.uwo.ca>. You will need your student account login and password to access this information. A student who for any reason is unable to pay fees by the due date must contact Student Financial Services 519-661-2100, for a discussion about a possible deferment. For the Fall/Winter session, fees are due in early August. Fees may be paid in full or in two installments. A minimum payment (first installment) of 70% of full fees*

must be made by the due date. The balance of fees (final installment) under this extended payment process must be paid by the first official day of classes in January.

**Students who have not paid full fees by September 30 (including Government Loan Funding Payments) will be subject to a deferred payment/financing charge.*

Failure to receive payment in full by the due date or arrange a deferment will result in a late payment charge being assessed against your tuition account. For more information, refer to the ACADEMIC SANCTIONS, DEREGISTRATION and REINSTATEMENT sections of the Academic Calendar.

Students who have completed web registration and who have not

- A. paid the minimum first installment
- B. deferred tuition to their Government Student Loans or
- C. negotiated a deferred payment plan with a Student Financial Services Officer

may be subject to academic and financial penalties up to and including removal from courses.

For more information, refer to the ACADEMIC SANCTIONS, DEREGISTRATION and REINSTATEMENT sections of the Academic Calendar. Students who register for courses for the first time during the add/drop period will be required to pay their tuition fees upon registration. Payment amounts and due dates are provided on the web at www.registrar.uwo.ca.

Account Balance

Students can check their fee account balance online at <https://student.uwo.ca>. You will need your student account login and password to access this information.

Cancellation Fees

Full-time students who withdraw from the University prior to the start of the session will be assessed a cancellation fee of \$280.00*. Also see the WITHDRAWALS AND REFUNDS section of the Academic Calendar. Part-time students who withdraw from their courses prior to the start of the session will be assessed a cancellation fee of \$56.00 per full course* and/or \$28.00 per half course*. Also see Withdrawals and Refunds section of the Academic Calendar or the Tuition/Refund Schedule on the Office of the Registrar website.

Note: It is very important that main campus students advise the Registrar's Office (Academic Records) in writing, as soon as possible, if they are cancelling their registration. Failure to do so promptly will result in additional charges based on the current refund schedule. Affiliated College students should advise their Registrar.

Deferred payment, cancellation and late payment fees are subject to change. Please see www.registrar.uwo.ca for updated information.

*Fees subject to change.

Estimated Cost of Attending Western

Tuition Fees (2011-2012 full-time fees for many undergraduate programs): Approximately \$6,500

Books and Supplies (program dependent):

Approximately \$1,500

Personal and Living Expenses

(varies according to personal needs):

Approximately \$9,000 - \$12,000

SAO Course Selection

ALL of the information - Programs, Modules, First Year Courses - that you need to complete this worksheet can be found in this calendar.

YOUR NAME: _____

FACULTY: _____

INTENDED MODULE(S)/PROGRAM(S): _____

FUTURE CAREER/ACADEMIC GOALS: _____

Course Planning

This section will help you and your Academic Counsellor at Summer Academic Orientation determine what courses you should take in your first year. Refer to this calendar for required courses in your program of interest.

LIST REQUIRED FIRST YEAR COURSES FOR YOUR MODULE(S) OR PROGRAM(S)	LIST ANY OTHER COURSES OF INTEREST TO YOU

SAO - Please fill out and bring calendar with you to SAO

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 ▶ Lawson Hall 3205 ▶ 519-850-2404 ▶ Website: www.uwo.ca/artsandhumanities

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 ▶ Talbot College 419 ▶ 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 ▶ 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) 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 1035E or 1036E or both of English 1027F/G and 1028F/G or the former English 1024E 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 1035E or 1036E or both of English 1027F/G and 1028F/G or the former English 1024E 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 1035E or 1036E or both of English 1027F/G and 1028F/G or the former English 1024E 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	Completion of first-year requirements, including 1.0 from English 1020E or 1022E or 1035E or 1036E or both of English 1027F/G and 1028F/G or the former English 1024E 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, 'Certificates and Diplomas.'

FILM STUDIES

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)

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	French 1900E or 1910 with a mark of at least 60%.
Specialization in French Studies	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	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, '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.

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 www.westerncalendar.uwo.ca, 'Faculties', 'Certificates and Diplomas'.</i>	

NOTES:

- A. 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.
- B. 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.
- C. 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 ▶ 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 www.westerncalendar.uwo.ca, 'Faculties', 'Certificates and Diplomas'.</i>	

VISUAL ARTS
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.

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 ▶ 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 ▶ 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.
Certificate in Writing, Certificate in Professional Communication, Diploma in Writing, Diploma in Professional Communication - visit the Academic Calendar at www.westerncalendar.uwo.ca , 'Faculties', 'Certificates and Diplomas'.	

Established 1954 ▶ Website: 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 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 (SECO) 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 (SECO) 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 SECO 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 SECO position.

For more information on Engineering Co-Op Programs – 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

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/ ▶ 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)
- ▶ Chemistry Grade 12U (SCH4U) is recommended

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, 1501A/B, Mathematics 1228A/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 BHSc 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/ ▶ 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 (offered through Brescia University College) (minor)

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 Podorthotics (in collaboration with Continuing Studies at Western and the Podorthic 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 these modules 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.

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/ ▶ 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

Denise Litzan; Health Sciences Addition H128; 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

Dean: T. Carmichael

Associate Dean: N. Dyer-Witheford

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

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 HBA 1 year. For more information, please visit the Academic Calendar website at www.westerncalendar.uwo.ca .
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 www.westerncalendar.uwo.ca .

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

Department of French Studies - UC 126

Co-Director Arts and Humanities: TBA

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);
TBA (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 ▶ 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

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.

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)
 - Areas of study: Composition, Music Education, Music Theory, Musicology
- ▶ 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

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

Web: 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 (ICS4M)

* *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 ▶ 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 bio 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.
Major in Applied Mathematics Major in Applied Mathematics 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.

MODULE	PREREQUISITE COURSES
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.
<i>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.</i>	

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 principle courses, with no mark in these principle courses below 60%, including: Biology 1001A and 1002B; Chemistry 1100A/B and 1200A/B; 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 ▶ 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.
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.

MODULE	PREREQUISITE COURSES
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: Applied Mathematics 1201A/B, 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B. 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, or Linear Algebra 1600A/B.	

CHEMISTRY

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 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 1200A/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%). 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 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%). This minor cannot be taken in combination with any other module offered by the Department of Chemistry.
Minor in Advanced Chemistry Minor in Physical, Theoretical and Analytical 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.)
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 ▶ 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, 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 ▶ 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: 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.
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: Calculus 1000A/B, 1100A/B or 1500A/B and one of Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 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 Year 1. If not taken in Year 1, Mathematics 1600A/B must be completed before the beginning of year three.

Earth Sciences *continued*

MODULE	PREREQUISITE COURSES
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: Chemistry 1100A and 1200B (with a minimum average of 60%); 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: 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 <u>and</u>, 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: Chemistry 1100A/B (with a minimum mark of 605); 1.5 courses (each with a minimum mark of 60%) from: Earth Science 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, or 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: Calculus 1000A/B, 1100A/B, or 1500A/B and one of Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; 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, 1200A/B, 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 at least 60%.

ENVIRONMENTAL SCIENCE

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 ▶ 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 2211A/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.

PHYSICS AND ASTRONOMY

www.physics.uwo.ca ▶ Physics and Astronomy 138G ▶ 519-661-3283

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 and Astronomy *continued*

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
Honors Specialization in Physics	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.
Honors Specialization in Astrophysics	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.
Honors Specialization in Medical Physics	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.
Honors Specialization in Materials Science	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.
Honors Specialization in Planetary Science	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.
Minor in Advanced Physics	This minor is available only to those students who will complete an Honors Specialization or Specialization in Physics, Astrophysics, or Medical Physics.
Minor in the Physics of Materials	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.
Major 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 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.
Major in Astrophysics	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.
Major in Medical 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 Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413. Students must complete Mathematics 1600A/B prior to the second term in Year 2.
Major in Materials Science Specialization in Materials Science Minor in Materials Science	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.
Major in Planetary Science Specialization in Planetary Science Minor in Planetary Science	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.
Specialization in Physics	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.
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.

MODULE	PREREQUISITE COURSES
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 ▶ 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 1220, 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 1220, 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

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 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. For general advice on which courses to take in Years 1-4, please visit the BMSc website at www.uwo.ca/bmsc.

ANATOMY AND CELL BIOLOGY

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 ▶ 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 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 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 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 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 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 ▶ 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
Four-Year BSc Honors or BMSc Honors Medical Biophysics	Students completing an Honors Specialization in Medical Biophysics (Medical Science 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.
Honors Specialization in Medical Biophysics (Medical Science Concentration)	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).
Honors Specialization in Medical Biophysics (Physical Science Concentration)	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).
Major in Medical Biophysics Minor in Medical Biophysics	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).
Specialization in Medical Biophysics	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 ▶ 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 ▶ 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.

Microbiology and Immunology *continued*

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.
<i>*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.</i> <i>**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.</i>	

PATHOLOGY
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.
<i>*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.</i> <i>**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.</i>	

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 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 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 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 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.
*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. **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.	

FACULTY OF SOCIAL SCIENCE

Established 1968 ▶ Social Science Centre ▶ 519-661-2053 ▶ Website: 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; Website: 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)

BACHELOR OF MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS)

Website: www.mos.uwo.ca ▶ Email: mos@uwo.ca ▶ Social Science Centre 3207 ▶ 519-661-2051 ▶ Fax: 519-850-2386

A unique program of its kind in Canada, the Bachelor of Management and Organizational Studies (BMOS) is a Four-Year multidisciplinary Degree combining management and social science courses using an evidence-based management approach and drawing on social science methodologies.

The BMOS Degree 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)*

- ▶ 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 BMOS modules when they apply for admission to the University. After first year, students registered in MOS may apply to a BMOS Specialization (BMOS Four-Year Degree) if a 65% cumulative average is attained. After first year, students registered in MOS 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 requirements(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.*

BMOS 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; 0.5 course: numbered 1000-1999; Additional first-year courses: 1.0 course from: Economics 1021A/B and 1022A/B; 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. (Restricted to BMOS students registered in the Honors Double Major)
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. (Restricted to BMOS students registered in the Honors Double Major)
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. (Restricted to BMOS students registered in the Honors Double Major)

Bachelor of Management and Organizational Studies *continued*

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, 1600A/B; 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. (Restricted to BMOS students registered in the Honors Double Major)
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; 0.5 course: numbered 1000-1999; Additional first-year courses: 1.0 course from: Economics 1021A/B and 1022A/B; 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. (Restricted to BMOS students registered in the Honors Double Major)

BMOS 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 MOS 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 Honours 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, 1600A/B; 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; 1.0 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; 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.
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 while 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.

MODULE	PREREQUISITE COURSES
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.
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 ▶ 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

<http://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%.

MODULE	PREREQUISITE COURSES
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.
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> ▶ Social Science Centre 4328 ▶ 519-661-3645

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

Department of History ▶ 519-661-2111 ext. 84978

Latin American Studies Program Coordinator: Professor Luz Maria Hernandez-Saenz

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

<http://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

<http://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.

MODULE	PREREQUISITE COURSES
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.
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.
Honors Specialization in Animal Behaviour - 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.
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

<http://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 ▶ Somerville House 2319 ▶ 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 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

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
ENGLISH	
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 and 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 1220, 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 1220; 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	
Major in Accounting Major in Management and Organizational Studies Major in Organizational and Human Resources	Students may not apply to the BMOS Honors Double Major when they apply for admission to Brescia. Students may apply for admission upon successful completion of 5.0 first-year requirements, with an average of 70%, and no grade less than 60% in the 2.5 principal courses: 1.0 course: Business Administration 1220; 0.5 course: MOS 1020A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B.
Specialization in Finance and Administration	0.5 course: MOS 1020A/B; 1.0 course: Business Administration 1220; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 0.5 course: Computer Science 1032A/B (required for the Diploma in Accounting), or one other half-course in Computer Science numbered 1020-1099; 1.0 course: Economics 1021A/B and 1022A/B, or 1020; 1.0 designated essay first-year course from: Anthropology, English, Geography, History, Philosophy, Political Science, Religious Studies, or Sociology. Note: If MOS 1020A/B has not been completed, a substitute half course in Year 1 will be calculated in the admission average, but MOS 1020A/B must be completed prior to graduation.

MODULE	PREREQUISITE COURSES
Specialization in Finance and Administration with French	0.5 course: MOS 1020A/B; 1.0 course: Business Administration 1220; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 0.5 course: Computer Science 1032A/B (required for the Diploma in Accounting), or one other half-course in Computer Science numbered 1020-1099; 1.0 course: Economics 1021A/B and 1022A/B, or 1020; 1.0 course: French 1900E or French 1910. (Note: a mark of at least 60% or permission of French Department is required). Note: If MOS 1020A/B has not been completed, a substitute 0.5 course in Year 1 will be calculated in the admission average, but MOS 1020A/B must be completed prior to graduation.
Specialization in Organizational and Human Resources	0.5 course: MOS 1020A/B; 1.0 course: Business Administration 1220; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B; 0.5 course: Computer Science 1032A/B (required for the Diploma in Accounting), or one other half-course in Computer Science numbered 1020-1099; 1.0 course: Psychology 1000; 1.0 course: Sociology 1020 or 1021E. Note: If MOS 1020A/B has not been completed, a substitute half course in Year 1 will be calculated in the admission average, but MOS 1020A/B must be completed prior to graduation.
Specialization in Organizational and Human Resources with French	1.0 course: Business Administration 1220; 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: Psychology 1000; 1.0 course: Sociology 1020 or 1021E; 1.0 course: French 1900E or 1910.
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: www.huronuc.on.ca

Principal: S. McCatchie

Dean of Arts and Social Science: M. Blagrove

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

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 Literature
- ▶ Major and Minor in East Asia Studies
- ▶ Minor in Japan Studies; China Studies; Japanese Studies; and Chinese Studies

History

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

For More Information

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

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
- ▶ Psychology/HBA Combined Degree Program

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

Principal: D. Sylvester

Dean: C. D. Dutrizac

MODULE	PREREQUISITE COURSES
CANADIAN STUDIES	
Minor in Canadian Studies	Completion of first-year requirements with no failures, including 3.0 principal courses with a minimum average of 60%.
CATHOLIC STUDIES	
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.
CHILDHOOD AND SOCIAL INSTITUTIONS	
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.
ECONOMICS	
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 1220, 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), and 1.0 or two 0.5 courses from Applied Mathematics, Calculus, or Mathematics. *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.
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 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%.
JEWISH STUDIES	
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)
MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS SPECIALIZATION	
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 1220; 0.5 course from: Calculus 1000A/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 1220; 0.5 course from: Calculus 1000A/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.	
MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS DOUBLE MAJOR	
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 1220; 0.5 course from: Calculus 1000A/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.	
MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) FOUR-YEAR SPECIALIZATION	
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 1220; 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 1220; 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 1220; 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%.
RELIGIOUS STUDIES	
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%.
SOCIAL JUSTICE AND PEACE STUDIES	
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.
SOCIOLOGY (Includes Criminology)	
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%.
SCHOOL OF SOCIAL WORK	
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.
THANATOLOGY	
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.
WORLD RELIGIONS AND CULTURES	
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.

Second-Level Entry Professional Programs

RICHARD IVEY SCHOOL OF BUSINESS

Established 1922 ▶ Website: www.ivey.uwo.ca

Dean: C. Stephenson

Associate Dean: E. Morse

Undergraduate Program Director: M. Heisz

HBA Program Office Director: A. Cramp

HBA PROGRAM OFFICE

Richard Ivey School of Business 2G02

Telephone: 519-661-4111; Fax: 519-850-2521

Website: www.ivey.uwo.ca/hba

8:30 am-4:00 pm; Appointment preferred.

HBA PROGRAM

There are two routes to getting admitted to the HBA Program, by applying during the second year of university or by conditional acceptance through the Advanced Entry Opportunity (AEO).

Admission Requirements

Successful completion of no fewer than ten courses of university study. The required courses are:

- ▶ One Grade 12 Mathematics course for university bound students (or Mathematics 0110A/B, or Mathematics 1229A/B)
- ▶ Business Administration 2257 with a minimum of 70%
- ▶ Demonstrated leadership in extracurricular activities, community involvement, and work experience.

Application Deadline - HBA

End of January, during second year of university.

Limited Enrollment Program

2011-2012

Number of applicants: 965; Number of registrants: 530

Minimum average to be considered: 70%; Competitive average is 80% on 10.0 university courses in a full time course load.

ADVANCED ENTRY OPPORTUNITY (AEO)

The AEO offers conditional acceptance to the Ivey Business School to outstanding students from secondary school. When applications are being assessed, an applicants' extracurricular involvement is equally as important as academic performance. All applications are carefully reviewed and decisions are made on the basis of all data available and not solely on prior academic performance.

All applicants must meet the admission requirements to first year at Western. Students must have an offer from Western in order to be considered for an Ivey AEO offer. The Registrar's Office notifies applicants separately about their admission to first year at Western.

Admission Requirements - AEO

- ▶ An average of 90% or higher in your final year of secondary school.
- ▶ One Grade 12 Mathematics course for university bound students.
- ▶ Demonstrated leadership in extracurricular activities, community involvement, and work experience.

Application Deadline - AEO

Students interested in Ivey's AEO must indicate a Western program as one of their choices on the outline OUAC application and also indicate their interest in applying for Ivey's AEO. Students must also apply separately to the Richard Ivey School of Business (through the Inside Track) at www.ivey.uwo.ca/hba by the deadline in mid-January (please see Ivey's website for the deadline date).

To progress to Ivey HBA in third year, Ivey AEO students need to:

- ▶ Enroll at Western or one of the affiliated university colleges for years 1 and 2 with a full course load (5.0 full courses) each year. Permission to register for an online course will be granted by the HBA Program Services Office only under special circumstances.
- ▶ Achieve an overall two year average of 80.0% in 10.0 full university credits in any faculty, in any program or module.
- ▶ Enroll in a module and take a minimum of 2.0 of the required courses for that module plus Business 2257 in year 2.
- ▶ Take all senior (2000 and higher) level courses in year 2 including Business 2257. Permission to register for a first year course in year 2 will be granted by the HBA Program Services Office only under special circumstances.
- ▶ Achieve no less than 70% in Business 2257 taken between September and April of year 2.
- ▶ Complete the equivalent of a Grade 12-U level mathematics course, if not taken during secondary school.
- ▶ Continued involvement, achievement, and leadership in extracurricular activities in years 1 and 2.
- ▶ Complete an Ivey AEO Update form between years 1 and 2 so that Ivey can provide feedback on progression to date;
- ▶ Complete the Ivey AEO Intent to Register form in year 2 to confirm your intention to join the Ivey HBA Program in year 3.

Undergraduate Degree Offered

- ▶ Honors Bachelor of Arts (BA): 4-year

Dual Degree Programs

Limited enrollment undergraduate dual degree programs offered with Ivey's HBA include: Law, Engineering, Health Sciences, Medical Sciences, MIT, Arts and Humanities, Sciences, Kinesiology, Economics, Psychology, Huron Psychology, Political Science, and Global Studies (Huron only). Please email dualdegrees@ivey.ca for further information.

Exchange Programs

The Richard Ivey School of Business is positioned among the world's leaders in management education. You may spend one term in the fourth year on an exchange at a business school in Australia, Austria, Belgium, Brazil, Czech Republic, Denmark, England, Finland, Germany, Hong Kong, Hungary, Italy, Korea, Mexico, Netherlands, Norway, Poland, Portugal, Singapore, Spain, Sweden, Switzerland, Taiwan or Thailand.

DENTISTRY

Schulich School of Medicine & Dentistry ▶ 519-661-3744 ▶ Website: www.schulich.uwo.ca/dentistry

Dean: M. Strong
Director: H. Sandhu

Admissions & Student Affairs Office

Kresge Building, Room 1 (K1)
519-661-3744
E-mail: admissions.dentistry@schulich.uwo.ca
Website: www.schulich.uwo.ca/dentistry/ddsadmissions

The Schulich School of Medicine & Dentistry provides a four-year program leading to the Doctor of Dental Surgery degree. The program ensures that graduates acquire the skills and knowledge to move confidently into general dental practice. Students are also well prepared in the scientific background required for continued professional education and intellectual growth.

Admission Requirements

Current Requirements:

Applicants must have completed a minimum of three years of their university program and will need to have successfully completed a 4-year undergraduate program before entry into the DDS program. Applicants

must successfully complete a full course in Physiology (ie. Physiology 2130 Human or 3120 Human), at least a half laboratory course in Organic Chemistry, and a half-course in Biochemistry. It is to their advantage to have completed 1.0 laboratory course in Biology, Chemistry, and Physics. Please see website: <http://www.schulich.uwo.ca/dentistry>. The Dental Aptitude Test is required. Schulich Dentistry requires an interview as part of the admissions process.

Note: Up to four positions are available for international students. International students must satisfy Western's admission requirements, including English language proficiency.

Application Deadline

December 1 annually

Limited Enrollment Program

2011-2012

Number of applicants: 595; Number of registrants: 56
Minimum admission average: 80% (best two years)

Degree Offered

- ▶ Doctor of Dental Surgery (DDS): 4-year

EDUCATION

Established 1974 ▶ John George Althouse Faculty of Education Building ▶ 519-661-3182 ▶ Website: www.edu.uwo.ca

Dean: Vicki Schwan
Associate Dean (Undergraduate and Preservice): Margaret McNay

Western's Faculty of Education provides a solid background of academic courses and professional workshops combined with extensive and varied practicum experiences. We offer a strong sense of community and rich opportunities for professional growth. Our programs will help you cultivate the qualities of a professional educator and the knowledge and skills to be a leader in education.

Preservice Admission Requirements

The minimum requirement for the Bachelor of Education program is a 3-year degree with an overall "B" average (70%), but preference is given to candidates who are graduates from 4-year programs, or their equivalent. Graduate courses are not used for calculation of averages but are taken into consideration when assessing subject area background. For the greatest flexibility in program and career choices, we strongly recommend completion of a 4-year twenty credit degree. Preference is given to applicants who have the greatest strength in the subject areas they wish to teach.

Admissions are based primarily on academic standing, but the Faculty takes experiential qualifications into consideration in the final selection process. Check the Faculty's website for detailed information.

Candidates should be aware that, due to competition for places, actual admission levels may be significantly above the minimum academic requirements.

A degree is not required for the Diploma in Education (Technological Education) program. For admission requirements, please see the Education website at www.edu.uwo.ca.

Application Deadline

December 1st each year. {If December 1 falls on a weekend please refer to www.edu.uwo.ca/preservice/apply.html for the deadline date.} On-line applications are available in mid-September each year from:

The Teacher Education Application Service
Ontario Universities Application Centre
Website: www.ouac.on.ca/TEAS
Tel: 519-823-1063

Degree and Diploma Offered

- ▶ Bachelor of Education (BEd)
- ▶ Diploma in Education (Technological Education) DipEd

Graduate Program

- ▶ Master of Education (MEd)
- ▶ Doctor of Philosophy (PhD)

Continuing Teacher Education Program

- ▶ Additional Qualifications courses for teachers

Limited Enrollment Program

2011-2012

Number of applicants: 3300
Number of registrants: 700
Minimum admission average: 70%

Established 1885 ▶ Josephine Spencer Niblett Building ▶ 519-661-3347 ▶ Website: www.law.uwo.ca

Dean: I. Scott

Associate Dean (Academic): C. Brown

Associate Dean (Research, Graduate Studies and Operations): M. Perry

Director of Admissions: B.E. Theobald

Western Law prepares national and international leaders in the practice of law, business and the public service. We consistently have one of the best articling placement records of any Canadian law school with close to 100 per cent placement of students seeking articles over the past several years.

Unlike law schools in larger metropolitan areas, Western Law is not a commuter school. Students tend to come to school and stay for the day, socializing in our lounges, cafeteria, library, and computer labs, which lends a vibrancy to student life that is not always the norm in law school. The relatively small size of the school (approximately 500 students) provides a close-knit supportive atmosphere where professors and students also interact outside of the classroom.

A broad core curriculum sets Western Law apart from other Canadian law schools. First-year students are required to take eight introductory courses that lay the foundation for further legal studies. They include Constitutional Law, Contracts, Criminal Law, Foundations of Canadian Law, Legal Ethics & Professionalism, Legal Research Writing & Advocacy, Property, and Torts. It is in these substantive courses that students are introduced to legal doctrine and to the analytical art of "thinking like a lawyer." After first year, students must take Civil Procedure, Corporate Law, and three of the following courses: Administrative Law, Evidence, Income Taxation, Public International Law, and Trusts. Many law firms prefer Western Law graduates because of the comprehensive background they receive by virtue of the core curriculum.

First-year students take one course in a small group of no more than 20 students led by a professor and two teaching assistants. This Small Group Program was designed to provide an intensive and interactive learning environment and enables students to develop skills in legal analysis, legal research and legal expression.

The January Term, a Western Law innovation, is designed to provide an intensive, active learning experience for every student in the Faculty. Typically, upper-year January Term courses are taught by high profile practicing lawyers and visiting faculty from law schools around the world.

Advocacy and practical training opportunities abound at Western Law, with internal and external advocacy competitions, the Dispute Resolution Centre, Sport Solution, Community Legal Services Clinic, Western Business Law Clinic, Pro Bono Students Canada, client counselling competitions, and negotiation competitions, to name a few.

Admission Requirements

1. A degree from a recognized university.
2. Law School Admission Test Score (LSAT).

Application Deadline

November 1

Limited Enrollment Program

2011-2012

Number of applicants: 2,700

Number of registrant: 174

Admission average: 83%

Degrees and Diploma Offered

- ▶ Juris Doctor (JD)
- ▶ Honors Business Administration/ Juris Doctor (HBA/JD)
- ▶ Bachelor of Science (Computer Science)/Juris Doctor (BSc/JD)
- ▶ Bachelor of Engineering Science/Juris Doctor (BESc/JD)
- ▶ Bachelor of Arts (History)/Juris Doctor (BA/JD)
- ▶ Bachelor of Arts (Kinesiology)/Juris Doctor (BA(Kin)/JD)
- ▶ Bachelor of Arts (Media Information and Technoculture)/Juris Doctor (BA/JD)
- ▶ Bachelor of Arts (Political Science)/Juris Doctor (BA/JD)
- ▶ Juris Doctor/Master of Business Administration (JD/MBA)
- ▶ Juris Doctor/Master of Science (Computer Science) (JD/MSc)
- ▶ Diplôme de Français Juridique

Special Programs

- ▶ Joint Program with l'Université Laval, Quebec City
- ▶ Combined Degree Program with the University of Groningen, the Netherlands (JD(UWO)/LLM(RuG))
- ▶ Combined Degree Program with the University of Auckland, New

Zealand (JD(UWO)/MLS(Auckland))

- ▶ Dual-Credential Degree Program with NALSAR University of Law, Hyderabad, India (LLM/M.Phil (UWO/NALSAR) and LLM/LLM (NALSAR/UWO))

Areas of Concentration

- ▶ Business Law
- ▶ Intellectual Property, Information and Technology Law

Exchange Programs

- ▶ Australian National University; Canberra, Australia
- ▶ Case Western Reserve University; Cleveland, Ohio, USA
- ▶ Emory University; Atlanta, Georgia, USA
- ▶ ESADE, Universitat Ramon Llull; Barcelona, Spain
- ▶ NALSAR University of Law; Hyderabad, India
- ▶ National University of Singapore; Singapore
- ▶ Southwestern Law School; Los Angeles, California, USA
- ▶ Stockholm University; Stockholm, Sweden
- ▶ University of Auckland; Auckland, New Zealand
- ▶ University of Copenhagen; Copenhagen, Denmark
- ▶ University of Groningen; Groningen, The Netherlands
- ▶ University of Hong Kong; Hong Kong, China
- ▶ University of Leeds; Leeds, United Kingdom
- ▶ The University of New South Wales; Sydney, Australia
- ▶ The University of Nottingham; Nottingham, United Kingdom
- ▶ University of Otago; Dunedin, New Zealand
- ▶ The University of Queensland; Brisbane, Australia
- ▶ Université Laval; Quebec City, Canada
- ▶ Université Jean Moulin - Lyon 3; Lyon, France
- ▶ Washington and Lee University; Lexington, Virginia, USA
- ▶ Washington College of Law, American University; Washington, D.C., USA

Schulich School of Medicine & Dentistry ▶ 519-661-3744 ▶ Website: www.schulich.uwo.ca/admissions/medicine

Dean: M. Strong

Assistant Dean, Admissions: R. Hammond

Assistant Dean, Student Affairs: M. J. Rieder

Admissions & Student Affairs Office

Kresge Building, Room 1 (K1)

519-661-3744

E-mail: admissions.medicine@schulich.uwo.ca

Website: www.schulich.uwo.ca/admissions/medicine

OMSAS: www.ouac.on.ca/omsas/

Admission Requirements (MD Program)

Programs of Study: Windsor and London

The Doctor of Medicine Program runs simultaneously from two locations: London, Ontario and Windsor, Ontario. Each year, a part of the admitted class will complete all of their academic studies through the Windsor program and graduate from The University of Western Ontario. The Windsor program is a partnership between The University of Western Ontario, The University of Windsor, and the London and Windsor hospitals.

The Schulich School of Medicine & Dentistry will consider applications to its first year medical program from individuals who are currently (or were) registered in a Doctor of Medicine program (or equivalent) elsewhere. Applicants in this situation will be required to meet the same criteria as other applicants to the Schulich Medicine Program.

Enrollment is limited and admission is competitive. To be eligible to apply, students must meet the following requirements:

- ▶ Be a Canadian Citizen or Permanent Resident of Canada
- ▶ Have completed or currently be enrolled in a four-year honors degree program or equivalent at a recognized university. The honors degree must consist of 20 full or equivalent courses which must be completed by the end of the academic year (Sept-April) in which the application is being made.
- ▶ Within the degree as described above, the applicant must have completed at least two full academic years (taken September to April) consisting of 5 full courses (equivalent to 30 credit hours).
- ▶ The minimum Grade Point Average (GPA) and course load must be met in EACH of two undergraduate years. To be considered, each year must contain at least 3 full-course equivalents whose published academic level is at or above the year of study.
- ▶ Only those years in which at least five full or equivalent courses have been taken will be used in the calculation of the GPA.
- ▶ When students are required to take more than five full courses during any academic year (Sept-April), the best five courses will be used in the calculation of the GPA.
- ▶ Please check the Faculty's website for more information.

Interviews will be conducted beginning in March. Applicants who satisfy the course load, the GPA, and the MCAT requirements (obtaining the minimum in each of the four sections of the MCAT), as determined by the Admissions Committee each year, will have their applications reviewed carefully and will receive consideration for an interview.

Many factors contribute to the final determination of which applicants will be invited for an interview. Achieving the minimum GPA and MCAT scores does not guarantee an invitation to be interviewed.

The Schulich School of Medicine & Dentistry reserves the right to deny admission to any applicant whose facility in written and spoken English is judged to be inadequate.

Admission to the MD Program is based primarily on the academic undergraduate record, MCAT scores, and the interview score.

Although careful assessment is made of the academic record throughout all years at university, the academic marks obtained during two undergraduate years will be used to formulate your grade point average (five full courses in each year (30 credit hours), September - April, will be considered).

All applicants must arrange for verified results of the revised Medical College Admissions Test (MCAT) to be submitted directly to the Ontario Medical School Application Service (OMSAS). MCAT test results will be accepted provided the test was written no more than five years prior to the October application deadline.

Application Deadline

Applicants must have created an OMSAS account by mid-September and have submitted a completed application by the deadline in early October. (Subject to change. Refer to the OMSAS website for up-to-date information.)

Limited Enrollment Program

2011-2012

Number of applicants: 2301

Number of registrants: 171 (133 in London, 38 in Windsor)

Minimum admission GPA: 3.70 (for 2010-11 cycle, subject to change)

Degree Offered

- ▶ Doctor of Medicine (MD)
- ▶ Doctor of Medicine (MD) with Engineering
- ▶ Doctor of Medicine (MD) with PhD
- ▶ Doctor of Medicine (MD) with Oral Maxillofacial Surgery/Master of Science

Graduate Programs

Established 1947 ▶ Support Services Building 4180 ▶ 519-661-2102 ▶ gradinfo@uwo.ca ▶ Website: grad.uwo.ca

Vice-Provost (Graduate and Postdoctoral Studies): L. Miller

Associate Vice-Provosts: C. Beynon, S. Sims

Graduate students and postdoctoral fellows play an important role at Western. They are engaged, at the highest level, in learning the skills of independent scholars. Students in thesis-based programs conduct original research and make genuine contributions to their areas. Many students leave Western with a Master's or Doctor of Philosophy (PhD) degree to take on positions of leadership in the academic community, in research, and in the professions. For up-to-date information on the School of Graduate and Postdoctoral Studies, visit grad.uwo.ca

Admission Requirements

For Admission to Master's programs, applicants must possess a four-year degree from an accredited university. The School of Graduate and Postdoctoral Studies requires at least a 70% average in academic courses, taken in the last two full-time years of the undergraduate degree. Equivalent qualifications may be considered based on the standards of the discipline or profession.

For admission to Doctoral programs, applicants must possess a Master's degree or equivalent from a university, college or institute, and provide evidence of research potential. At least a 70% average in the Master's degree, is required as determined by the School of Graduate and Postdoctoral Studies. Individual programs commonly have higher admission standards than the minimum. Applicants should contact their program of choice to get information on its admission requirements.

Programs Offered

American Studies, Anatomy and Cell Biology, Anthropology, Applied Mathematics, Art and Visual Culture, Art History, Astronomy, Biochemistry, Biology, Biomedical Engineering, Biostatistics, Business, Chemical and Biochemical Engineering, Chemistry, Civil and Environmental Engineering, Classics, Communication Sciences and Disorders, Comparative Literature, Computer Science, Critical Studies in Global Film Cultures, Design and Manufacturing Engineering, Developmental Biology, Economics, Education, Electrical and Computer Engineering, English, Environment and Sustainability, Epidemiology and Biostatistics, Family Medicine, Foods and Nutrition, French, Geography, Geology, Geophysics, Health and Rehabilitation Sciences, Health Information Science, Hispanic Studies, History, Journalism, Kinesiology, Law, Legal Studies, Library and Information Science, Linguistics, Management (MSc), Mathematics, Mechanical and Materials Engineering, Media Studies, Medical Biophysics, Microbiology and Immunology, Migration and Ethnic Relations, Music, Neuroscience, Nuclear Engineering, Nursing, Occupational Therapy, Orthodontics, Pathology, Pharmacology and Toxicology, Philosophy, Physical Therapy, Physics, Physiology, Planetary Science, Political Science, Popular Music and Culture, Psychology, Public Administration, Scientific Computing, Social Work, Sociology, Statistics and Actuarial Sciences, Theology, Theoretical Physics, Theory and Criticism, Visual Arts, Women's Studies and Feminist Research.

Degrees Offered

Masters and/or Doctoral degrees are offered in most disciplines.

JOURNALISM

NCB 240 ▶ 519-661-4017 ▶ Website: www.fims.uwo.ca

Western is the only Canadian university offering a Master of Arts in Journalism degree that combines theory with hands-on experience and can be completed in twelve months. The MA in Journalism is a well-rounded, professional program that will prepare you for positions in newsrooms. The curriculum stresses a balance of academic and practical courses and offers a solid grounding in the tools and practices of print and broadcast journalism. The program is supported by full facilities for TV, radio and new media production. The Faculty's on-site Graduate Resource Centre provides access to sources of information journalists need in researching stories.

Admission Requirements

Applicants for admission to the Master of Arts program in Journalism must have a 4-year honors degree or equivalent with a minimum B standing in the final 2 years. Applicants are also required to submit 1,000 word autobiographical sketch, two letters of reference, a current résumé, and a portfolio of publications, if any. For further information refer to the Faculty of Information and Media Studies website at www.fims.uwo.ca.

Degree Offered

- ▶ Master of Arts (MA)

LIBRARY AND INFORMATION SCIENCE

NCB 240 ▶ 519-661-4017 ▶ Website: www.fims.uwo.ca

Admission Requirements

Applicants for admission to the Master of Library and Information Science program must have a 4-year honors degree or equivalent with a minimum B standing in the last 2 years of full-time study. Applicants are also required to submit two letters of reference and a current résumé. Applicants for admission to the PhD in Library and Information Science program must have a Master's degree in library and information science from an American Library Association accredited school, or have a

graduate degree in an allied field and agree to complete additional courses in library and information science.

For further information refer to the Faculty of Information and Media Studies website at www.fims.uwo.ca

Degrees Offered

- ▶ Master of Library and Information Science (MLIS)
- ▶ Doctor of Philosophy (PhD)

Elborn College 1510 ▶ 519-661-3227 ▶ Email: earmouth@uwo.ca ▶ Website: www.uwo.ca/fhs/csd

Western's School of Communication Sciences and Disorders (SCSD) prepares graduate students for careers in audiology and speech-language pathology. Audiologists and speech-language pathologists work with people who have hearing, speech, language, voice, swallowing and cognitive communication impairments. They also investigate the symptoms, causes, and treatments of such impairments, and conduct research into normal hearing, speech, language, voice, swallowing and communication mechanisms and processes.

Degrees Offered

- ▶ Master of Clinical Science (Audiology/Speech-Language Pathology)
- ▶ MSc and PhD degrees in Hearing Science and Speech & Language Science are offered through the Health and Rehabilitation Sciences Graduate program (www.uwo.ca/fhs/health_rehab_sci)

Application Process

Applications for the program must be complete (including all supporting documents) by January 6, 2012 for entry in the Fall of the next academic year.

The application (COMPASS.ERPAS) and complete instructions are available on-line through the Ontario Rehabilitation Sciences Program Application Service (ERPAS) at www.ouac.on.ca/orpas, a service of the Ontario Universities Application Centre.

Admission Requirements - Speech-Language Pathology

Entry to the graduate program in Speech-Language Pathology is on a competitive basis. Outstanding applicants holding an undergraduate degree will be considered. Such applicants must:

1. Have successfully completed a four-year degree prior to entering the program.
2. Have successfully completed at least one half year credit from each of the following:
 - i. Developmental Psychology or Child Development¹
 - ii. Introduction to Linguistics^{1,2}
 - iii. Statistics
 - iv. Human Anatomy, Human Physiology, Physiological Psychology, Neuroscience or equivalent.
 - v. Life/Biomedical/General Sciences that covers basic processes important for communication sciences and communication disorders. Acceptable courses include Anatomy, Neuroscience, Physiology, Physics, Biology, Pharmacology, or equivalent.
 - vi. Social Science/Psychology/Linguistics covering basic human processes important for communication sciences and communication disorders. Acceptable courses include: Physiological Psychology, Neuropsychology, Perception, Learning and Memory, Normal Lifespan Development, Cognition, Social Psychology, Abnormal Psychology, Language Acquisition, Phonetics, Phonology, Semantics, Syntax, Pragmatics, Introduction to Speech and Language Disorders, or equivalent.

¹ At least one of these courses must include a section on normal language acquisition/development.

² Must include a section on phonetics.

* It is recommended that applicants take additional courses listed in v. and vi.

3. Have maintained a minimum "B" average in the 10 full courses most recently completed.
4. Have completed a minimum of 14 hours of supervised experience in a setting that offers service to people with communication disorders and provide a completed Clinical Reference Form, included in the ERPAS application.

5. Provide at least two letters of academic reference. Applicants who have not taken courses at the university level for more than five years may provide references from employers or professional colleagues who are able to comment on their suitability for graduate studies.

Complete the "Statement of Intent" that is part of the ERPAS online application.

Admission Requirements - Audiology

Entry to the graduate program in Audiology is on a competitive basis. Outstanding applicants holding an undergraduate degree will be considered. Such applicants must:

1. Have successfully completed a four-year degree prior to entering the program.
2. Have successfully completed at least one half year credit from each of the following:
 - i. Developmental Psychology or Normal Lifespan Development
 - ii. Statistics
 - iv. Human Anatomy, Human Physiology, Physiological Psychology, Neuroscience or equivalent.
 - iv. Social Science/Psychology/Linguistics covering basic human processes important for communication sciences and communication disorders. Acceptable courses include: Physiological Psychology, Neuropsychology, Sensation, Perception, Learning and Memory, Normal Lifespan Development, Cognition, Social Psychology, Abnormal Psychology, Linguistics, Language Acquisition, Phonetics, Phonology, Semantics, Syntax, Pragmatics, or Introduction to Speech, Language, and/or Hearing Disorders.

* Students are strongly encouraged to have completed at least one course in mathematics, physics, or engineering science.

- (3) Have maintained a minimum "B" average in the 10 full courses most recently completed.
- (4) Have completed a minimum of 14 hours of supervised experience in a setting that offers service to people with communication disorders and provide a completed Clinical Reference Form, included in the ERPAS application.
- (5) Provide at least two letters of academic reference. Applicants who have not taken courses at the university level for more than five years may provide references from employers or professional colleagues who are able to comment on their suitability for graduate studies.

Complete the "Statement of Intent" that is part of the ERPAS online application.

OCCUPATIONAL THERAPY

Elborn College 2555 ▶ 519-661-2175 ▶ Email: czyzewsk@uwo.ca ▶ Website: www.uwo.ca/fhs/ot

The Occupational Therapy program is a two year, entry-level professional Masters program combining academic courses and fieldwork placements. Our program, based on the divergent case method, combines classroom and individual study with fieldwork, integrating the theoretical content with skills essential for practice. Integrate theory with practice under the direction of a registered occupational therapist during your fieldwork. Classroom experiences involve problem-solving sessions, case studies, independent study, and client interactions.

Admission Requirements

Requirements for admission include completion of a four-year undergraduate degree (or equivalent) with a minimum standing of "B" in the last ten full courses completed.

Degrees Offered

- ▶ Master of Science in Occupational Therapy MSc(OT)
- ▶ MSc and PhD degrees in Occupational Science are offered through the Health and Rehabilitation Sciences Graduate program (www.uwo.ca/fhs/health_rehab_sci)

Application Process

The application (COMPASS.ROPAS) and complete instructions are available on-line through the Ontario Rehabilitation Sciences Program Application Service (ROPAS), a service of the Ontario Universities' Application Centre.

PHYSICAL THERAPY

Elborn College 1588 ▶ 519-661-3360 ▶ Email: dbeer@uwo.ca ▶ Website: www.uwo.ca/fhs/pt

The School of Physical Therapy offers a Master of Physical Therapy (MPT), a two-year (24-month) professional degree combining academic courses and clinical placements.

The Master of Physical Therapy degree (MPT) provides a strong foundation in the behavioural and biosciences, as well as exceptional professional clinical placements. During your clinical training at Western, you will have the opportunity to interact with clients of all ages and with various degrees of physical impairment, disability or handicap. In London's world-class teaching hospitals and surrounding regional facilities, you will encounter a variety of clinical experiences in a wide range of practice settings, and will work with some of the top Physical Therapists in the field.

Admission Requirements

- ▶ The following are required for application to the Master of Physical Therapy (MPT) program:
 - ▶ Canadian Citizenship or Permanent Residency
 - ▶ A four year Bachelor's degree
 - ▶ Two standard letters of reference (the R1 form from the ROPAS application package)
 - ▶ Successful completion of the following university-level prerequisite courses, or equivalent:
 - 1.0 half-course in Human, Mammalian or Vertebrate Physiology (e.g. Western Physiology 1020, 1021, 2130, or equivalent)
 - 1.0 full course in general or introductory Science from Physical, Life or Health Sciences.
 - 1 half-course in English or Writing with an essay component
 - 1 half-course in Statistics, Research Methods, or Research Design
 - 1.0 full course (or two half course equivalents) from either Social Science or Liberal Arts or a half course from each.

Application Process

The application (COMPASS.ROPAS) and complete instructions are available on-line through the Ontario Rehabilitation Sciences Program Application Service (ROPAS), a service of the Ontario Universities' Application Centre.

Degrees Offered

- ▶ Master of Physical Therapy (MPT)
- ▶ Master of Clinical Science (MClSc)
- ▶ MSc and PhD degrees in Physical Therapy are offered through the Health and Rehabilitation Sciences Graduate program (www.uwo.ca/fhs/health_rehab_sci)

Affiliated University College Courses

Courses offered only at Brescia, Huron and King's are identified. Many non-science courses are also offered at the Affiliated University Colleges. For complete information about Affiliated University College courses, contact the appropriate Registrar.

Main Campus Course Residency Requirements

If you are a Main Campus student, you:

- ▶ cannot enroll in an Affiliated University College course if the same course is also taught on the Main Campus;
- ▶ cannot enroll in more than one course per session at an Affiliated University College.

If you are a part-time student, and are taking only one course, you cannot take the course at an Affiliated University College.

Exceptions

1. Foods and Nutrition students may take more than one Human Ecology course.
2. First Year students who are taking Social Work 1020 and 1030 in partial fulfillment of the admission requirements for the Social Work program.
3. Continuing Studies Certificate/Diploma programs which require courses that are available only at the Affiliated University Colleges: e.g., Thanatology.
4. In September, you may ask the Dean of your Faculty for special permission that grants you an exception to this regulation.

Equivalent Courses

The following courses are regarded as equivalent for prerequisite standing for senior courses or programs.

- ▶ Anthropology 020E or 1025F/G and 1026F/G
- ▶ Biology 1001A, 1201A
- ▶ Biology 1002,B 1202B
- ▶ Calculus 1000A/B, 1100A/B, 1500A/B
- ▶ Earth Sciences 1022A/B, 1023A/B, 1081A/B, 1083F/G, 1086F/G, 1088F/G, or 1089F/G (with a minimum mark of 70%)
- ▶ English 1020E, 1022E
- ▶ French 1900E, 1910
- ▶ Geography 1100 or any two of 1300A/B,

1400F/G, 1500F/G

- ▶ German 1030 or 1030W/X; and 2200 or 2200W/X
- ▶ History 1401E, 1403E, 1601E, 1701E, 1803E, 1805E
- ▶ Philosophy 1100E, 1200
- ▶ Psychology 1000, 1200
- ▶ Sociology 1020, 1021E
- ▶ Spanish 1030 or 1030W/X; and 2200 or 2200W/X

Faculty Abbreviations

A	Arts and Humanities
B	Richard Ivey School of Business
E	Engineering
ED	Education
H	Health Sciences
IMS	Information and Media Studies
L	Law
M	Schulich School of Medicine & Dentistry *
MU	Don Wright Faculty of Music
S	Science
SS	Social Science

** Courses offered by the Schulich School of Medicine & Dentistry may be substituted for courses offered by the Faculty of Science (with the exception of Pathology & Epidemiology and Biostatistics courses completed prior to May 2005).*

Course Numbering

0001-0999	Pre-University level Introductory courses*
1000-1999	Year 1 courses
2000-4999	Senior-level Undergraduate Courses

**These courses are equivalent to pre-university introductory courses and may be counted for credit in the student's record, unless these courses were taken in a preliminary year.*

Glossary

Prerequisite

A course that must be successfully completed prior to registration for credit in the desired course.

Corequisite

A course that must be taken concurrently with (or prior to registration in) the desired course.

Antirequisite

Courses that overlap sufficiently in course content that both cannot be taken for credit.

Essay Courses

Many courses at Western have a significant writing component. To recognize student achievement, a number of such courses have been designated as essay courses and will be identified on the student's record (E essay full course; F/G/Z essay half-course).

Module

A structured set of courses specified by a Department, Faculty or Affiliated University College to fulfill the requirements of an Honors Specialization, Specialization, Major or Minor.

Course Suffixes

No suffix	full course not designated as an essay course
A	first term half course
B	second term half course
A/B	first and/or second term half course
C	January courses in the Faculty of Law (4.0 credit weight)
D	February/March/April (FMA) courses in the Faculty of Law
E	essay full course
F	first term essay half course
G	second term essay half course
F/G	first and/or second term essay half course
H	1.0 accelerated course (8 weeks) in the School of Nursing
J	1.0 accelerated course (6 weeks) in the School of Nursing
K	0.75 course
L	0.5 graduate course offered in summer term (May-August)
Q/R/S/T	quarter courses
U	0.25 course offered in other than regular session
V	0.375 course in the Faculty of Education
W/X	first and/or second term full course (full course offered in one term)
Y	half course offered in other than a regular session
Z	essay half-course offered in other than a regular session

Breadth Requirements

For more information regarding these categories, please see 'First Year Requirements' and 'Breadth Requirements' under 'Graduation Requirements' on pages 2 and 3 of this Calendar (in the Academic Information section).

CATEGORY A

Social Science

Anthropology, Economics, Dimensions of Leadership, First Nations Studies, Geography, History, International Relations, Management and Organizational Studies, Political Science, Psychology, Sociology, Women's Studies.

Interdisciplinary and Multidisciplinary

American Studies, Childhood and Social Institutions, Dance, Education, Family Studies, Health Sciences, Interdisciplinary Studies, Centre for Global Studies, Kinesiology, Linguistics, Media and the Public Interest, Media, Information and Technoculture, Nursing, Rehabilitation Sciences, Social Justice and Peace Studies.*

Various

Business Administration, Foods and Nutrition, Human Ecology, Law, Music, Social Work, Thanatology

CATEGORY B

Arts and Humanities

Classical Studies, Comparative Literature and Culture, Film Studies, Italian Studies, Philosophy, Religious Studies, Speech, Theological Studies, Visual Arts History, Visual Arts Studio, Women's Studies, Writing.**

Languages

Arabic, Chinese, English, French, German, Greek, Hebrew, Hindi, Italian, Japanese, Korean, Latin, Polish, Portuguese, Russian, Spanish

CATEGORY C

Engineering

Chemical and Biochemical Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Engineering Science, Green Process Engineering, Mechanical and Materials Engineering, Software Engineering

Medical Science

Anatomy and Cell Biology, Biochemistry, Chemical Biology, Epidemiology and Biostatistics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, Neuroscience, Pathology, Pathology and Toxicology, Pharmacology and Toxicology, Physiology

Science

Actuarial Science, Applied Mathematics, Astronomy, Biology, Calculus, Chemistry, Computer Science, Differential Equations, Earth Sciences, Environmental Science, History of Science, Linear Algebra, Mathematics, Physics, Planetary Science, Statistical Sciences

Various

Communications Sciences and Disorders

**Students who completed Childhood and Family Relations, International and Comparative Studies, and Linguistics prior to September 1, 2007 are permitted to graduate with these courses recognized as Category B.*

*** Writing courses restricted to English as a Second Language students (e.g., Writing 0011F/G, 0012F/G, 0002F/G, 1021F/G, 1022F/G) do not qualify as Category B courses.*

For additional notes and information, please visit the Academic Calendar at www.westerncalendar.uwo.ca.

ACTUARIAL SCIENCE (S)

1021A/B - Introduction to Financial Security Systems

The nature and cause of financial security and insecurity; public, private and employer programs and products to reduce financial insecurity, including social security, individual insurance and annuities along with employee pensions and benefits.

Antirequisite(s): The former Actuarial Science 2421A/B.

3 lecture hours, 0.5 course. (Main)

AMERICAN STUDIES (SS)

1020 - An Introduction to American Studies

This course introduces students to the interdisciplinary study of the history, culture, and politics of the United States. It stresses how the national idea of America has evolved, and how artists, labourers, immigrants, Indigenous peoples, and others, have grappled with the conflicting definition of what it means to be "American."

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

ANTHROPOLOGY (SS)

1020E - Many Ways of Being Human

Students explore the human experience, past and present, by learning about differences and similarities in societies and cultures across time and space, including how we live, die, communicate, make sense of our lives, and interact with each other and the world around us.

Antirequisite(s): Anthropology 1025F/G, 1026F/G. 3 lecture hours, 1.0 course. (Main)

1025F/G - Introduction to Sociocultural Anthropology

An introduction to the basic concepts used in the anthropological study of non-Western social and cultural institutions that focuses on the unity and diversity of human experience. Topics include: kinship, economics, politics, religion, and the present-day conditions of indigenous societies. The ethnography of various peoples is discussed.

Antirequisite(s): Anthropology 1020E. 3 lecture hours, 0.5 course. (Brescia, Main)

1026F/G - Introduction to Biological Anthropology and Archaeology

An introduction to aspects of biological anthropology and archaeology which help us to understand the place of humankind in nature. Topics to be covered include heredity, human evolution and variability, archaeological method, the development of culture, the domestication of plants and animals, and the rise of civilization and the state.

Antirequisite(s): Anthropology 1020E. 3 lecture hours, 0.5 course. (Brescia, Main)

1027A/B - Introduction to Linguistics

Introduction to basic concepts and methods of modern linguistics. Topics include articulatory and acoustic phonetics, phonology, morphology, syntax and semantics. This course is a prerequisite for subsequent linguistics courses in the Department of Anthropology and/or the Linguistics program.

Antirequisite(s): Linguistics 2288A/B. 3 lecture hours, 0.5 course. (Main)

APPLIED MATHEMATICS (S)

1201A/B - Calculus and Probability with Biological Applications

Applications of integration, integration using mathematical software packages. Scaling and allometry. Basic probability theory. Fundamentals of linear algebra: vectors, matrices, matrix algebra. Difference and differential equations. Each topic will be illustrated by examples and applications from the biological sciences, such as population growth, predator-prey dynamics, age-structured populations.

Antirequisite(s): The former Mathematics 030, the former Calculus 1201A/B.

Prerequisite(s): One or more of Calculus 1000A/B, 1100A/B, 1500A/B or Mathematics 1225A/B. 3 lecture hours, 1 tutorial hour, 0.5 course. (Main)

1411A/B - Linear Algebra for Engineers

Matrix operations, systems of linear equations, linear spaces and transformations, determinants, eigenvalues and eigenvectors, applications of interest to Engineers including diagonalization of matrices, quadratic forms, orthogonal transformations.

Prerequisite(s): Ontario Secondary School MHF4U or MCV4U, the former Ontario Secondary School MGA4U, the former Mathematics 017a/b, the former Ontario Secondary School MCB4U or Mathematics 0110A/B. 3 lecture hours, 1 tutorial hour, 0.5 course. (Main)
For students in Engineering only.

1413 - Applied Mathematics for Engineers I

The calculus of functions of one and more variables with emphasis on applications in Engineering. **Antirequisite(s):** Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1225A/B, or the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MHF4U, MCV4U, the former Ontario Secondary School MCB4U or Mathematics 0110A/B. 3 lecture hours, 1 tutorial hour, 1.0 course. (Main)
Applied Mathematics 1413 is a suitable prerequisite for any course which lists Calculus 1000A/B plus Calculus 1501A/B. For students in Engineering only.

ARABIC (A)

1030 - Arabic for Beginners

An introduction to spoken and written Arabic with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Arabic. Prepares students for progression directly to Arabic 2250.

Antirequisite(s): Grade 12U Arabic. 4 hours, 1.0 course. (Huron)

ASTRONOMY (S)

1021 - General Astronomy

A general survey of astronomy including: the solar system and its constituents; stars, their basic properties and evolution; systems of stars including clusters, the milky way and other galaxies; the universe, its past, present and future structure; astronomical instruments; topics of current interest including pulsars, quasars, black holes.

3 lecture hours, 1.0 course. (Main)

BIOLOGY (S)

0010 - Biological Systems

In-depth study of the concepts and processes in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the development of skills and knowledge needed for further study Biology and related fields.

Antirequisite(s): Grade 12U Biology or any university level Biology course.

Prerequisite(s): High School Biology (Grade 11

Advanced Level or equivalent) and registration in the Preliminary Year programme at Brescia University College.

2 lecture hours, 3 laboratory/tutorial hours, 1.0 course. (Brescia)

1001A - Biology for Science I

The principles of biology taught using an integrative, question-based approach. Topics include inheritance, evolution and ecology. This course is intended for students registered in the Faculty of Science.

Antirequisite(s): Biology 1201A, Biology 1225, or the former Biology 1222, 1223

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department. A minimum mark of 80% in Grade 12 U Biology (SB14U) is recommended for students registered in a faculty other than the Faculty of Science.

2 lecture hours, 3 laboratory/tutorial hours. 0.5 course. (Main)

Note: The combination of Biology 1001A and 1002B (with appropriate marks) are the prerequisites for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science Departments.

1002B - Biology for Science II

The principles of biology taught using an integrative, question-based approach. This course is primarily intended for students enrolled in the Faculty of Science. Topics include enzyme structure/function, membrane structure/function, bioenergetics, photosynthesis, respiration, molecular genetics.

Antirequisite(s): Biology 1202B, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department. A minimum mark of 80% in Grade 12U Biology (SB14U) is recommended for students registered in a faculty other than the Faculty of Science.

2 lecture hours, 3 laboratory/tutorial hours. 0.5 course. (Main)

Note: The combination of Biology 1001A and 1002B (with appropriate marks) are the prerequisites for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments.

1201A - General Biology I

This course provides an understanding of fundamental biological concepts with emphasis on function in and relevance to humans. Topics include inheritance, evolution, ecology, behaviour, ecosystem health. This course is not available to students enrolled in the Faculty of Science (students registered in the Faculty of Science should select Biology 1001A).

Antirequisite(s): Biology 1001A, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department.

2 lecture hours, 3 laboratory/tutorial hours. 0.5 course. (Main)

Note: The combination of Biology 1201A and 1202B (with the appropriate marks) can be a prerequisite for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments.

1202B - General Biology II

This course provides an understanding of fundamental biological concepts with emphasis on function in and relevance to humans. Topics include molecular genetics, physiology, bioenergetics. This course is not available to students enrolled in the

COURSES OFFERED

Faculty of Science (students registered in the Faculty of Science should select Biology 1002B).

Antirequisite(s): Biology 1002B, Biology 1225, or the former Biology 1222, 1223.

Prerequisite(s): Grade 12U (SB14U) Biology or Grade 11U (SB13UA) Biology and permission of the Department.
2 lecture hours, 3 laboratory/tutorial hours. 0.5 course. (Main)

Note: The combination of Biology 1201A and 1202B (with appropriate marks) can be a prerequisite for senior Biology courses and admission to modules offered by the Department of Biology and the Basic Medical Science departments.

1225 - An Introduction to the Biology of Organisms

A study of the whole organism with emphasis on organization, growth, development, integration, reproduction and heredity.

Antirequisite(s): Biology 1001A, 1002B, 1201A, 1202B, the former Biology 1222, 1223.
3 lecture hours, 1.0 course. (Main)

Biology 1225 is not intended to serve as a prerequisite for other Biology courses and will not fulfill the requirements for entry into the Biology modules.

Offered only by Distance Studies.

1229F/G - Biology: The Secrets of Life

This course will provide a broad background of the history and main areas of biology, before embarking on a series of case studies and guest lectures including life in extreme environments, Antarctica, invasive species and extinctions.

3 lecture hours, 0.5 course. (Main)

For non-Science students. May not be taken for credit by students registered in either the Faculty of Science or the Schulich School of Medicine and Dentistry.

1290B - Biology and Microorganisms

The fundamental principles of biology with emphasis on cell function and the role of microorganisms in public health, sanitation, food, and nutrition. Restricted to Food and Nutrition modules or by permission of the Department of Biology.

Prerequisite(s): Grade 12U (SB14U) Biology.
2 lecture hours, 1 tutorial hour, 0.5 course. (Main)

Note: May not be taken for credit by students registered in any modules offered by either the Faculty of Science or the Schulich School of Medicine & Dentistry.

BUSINESS ADMINISTRATION(B)

1220E - Introduction to Business

Business 1220E, offered by the Ivey Business School, gives students from all faculties the opportunity to learn business fundamentals in finance, marketing, operations, organizational behavior and general management. The course is delivered using Ivey's renowned case method, which challenges students to learn by doing, within an active class environment of no more than 85 students. Students explore real business issues, make management decisions, defend their position, and take action. This course will be particularly appealing to those students who want a glimpse of Ivey's unique learning experience.

Antirequisite(s): Business Administration 2295F/G, 2299E, the former Business Administration 1220, the former Business Administration 2299.

3 lecture hours, 1.0 course. (Brescia, Huron, King's, Main)

CALCULUS (S)

1000A/B - Calculus I

Review of limits and derivatives of exponential, logarithmic and rational functions. Trigonometric functions and their inverses. The derivatives of the trig functions and their inverses. L'Hospital's rules. The definite integral. Fundamental theorem of

Calculus. Simple substitution. Applications including areas of regions and volumes of solids of revolution.

Antirequisite(s): Calculus 1100A/B, 1500A/B, Applied Mathematics 1413, the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, Mathematics 0110A/B, or the former Ontario Secondary School MCB4U.

4 lecture hours, 0.5 course. (Brescia, Huron, King's, Main)

1100A/B - Calculus I with Fundamentals

Differential Calculus including limits, continuity, differentiation rules, implicit differentiation, related rates, maxima and minima, differentiation of exponentials and logs, and curve sketching. Derivatives of trig functions and their inverses.

L'Hospital's rule. The definite integral. Fundamental theorem of Calculus. Simple substitution. Area of regions and volumes of solids of revolution.

Antirequisite(s): Calculus 1000A/B, 1500A/B, Applied Mathematics 1413, the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MHF4U, MCV4U, Mathematics 0110A/B, or the former Ontario Secondary School MCB4U.

4 lecture hours, 1 tutorial hour, 0.5 course. (Brescia, Huron, King's Main)

Note: This course is intended for students with no previous experience of Calculus but it is open to those who have taken MCV4U or equivalent and wish to revisit introductory Calculus. It is equivalent to Calculus 1000A/B for prerequisite purposes.

1301A/B - Calculus II

For students requiring the equivalent of a full course in calculus at a less rigorous level than Calculus 1501A/B. Integration by parts, partial fractions, integral tables, geometric series, harmonic series, Taylor series with applications, arc length of parametric and polar curves, first order linear and separable differential equations with applications.

Antirequisite(s): Calculus 1501A/B, Applied Mathematics 1413.

Prerequisite(s): A minimum mark of 55% in one of Calculus 1000A/B, 1100A/B or 1500A/B.

4 lecture hours, 0.5 course. (Brescia, Huron, King's, Main)

1500A/B - Calculus I for the Mathematical Sciences

An enriched version of Calculus 1000A/B. Basic set theory and an introduction to mathematical rigour. The precise definition of limit. Derivatives of exponential, logarithmic, rational trigonometric functions. L'Hospital's rule. The definite integral. Fundamental theorem of Calculus. Integration by substitution. Applications.

Antirequisite(s): Calculus 1000A/B, 1100A/B, Applied Mathematics 1413, the former Mathematics 030.

Prerequisite(s): One or more of Ontario secondary school MCV4U, Mathematics 0110A/B or the former Ontario secondary school MCB4U.

4 lecture hours, 0.5 course. (Brescia, Huron, King's, Main)

1501A/B - Calculus II for Mathematical and Physical Sciences

Students who intend to pursue a degree in Actuarial Science, Applied Mathematics, Astronomy, Mathematics, Physics, or Statistics should take this course. Techniques of integration; The Mean Value Theorem and its consequences; series, Taylor series with applications; parametric and polar curves with applications; first order linear and separable differential equations with applications.

Antirequisite(s): Calculus 1301A/B, Applied Mathematics 1413.

Prerequisite(s): A minimum mark of 60% in one of Calculus 1000A/B, 1100A/B or 1500A/B.

4 lecture hours, 0.5 course. (Brescia, King's, Main)

CHEMISTRY (S)

0010 - Introductory Chemistry

This course is equivalent to Grade 12U Chemistry, studying the nature of scientific activity and the explanation of chemical reactions, modern atomic theory and molecular structure. This course is open only to students in the Preliminary Year.

Antirequisite(s): Grade 12U Chemistry.

Prerequisite(s): High school Chemistry at the advanced level.

2 lecture hours, 3 laboratory/tutorial hours, 1.0 course. (Brescia)

1024A/B - Chemistry for Engineers

This course provides a basic understanding of the following topics: gas laws; chemical equilibrium; acid-base equilibria; thermodynamics and thermochemistry; chemical kinetics; electrochemistry. Restricted to students in Engineering and Geophysics programs.

Antirequisite(s): Chemistry 1100A/B and Chemistry 1200B or the former Chemistry 1050, 1020 or 021, 023, 025.

Prerequisite(s): Grade 12 U (SCH4U) Chemistry.

3 lecture hours, 3 laboratory/tutorial hours, 0.5 course. (Main)

1027A/B - Chemistry in the News

This course provides the background knowledge required to make informed decisions about how chemistry is presented to the public through various media. Topics will include environmental concerns, forensic chemistry, sources of energy, the chemistry of drugs. No chemistry background required; intended primarily for students from Faculties other than Science

Antirequisite(s): Chemistry 1100A/B and Chemistry 1200B, or Chemistry 1024A/B, or the former Chemistry 1050, 1020 or 021, 023, 025.

2 lecture hours, 1 laboratory/tutorial/demonstration hour, 0.5 course (Main)

1100A/B - Discovering Chemistry I

An introduction and survey of the foundational principles and reactions in chemistry, highlighting their broader relevance and applicability in modern science. Topics may include: properties of the elements, chemical bonding, thermochemistry and thermodynamics and aspects of inorganic chemistry.

Antirequisite(s): Chemistry 1024A/B or the former Chemistry 1050, 1020, 023.

Prerequisite(s): Grade 12U (SCH4U) chemistry or grade 11U (SCH3U) Chemistry and permission of the department.

3 lecture hours, 3 laboratory/tutorial hours, 0.5 course (Main)

1200B - Discovering Chemistry II

A continued examination and survey of the principles and reactions in chemistry, highlighting their broader relevance and applicability in science.

Topics may include: structure and bonding in organic chemistry, transition metal chemistry, chemical equilibria, reaction kinetics and redox processes.

Antirequisite(s): Chemistry 1024A/B or the former Chemistry 1050, 1020, 023.

Prerequisite(s): Chemistry 1100A/B.

3 lecture hours, 3 laboratory/tutorial hours, 0.5 course (Main)

CHILDHOOD AND SOCIAL INSTITUTIONS

1020 - Introduction to Childhood and Social Institutions

An overview of the study of childhood in contemporary humanistic and social scientific disciplines. The course focuses on the concept of childhood as it is socially, historically, and culturally constructed. Emphasis is given to understanding children's perspectives, the discursive and structural position of childhood in modern culture and social institutions.

3 lecture hours, 1.0 course. (King's)

CHINESE

1150 - Beginners' Chinese 1

An introduction to oral and written standard Chinese for students with no previous knowledge of the language and no previous exposure to Chinese culture. Students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepares students for progression to Chinese 2250.

Antirequisite(s): Chinese 1151, 1152A/B, 1153A/B, the former Chinese 003, 004, 005a/b, 006a/b, the former ICS 007, Grade 12U Chinese or equivalent.

Prerequisite(s): Permission of the department.
4 hours, 1.0 course. (Huron)

1151 - Chinese 1

An introduction to oral and written standard Chinese for students with no previous knowledge of the language. Students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepare students for progression to Chinese 2251.

Antirequisite(s): Chinese 1150, 1152A/B, 1153A/B, the former Chinese 003, 004, 005a/b, 006a/b; Grade 12U Chinese or equivalent.

Prerequisite(s): Permission of the department.
4 hours, 1.0 course. (Huron)

1152A/B - Chinese 1

An introduction to oral and written standard Chinese for students with no previous knowledge of the language. In the sequence of Chinese 1152A/B and 1153A/B, students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepares students for progression to Chinese 1153A/B.

Antirequisite(s): Chinese 1150, 1151, the former Chinese 003, 004, 005a/b, 006a/b; Grade 12U Chinese or equivalent.

Prerequisite(s): Permission of the department.
4 hours, 0.5 course. (Huron)

1153A/B - Chinese 1

An introduction to oral and written standard Chinese for students with no previous knowledge of the language. In the sequence of Chinese 1152A/B and 1153A/B, students will learn approximately 400 characters, 40 sentence structures, basic grammar, and will be able to write short passages and conduct brief, informal dialogues. The pinyin romanization system will be introduced. Prepares students for progression to Chinese 2251.

Antirequisite(s): Chinese 1150, 1151, the former Chinese 003, 004, 005a/b, 006a/b; Grade 12U Chinese or equivalent.

Prerequisite(s): Chinese 1152A/B or permission of the department.
4 hours, 0.5 course. (Huron)

1650F/G - Perspectives on China

An examination of China as it emerges in the era of globalization. Contents include territory, people, society, language, science and technology, development and sustainability. Analysis of dominant and diverse realities will provide an essential basis for an appreciation of continuity and change in China. Students will learn how to access major sources of information and critically to evaluate perspectives and debates. Taught in English.

3 hours, 0.5 course. (Huron)

CLASSICAL STUDIES (A)

1000 - Classical Civilization

An introduction to the ancient world, with emphasis on the cultural and social life and achievements of Greece and Rome. Among the topics to be considered are: magic, religion, philosophy, literature, archaeology, architecture, art, the structure of society and the position of women, slavery, everyday life, law, sport, warfare, medicine.

3 lecture hours, 1.0 course (Main)

COMPARATIVE LITERATURE AND CULTURE (A)

1020 - From Homer to Picasso: Western Culture Across the Ages

A multi-media overview of the major writers, artists, thinkers, and composers that have shaped Western culture from ancient times to the twenty-first century. Figures studied include Homer, Dante, Michelangelo, Cervantes, Goethe, Dostoevsky, Picasso, Kafka, Borges.

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1023 - Sex and Culture

Drawing on literature, philosophy, art, and cinema, this introductory course will explore fundamental questions about human sexuality (e.g. What is the origin of sex?). Major works of the erotic imagination will be studied in relation to the cultures represented in them.

3 lecture hours, 1.0 course. (Main)

COMPUTER SCIENCE (S)

1011A/B - The Internet: Behind the Curtain

The technological successes that have led to the Internet's wide adoption for work and social purposes. The ways in which computer technology has led to more compact representation of data, and faster, more reliable and more secure communication. Intended primarily for students not in Computer Science.

Antirequisite(s): Computer Science 2210A/B.
3 lecture hours, 0.5 course. (Main)

1025A/B - Computer Science Fundamentals I

The nature of Computer Science as a discipline; the design and analysis of algorithms and their implementation as modular, reliable, well-documented programs written in an object-oriented language (Java). Intended for students with significant programming experience in at least one high-level block-structured or object-oriented language.

Antirequisite(s): Computer Science 1026A/B, Engineering Science 1036A/B, the former Computer Science 036a/b.
3 lecture hours, 0.5 course. (Main)

1026A/B - Computer Science Fundamentals I

The nature of Computer Science as a discipline; the design and analysis of algorithms and their implementation as modular, reliable, well-

documented programs written in an object-oriented language (Java). Intended for students with little or no background in programming.

Antirequisite(s): Computer Science 1025A/B, Engineering Science 1036A/B, the former Computer Science 036a/b.

3 lecture hours, 2 laboratory/tutorial hours, 0.5 course. (Main)

1027A/B - Computer Science Fundamentals II

A continuation for both Computer Science 1025A/B and Computer Science 1026A/B. Data organization and manipulation; abstract data types and their implementations in an object-oriented setting (Java); lists, stacks, queues, trees; pointers; recursion; file handling and storage.

Antirequisite(s): Computer Science 1037A/B.

Prerequisite(s): Computer Science 1025A/B or 1026A/B.

3 lecture hours, 1 laboratory/tutorial hour, 0.5 course. (Main)

1032A/B - Information Systems and Design

Techniques used for determining technological needs of businesses; building and managing systems to meet those needs; development roles of individuals and organizations; planning and management of concepts, personnel and processes; related software tools (spreadsheets, databases). Intended primarily for Management and Organizational Studies students.

Antirequisite(s): Management and Organizational Studies 1033A/B, the former Computer Science 031a/b.

3 lecture hours, 0.5 course. (Main)

1033A/B - Multimedia and Communication I

This course explores the use of different types of media (e.g., text, images, sound, animation) to convey ideas and facilitate interaction. Topics include the design and use of a range of software tools for media creation and editing, covering image, sound, animation and video. This knowledge will be applied to authoring web sites.

2 lecture hours, 2 laboratory/tutorial hours, 0.5 course. (Main)

1037A/B - Computer Science Fundamentals II

A continuation for Engineering Science 1036A/B and the former Computer Science 036a/b. Data organization and manipulation; abstract data types and their implementations in an object-oriented setting (C++); lists, stacks, queues, trees; pointers; recursion; file handling and storage. Intended for students in the Faculty of Engineering.

Antirequisite(s): Computer Science 1027A/B.

Prerequisite(s): Engineering Science 1036A/B or the former Computer Science 036a/b.

3 lecture hours, 2 laboratory/tutorial hour, 0.5 course. (Main)

DIMENSIONS OF LEADERSHIP

1031 - Exploring Leadership

An interdisciplinary course providing students with an introduction to the concept and history of leadership. Students will examine the philosophical, psychological and theoretical perspectives on leadership through readings, engagement with representative leaders, and experiential simulations and activities.

Antirequisite(s): The former Interdisciplinary Studies 1031.

3 lecture hours, 1.0 course. (Brescia)

EARTH SCIENCES (S)

1022A/B - Earth Rocks!

What our planet is made of, how it works, and how it affects us. Framed on the interactions of the lithosphere, hydrosphere, atmosphere and biosphere. Specific topics include: geological time and earth history; formation of rocks and minerals; rock deformation; volcanoes and earthquakes; plate tectonics and mountain building; natural resources.

Antirequisite(s): Earth Sciences 1070A/B, 1081A/B
2 lecture hours, 2 laboratory hours, 1 tutorial hour, 0.5 course. (Main)

1023A/B - Planet Earth: Shaken and Stirred

An overview of the origin and development of Earth and solar system; constitution and active processes of Earth interior; how these processes have shaped Earth evolution in the past and how they continue to control surface phenomena such as earthquake and volcanic activity. Labs will introduce the main resource exploration techniques.

Antirequisite(s): Earth Sciences 2123A/B, the former Earth Sciences 085a/b.
2 lecture hours, 3 laboratory hours, 0.5 course. (Main)

1070A/B - Introduction to the Geology and Resources of Earth

An introduction to geology covering rock forming minerals and rock forming processes: Emphasis will be placed on how mineral and hydrocarbon resources develop. A survey of the geological record is carried out to illustrate how resources are classified and distributed through time.

Antirequisite(s): Earth Sciences 1022A/B, 1081A/B
Only available online, 0.5 course. (Main)
Purchase of Rock and Mineral Kit required.

1081A/B - Resources, Environment and Sustainability in a Material Society

This course introduces students to the relationship between humans and their geological environment. Emphasis is placed on the evidence for perturbations of Earth's natural environments by humans that impact on our planet's future. Specific topics include utilization of natural resources, waste management, water quality, geological hazards, and global change.

Antirequisite(s): Earth Sciences 1022A/B, 1070A/B
2 lecture hours, 3 laboratory hours, 0.5 course. (Main)

1083F/G - Life on Planet Earth

Concepts of the development of life on Earth. Darwinian evolution and modern concepts of evolution. Genetics and evolution. Mode and rate of evolution. A survey of the vertebrate fossil record with focus on particular groups, including dinosaurs. Major extinction events in the fossil record. Origin of the geological time scale.

3 lecture hours, 1 tutorial hour, 0.5 course. (Main)

1086F/G - Origin and Geology of the Solar System

Our best perception of the origin of the Universe, the Milky Way Galaxy, and our Solar System, meteorites, asteroids, comets and the formation of planets. The slow growth of Planetary Science reason and analysis of hypotheses. Why and how Earth evolved along a path radically different than the other planets.

The equivalent of 3 lecture hours per week. Offered only online (see UWO Distance Studies); 0.5 course (Main)

1088F/G - A Foundation for Medical and Forensic Geology

Practical applications of the Earth Sciences to human welfare. Aspects of origin, natural concentration, and biological intake of earth materials are considered

and the significance of these substances to human health is discussed. Use of earth materials in surgery, treatment of disease and of Earth Science techniques to solve criminal cases are covered.

3 lecture hours, 0.5 course. (Main)

1089F/G Earth, Art and Culture

An examination of Earth materials used in the arts over the history of human culture. Topics include: Earth materials as media in the Visual Arts (pigments, stone and clay); rocks, minerals and fossils as motifs in famous works of art; landscape photography; gemstones and jewelry; earth materials in wine and cuisine, and modern technology.

3 lecture hours, 0.5 course. (Main)

ECONOMICS (SS)

1020 - Introduction to Economics

The problem of scarcity and its implications, choice; opportunity cost, specialization and exchange; supply and demand; economic choices of households and firms; competition and monopoly; resource markets; public policy; income distribution; national income; aggregate supply and aggregate demand; inflation, unemployment and interest rates; money and monetary institutions; balance of payments; and exchange rates.

3 lecture hours, 1.0 course. (Brescia, Huron, King's)

1021A/B - Principles of Microeconomics

The problem of scarcity and its implications, choice; opportunity cost, specialization and exchange; supply and demand; economic choices of households and firms; competition and monopoly; resource markets; public policy; income distribution.

Antirequisite(s): Economics 1020.

2 lecture hours, 1 tutorial hour, 0.5 course. (Brescia, Huron, King's, Main)

1022A/B - Principles of Macroeconomics

National income; aggregate supply and aggregate demand; inflation, unemployment and interest rates; money and monetary institutions; economic growth; balance of payments; and exchange rates.

Antirequisite(s): Economics 1020.

Pre- or Corequisite(s): Economics 1021A/B.

Students are strongly advised to take Economics 1021A/B before taking Economics 1022A/B.

2 lecture hours, 1 tutorial hour, 0.5 course. (Brescia, Huron, King's, Main)

ENGINEERING SCIENCE (E)

1021A/B - Properties of Materials in Engineering

An introduction to the relationship between the microstructure and engineering properties of metals, ceramics, polymers, semi-conductors and composites.

3 lecture hours, 1 tutorial hour, 0.5 course. (Main)

1022A/B/Y - Engineering Statics

Analysis of forces on structures and machines, including addition and resolution of forces and moments in two and three-dimensions. The application of the principles of equilibrium. Topics: trusses; frames; friction; and centroids.

3 lecture hours, 2 tutorial hours, 0.5 course. (Main)

1036A/B - Programming Fundamentals for Engineers

Designing, implementing and testing computer programs using a modern object-oriented language such as C++ to fulfill given specifications for small problems using sound engineering principles and processes. Awareness of the engineering aspects of the process of constructing a computer program.

Antirequisite(s): Computer Science 1025A/B,

1026A/B.

3 lecture hours, 2 laboratory hours, 0.5 course. (Main)

1050 - Introductory Engineering Design and Innovation Studio

Introduction to the principles and practices of professional engineering. The design studio fosters innovative thinking, improves problem solving, and provides context. Includes elements of need recognition, conceptualization, prototyping, and engineering design to satisfy commercial specifications. Emphasis on creativity, teamwork, communication and engineering skills necessary to practice in any engineering discipline.

3 lecture hours, 4 laboratory/tutorial hours, 2.0 full year course. (Main)

1150 - Engineering Summer Co-op

Provides Engineering undergraduates with a co-operative education placement in industry providing practical professional learning experience. Students are supervised by a practicing engineer and are required to submit performance evaluations and to write a final report on the work performed.

Prerequisite(s): Completion of first year of the Engineering program, 65% average and a solid academic record.

Non-credit. (Main)

ENGLISH (A)

0010 - Literature and Composition

This course is designed to introduce the student to the study of literature, including poetry, short stories, novels and plays. The course will encourage a critical approach to literature, with special attention to essay writing skills.

Antirequisite(s): Grade 12U.

Prerequisite(s): Grade 11U English (or equivalent).
3 hours, 1.0 course. (Brescia)

1020E - Introduction to English Literatures and Cultures

This course takes you on a journey through the genres, historical periods, and critical approaches to English. In lecture and small group tutorials, you will study major works of poetry, prose, and drama with attention to literary form and cultural contexts. Special emphasis on developing strong analytical and writing skills.

Antirequisite(s): English 1022E, 1035E.

Prerequisite(s): Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course.

3 hours, 1.0 course. (Brescia, Huron, King's, Main)

Note: At the time of printing, the Department of English was making changes to this course title and description. Please see online calendar for updated information.

1022E - Advanced Introduction to English Literatures and Cultures

This course provides an enriched survey of the major genres, historical periods, and critical approaches to English for students with a particular interest in literature and culture. In lecture and small group tutorials, you will study poetry, prose, and drama with special emphasis on developing superior analytical and writing skills.

Antirequisite(s): English 1020E, 1035E.

Prerequisite(s): 85% or better in Grade 12U English or permission of the Department.
3 hours, 1.0 course. (Main)

Note: At the time of printing, the Department of English was making changes to this course title and description. Please see online calendar for updated information.

1027F/G - The Storyteller's Art I: Introduction to Narrative

Storytelling defines who we are and our relation to the community, the nation, and the world. This course explores the rich and diverse traditions of storytelling: such as, oral tales, short stories, classic fiction, and graphic novels. Instruction by lecture and tutorials; emphasis on developing strong analytical and writing skills.

Antirequisite(s): English 1036E and the former 1024E.

Prerequisite(s): Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course.

3 hours, 0.5 course. (Brescia, Huron, King's, Main)

1028F/G - The Storyteller's Art II: Topics in Narrative

This course explores a particular theme, mode, or genre of storytelling. Consult the Department of English for details of current course offerings. Instruction is by lecture and tutorials; emphasis on developing strong analytical and writing skills.

Antirequisite(s): English 1036E and the former 1024E.

Prerequisite(s): Grade 12U English or permission of the Department. For part time students who have been admitted without the OSSD, this permission will be granted as a matter of course.

3 hours, 0.5 course. (Brescia, Huron, King's, Main)

1035E - Introduction to Literature: Reading, Interpretation, Argument

This course will examine, both formally and historically, the major generic groupings of literature: poetry, fiction, and drama. Its focus will be on the different kinds of reading that these demand. It will develop students' analytical skills through intensive and extensive reading and through writing that employs logical argument and an understanding of basic critical concepts.

Antirequisite(s): English 1020E, 1022E.

Prerequisite(s): Permission of the Department.

3 hours, 1.0 course. (Huron)

1036E - Forms of Narrative: From Epic to Film

An introduction to the study of narrative from the classical epic to contemporary film. Narrative forms such as myth, fable, parable, epic, romance, novel, satire, case-history, short story, and film will be examined in order to understand the distinguishing features of each form, but also the historical development of narrative art.

Antirequisite(s): English 1024E, 1027F/G, 1028F/G.

Prerequisite(s): Permission of the Department.

3 hours, 1.0 course. (Huron)

1901E - King's Foundations in the Humanities

This is the English Literature unit of the King's Foundations in the Humanities, which is supplemented by the study of art and music. It investigates influential works of literature from ancient to modern times through an interdisciplinary perspective, with special focus on innovations in literary form and cultural contexts.

Prerequisite(s): Must be registered in the King's Foundations in the Humanities.

Corequisite(s): History 1901E and Philosophy 1901E. 3 hours, 1.0 course. There may be additional costs associated with field trips. (King's)

ENVIRONMENTAL SCIENCE (S)

1021F/G - Environmental Issues

The science underlying environmental issues including climate change, waste management, endangered species and spaces, air and water

quality, and ecosystem health, is presented and discussed from a variety of perspectives.

Prerequisite(s): Priority will be given to students in their first year at Western.

3 lecture/tutorial hours, 0.5 course. (Huron, Main)

FAMILY STUDIES

1020 - Introduction to Family Studies

A multi-disciplinary approach to the family as a biological, social, economic, legal and political unit, continually changing and adapting to a variety of pressures. This course provides students with a broad grounding in the family in the current Canadian context, and examines cultural and historical variation.

3 lecture hours, 1.0 course. (Brescia)

FILM STUDIES (A)

1020E - An Introduction to Film

A broad introduction to the study of films that will teach the basic vocabulary of film studies, provide an overview of the types of film and videos being made, and examine various critical approaches. By considering a variety of texts, students will learn to analyze and discuss film and video.

5 hours including screening, 1.0 course. (King's, Main)

FIRST NATION STUDIES (SS)

1020E - Introduction to First Nations Studies

An interdisciplinary survey of First Nations issues, from academic and community perspectives including indigenous knowledge, historical background, oral history, socio-political context, arts, language and culture. Specific practical examples will be explored by researchers and community members actually engaged in their contemporary documentation and resolution.

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

FOODS AND NUTRITION

0010 - Introduction to Foods & Nutrition

An introductory course about foods and nutrition. Students will study nutrient content of food, food safety, and learn to apply nutrition recommendations throughout the life cycle. Emphasis will be placed on using credible resources of nutrition information.

Antirequisite(s): Grade 12U Nutrition in Perspective (HFA 4U) or any university level basic Nutrition course.

Prerequisite(s): High School Biology (Grade 11 Advanced Level or equivalent) and registration in the Preliminary Year Program at Brescia University College. (Brescia)

1021 - Nutrition for Modern Living

A survey of human nutritional needs including nutrient requirements, nutrient functions and sources of nutrients in foods. Maternal and infant nutrition, food additives, food legislation, world food problems, and other current topics.

Antirequisite(s): Foods and Nutrition 2121.

3 lecture/tutorial hours, 1.0 course. (Brescia)

Note: Background in Biology and Chemistry at Grade 11 or higher is strongly recommended. May not be used as credit for Foods and Nutrition or BSc Family Studies degree programs.

1030E - Fundamentals of Human Nutrition

An integrative study of the chemical nature, metabolic interactions and physiological roles of nutrients. Includes dietary requirements, sources of nutrients, current issues and concepts, local/

global food/nutrition problems and factors affecting them: consumer behavior, agricultural/industrial development, environment/population issues, national policies, and international agreements.

Antirequisite(s): Foods and Nutrition 1021, 2121, the former Foods and Nutrition 025a/b, 235a/b, 341a/b.

Prerequisite(s): Registration limited to students in the Foods and Nutrition programs or by permission of the Department.

3 lecture hours, 1.0 course. (Brescia)

FRENCH (A)

1002 - Intensive French

Grammar, composition, oral practice. This course is designed for students beginning French, or having a limited knowledge of French. Note that students who have successfully completed Grade 11 French or equivalent cannot take this course for credit.

Antirequisite(s): French 1101, Ontario Grade 11 French (Core, Extended or Immersion) or equivalent.

Prerequisite(s): Permission of Department of French Studies based on French Placement Test.

5 tutorial/laboratory hours, 1.0 course. (Brescia, Huron, King's, Main)

1010 - Intermediate French

Grammar review, composition, translation, oral practice. (One hour per week in the language laboratory may be required.) Note that students who have successfully completed Grade 12 French or equivalent cannot take this course for credit.

Antirequisite(s): French 1101, Ontario Grade 12 French (Core, Extended or Immersion) or equivalent.

Prerequisite(s): Ontario Grade 11 French (Core, Extended or Immersion) or equivalent, French 1002 or permission of the Department of French Studies. 3 or 4 tutorial hours, 1.0 course. (Brescia, Huron, King's, Main)

Note: Students who have Grade 11 French but have not taken French courses for more than 3 years, or have an average below 75% in Grade 11 French, should consult the Department of French Studies.

1101 - Intensive Reading Course

For students with little or no knowledge of French. This course meets the needs of students in scientific and professional faculties, and those envisaging graduate work, for whom a reading knowledge of French would be advantageous. Progression to further French courses only with permission of the Department.

Antirequisite(s): Grade 12U French, French 1010 or equivalent. Exceptions may be made under special circumstances.

3 lecture hours, 1.0 course. (Main)

1102A/B - Oral French I

Based on a communicative approach, the course aims to provide students with the means of improving their listening and speaking abilities.

Prerequisite(s): Grade 12U French, French 1010 or permission of the Department of French Studies. 3 lecture/tutorial hours, 0.5 course. (Main)

1103A/B - Oral French II

Based on a communicative approach, the course aims to provide students with the means of improving their listening and speaking abilities.

Prerequisite(s): French 1102A/B or permission of the Department of French Studies. 3 lecture/tutorial hours, 0.5 course. (Main)

1900E - French Language and Literature

This is the basic first-year course in French, providing training in language and literary studies.

Antirequisite(s): French 1910.

Prerequisite(s): Ontario Grade 12 French (Core,

COURSES OFFERED

Extended or Immersion) or equivalent, or French 1010 or permission of the Department of French Studies.

4 tutorial/laboratory hours, 1.0 course. (Brescia, Huron, King's, Main)

Note: Students who have Grade 12 French but have not taken French courses for more than 3 years, or have an average below 75% in Grade 12 French, should consult the Department of French Studies.

1910 - University French (Level I)

A study of the French language based on cultural, written material and basic grammar problems.

Antirequisite(s): French 1900E.

Prerequisite(s): Ontario Grade 12 French (Core, Extended, Immersion) or equivalent or French 1010 or permission of the Department of French Studies. 4 tutorial/laboratory hours, 1.0 course. (Brescia, Huron, King's, Main)

Note: Students who have Grade 12 French but have not taken French courses for more than 3 years, or have an average below 75% in Grade 12 French, should consult the Department of French Studies.

GEOGRAPHY (SS)

0010 - Geography of Canada

A systematic analysis of the geography of Canada with emphasis on the human aspects. Only for students registered in the Preliminary Year program.

Antirequisite(s): Grade 12 U Geography (or equivalent).

3 hours, 1.0 course. (Brescia)

0012 - Introduction to World Geography

An introduction to the study of world regions including an overview of selected thematic regions (e.g., climate, vegetation) and geographic realms. Basic geographic concepts will be highlighted throughout the course. Only for students registered in the Preliminary Year program.

3 hours, 1.0 course. (Brescia)

1100 - Fundamentals of Geography

A systematic descriptive introduction to the diverse elements of landscape including geomorphic, climatic, and biotic elements, human settlement and land-use patterns; cartographic approaches to the analysis of selected processes of landscape change; an introduction to the synthesis of elements and processes in spatial systems models.

Antirequisite(s): Geography 1300A/B, 1400F/G, or the former Geography 020E.

3 lecture hours, 1.0 course. (Brescia, King's, Main)

1300A/B - Physical Geography

Physical Geography examines the phenomena and processes of the Earth-atmosphere system that underlie human environment interactions and environmental change. Topics include: the atmosphere and fundamentals of weather and climate, water in the environment, Earth surface processes and biogeography.

Antirequisite(s): Geography 1100, 2131A/B, or the former Geography 020E.

2 lecture hours, 2 laboratory hours, 0.5 course. (Main)

1400F/G - People, Places and Landscapes

A systematic study of the patterns and places produced by human activity. Examines the spatial dynamics of social, cultural, economic and political processes and describes the resulting modification of the natural and built environments which create diverse human landscapes.

Antirequisite(s): Geography 1100 or the former Geography 020E.

2 lecture hours, 2 laboratory hours, 0.5 course. (Main)

1500F/G - Society and Nature

An introduction to the dynamics of environmental

change and human-environment relations through time. Using integrative case studies in different biomes (e.g. Amazonia, the Sahel, the Arctic), this course will explore physical processes and change and the role of human economies, and situate these in their broader spatial and temporal contexts.

2 lecture hours, 1 tutorial hour, 0.5 course. (Main)

GERMAN (A)

1030 - German for Beginners

Introduction to oral and written German for students with little or no previous knowledge of the language. Prepares student for direct progression to German 2200 or 2200W/X.

Antirequisite(s): Grade 12U German, German 1036 or the former German 002, 002w/x or 006.

4 hours, 1.0 course. (Main)

1030W/X - German for Beginners (Accelerated)

Introduction to oral and written German for students with little or no previous knowledge of the language. Prepares student for direct progression to German 2200 or 2200W/X. This accelerated course requires a very high level of commitment.

Antirequisite(s): Grade 12U German, German 1036 or the former German 002, 002w/x or 006.

Prerequisite(s): Permission of the Department. 8 hours, one semester, 1.0 course. (Main)

1036 - Reading German

For students who wish to acquire a reading knowledge of German. The course prepares students to read complex German texts in various fields.

Antirequisite(s): German 1030 or 1030W/X, Grade 12U German, or the former German 002, 002w/x or 006.

4 hours, 1.0 course. (Main)

GLOBAL STUDIES, CENTRE FOR (FORMERLY INTERNATIONAL AND COMPARATIVE STUDIES)

1000E - Introduction to Global Studies

An interdisciplinary course designed to introduce the student to the scope and method of global studies. The course focuses on the diversity of an increasingly interdependent world. Topics of transnational significance which highlight contrasts and similarities among the world's societies and cultures will be considered.

3 hours, 1.0 course. (Huron)

1021F/G - Introduction to Problems in Knowing the World

This course explores how our world views are formed in terms of theories and explanations of human history, geography, and identity. Students will consider how knowing the world is caught up with problems in mapping, narration, and cultural interpretation, emphasizing critical analysis of the impacts of European colonialism on modern international divisions.

Antirequisite(s): Centre for Global Studies 1000E. 3 hours, 0.5 course. (Huron)

1022F/G - Introduction to Globalization

This course offers an interdisciplinary introduction to the dominant material and cultural trends under the conditions of economic globalization. Key topics are labour in the global economy, the globalization of the capitalist mode of production, transnational resource flows, responses to inequality and resistance.

Antirequisite(s): Centre for Global Studies 1000E. 3 hours, 0.5 course. (Huron)

1023F/G - Introduction to Global

Development

This course is an introduction to the interdisciplinary field of international development studies with the focus on investigating the notion of "poverty". It will examine the roles of development organizations, states and civil society in addressing globally identified development issues through the negotiation of global development agendas.

Antirequisite(s): Centre for Global Studies 1000E, 2001F/G.

3 hours, 0.5 course. (Huron)

GREEK (A)

1000 - Introductory Ancient Greek

An introductory course in Ancient Greek covering the major points of grammar and syntax.

Antirequisite(s): The former Greek 002. Those students with Grade 12U level Ancient Greek must consult the Department before registering for this course

3 hours, 1.0 course. (Main)

HEALTH SCIENCES (H)

1001A/B - Personal Determinants of Health

This course focuses on health and wellness with an emphasis on increasing knowledge and awareness of a wide variety of health-related topics, as well as on improving individual health.

Antirequisite(s): The former Health Sciences 1000 or 021.

3 hours, 0.5 course. (Main)

1002A/B - Social Determinants of Health

This course introduces key social determinants of health, and orients students to viewing health in relation to social factors, equity, and social justice. Students will be introduced to basic terms, concepts, and measurements related to health, public health, population health, and health inequalities.

Antirequisite(s): The former Health Sciences 1000 or 021.

3 hours, 0.5 course. (Main)

HINDI (A)

1010 - Hindi 1

Introduction to oral and written Hindi for students with little or no previous knowledge of the language. Prepares students for direct progression to Hindi 2010: Hindi 2.

Antirequisite(s): OAC Hindi, or the former International and Comparative Studies 009.

4 hours, 1.0 course. (Huron)

1030 - Hindi for Beginners

Introduction to oral and written Hindi for students with little or no previous knowledge of the language.

Antirequisite(s): Hindi 1010 or Grade 12U Hindi.

4 hours, 1.0 course. (Main)

HEBREW

1030 - Hebrew 1

An introduction to oral and written modern Hebrew for students with little or no previous knowledge of the language. Prepares students for direct progression to Hebrew 2200 Hebrew 2.

Antirequisite(s): Grade 12 Hebrew, or equivalent level of secondary study.

4 hours, 1.0 course. (Huron)

1040A/B - Introduction to Biblical Hebrew

An introduction to the writing system and grammar of Biblical Hebrew for those with no previous knowledge of the language. Special attention will be paid to the noun, adjective, and participle.

Antirequisite(s): Hebrew 1030 or Grade 4 Hebrew (or Grade 2 in Israel); the former Hebrew 003a/b.

4 hours, 0.5 course. (Huron)

1041A/B - Introduction to Biblical Hebrew II

Continuation of Hebrew 1040A/B. An introduction to the grammar of Biblical Hebrew for those with little previous knowledge of the language. Special attention will be paid to forms of the verb.

Antirequisite(s): Hebrew 1030 or Grade 6 Hebrew (or Grade 3 in Israel); the former Hebrew 004a/b.

Prerequisite(s): Hebrew 1040A/B, the former Hebrew 003a/b, or permission of the Instructor.

4 hours, 0.5 course. (Huron)

HISTORY (SS)

0014 - History of Canada and the United States

A survey of the political and social highlights of North American society from 1600 to the present. Only for students registered in the Preliminary Year program.

Antirequisite(s): Grade 12U (or equivalent) History. 3 hours, 1.0 course. (Brescia)

1201E - Canada: A Survey

Examines Canadian experience from the earliest times to the present. Lectures and tutorials stress varied historical interpretations and divergent opinions concerning Canada's growth.

Antirequisite(s): History 2201E, the former 2207F/G. 3 hours, 1.0 course. (Brescia, Huron, King's)

1203E - Canada's External Relations, 1860-1990

A study of the most important aspects of Canada's diplomatic, commercial and missionary relations with the international community. Besides probing Canada's relations with the Commonwealth and the United States, the course will include analyses of Canada's relations with international organizations and with Europe, Asia, Africa, and Latin America. 3 hours, 1.0 course. (Huron)

1401E - Modern Europe, 1715 to the Present: Conflict and Transformation

Examines central events and themes of modern European history, including: origins and impact of the French and industrial revolutions; Napoleonic wars; liberalism and reaction; socialism; nationalism; women's emancipation movements; imperialism, national rivalries and world wars; the Russian Revolution, Communist rule, and the collapse of the Soviet Union; Nazism; European integration. 3 hours, 1.0 course. (Brescia, Huron, King's)

1403E - Totalitarianism

A survey of the totalitarian phenomenon in history with emphasis on twentieth-century totalitarian systems. The course will examine the similarities and differences of Nazis, Communists, and Italian Fascists, both in theory and in practice and with respect to foreign policy as well as domestic affairs.

Antirequisite(s): History 2145A/B. 3 hours, 1.0 course. (Brescia, Kings, Main)

1601E - Survey of East Asian History

The history of China, Korea and Japan from earliest development until modern times. The course emphasizes that although they are independent nations their histories are intertwined.

2 lecture hours, 1 tutorial hour, 1.0 course. (Huron, King's, Main)

1701E - Comparative History of Canada, the United States and Mexico

An introductory survey of nineteenth and twentieth century Mexican, Canadian, and American history, comparing and contrasting political, economic, and social development. Major themes may include

agrarian reform, the roles of women, centralism vs. federalism, the migration of peoples, political leadership, and the problems of poverty.

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1801E - Major Issues in World History

Designed to provide a broad historical background and to develop analytical skills, this course examines the major themes and ideas underlying the development of modern societies. Among areas of discussion will be the historical significance of migration patterns, cultures in both the east and the west.

3 hours, 1.0 course. (Huron, King's)

1803E - Introduction to the History of Business and Commerce

Examines the emergence of modern business techniques and structures in Europe from the late Middle Ages to the Industrial Revolution, and the further development of these techniques and structures in Canada.

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1805E - Science, Technology and Global History

A survey of global history with a focus on mathematics, science, technology, medicine and environment.

3 lecture hours, 1.0 course. (Main)

1810E - Wars that Changed the World

This course examines four transformational wars in the history of the world in detail, both in lectures and in small discussion groups that will also focus on the development of foundational analytical and writing skills. Topics include the implications and effects of war for civilians, trade, popular culture and technology.

2 lecture hours, 1 seminar hour, 1.0 course. (Main)

1901E - King's Foundations in the Humanities

The History unit of the King's Foundations in the Humanities introduces students to major processes, personalities, and events in the historical development of the modern world and what is described as "the West," while developing and refining students' fundamental skills in historical methodology.

Antirequisite(s): History 1801E.

Prerequisite(s): Must be registered in the King's Foundations in the Humanities.

Corequisite(s): English 1901E and Philosophy 1901E. 3 hours, 1.0 course. There may be additional costs associated with field trips. (King's)

INTERDISCIPLINARY STUDIES

0015 - Success in the University Environment

This course is designed to provide students who are registered in the Brescia University College Preliminary Year with opportunities to learn new abilities and upgrade skills needed to achieve success in the university environment. Successful completion of Interdisciplinary Studies 0015 is required to pass Preliminary Year at Brescia.

Prerequisite(s): Enrollment in Preliminary Year at Brescia University College.

1.5 hours, No Credit. (Brescia)

1000F/G - Introduction to Global Challenges

An introduction to key world-wide challenges in the areas of politics, economics, culture, and society. Topics may include human rights, international trade, globalization of disease, and environmental issues.

3.0 hours, 0.5 course. (Brescia)

1021E - Inquiry, Interpretation, Rhetoric

An interdisciplinary course for students in the humanities and social sciences. Through intellectually challenging projects focused on texts from multiple fields of inquiry, students will reflect critically on the production of knowledge and will gain substantial exercise and mentorship in interpretation, reading, research, writing, and oral expression.

1.0 course. (Huron)

ITALIAN (A)

1030 - Italian for Beginners

An introduction to oral and written Italian with emphasis on the development of communicative skills. No previous knowledge of Italian is required.

Antirequisite(s): Grade 12U Italian 4 hours, 1.0 course. (Main)

1030W/X - Intensive Italian for Beginners (Accelerated)

An introduction to oral and written Italian with emphasis on the development of communicative skills. No previous knowledge of Italian is required. This accelerated course requires a very high level of commitment.

8 hours, one semester, 1.0 course. (Main)

JAPANESE (A)

1036 - Japanese for Beginners

An intensive introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 2260.

Antirequisite(s): Grade 12U Japanese, Japanese 1050, 1051A/B, 1052A/B, the former Japanese 002, 003a/b, 004a/b, 006, the former ICS 006.

4 hours, 1.0 course. (Main)

1050 - Japanese I

An introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 2250.

Antirequisite(s): Japanese 1036, 1051A/B, 1052A/B, the former Japanese 002, 003a/b, 004a/b, 006, or the former International and Comparative Studies 006.

4 hours, 1.0 course. (Huron)

Those students with Grade 12U Japanese must consult the Department before registering for this course.

1051A/B - Japanese for Beginners (1)

An introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 1052A/B.

Antirequisite(s): Japanese 1036, 1050, the former Japanese 002, 003a/b, 006, the former International and Comparative Studies 006.

4 hours, 0.5 course. (Huron)

Those students with Grade 12U Japanese must consult the Department before registering for this course.

1052A/B - Japanese for Beginners (2)

An introduction to spoken and written Japanese with emphasis on the development of communicative skills. Intended for students with little or no previous knowledge of Japanese. Prepares students for progression to Japanese 2250.

Antirequisite(s): Japanese 1036, 1050, the former Japanese 002, 004a/b, 006, the former International and Comparative Studies 006.

Prerequisite(s): Japanese 1051A/B or the former

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Japanese 003a/b.

4 hours, 0.5 course. (Huron)

Those students with Grade 12U Japanese must consult the Department before registering for this course.

KINESIOLOGY (H)

1080A/B - Introduction to Psycho-motor Behaviour

Fundamental concepts and theories related to movement learning and control will be introduced. The material will address many of the factors that affect the production of motor behaviour. Students will learn about the basis for movement skill and variables that can be used to improve level of skill.

Antirequisite(s): The former Kinesiology 280a/b. 3 lecture hours, 3 laboratory hours biweekly, 0.5 course. (Main)

1088A/B - Introduction to Sport Psychology

An introduction to a wide variety of skills and methods that are available to coaches and athletes to enhance participation, performance and enjoyment in a sporting or physical activity. The course will focus on how individual motivation and behaviour are affected and which skills and methods are used during coaching intervention.

Antirequisite(s): The former Kinesiology 288a/b. 3 lecture hours, 3 laboratory hours biweekly, 0.5 course. (Main)

KOREAN (A)

1030 - Korean for Beginners

An introduction to understanding, speaking, reading, and writing Korean with emphasis on oral skills. Intended for students with little or no previous knowledge of Korean. Prepares students directly for Korean 2200.

Antirequisite(s): Grade 12U Korean, the former Korean 002. 4 hours, 1.0 course. (Main)

LATIN (A)

1000 - Introductory Latin

An introduction course in Latin covering major points of grammar and syntax.

Antirequisite(s): The former Latin 002.

3 lecture hours, 1.0 course. (Main)

Those students with Grade 12U level Latin must consult the Department before registering for this course.

LINGUISTICS

1027A/B - Introduction to Linguistics

See Anthropology 1027A/B

Antirequisite(s): Linguistics 2288A/B. 0.5 course. (Main)

1028A/B - Linguistics: Applications and Extensions

Acquaints students with human language and how it relates to society and to the mind. Topics include applications of linguistics, such as language acquisition, language and law, language disorders, and language variation across time, space and society.

Prerequisite(s): One of: Anthropology 1027A/B, Linguistics 2288A/B, both French 2805A/B and 2806A/B, Spanish 3303A/B, the former French 2800 or permission of Linguistics program. 3 lecture hours, 0.5 course. (Main)

MANAGEMENT AND ORGANIZATIONAL STUDIES (SS)

1020A/B - Introduction to Management

and Organizational Studies

A multidisciplinary introduction to Management and Organizational Studies within the Faculty of Social Science.

Prerequisite(s): Enrollment in the BMOS program. 2 lecture hours, 1 tutorial hour, 0.5 course (Brescia, Huron, King's)

1021A/B - Introduction to Management and Organizational Studies I

This course introduces students to the study of management and organizations based on best available evidence. Topics covered may include consumer behavior, human resource management, business processes, intercultural relations, and multinational corporations in a globalized economy. These topics are fundamental to understanding managing people, consumer choice, and global commerce.

Prerequisite(s): Enrollment in BMOS on Main Campus or Music Administrative Studies (MAS) or completion of 3.0 courses. 3 lecture hours, 0.5 course. (Brescia, Main)

1022F/G - Introduction to Aviation

This course is designed as a survey of Commercial Aviation. Topics include: History of Aviation Transportation, Flight Theory and Performance, Aviation Business, Human Factors, Canadian Airspace, Air Traffic Control, and Aviation Safety.

Prerequisite(s): Enrollment in the Commercial Aviation Management module of BMOS. 3 lecture hours, 0.5 course. (Main)

1023A/B - Introduction to Management and Organizational Studies II

This course provides students with a basic introduction to the fields of accounting and corporate finance. The accounting unit introduces students to basic accounting concepts from financial and managerial accounting. The corporate finance unit explains how financial markets work and how corporate managers use these markets to create and sustain corporate value.

Prerequisite(s): Enrollment in BMOS on Main Campus or Music Administrative Studies (MAS) or completion of 3.0 courses. 3 lecture hours, 0.5 course. (Brescia, Main)

1033A/B - Information Technology in the Commercial Environment

This course covers the skills and information used by business managers to become literate in the Information Technology environment without becoming an expert. Students will understand what current options and issues exist in I.T., the terminology, project management and will develop specific software skills useful to an efficient manager.

Antirequisite(s): Computer Science 1032A/B, the former Computer Science 031a/b, 119a/b, and all Computer Science courses numbered 2200 or higher. 3 lecture hours, 0.5 course. (King's)

MATHEMATICS (S)

0105A/B - Precalculus Mathematics

Set theory, algebra, functions and relations, trigonometry, logarithms and exponents.

Antirequisite(s): Ontario Secondary School MCV4U, any university level calculus course.

Prerequisite(s): One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent. 3 hours, 0.5 course. (Brescia, King's)

0110A/B - Introductory Calculus

Introduction to differential calculus including

limits, continuity, definition of derivative, rules for differentiation, implicit differentiation, velocity, acceleration, related rates, maxima and minima, exponential functions, logarithmic functions, differentiation of exponential and logarithmic functions, curve sketching.

Antirequisite(s): Mathematics 1225A/B, Calculus 1000A/B, Calculus 1100A/B, Calculus 1500A/B, Applied Mathematics 1413, the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent. 4 lecture hours, 0.5 course. (Brescia, Huron, King's)

1120A/B - Fundamental Concepts in Mathematics

Primarily for students interested in pursuing a degree in one of the mathematical sciences. Logic, set theory, relations, functions and operations, careful study of the integers, discussion of the real and complex numbers, polynomials, and infinite sets.

Antirequisite(s): Mathematics 2155A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, the former Ontario Secondary School MGA4U, Mathematics 1600A/B, the former Linear Algebra 1600A/B, or the former Mathematics 017a/b. 4 lecture hours, 0.5 course. (Main)

1225A/B - Methods of Calculus

Elementary techniques of integration; applications of Calculus such as area, volume, probability; functions of several variables, Lagrange multipliers. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Biological or Basic Medical Sciences modules. It may not be used as a prerequisite for any Calculus course numbered 1300 or above.

Antirequisite(s): Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1301A/B, 1501A/B, the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, Mathematics 0110A/B, Calculus 1000A/B, 1100A/B, 1500A/B, or the former Ontario Secondary School MCB4U.

3 lecture hours, 0.5 course. (Brescia, Huron, King's, Main)

1228A/B - Methods of Finite Mathematics

Permutations and combinations; probability theory. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Biological or Basic Medical Sciences modules.

Antirequisite(s): Mathematics 2124A/B, 2155A/B, Statistical Sciences 2035, 2141A/B, 2857A/B, the former Mathematics 031, the former Statistical Sciences 2657A.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, MHF4U, MDM4U, Mathematics 0110A/B, 1225A/B, 1229A/B, the former Mathematics 017a/b, the former Ontario Secondary School MGA4U, MCB4U.

3 lecture hours, 0.5 course. (Brescia, Huron, King's, Main)

1229A/B - Methods of Matrix Algebra

Matrix algebra including vectors and matrices, linear equations, determinants. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Biological or Basic Medical Sciences modules.

Antirequisite(s): Applied Mathematics 1411A/B, 2811B, Mathematics 1600A/B, 2120A/B, 2155A/B, 2211A/B, the former Linear Algebra 1600A/B, Mathematics 030, 031, 203b.

Prerequisite(s): One or more of Ontario Secondary

School MCF3M, MCR3U, or equivalent.

3 lecture hours, 0.5 course. (Brescia, Huron, King's, Main)

1600A/B - Linear Algebra I

Properties and applications of vectors; matrix algebra; solving systems of linear equations; determinants; vector spaces; orthogonality; eigenvalues and eigenvectors.

Antirequisite(s): Applied Mathematics 1411A/B, 2811B, the former Linear Algebra 1600A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, the former Ontario Secondary School MGA4U, Mathematics 1229A/B, the former Mathematics 017a/b, Calculus 1100A/B, 1500A/B or Calculus 1000A/B taken as a pre- or co-requisite. 3 lecture hours, 1 laboratory hour, 0.5 course. (Brescia, Huron, King's, Main)

MEDIA, INFORMATION AND TECHNOLOGY (IMS)

1200F/G - Media in Society

This course gives students the necessary tools to interpret a range of texts in various contexts. It is an extended practical application of selected forms of cultural analysis to diverse media and ideas. The course surveys the development of our roles as consumers and participants in media, culture and society.

2 lecture hours and 1 tutorial hour, 0.5 course. (Main)

1500F/G - The Matter of Technology

The course provides the technical, cultural, and historical background to inform our cultural ideas, myths, and fears about technology. The focus of the course is current and emergent technologies, focussing on the ways those technologies work along with their technical and cultural implications.

2 lecture hours and 1 tutorial hour, 0.5 course. (Main)

1700F/G - FYI: Information and Its Contexts

This course examines the nature of information in its various social, cultural, intellectual and material contexts. It starts with the history of the book and moves towards a consideration of the contested notions of an information society. The course is an introduction to critical perspectives on the study of information.

2 lecture hours and 1 tutorial hour, 0.5 course. (Main)

MUSIC (MU)

0601A - Theoretical Studies: Foundations

Review of theory rudiments. Study of melody writing and elementary harmony.

3 hours, half course, no credit. (Main)

0914 - Piano Requirement

Students whose principal instrument is other than piano, organ, or harpsichord must demonstrate keyboard proficiency of at least the Conservatory Grade VI level, either by presentation of a Conservatory certificate, or by passing an equivalent test offered periodically by the Faculty. Satisfaction of this requirement is strongly recommended before entrance, and required for admission to the BMus (Honors) programs. Students needing instruction to meet this requirement must make their own arrangements at their own expense. No credit.

1102A/B - Listening to Music

A basic course to acquaint students with the materials of music and to give a broad perspective of the history of music. Through guided listening, the student will be exposed to a wide variety of musical styles.

Antirequisite(s): Music 1140.

3 hours, 0.5 course. (Main)

May be available for credit in BA (Music) programs with permission of the Dean. Open to non-music students.

1122A/B - Fundamentals of Music Theory

A concise introduction to music theory that will develop both practical and intellectual fluency with musical skills and concepts. Not available for credit for music students.

3 hours, 0.5 course. (Main)

1140 - Performance and Survey of Music Literature I

This course is divided into two parts. To obtain credit, both parts must be taken. Performance: Individual lessons arranged by the Faculty of Music. Credit for this course will be determined by the student's progress during the year and by a final performance examination. Survey of Music Literature I: Baroque, Classic and Romantic repertoire. Students will be expected to prepare works for class performance. May be available for credit in BA(Music) programs with permission of the Dean.

Antirequisite(s): Music 1102A/B.

Prerequisite(s): Grade VI level demonstrated by audition. Non music students must contact the Faculty of Music before classes begin to receive audition information. Students will be billed a fee upon registration. (See Fees section of Calendar.) 1.0 course. (Main)

1170A/B - Music in Global Contexts I

A survey of various music cultures of the world, including First Nations musics. This course aims to broaden the musical and socio-cultural perspectives of students as they explore musical systems, ideas, and aesthetics of other cultures. Lecture format, audio and video examples, guest presentations and hands-on experience.

3 hours, 0.5 course. (Main)

1629A/B - Introduction to Composition

Introduction to musical elements and manipulation (pitch, rhythm, intensity, timbre, texture, and form), and appropriate repertoire.

3 hours, 0.5 course. (Main)

1635A/B - General Integrated Musicianship (GIM) I

Development of basic musicianship skills through the practice and application of sight-singing techniques, ear-training procedures, and keyboard harmony exercises. Materials for all components will include scales in all major and minor keys, diatonic chords, fundamental melodic patterns and harmonic progressions, and modulation to closely related keys. In addition, the keyboard harmony component will include elementary exercises in harmonization, figured bass realization, transposition, and score reading using C, F and G clefs.

1 lecture hour (dictation), 1 tutorial hour (sight singing), and 1 laboratory hour (keyboard harmony), 0.5 course. (Main)

1636A/B - General Integrated Musicianship (GIM) II

A continuation of Music 1635A/B.

Prerequisite(s): Music 1635A/B.

1 lecture hour (dictation), 1 tutorial hour (sight singing), and 1 laboratory hour (keyboard harmony), 0.5 course. (Main)

1649A/B - Studies in Theory I

Basic theoretical concepts through writing and analytic assignments. Covered in the course will be diatonic vocabulary, principles of voice-leading, the concept and practice of tonality, simple modulation, introduction to seventh chords and secondary dominants. Small forms from c.1700 to the early

nineteenth century will be analyzed.

Prerequisite(s): Music 0601A or demonstrated competence in theory rudiments, melody writing and elementary harmony.

3 hours, 0.5 course. (Main)

1650A/B - Studies in Theory II

Continuation from Music 1649A/B of basic theoretical concepts through writing and analytic assignments. Introduction of melodic figuration and suspensions, nondominant and secondary dominant seventh chords, and modal mixture. Continuation of the study of small forms.

Prerequisite(s): Music 1649A/B or permission of the Department.

3 hours, 0.5 course. (Main)

1700A/B - Introduction to Performance Practices

A practical approach to performance practices of the late 18th and early 19th centuries and the oral traditions represented in scores. Topics include: phrasing, tempo, ornamentation, expression, gesture.

3 hours, 0.5 course. (Main)

1701A/B - Selected Composer Study

A consideration of the music and times of a selected composer.

3 hours, 0.5 course. (Main)

1710F/G - Music History: Introduction

Consideration of various approaches to studying the history of music: guided listening, writing about music, library resources.

3 hours, 0.5 course. (Main)

1711F/G - Music History: c.900 to c.1600

Survey of the Medieval and Renaissance periods.

Prerequisite(s): Music 1710F/G
0.5 course. (Main)

1800A/B - Introduction to Music Education

Introduction to the foundations and principles of the teaching of music. The nature and value of music education are examined with reference to major issues, methodologies, and approaches to musical learning. Observation of selected music teaching situations.

3 hours, 0.5 course. (Main)

1801A/B - Vocal Methods

The fundamentals of singing, including breath control, tone production, diction, and repertoire are introduced in a group setting. Solo and small ensemble performing assignments are made according to individual vocal need and level of ability.

3 hours, 0.5 course. (Main)

1901 - Orchestra

The rehearsal and performance of orchestral repertoire from the Baroque to the present. Ensembles will include UWO Symphony and UWO Chamber Orchestra.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1902 - Wind Ensemble

The rehearsal and performance of repertoire for winds, brass and percussion.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1903 - Symphonic Band

The rehearsal and performance of repertoire for winds, brass and percussion.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

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1904 - Jazz Ensemble

The rehearsal and performance of repertoire for jazz ensembles.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1905 - Early Music Ensemble

The rehearsal and performance of early music.

Prerequisite(s): Audition and interview.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1906 - Accompanying

Faculty supervised accompanying of (1) two non-Performance majors, or (2) one Performance major, or (3) an approved ensemble, in rehearsals and performances.

4 hours plus performances and juries. Meets large ensemble requirement, 0.0 course. (Main)

1910 - UWO Singers

The rehearsal and performance of repertoire for mixed choir.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1911 - Les Choristas

The rehearsal and performance of repertoire for womens choir.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1912 - St. Cecilia Singers

The rehearsal and performance of repertoire for womens choir.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1913 - Chorale

The rehearsal and performance of repertoire for mixed choir.

4 hours plus performances. Meets large ensemble requirement, 0.0 course. (Main)

1920 - Applied Principal Instrument I

Lessons in the student's principal instrument and participation in performance class. For students registered in a degree program in Music.

1.0 course. (Main)

1925 - Elective Applied Study I

Individual lessons. For students registered in a Faculty other than Music, and for Music students registered in a year in which Applied Music study is not required, or who are eligible for the study of more than one principal instrument.

Prerequisite(s): Audition and permission of the Dean. Non music students must contact the Faculty of Music before classes begin to receive audition information. Students will be billed a fee upon registration. (See Fees section of Calendar.)

1.0 course. (Main)

1953A/B/Y - Introduction to Historical Keyboard: Repertoire, Technique and Performance Practice: 1600-1800

An introduction to the playing techniques, repertoire, and performance practices associated with keyboard music and keyboard instruments from 1600 to 1800.

0.5 course. (Main)

NURSING (H)

1101W - Introduction to Health and Illness

This course provides an introduction to the nursing profession, health, illness and health promotion. These concepts are considered from the perspectives of individuals, families and communities. Students will have opportunity to

learn about the nursing process, basic assessment skills, and ways in which nursing practice can support those with long-term health challenges.

Prerequisite(s): Registration in the Compressed Time Frame BScN Program.

7 hours lecture per week for 8 weeks, 1.0 course. (Main)

1103W - Introduction to Communication in Health Care

This course focuses on the development of effective and caring interpersonal communication skills. Awareness of self as an individual and in a relationship is explored through critical review of the literature, theories and experiences, critical reflection and thoughtful, confident dialogue. Learners will explore contextual and cultural realities, cultural sensitivity and cultural competence in healthcare.

Prerequisite(s): Registration in the Compressed Time Frame BScN Program.

7 hours/week for 8 weeks, 1.0 course. (Main)

1105Y - Introduction to Professional Nursing Practice

This course focuses on concepts and nursing practice skills that will assist students in understanding the role of the nurse, including the nature of professional caring relationships. Students are prepared to engage in basic assessment and care of adult clients experiencing chronic health challenges.

Antirequisite(s): The former Nursing 1102W.

Prerequisite(s): Registration in the Compressed Time Frame BScN Program.

Corequisite(s): Nursing 1101W, Nursing 1103W. 8 weeks seminar/laboratory, 4 hours/week, 0.5 course. (Main)

1106Y - Professional Nursing Practice I

This course offers students the opportunity to apply concepts and professional practice skills acquired in Nursing 1105Y in an agency practice setting. Students will engage in the provision of holistic nursing care to clients with chronic health challenges.

Antirequisite(s): The former Nursing 1102W.

Prerequisite(s): Registration in the Compressed Time Frame BScN Program; a passing grade in Nursing 1105Y.

Corequisite(s): Nursing 1101W, Nursing 1103W. 32 hrs/week x 4 weeks, 0.5 course. (Main)

1120 - Foundations of Professional Nursing

This course provides an introduction to the theoretical, philosophical, and ethical foundations of the nursing profession and nursing practice. The development of the profession, roles of nurses, locations of nursing practice, and essential elements of practice will be examined.

Prerequisite(s): Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program. 3 lecture hours, 1.0 course. (Main)

1130 - Health Promotion & Caring for Self, Colleagues, & Clients

This interactive course develops students' understanding of caring and relational practice as the basis for health promotion in nursing. Nurses' responsibility for health promotion of self, colleagues, and clients is addressed in a variety of contexts.

Antirequisite(s): Nursing 1153.

Prerequisite(s): Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program. 3 lecture hours, 1.0 course. (Main)

1140 - Holistic Health Assessment

This course introduces students to concepts and practice related to holistic health assessment.

Students will collect information from a variety of sources to inform their understanding of clients' health experiences and health promotion needs.

Prerequisite(s): Registration in Year 1 of the Western-Fanshawe Collaborative BScN Program. 2 lecture hours, 2 hours nursing practice, 1.0 course. (Main)

1150A - Introduction to Professional Practice

Praxis seminars, laboratory practice, and community clinical placements comprise this half-course, providing opportunities to learn about the nursing profession, the diversity of nurses' work and scope of practice, health promotion and assessment skills. This course provides opportunities to develop caring, professional relationships and apply knowledge from concurrent courses.

Prerequisite(s): Registration in the Western-Fanshawe Collaborative BScN Program. 8-10 seminar/lab/clinical practice hours, 0.5 course. (Main)

1151 - Health and Chronic Health Challenges

Introduction to nursing, the profession's historical background and nurse's role in health care. Emphasis is on personal meaning of health, transitions in the life cycle and healthful living practices. The focus is on nursing theories, theories of health promotion, assessment, determinants of health and families' experience with chronic health challenges.

Prerequisite(s): Registration in the Western-Fanshawe Collaborative BScN Program. 3 lecture hours, 1.0 course. (Main)

1152B - Professional Practice 1: Caring for Adults with Chronic Health Challenges

Laboratory practice and clinical placements in long term care facilities provides experience for students to learn about the role of the nurse in the care of clients with chronic health challenges. Term 1 health assessment skills, along with practice experiences in the laboratory allow students to develop professional caring relationships in clinical practice.

Prerequisite(s): Registration in the Western-Fanshawe Collaborative BScN Program. 12 clinical hours, 4 laboratory hours, 0.5 course. (Main)

1153 - Self and Others: Self Awareness and Interpersonal Relationships

This course focuses on understanding intrapersonal and interpersonal experiences. How personal beliefs, values, experiences and perceptions relate to and impact on our experiences with self and others from various cultures is emphasized. The experiential portion of the course will enhance interpersonal communication from the perspective of contextual awareness, decision-making, confidence and performance.

Prerequisite(s): Registration in the Western-Fanshawe Collaborative BScN Program. 3 seminar hours, 1.0 course. (Main)

PHILOSOPHY (A)

1000E - Introduction to Philosophy & Critical Thinking

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

reasoning.

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

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

3 lecture hours, 1 tutorial hour biweekly, 1.0 course. (Brescia)

1020 - Introduction to Philosophy

Through readings, film and other media this course explores debates about knowledge, truth, reality, religion, morality, politics, and the meaning of life. A weekly tutorial hour will help students to develop skills of analysis and expression.

Antirequisite(s): Philosophy 1000E, 1022E, 1100E (Brescia), Philosophy 1250F/G (Huron), Philosophy 1300E, Philosophy 1350F/G (Huron).

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1022E - Advanced Introduction to Philosophy

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

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

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1100E - Philosophy from Antiquity to the 20th Century

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

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

3 lecture hours, 1.0 course. (Huron, King's, Main)

1130F/G - Big Ideas

Apparently simple conceptions sometimes especially capture our imagination. Examples: Descartes's "I think, therefore I am," McLuhan's "the medium is the message," or Plato's theory of forms. The course examines a great number of these simple ideas that are also the Big Ideas that no educated person should be ignorant of.

3 hours, 0.5 course. (Brescia, Main)

1150E - Introduction to the Western Intellectual Tradition

A multi-media and interdisciplinary historical survey of some of the most important philosophers (e.g. Socrates, Plato, Aristotle, Descartes, Marx, Nietzsche), writers (e.g. Homer, Dante, Goethe, Dostoevsky, Kafka), and artists (da Vinci, Michelangelo, Rembrandt, Dali) that have shaped the course of Western thought and our contemporary world.

2 lecture hours, 1 tutorial hour, 1 screening hour, 1.0 course. (King's)

1200 - Reasoning and Critical Thinking

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

Antirequisite(s): Philosophy 1000E (Brescia),

Philosophy 1230A/B (Huron).

2 lecture hours, 1 tutorial hour, 1.0 course. (Huron, Main)

1230A/B - Reasoning and Critical Thinking

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

Antirequisite(s): Philosophy 1200.

3 lecture hours, 0.5 course. (Brescia, Huron)

1250F/G - Right and Wrong

A survey of selected philosophical problems in the areas of ethics and political/legal philosophy, with reference to works of both classical and contemporary philosophers. Specimen topics include ethical relativism, freedom and determinism, anarchy and government, and the justification of punishment. Primarily for first year students.

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

3 hours, 0.5 course. (Huron)

1300E - Introduction to Philosophy

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

Antirequisite(s): Philosophy 1100E

3 hours, 1.0 course. (Brescia, Huron, King's)

1305F/G - Questions of the Day

This course develops students' ability to approach disputed questions by seeing them from both sides, so that they reach their own view only after respecting a broad range of argument. Six questions will be considered, including human (over) population, the public funding of art, and the limits of religious freedom.

3 hours, 0.5 course. (Brescia, King's, Main)

1350F/G - Reality and What We Can Know of It

A survey of selected philosophical problems in the areas of metaphysics and epistemology, with reference to works by both classical and contemporary philosophers. Specimen topics include the mind/body problem, the existence of God, skepticism and truth. Primarily for first year students.

3 hours, 0.5 course. (Huron)

1360E - The Great Human Questions We All Ask

An introduction to the great human questions we all ask: Who are we? Why are we? How can we live a good life? Why do we suffer, die, encounter evil? What are sex, love, and friendship? What can we know? What ought we to do? What may we hope for?

3 hours, 1.0 course. (King's)

1361E - Finding Happiness: A Journey Through Philosophy

How do we find happiness in life? Is it through the fulfillment of desire, be it for pleasure, wealth, fame, companionship, knowledge, or union with God? Perhaps, paradoxically, it is by abandoning desire altogether and leading a simple life. This course will explore how philosophy has responded to these issues.

3 hours, 1.0 course. (King's)

1370A/B - Form, Thought, Communication

An introduction to the grammatical structures of two kinds of languages: the natural ones people learn as first languages, and the artificial ones that logicians and others have invented to help in reasoning. Topics will include: subject-predicate construction; word classes; complex sentences; negation and its complication; referring, describing, and quantifying; time and tense.

3 hours, 0.5 course. (Huron)

1901E - King's Foundations in the Humanities

The Philosophy unit of the King's Foundations in the Humanities is an interdisciplinary historical survey of some of the most important philosophers (Plato, Aristotle, Descartes, Marx, Nietzsche, Derrida) and artists (da Vinci, Michelangelo, Rembrandt, Dali) that have shaped the course of Western thought and our contemporary world.

Prerequisite(s): Must be registered in the King's Foundations in the Humanities.

Corequisite(s): English 1901E and History 1901E. 3 hours, 1.0 course. There may be additional costs associated with field trips. (King's)

2014 - Thomistic Philosophy

An introduction to the philosophy of Thomas Aquinas through a study of several of his basic philosophical writings. The course will concern principally his philosophy of nature, philosophical psychology, moral philosophy, metaphysics and philosophical theology.

Antirequisite(s): Philosophy 2214.

3 hours, 1.0 course. (King's)

PHYSICS (S)

1021 - Conceptual Physics for Non-Scientists

The concepts of physics are presented without mathematics. The topics include motion, force, mass, energy, momentum, rotational motion, heat, sound, electricity, magnetism, optics, lasers, and relativity. Demonstrations are an important component. This non-laboratory course is particularly suitable for Arts and Humanities and Social Science students.

Antirequisite(s): Physics 1028A/B, 1029A/B, 1301A/B, 1302A/B, 1401A/B, 1402A/B, 1501A/B, 1502A/B, the former Physics 1020, 1024, 1026, Grade 12U Physics (SPH4U) if taken within the three years prior to the start of this course.

2 lecture hours, 1.0 course. (Main)

1028A/B - Physics for the Biological Sciences I

Fundamental physics concepts are introduced with an emphasis on applications in biological processes. Topics include bioenergetics (metabolism and respiration), membranes, electrical properties of molecules and principles of microscopy.

Antirequisite(s): Physics 1021, 1301A/B, 1302A/B, 1401A/B, 1402A/B, 1501A/B, 1502A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): One of the following four courses: Grade 12U Advanced Functions (MHF4U), the former Grade 12U Advanced Functions and Introductory Calculus (MCB4U), the former Grade 12U Geometry and Discrete Mathematics (MGA4U), Mathematics 0110A/B.

3 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

1029A/B - Physics for the Biological Sciences II

Fundamental physics concepts are introduced with an emphasis on applications in biological processes. Topics include: nerve electricity, the eye and color vision, elasticity and sound, the cardiovascular

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system and biomechanics.

Antirequisite(s): Physics 1021, 1302A/B, 1402A/B, 1502A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): One of Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B.
3 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

1301A/B - Introductory Physics I

A calculus-based laboratory course for students intending to pursue further studies in Science. Kinematics, force and motion, energy, linear momentum, rotation, torque and angular momentum, gravitation, heat, kinetics of gases.

Antirequisite(s): Physics 1021, 1028A/B, 1401A/B, 1501A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): Grade 12U Calculus and Vectors (MCV4U) or the former Grade 12U Advanced Functions and Introductory Calculus (MCB4U) or Mathematics 0110A/B.

3 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

Note: The department recommends that students also take a concurrent course that includes Calculus. Please be aware that some of the programs for which Physics 1301A/B is a prerequisite also require Calculus 1000A/B or 1100A/B or 1500A/B plus Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413. This course, together with Physics 1302A/B, is a suitable prerequisite for modules in the Faculty of Science and modules offered by the basic medical science departments, and for professional schools having a Physics requirement.

1302A/B - Introductory Physics II

A calculus-based laboratory course for students intending to pursue further studies in Science. Oscillations, waves, fluids, electric fields and potential, DC circuits, magnetic fields, modern physics.

Antirequisite(s): Physics 1021, 1029A/B, 1402A/B, 1502A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): One of Physics 1301A/B or 1401A/B or 1501A/B, or a minimum mark of 70% in Physics 1028A/B.

3 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

Note: The department recommends that students also take a concurrent course that includes Calculus. Please be aware that some of the programs for which Physics 1302A/B is a prerequisite also require Calculus 1000A/B or 1100A/B or 1500A/B plus Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413. This course, together with Physics 1301A/B, is a suitable prerequisite for modules in the Faculty of Science and modules offered by the basic medical science departments, and for professional schools having a Physics requirement.

1401A/B - Physics for Engineering Students I

A calculus-based laboratory course in physics for engineering students. Kinematics, Newton's laws of motion, work, energy, linear momentum, rotational motion, torque and angular momentum, oscillations.

Antirequisite(s): Physics 1021, 1028A/B, 1301A/B, 1501A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): Grade 12U Physics (SPH4U); Grade 12U Calculus and Vectors (MCV4U) or the former Grade 12U Advanced Functions and Introductory Calculus (MCB4U) or Mathematics 0110A/B.

Corequisite(s): Applied Mathematics 1413.
2 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

1402A/B - Physics for Engineering Students II

A calculus-based laboratory course in physics for engineering students. Electric fields and potential, Gauss' law, capacitance, DC circuits, magnetic fields, electromagnetic induction.

Antirequisite(s): Physics 1021, 1029A/B, 1302A/B, 1502A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): Physics 1401A/B or permission of the Department.

Corequisite(s): Applied Mathematics 1413.

2 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

1501A/B - Enriched Introductory Physics I

A calculus-based laboratory course for students intending to pursue further studies in science, particularly the physical sciences. Newton's laws, energy, linear momentum, rotations and angular momentum, gravitation and planetary motion.

Antirequisite(s): Physics 1021, 1028A/B, 1301A/B, 1401A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): Grade 12U Physics (SPH4U); Grade 12U Calculus and Vectors (MCV4U) or the former Grade 12U Advanced Functions and Introductory Calculus (MCB4U) or Mathematics 0110A/B.

Corequisite(s): Calculus 1000A/B or 1100A/B or 1500A/B or Applied Mathematics 1413.

3 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

Note: This course, together with Physics 1502A/B, is a suitable prerequisite for all modules in the Faculty of Science, for all modules offered by the basic medical science departments and for professional schools having a Physics requirement.

1502A/B - Enriched Introductory Physics II

A calculus-based laboratory course for students intending to pursue further studies in science, particularly the physical sciences. Relativity, the electromagnetic interaction, the strong and weak interactions, oscillations and waves.

Antirequisite(s): Physics 1021, 1029A/B, 1302A/B, 1402A/B, the former Physics 1020, 1024, 1026.

Prerequisite(s): One of Physics 1501A/B (preferred) or Physics 1301A/B or 1401A/B, or a minimum mark of 80% in Physics 1028A/B; Calculus 1000A/B or 1100A/B or 1500A/B.

Corequisite(s): Calculus 1501A/B (preferred) or Calculus 1301A/B, or Applied Mathematics 1413.

3 lecture hours, 3 lab/tutorial hours, 0.5 course. (Main)

Note: This course, together with Physics 1501A/B, is a suitable prerequisite for all modules in the Faculty of Science, for modules offered by the basic medical science departments and for professional schools having a Physics requirement.

PHYSIOLOGY (M)

1020 - Human Physiology

A survey course outlining the principles of human/mammalian physiology; general properties of the living cell and the internal environment; neural, muscle, cardiovascular, respiratory, gastrointestinal, renal and endocrine systems; metabolism, reproduction and homeostasis.

Antirequisite(s): Physiology 1021, 2130, 3120.

Prerequisite(s): Grade 12U (SBI4U) Biology and Grade 12U (SCH4U) Chemistry, or their equivalent.

First year courses in Biology and Chemistry are recommended.

Limited to students enrolled in the Nursing program.

2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1021 - Introduction to Human Physiology

An introductory course, outlining the principles of human/mammalian physiology along with a general survey of various physiological systems (e.g. cardiovascular, renal, neural, motor, gastrointestinal, endocrine, respiratory, etc.).

Antirequisite(s): Physiology 1020, 2130, 3120.

Prerequisite(s): Grade 12U Biology or its equivalent. Grade 12U Chemistry is recommended.

Limited to students enrolled in first year Kinesiology.
2 lecture hours, 1 tutorial hour, 1.0 course. (Main)

POLISH (A)

1030 - Polish for Beginners

A beginning course with concentration on conversational skill and reading of literary material.

Antirequisite(s): The former Polish 002.

4 hours, 1.0 course.

Those students with Grade 12U Polish must consult the Department before registering for this course.

POLITICAL SCIENCE (SS)

1020E - Introduction to Political Science

A study of principal concepts, ideas and analytical methods of modern political science, with emphasis on the political systems of Canada and other selected countries.

3 hours, 1.0 course. (Brescia, Huron, King's, Main)

PORTUGUESE (A)

1030 - Portuguese for Beginners

An introduction to understanding, speaking, reading, and writing Portuguese, with emphasis on oral skills. Intended for students with little or no previous knowledge of Portuguese. Prepares students directly for Portuguese 2200.

Antirequisite(s): Grade 12U Portuguese

4 hours, 1.0 course. (Main)

PSYCHOLOGY (SS)

1000 - Introduction to Psychology

An introductory survey of the methods and findings of modern scientific psychology. The following topics will be covered: history and methodology, biological psychology, sensation and perception, learning and motivation, verbal and cognitive processes, developmental psychology, social psychology, individual differences (intelligence and personality), and clinical psychology.

Antirequisite(s): Psychology 1100E, the former Psychology 1200.

3 lecture hours, 1.0 course. (Brescia, Huron, King's Main)

1001E - Laboratory Upgrade

This course is designed to provide students who have a credit in Psychology 1000 or equivalent with the laboratory experience that is part of Psychology 1100E but not Psychology 1000. Successful completion of Psychology 1000 plus 1001E will be accepted as the equivalent of credit in Psychology 1100E for purposes of entry into courses and modules at Huron.

Antirequisite(s): Psychology 1100E.

Prerequisite(s): At least 70% in Psychology 1000 and a 70% average in the best 5.0 courses taken to fulfill first-year requirements.

1.0 hour per week, no credit. (Huron)

1100E - Method in General Psychology

An introduction to method and content in psychology. The content areas covered include physiological psychology, perception, learning and motivation, memory and cognition, developmental psychology, individual differences, personality, social psychology, and applied psychology. Method is studied through direct experience with research design and the collection, statistical treatment and reporting of data.

Antirequisite(s): Psychology 1000, Psychology 1200 and the former Psychology 100.

2 lecture hours, 1 laboratory hour, 1.0 course.

(Huron)

Note: Normally, a prerequisite for senior courses at Huron College.

RELIGIOUS STUDIES

0011 - Contemporary Religious Quests

An introduction to Religious Studies based on autobiographies and/or biographies of twentieth-century persons representing different religious perspectives and walks of life. Lectures, discussions

of written materials and films.

Antirequisite(s): Religious Studies 1031E.

2 lecture hours / 1 seminar hour, 1.0 course. (Brescia)

1022A/B - Perplexing Issues

An examination of selected thought provoking questions such as "What's after death?"; "Why do bad things happen to good people?"; "Why are religions in conflict, sometimes violently?"; "Do miracles happen?"; The aim of this introductory study is to broaden students' awareness of religious ways of understanding the human condition.

3 hours, 0.5 course. (King's)

1023E - Introduction to World Religions

A study of belief systems, ethical teachings and worship practice of world religions, including Hinduism, Buddhism, Sikhism, Confucianism, Daoism, Judaism, Christianity and Islam.

Antirequisite(s): Religious Studies 2130

3 hours, 1.0 course. (King's)

1025E - Foundations of the Religious Response

An examination of the development of the religious phenomenon from primitive man up to the major world religious experiences.

Antirequisite(s): All 1020 level Religious Studies courses except Religious Studies 1029.

3 hours, 1.0 course. (Brescia)

1026F/G - Introduction to the Old Testament I: Religious Themes

Introduction to the legal, prophetic, wisdom and liturgical literature of the Old Testament and to the ideas which each type of material emphasizes.

Antirequisite(s): The former Religious Studies 010E and all 1020 level Religious Studies courses except Religious Studies 1028F/G and Religious Studies 1029.

3 hours, 0.5 course. (Brescia)

1027E - Introduction to Catholic Theology

Introduction to central themes of Catholic theology including revelation, faith, Jesus, Church, sacraments.

3 hours, 1.0 course. (King's)

1028F/G - Introduction to the New Testament I: The Gospels

A general survey of the four canonical gospels which highlights their characteristic literary features and their distinctive theological emphases.

Antirequisite(s): The former Religious Studies 145 and all 1020 level Religious Studies courses except Religious Studies 1026F/G and Religious Studies 1029.

3 hours, 0.5 course. (Brescia)

1029 - An Introduction to New Testament Greek

3 hours, 1.0 course. (Huron)

1031E - Contemporary Religious Quests

An introduction to Religious Studies which incorporates the autobiographies and/or biographies of contemporary men and women representing different religious perspectives and walks of life. The course introduces students to the theory of religion: its meaning and function in culture and in the lives of individuals.

Antirequisite(s): Religious Studies 0011

2 lecture hours / 1 seminar hour, 1.0 course. (Brescia)

1032A/B - Spirituality for the New Millennium

This course considers the contemporary interest in spirituality as a means of fulfilment in an age of uncertainty and change. It examines traditional and non-traditional spiritualities and several

current trends, including spirituality and ecology, in the workplace, in the healing professions and in movements for social transformation.

3 hours, 0.5 course. (Brescia)

1033A/B - The Meaning of Life at the Movies

An exploration of religious assumptions (including assumptions about how a person can live and die well) in contemporary films.

3 hours, 0.5 course. (King's)

RUSSIAN (A)

1030 - Russian for Beginners

An introduction to spoken and written Russian for students with no previous knowledge of Russian. Offers a basis for further work in commercial and scientific fields, political science, and foreign affairs, as well as the study of Russian literature in the original.

Antirequisite(s): Grade 12U Russian.

4 hours, 1.0 course.

SCHOLARS ELECTIVE

1020Y - Introduction to University Research

Individual reading and research under faculty mentor supervision on a topic mutually agreed.

1 hour every second week, 0.5 course.

Restricted to Scholar's Electives Students.

SOCIAL JUSTICE AND PEACE STUDIES

1020E - Introduction to Social Justice and Peace Studies

An interdisciplinary introduction to the symbolic, institutional and individual aspects of systemic oppression in local and global contexts. Focusing on the realities of conflict, environmental degradation, poverty, the sex trades, sweatshops, and militarism, the course introduces students to theories of social justice and peace and strategies for social change.

3 hours, 1.0 course. (King's)

SOCIAL WORK

1021A/B - Introduction to Social Welfare

An introductory course on Canada's social welfare system. Emphasis is on pursuing a critical analysis of Canada's existing social welfare programs and institutions. Attention is given to the history of society's response to meeting human needs, to varying theoretical perspectives and motivations for forming the social welfare system in Canada. Required admission to the Social Work program.

Antirequisite(s): Social Work 1020

3 lecture hours, 0.5 course. (King's)

1022A/B - Introduction to Social Work

An introductory course addressing key concepts and contemporary issues in professional social work practice in Canada. The ethical underpinnings of the profession along with micro, mezzo and macro levels of intervention will be discussed and an emphasis placed on their application to diverse populations of practice in the Canadian setting. Required admission to the Social Work program.

Co- or Prerequisite(s): Social Work 1021A/B

Antirequisite(s): Social Work 1020

3 lecture hours, 0.5 course. (King's)

SOCIOLOGY (SS)

0012 - Individual and Society

Focusing on the relationship between individuals and society, this course will provide students with a critical introduction to the themes of society, culture, diversity and identity.

Antirequisite(s): The former Sociology 010

3.0 hours, 1.0 course. (Brescia)

For students registered in the Preliminary Year program only.

1020 - Introduction to Sociology

An examination of the major theoretical perspectives in the field of Sociology, methods of empirical investigation of social phenomena, socialization, group structure, principles of social organization, community structure, population and social change.

Antirequisite(s): Sociology 1021E.

2 lecture hours, 1 tutorial hour, 1.0 course. (Brescia, Huron, King's, Main)

1021E - Introduction to Sociology

This course will cover the same material as Sociology 1020, but will also provide students with the opportunity to enhance their essay-writing skills while pursuing a project or projects involving sociological analysis.

Antirequisite(s): Sociology 1020.

2 lecture hours, 1 tutorial hour, 1.0 course. (Brescia, Huron, King's, Main)

SPANISH (A)

1030 - Spanish for Beginners

Introduction to understanding, speaking, reading, and writing Spanish with emphasis on oral skills.

Intended for students with little or no previous knowledge of Spanish. Prepares students directly for Spanish 2200 or 2200W/X.

Antirequisite(s): Grade 12U Spanish, Spanish 1030W/X.

4 hours, 1.0 course. (Brescia, King's, Main)

1030W/X - Spanish for Beginners (Accelerated)

Introduction to understanding, speaking, reading, and writing, with emphasis on oral skills. Intended for students with little or no previous knowledge of Spanish. Prepares students directly for Spanish 2200 or 2200W/X.

Antirequisite(s): Spanish 1030.

Prerequisite(s): Permission of the Department.

8 hours, one semester, 1.0 course.

STATISTICAL SCIENCES (S)

1023A/B - Statistical Concepts

An examination of statistical issues aiming towards statistical literacy and appropriate interpretation of statistical information. Common misconceptions will be targeted. Assessment of the validity and treatment of results in popular and scientific media. Conceptual consideration of study design, numerical and graphical data summaries, probability, sampling variability, confidence intervals and hypothesis tests.

Antirequisite(s): Statistical Sciences 2037A/B.

3 lecture hours, 0.5 lab hours (1-hour lab every other week), 0.5 course.

1024A/B - Introduction to Statistics

Statistical inference, experimental design, sampling design, confidence intervals and hypothesis tests for means and proportions, regression and correlation.

Antirequisite(s): All other courses or half courses in Introductory Statistics, except Statistical Sciences 1023A/B and 2037A/B.

Prerequisite(s): Grade 12U Mathematics or Mathematics 0110A/B or 1229A/B, or the former Mathematics 017a/b.

3 lecture hours, 0.5 course. (Huron, King's, Main)

THEOLOGICAL STUDIES

1020E - Introduction to Theology

An examination of selected themes in the Christian tradition, such as approaches to the Bible, Christian practice, missiology, the formulation of doctrine,

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the use of philosophy and iconographic expression. These will be considered in relation to Christianity in a variety of historical and cultural contexts, and in its contemporary global setting.

Antirequisite(s): Religious Studies 1027E
3 hours, 1.0 course. (Huron)

VISUAL ARTS HISTORY (A)

1040 - A History of Art and Visual Culture

An introductory survey examining key works of art within the intellectual and social contexts of their production. This course provides a working knowledge of the history of art and architecture from the earliest times to the present and supplies the critical tools necessary for studying art and visual culture.

3 lecture hours, 1 tutorial hour, 1.0 course. (Main)

1050F/G - Collecting Art and Culture

An introduction to historical and contemporary practices of collecting art and cultural objects.

3 lecture hours, 0.5 course. (Main)

1051F/G - Revivals in Art and Culture

An introduction to the revivals of art styles and practices in historical and contemporary contexts, including film, design and fashion.

3 lecture hours, 0.5 course. (Main)

1052F/G - Art and Popular Culture

An introduction to the uses of art and iconic images in popular culture through the ages. This course will explore the circulation and power of canonical artworks and cultural icons in historical and contemporary contexts.

3 lecture hours, 0.5 course. (Main)

1053F/G - Picturing Science

An exploration of the various relationships between art and science. Topics may include the history of medical illustration and imaging, artistic representations of scientific principles and issues, and the uses of scientific technologies in the production of art.

3 lecture hours, 0.5 course. (Main)

1054F/G - Introduction to Visual Culture

A theme-based introduction to the complex and engaging world of historical and contemporary visual culture as it relates to the history of art.

3 lecture hours, 0.5 course. (Main)

VISUAL ARTS STUDIO (A)

1020 - Foundations of Visual Arts

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

Antirequisite(s): VAS 1025

Prerequisite(s): Priority will be given to students registered in a Visual Arts program.

6 studio hours, 1.0 course. (Main)

Note: Some sessions may involve drawing from the nude (female or male) as a required component of the course.

1025 - Advanced Visual Arts Foundation Studio

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

Antirequisite(s): VAS 1020

Prerequisite(s): Submission and acceptance of a

prepared Visual Arts portfolio.

(Main)

Note: Some sessions may involve drawing from the nude (female or male) as an integral component of the course. For VAS 1020 and VAS 1025 only, students may request an alternate component.

WOMEN'S STUDIES (A) & (SS)

1020E - Introduction to Women's Studies

A survey of selected topics in the study of gender structures and the status of women in historical and cross-cultural perspective. These will include consideration of social and psychological processes by which gender identity is established in the individual, its institutional manifestations, and its articulation with class and race structures.

2 lecture hours, 1 tutorial hour, 1.0 course. (Brescia, King's, Main)

WRITING

0002F/G - Introduction to Writing in English

Restricted to English as a Second Language students. This course will introduce the grammar and structure of English, as well as the conceptual and cultural conventions of university writing in English.

Antirequisite(s): The former Writing 0001F/G.

3 hours, 0.5 course. (King's, Main)

0011F/G - Introduction to Basic Academic Writing in English for Multilingual Students

This course for multilingual students will develop skills of planning and composing in the writing process, and pre-writing skills such as note-taking from lectures and academic readings. These will help students develop an appreciation for appropriate vocabulary, syntax, and style of the various discourse communities at the university.

Antirequisite(s): Writing 0002F/G.

4 lecture hours, 0.5 course. (Brescia, Huron)

0012F/G - Introduction to Advanced Academic Writing in English for Multilingual Students

This course will introduce multilingual students who have a good knowledge of academic essay format to those rhetorical and format-based skills necessary for advanced level writing in the disciplines. The course will discuss the reader-writer-message triangle as it applies to different writing forms within the academy. It is designed to help multilingual students develop the linguistic, rhetorical, and strategic competencies that they will need to succeed in advanced academic courses at the undergraduate level, and incorporates discussion of those issues that are culturally relevant to a Canadian academic community.

Antirequisite(s): The former Writing 0001F/G, Writing 0011F/G.

3 lecture hours, 0.5 course. (Brescia, Huron)

1000F/G - The Writers' Studio

Students are introduced to the creative process of writing through in-class exercises, peer workshop, analysis of creative texts, journaling, essay writing, and a review of writing mechanics. Students learn strategies for idea generation in a variety of genres, composing a first draft, approaching revision, and effective editing and proofreading.

Antirequisite(s): Any Writing course or half course at the 1000, 2100 or 2200 level.

Prerequisite(s): 85% or higher in Grade 12U Writer's Craft.

3 lecture hours, 0.5 course. (Main)

1020F/G - Writing: Introduction to University Essay Writing

A practical introduction to the basics of successful

academic writing, designed for first-year students in all disciplines. Topics will range from grammar, sentence structure, and paragraphing to the principles of scholarly argument and research.

Antirequisite(s): Writing 1021F/G, Writing 2101F/G
3 lecture/tutorial hours, 0.5 course. (Brescia, King's)

[This course will not serve as a prerequisite for any area of concentration]

1021F/G - Basic Academic Writing for Multilingual Students

Restricted to English as a Second Language students. The course continues to develop macro-level skills of planning and composing and refines writing skills by introducing language and citation conventions and self-editing for more complex writing projects. Readings that explore questions of identity and relationships within western culture will stimulate critical reviews, reports and research essays.

Antirequisite(s): Writing 1020F/G.

Prerequisite(s): Writing 0011F/G, or permission of the instructor.

4 lecture hours, 0.5 course. (Huron)

1022F/G - University Writing in English

Restricted to English as a Second Language students. This course will build on writing skills developed in Writing 0002F/G. It will provide students with intensive hands-on writing practice on a weekly basis and offer opportunities to develop research-based writing skills through various academic forms.

Antirequisite(s): Writing 1020F/G and 1021F/G.

Prerequisite(s): The former Writing 0001F/G, Writing 0002F/G or permission of the Department.

3 hours, 0.5 course. (King's)

1025F/G - Critical Reading and Writing

Students will explore the assumptions behind academic discourse, critically analyze academic readings, and learn to write effectively for a variety of academic discourse communities.

Antirequisite(s): Writing 1020F/G, 1021F/G, 1022F/G and 2101F/G.

3 hours, 0.5 course. (Huron)

1030F - Writing For Professional Success in Nursing

This course serves as an introduction to the basic principles and techniques of good writing, an integral tool for learning and a vital source of communication in the Nursing profession. The course will emphasize practical work and the development of writing skills for a variety of styles and genres appropriate to the profession.

0.5 course. (Main)

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