

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.

Arts and Humanities

University College 112G
Telephone: 519-661-3043
Fax: 519-850-2376
www.uwo.ca/artsandhumanities

Brescia University College

BC11; Telephone: 519-858-5151
www.brescia.uwo.ca

Don Wright Faculty of Music

Talbot College 210G
Telephone: 519-661-2043 or
519-661-2111 Ext 85370

Engineering

Spencer Engineering Building 2097
Telephone: 519-661-2130

Health Studies

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

Huron University College

HUC W39
Telephone: 519-438-7224 x 244
www.huronuc.ca

Information and Media Studies

North Campus Building 240
Telephone: 519-661-3542
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 x 4999
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
www.uwo.ca/sci/counselling
www.uwo.ca/bmsc

Social Science

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

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 67). 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 67). 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 2009 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 enrol in an affiliated university college course if the same course is also taught on the main campus;
- cannot enrol 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

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 67). 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 68). 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 67). 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 67). 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 67). Students are encouraged to take an essay course in first year.

Effective September 1, 2005, Writing courses may not be used to fulfill this breadth requirement. Effective September 1, 2008, Speech courses may not be used to fulfill this breadth requirement. (Note that students who have successfully completed a Writing or Speech course prior to the above dates may use the course to fulfill the requirement).

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 and/or intensive laboratory research experience. 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, enrol in a Scholar's Electives module of 3.0 courses. The courses include a first-year research project, upper-year interdisciplinary courses, 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 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

Normally, 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 enrolment 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, 2010. Applications are available at www.scholarselectives.uwo.ca. For more information contact The Student Success Centre via email at scholars_electives@uwo.ca or call 519-661-3898.

Western Scholars Program

High-achieving students entering first year are eligible to become members of the honor society referred to as Western Scholars. Western Scholars are invited to participate in extracurricular activities through which 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 constituent 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 519-661-3898.

Distance Studies

In the spring/summer and fall/winter sessions, a wide variety of distance studies courses is 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.

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
Intercession	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: TBA
Distance Studies	7	Term 1: Oct. 15 Term 2: TBA
Intercession	2	4
Summer Evening	5	10
Summer Day	2	4
Spring/Summer Distance Studies	5	10

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 (Intercession, 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.

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 2009 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 modular degree structure is selected by students registered in the following faculties/schools: Faculty of Arts and Humanities, Faculty of Health Sciences (School of Kinesiology, and Bachelor of Health Sciences), Faculty of Information and Media Studies, Schulich School of Medicine & Dentistry (Bachelor of Medical Sciences), Don Wright Faculty of Music (Bachelor of Arts), Faculty of Science, Faculty of Social Science, Brescia University College, Huron University College, King's University College.

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. Enrolment 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)

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 or option(s)
- Minor (4.0 - 5.0) plus a Minor (4.0 - 5.0) plus option(s) (2.0 - 0); This combination requires two Minor modules.

Degree Structure/Module Combinations

Students in the following faculties: Faculty of Arts and Humanities, Faculty of Health Sciences (School of Kinesiology, and Bachelor of Health Sciences), Faculty of Information and Media Studies, Schulich School of Medicine & Dentistry (Bachelor of Medical Sciences), Don Wright Faculty of Music (Bachelor of Arts), Faculty of Science, Faculty of Social Science, Brescia University College, Huron University College, King's University College; and who are selecting modules, will be enrolling in New Academic Choices.

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. Enrolment 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)

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 or option(s)
- Minor (4.0 - 5.0) plus a Minor (4.0 - 5.0) plus option(s) (2.0 - 0); This combination requires two Minor modules.

Degree Type	Available Module Combinations
The Honors Bachelor Degree (4-year) 15.0 courses after first year	Honors Specialization Honors Specialization-Major Honors Specialization-Minor Major-Major
The Bachelor Degree (4-year) 15.0 courses after first year	Specialization Specialization-Major Specialization-Minor Major Major-Major Major-Minor(s)
The Bachelor Degree (3-year) 10.0 courses after first year	Major Major-Minor Minor-Minor

Student Financial Services and Student Financial Aid

Western's Student Financial Services and Student Financial Aid Offices guarantees that no qualified student will be unable to attend or be required to withdraw from a program at Western for lack of access to adequate financial resources. At Student Financial Services, we provide a wide range of services to help you achieve your goals. You can schedule an appointment with a Student Financial Services Officer to discuss your individual circumstances.

For more detailed information visit our Web site at: www.registrar.uwo.ca/FinancialServices/
Financial Aid: email at finaid@uwo.ca
Telephone 519-661-2100
Scholarships: email nmerino@uwo.ca
Telephone 519-661-3991

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 mid to high 90s. 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%+.
- Western Scholarship of Distinction - unlimited, \$1,000 for one year, final average 87% - 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.

- An application is required and the deadline is February 14.
- Up to 14 scholarships valued from \$22,000 - \$33,000 (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 Services.

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 Web site 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 Web site 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 "The University of Western Ontario" and select "Tuition"), by cheque or money order, in person, or mail to:

Information Services

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 2009-10 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 2011.

*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 2010-11 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 2010-11 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 \$260.00*. Also see the WITHDRAWALS AND REFUNDS section of the 2010 Academic Calendar. Part-time students who withdraw from their courses prior to the start of the session will be assessed a cancellation fee of \$52.00 per full course* and/or \$26.00 per half course*. Also see Withdrawals and Refunds section of the 2010-11 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.

* The \$75.00 Distance Studies fee is non-refundable after the close of extended web registration.

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

Estimated Cost of Attending Western

Tuition Fees (2008-2009 full-time fees for many undergraduate programs): Approximately \$5,800

Books and Supplies (program dependent):
Approximately \$1,500

Personal and Living Expenses
(varies according to personal needs):
Approximately \$9,000 - \$10,000

SAO COURSE SELECTION

ALL 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

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

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.

Established 1878; University College; 519-850-2404

Dean: D. Pennee

Associate Dean, Academic: J. Hatch

Associate Dean, Research: R. Stainton

Website: www.uwo.ca/artsandhumanities

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
- Diploma in Arts Management
- Diploma in Public Relations
- Certificate in Gallery and Art Museum Practice
- Diploma in Gallery and Art Museum Practice
- Certificate in Writing for Professional Programs
- Diploma in Writing for Professional Programs

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 the study of civilization through an exploration of ancient Greece and Rome. Since the Greek and Roman worlds are the foundation of modern society, Classical Studies is not simply the study of the past. Contemporary debates about justice, freedom, human rights and the position of women in society are all rooted in antiquity. By looking at the ancient world, we can address the question of who we are today.

We take an interdisciplinary approach, embracing ancient

language, history, literature, philosophy, classical art, and archaeology. Our program comprises two kinds of courses. Some courses consider the major aspects of the ancient world (literature, history, archaeology) using English translations of the original sources. For those interested in reading classical literature in the original languages, courses in Ancient Greek and Latin are offered at all levels. The interdisciplinary nature of Classical Studies makes it an ideal combination for a Double Major with other fields in the Faculties of Arts & Humanities and Social Science.

MODULE	PREREQUISITE COURSES
Honors Specialization in Classical Studies	Classical Studies 1000 and Greek or Latin 1000 plus 1.0 additional course with an overall minimum average of 70%, and no mark in these principal courses below 60%. Successful completion of remaining year 1 courses.
Major in Classical Studies	Classical Studies 1000 with a mark of at least 60%.
Specialization in Classical Studies	Classical Studies 1000 with a mark of at least 60%.

Classical Studies *continued*

MODULE	PREREQUISITE COURSES
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 Roman Archaeology	Classical Studies 1000 is recommended.
Minor in Greek and Latin Literature	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	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E plus 2.0 additional principal courses with an overall minimum average of 70% and no mark less than 60% in each. Successful completion of remaining year 1 courses.
Major in English Language and Literature	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.
Specialization in English Language and Literature	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.
Minor in English Language and Literature	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.
Minor in General English	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.
Minor in Dramatic Literature	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.
Minor in English for Teachers	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.
Minor in Popular Literature and Cultural	English 1020E or 1022E or 1024E or 1027F/G and 1028F/G or 1035E or 1036E with a mark of at least 60%.

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	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	Film 1020E with a mark of at least 60%.
Minor in General Cinema Studies	Film 1020E with a mark of at least 60%.
Minor in National Cinemas	Film 1020E with a mark of at least 60%.

FRENCH STUDIES

www.uwo.ca/french

University College 138

519-661-2163

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	French 1900E or 1910 plus 2.0 additional principal courses with a minimum overall average of 70% and no mark less than 60% in each. Successful completion of remaining year 1 courses.
Honors Specialization in French Linguistics and Literature	French 1900E or 1910 plus 2.0 additional principal courses with a minimum overall average of 70% and no mark less than 60% in each. Successful completion of remaining year 1 courses.
Honors Specialization in French Language and Linguistics	French 1900E or 1910 plus 2.0 additional principal courses with a minimum overall average of 70% and no mark less than 60% in each. Successful completion of remaining year 1 courses.
Major in French	French 1900E or 1910 with a mark of at least 60%.
Specialization in French	French 1900E or 1910 with a mark of at least 60% or permission of the Department.
Minor in French	French 1900E or 1910 with a mark of at least 60% or permission of the Department.
Minor in Francophone Studies	French 1900E or 1910 with a mark of at least 60% or permission of the Department.

Certificate in Business French / Certificate in Practical French: For details visit the Western Academic Calendar at www.westerncalendar.uwo.ca, 'Certificates and Diplomas'.

MODERN LANGUAGES AND LITERATURES

www.uwo.ca/modlang

University College 115

519-661-3196

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; Gender, Sexuality & Culture; and Mediterranean Studies. 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	Comparative Literature and Culture (CLC) 1020 plus 2.0 additional courses with a minimum overall average of 70% and no mark less than 60% in these principal courses. A non-English language is recommended. Successful completion of remaining year 1 courses.
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.
Minor in Gender, Sexuality and Culture (offered jointly with Women's Studies)	CLC 1023 or Women's Studies 1020E with a mark of at least 60%, or permission of either Department.
Honors Specialization in German Language and Literature	German 1030 or 1030W/X, plus 2.0 additional courses with a minimum overall average of 70% and no mark less than 60% in these principal courses. Successful completion of remaining year 1 courses.
Major in German Language and Literature	German 1030 or 1030W/X with a mark of at least 60%. Students who take German 1030 or 1030W/X in first year will normally take German 2200 or 2200W/X concurrently with their second year courses.
Specialization in German Language and Literature	German 1030 or 1030W/X with a minimum mark of 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%.

Modern Languages and Literatures *continued*

MODULE	PREREQUISITE COURSES
Minor in Mediterranean Studies	CLC 1020 or 1021E is recommended. A first year language course is recommended.
Honors Specialization in Spanish Language and Literature	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. Successful completion of remaining year 1 courses.
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 minimum mark of 60%.
Minor in Spanish Studies	Spanish 1030 or 1030W/X with a mark of at least 60%, or permission of the Department.
Minor in Spanish Language and Linguistics	Spanish 1030 or 1030W/X, with a mark of at least 60%.
Certificate in Practical German, Italian or Spanish offered: For details visit the Western Academic Calendar at www.westerncalendar.uwo.ca , 'Certificates and Diplomas'.	

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. Consult the Department of Modern Languages and Literatures to request possible special permission.
- 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 Talbot College 316 519-661-3453

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	Students must have an average of at least 70% in 3.0 principal courses, with no mark in these principal courses below 60%. One of Philosophy 1020, 1022E, 1100E or 1200 is recommended. Successful completion of remaining year 1 courses.
Major in Philosophy	1.0 course from Philosophy 1100E, 1200, 1300E, 1350F/G (Huron), Philosophy 1230A/B (Huron), Philosophy 1250F/G (Huron) or Philosophy 1370A/B (Huron) is recommended.
Specialization in Philosophy	1.0 course from Philosophy 1100E, 1200, 1300E, 1350F/G (Huron), Philosophy 1230A/B (Huron), Philosophy 1250F/G (Huron) or Philosophy 1370A/B (Huron) is recommended.
Minor in Philosophy	Completion of first-year requirements.
Minor in Philosophy of Science	Completion of first-year requirements.
Minor in Ethics	Completion of first-year requirements.
Certificate in Ethics / Diploma in Ethics	For details visit the Academic Calendar at www.westerncalendar.uwo.ca , 'Certificates and Diplomas'.

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 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.

Visual Arts *continued*

MODULE	PREREQUISITE 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.
Honors Specialization in Visual Arts	Students must have an average of 70% in 3.0 principal courses, including Visual Arts Studio and Visual Arts History 1040 plus 1.0 additional course with no mark in these principal courses below 60%.
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 Visual Arts	Visual Arts Studio 1020 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 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	Visual Arts Studio 1020 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.
Minor in Museology	Visual Arts Studio 1020 and Visual Arts History 1040 with a mark of at least 60% in

WOMEN'S STUDIES AND FEMINIST RESEARCH

www.uwo.ca/womens Somerville House 2319 519-661-3759

See description in Inter-Faculty Departments/Modules on page 24.

MODULE	PREREQUISITE COURSES
Honors Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Major in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Minor in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Minor in Feminist Theory	See Inter-Faculty Departments/Modules on page 24.
Minor in Gender, Sexuality and Culture	See Inter-Faculty Departments/Modules on page 24.

WRITING, RHETORIC, AND PROFESSIONAL COMMUNICATION

www.uwo.ca/writing Stevenson-Lawson 270 519-850-2920

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 Film Studies 1020E, with a minimum mark of 60%.
Minor in Writing Studies	Completion of first-year requirement.

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

FACULTY OF ENGINEERING

Established 1954

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 and 2:00 pm- 4:00 pm; Appointment preferred

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)

and one of:

Grade 12U Calculus and Vectors (MCV4U) highly recommended; Grade 12U Math of Data Management (MDM4U); Grade 12U Biology (SBI4U); Grade 12U Earth and Space Science (SES4U); Grade 12U Analyzing Current Economic Issues (CIA4U); Grade 12U Canada, History, Identity and Culture (CHI4U); Grade 12U Canadian and World Issues (CGW4U); Grade 12U Canadian and International Law (CLN4U); Grade 12U Canadian and World Politics (CPW4U); Grade 12U Philosophy: Questions and Theories (HZZ4U); Grade 12U World Geography (CGU4U); Grade 12U World History (CHY4U).

Limited Enrolment Program

2008

Number of applicants: 3,050

Number of registrants: 327

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 | ■ Mechanical Engineering |
| ■ Civil Engineering | ■ Software Engineering |
| ■ Computer Engineering | ■ Technological |
| ■ Electrical Engineering | ■ Entrepreneurship |
| ■ Green Process Engineering | ■ Certificate Program |
| ■ Integrated Engineering | |

Engineering Co-op Programs

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

Industry Internship Program

Western's Internship Program allows qualified students the opportunity to pursue career-related positions in the private or

public sector for 12 to 16 months after completion of their second last year in the Engineering Program. This Internship Program is available to students in all undergraduate programs in the Faculty. Upon graduation, the students will receive a transcript notation identifying their degree as *Bachelor of Engineering Science in XXX with Professional Internship*. In addition to the practical experience and competitive salary gained through the internship, a maximum of 12 months of this employment may be used towards the four years experience required for licensing as a Professional Engineer in the Province of Ontario.

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

Summer Engineering Co-Op

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

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

For more information on Engineering Co-Op Programs – www.eng.uwo.ca/coop 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, or one of the courses listed above, 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.

* This does not apply to concurrent programs.

First Year Program

Full-year courses: Applied Mathematics 1413, Eng Sci 1050, Physics 1026, 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. (Two 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. For more information, please visit www.eng.uwo.ca

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 new 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.

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. For more information, please visit www.eng.uwo.ca

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 in computer engineering 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.

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.

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.

FACULTY OF HEALTH SCIENCES

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

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 enrol 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.

Students can add majors or minors within their program in areas of interest or areas that complement future directions. For example, students interested in working in Speech-Language Pathology may add a minor in Linguistics.

Academic Counselling

519-661-4119

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

Room 222, Labatt Health Sciences Building;

Appointment preferred

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 enrolment 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 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 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.
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 1222 or 1223.
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 1222 or 1223 or the former Biology 026; Chemistry 1050 or the former Chemistry 1020 or 023; 1.0 course from: Psychology 1000, 1200, Sociology 1020, 1021E, Anthropology 1025F/G, 1026F/G, 1027A/B; 1.0 course from: Calculus 1000A/B, 1201A/B, 1301A/B, 1501A/B, Mathematics 1228A/B, the former Mathematics 030; Linear Algebra 1600A/B, Statistical Sciences 1024A/B. If not completed in first year, the Mathematics requirement must be completed by the end of 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 1222 or 1223 or the former Biology 026. 1.0 course from: Psychology 1000, 1200, 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. <i>Note: Enrolment is limited to 15 students. Meeting the minimum requirements does not guarantee admissions.</i>
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 1222 or 1223; 1.0 course from Psychology 1000, 1200, 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. Enrolment in Bachelor of Health Sciences or Kinesiology program.

Bachelor of Health Sciences *continued*

MODULE	PREREQUISITE COURSES
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 1222 or 1223.
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.
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 (mark of at least 70%) and Chemistry 1050 (mark of at least 60%). Enrolment 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

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 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, fitness and pedorthics.

Students are well placed 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

- Grade 12U Physics (SPH4U) or Grade 11U Physics (SPH3U)
- Students interested in the BSc program are encouraged to select one Grade 12U-level Math course. Advanced Functions (MHF4U) is strongly recommended
- Note: It is strongly recommended that students wishing to pursue the BSc in Honors Kinesiology and/or careers in medicine and dentistry should include Grade 12U Chemistry [SCH4U] in their high school course selection. Western's first-year Chemistry course lists Grade 12U Chemistry as a prerequisite.

Degrees and Diplomas Offered

- Honors Specialization (4 year)**
 - Kinesiology - BA
 - Kinesiology - BSc
 - Kinesiology - Sport Management - BA*
 - Kinesiology - Fitness & Exercise Prescription - BA*
 - Kinesiology - Physical Education for Teaching*
- *Limited enrolment program
- Major (3 and 4 year)**
 - Kinesiology
 - Rehabilitation Sciences

Minor

- Rehabilitation Sciences
- Foods & Nutrition (offered through Brescia University College)

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

Combined Degree Programs

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

Concurrent Degree Programs (two separate degrees)

Kinesiology can be combined with:

- Music
- Foods & Nutrition
- Nursing
- Engineering Science

Diplomas

- Diploma in Pedorthics (in collaboration with Continuing Studies at Western and the Pedorthic 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 enrolment program.

Kinesiology *continued*

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 you have a medical checkup to ensure that your health status permits you to engage in these activities. 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

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 in such a way 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	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 full courses from: Biology 1222 or 1223; or Chemistry 1050; or 1.0 course from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1120A/B; 1225A/B; 1228A/B, 1229A/B Statistical Sciences 1024A/B; or Physics 1020, or 1024, or 1028A/B and 1029A/B; or Computer Science 1025A/B or 1026A/B, 1027A/B.
Honors Specialization in Kinesiology - BA Major in Kinesiology - BA	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 1220 and one of Sociology 1020 or 1021E.
Honors Specialization in Kinesiology - BA Fitness and Exercise Prescription	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, Physiology 1021, plus 1.0 additional course.
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, 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 1220 is recommended).
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%; 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.
Major in Rehabilitation Sciences	Health Sciences 1001A/B and 1002A/B or Kinesiology 1080A/B and 1088A/B with a minimum mark of 70%; Biology 1222 or 1223; 1.0 course from Anthropology 1025F/G, 1026F/G, 1027A/B, Psychology 1000, 1200, 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.

Minor in Rehabilitation Sciences	Health Sciences 1001A/B and 1002A/B or Kinesiology 1080A/B and 1088A/B with a minimum mark 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.
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 1050 (mark of at least 60%).

NURSING

Health Sciences Addition 519-661-3398

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 60% 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 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
519-661-3398; Monday - Thursday: 8:00 am - 4:00 pm
dlitzan@uwo.ca

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 1150A	Introduction to Professional Practice;
Nursing 1151	Health & Chronic Health Challenges;
Nursing 1152B	Professional Practice I: Caring for Adults with Chronic Health Challenges
Nursing 1153	Self & Others: Self Awareness & Interpersonal Relationships;

Degrees Offered

Undergraduate Programs

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

Graduate Programs

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

Limited Enrolment Program

2008
Number of applicants: 1533
Number of registrants Western Site: 125
Number of registrants Fanshawe College Site: 125
Minimum admission average: low 80s

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
Dean: T. Carmichael
Associate Dean: N. Dyer-Withford

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
10:00 am-12:00 noon and 2:00 pm-4:00 pm
email: mit@uwo.ca
Appointment preferred

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 and the Public Interest): 4-Year Honors Specialization
- Bachelor of Arts (Media, Information and Technoculture): 4-Year Honors Specialization
- Bachelor of Arts (Media and the Public Interest): 4-Year Honors
- Honors Specialization in Media, Information and Technoculture (MIT) and Honors Business Administration (HBA)
- Honors Specialization in Media, Information and Technoculture (MIT) and (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 Enrolment

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

MODULE	PREREQUISITE COURSES
Honors Specialization in Media, Information and Technoculture	Completion of all first-year requirements with no failures. Students must have an average of at least 72% in 4.0 principal courses (with no mark 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 all 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 our web site at www.fims.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 our website at www.fims.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. Multimedia Design & 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)

Limited Enrolment Program

2008

Number of applicants: 614

Number of registrants 89

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. Enrolment 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 all 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 and Public Interest

Completion of all 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

J. Tennant Co-Director Arts and Humanities
519-661-2111 x87885 • jtennant@uwo.ca

Anthropology Department - SSC 3408

T. Granadillo Co-Director Social Science
519-661-2111 x85096 • tgranadi@uwo.ca

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

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

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

Academic Counselling

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

Professor K. Pennesi (Department of Anthropology);
Professor F. Poiré (Department of French Studies).

Admission Requirements

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

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

Somerville House 2319 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 theory, health issues, philosophy, queer issues and sexuality studies, legal issues, violence against women, women and work, and women and the 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

Somerville House 2319

519-661-3759

Mon-Fri

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	Women's Studies 1020E plus 2.0 additional principal courses with a minimum overall average of 70% with no mark less than 60%. Successful completion of remaining year 1 courses.
Major in Women's Studies Specialization in Women's Studies Minor 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. Either Women's Studies 1020E or CLC 1023 with a mark of at least 60%, or permission from the Department.

DON WRIGHT FACULTY OF MUSIC

Established 1945

Talbot College

519-661-2043

Dean: R.W. Wood

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, Grade 12U Advanced Functions (MHF4U). 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 Enrolment Program

2009

Number of applicants: 820

Number of registrants: 147

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)*
- Master of Music (MMus)**
- Doctor of Philosophy (PhD)***

*Areas of study: Music Theory, Musicology, Popular Music

**Areas of study: Composition, Literature and Performance, Music Education

***Areas of study: Composition, Music Education, Music Theory, Musicology

Music *continued*

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, Business Administration 1220, one of Calculus 1000A/B, Linear Algebra 1600A/B, Mathematics 1228A/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.*

Note: If you demonstrate an advanced level of competence in harmony, you may be granted prerequisite standing for Music 1649A/B and be given permission to enrol in Music 1650A/B. (Music 1649A/B and 1650A/B may not be available in both terms.)

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: Economics 1021A/B and 1022A/B, or 1020 1.0 course: Business Administration 1220 0.5 course from: Calculus 1000A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/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	Completion of first year requirements.

FACULTY OF SCIENCE

Including Bachelor of Medical Sciences (BMSc) Program

Established 1924, Western Science Centre 191, 519-661-3041

Dean: D. Wardlaw

Associate Deans: M.G. Cottam (Research)
K. Griffiths (Academic)
D.L. Jones (Basic Medical Sciences, Academic Affairs)
L. Milligan (Administration)
D.L. Jones (Basic Medical Sciences, Academic Affairs)

Assistant Dean: C. Jones (Diversity and Outreach)
R. Secco (Graduate and International Research)

Academic Counselling

Science and Basic Medical Sciences
Academic Counselling Office - WSC 191
Email: science-counsel@uwo.ca
519-661-3040; 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.*
- First Year Chemistry requires a minimum of Grade 11 Chemistry and is required for Biological and Medical Sciences, Chemistry, and several other programs.

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
- Concurrent BSc/BEd (Mathematics): 4-year; 4-year Honors (5-year program)
- 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 enrol in the Science/BMSc Internship Program, if they satisfy the eligibility requirements.

APPLIED MATHEMATICS

Middlesex College 255 519-661-3649

www.apmaths.uwo.ca

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

Students must complete first year with no failures and 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 or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Linear Algebra 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.

Honors Specialization in Financial Modeling

Students must complete first year with no failures and 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 or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Linear Algebra 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

Applied Mathematics *continued*

MODULE	PREREQUISITE COURSES
Honors Specialization in Mathematical Sciences	Students must complete first year with no failures and 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 or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Linear Algebra 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: Statistical Sciences 1023A/B.
Major in Applied Mathematics Major in Applied Mathematics Methods	Students must complete first year and have a minimum grade of 60% in the following courses: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%). Linear Algebra 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.
Major in Financial Modelling	Students must complete first year and have a minimum grade of 60% in 3.0 principal courses. Principal courses include: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Linear Algebra 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 Scientific Computing and Numerical Methods	Students must complete first year and have a minimum grade of 60% in the following additional courses: Calculus 1000A/B or Calculus 1100A/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. Linear Algebra 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.
Major in Theoretical Physics	Students must complete first year and have a minimum grade of 60% in the following courses: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Physics 1020, 1024 or 1026. Linear Algebra 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.
Specialization in Applied Mathematics	Students must complete first year and have a minimum grade of 60% in the following courses: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%). Linear Algebra 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.
Minor in Applied Mathematics Minor in Mathematical and Numerical Methods	Students must complete first year and have a minimum grade of 60% in the following courses: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%). Linear Algebra 1600A/B or Applied Mathematics 1411A/B, with a mark of 60% for either, is normally taken in Year 1.

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

BIOINFORMATICS

Middlesex College 355 519-661-3566

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

MODULE	PREREQUISITE COURSES
Honors Specialization in Bioinformatics (Biochemistry Concentration)	Students must have an average of at least 70% in 4.0 principal courses, with a mark of at least 60% in each, including: Biology 1222 or 1223; Chemistry 1050; Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B and Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%); plus 1.0 course from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, or Applied Mathematics 1413.
Honors Specialization in Bioinformatics (Computer Science Concentration)	

BIOLOGY

Biological and Geological Sciences 232

519-661-2111 Ext 82542

www.uwo.ca/Biology

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 and 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 Animal Physiology Honors Specialization in Cell and Developmental Biology Honors Specialization in Comparative Physiology Honors Specialization in Ecology and Evolution Honors Specialization in Genetics	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 1222 or 1223; Chemistry 1050; plus 1.0 additional course. Physics 1020, 1024, or 1028A/B. 1.0 course from the Mathematics list for Biology modules. If not completed in the first year, the Mathematics requirement must be completed by the end of the second year.
Honors Specialization in Animal Behaviour (BSc)	Students must have an average of at least 70% with a mark of at least 60% in each in 3.0 principal courses, including: Biology 1222 or 1223; Chemistry 1050; Psychology 1000 or 1200; plus 1.0 additional principal course. Physics 1020 or 1024 or 1028A/B; 1.0 course from: the Mathematics list for Biology modules. If not completed in the first year, the Mathematics requirement must be completed by the end of second year.
Honors Specialization in Conservation Biology	Students must have an average of at least 70% with a mark of at least 60% in each in 3.0 principal courses, including Biology 1222 or 1223, Chemistry 1050, plus 1.0 additional course. Physics 1020, 1024 or 1028A/B; 1.0 course from: the Mathematics list for Biology modules. If not completed in the first year, the Mathematics requirement must be completed by the end of the second year. Suggested 1st year options are Economics 1020 or 1.0 from Geography 1300A/B, 1400F/G, 1500F/G.
Honors Specialization in Genetics and Biochemistry	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 1222 or 1223; Chemistry 1050; 1.0 course from the Mathematics list for Biology modules; plus 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B.
Major in Biology Major in Conservation Biology Major in Ecosystem Health Major in Genetics Specialization in Biology	Biology 1222 or 1223 (minimum 60%); Chemistry 1050; Physics 1020, 1024, or 1028A/B; 1.0 course from the Mathematics list for Biology modules. If not completed in the first year, the Mathematics requirement must be completed by the end of the second year. Note: Earth Sciences 1088F/G and Environmental Science 1021F/G are highly recommended for the Major in Ecosystem Health.
Minor in Biology Minor in Genetics	Biology 1222 or 1223 with a mark of at least 60%. Chemistry 1050.

* *Mathematics list for Biology modules: Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Linear Algebra 1600A/B, or Statistical Sciences 1024A/B.*

CHEMISTRY

Chemistry Building 119 519-661-2166

www.uwo.ca/chem

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	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 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B; plus 1.0 course from: Calculus 1000A/B or 1100A/B and one 0.5 course from Calculus 1201A/B, 1301A/B, 1501A/B, or Linear Algebra 1600A/B (with an average in the two of at least 60%); or Applied Mathematics 1413; or Mathematics 1225A/B and 1229A/B (with an average mark of at least 80%); or Mathematics 1225A/B and Calculus 1201A/B (with an average mark in the two of at least 80%).
Honors Specialization in Biochemistry and Chemistry	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 1222 or 1223, Chemistry 1050 plus 1.0 course from: Calculus 1000A/B or 1100A/B and one of Calculus 1201A/B, 1301A/B, 1501A/B, or Linear Algebra 1600A/B (with an average in the two of at least 60%); or Applied Mathematics 1413; or Mathematics 1225A/B and 1229A/B (with an average mark of at least 80%) or Mathematics 1225A/B and Calculus 1201A/B (with an average mark in the two of at least 80%). 1.0 course from: Physics 1020, 1024, or 1028A/B and 1029A/B is also required but is not considered a principal course.
Major in Chemistry	The following 3.0 courses with a mark of at least 60%: Chemistry 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B; plus 1.0 course from: Calculus 1000A/B or 1100A/B and one of Calculus 1201A/B, 1301A/B, 1501A/B, or Linear Algebra 1600A/B (with an average in the two of at least 60%); or Applied Mathematics 1413; or Mathematics 1225A/B and Mathematics 1229A/B (with an average mark in the two of at least 80%) or Mathematics 1225A/B and Calculus 1201A/B (with an average mark in the two of at least 80%).
Specialization in Chemistry	The following 3.0 courses with a mark of at least 60%: Chemistry 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B plus 1.0 course from Calculus 1000A/B or 1100A/B and one of Calculus 1201A/B, 1301A/B, 1501A/B, or Linear Algebra 1600A/B (with an average in the two of at least 60%); or Applied Mathematics 1413; or Mathematics 1225A/B and Mathematics 1229A/B (with an average mark in the two of at least 80%); or Mathematics 1225A/B and Calculus 1201A/B (with an average mark in the two of at least 80%).
Minor in Chemistry	The following 2.0 courses with a mark of at least 60%: Chemistry 1050; Calculus 1000A/B or Calculus 1100A/B and 0.5 course from Calculus 1201A/B, 1301A/B, 1501A/B, or Linear Algebra 1600A/B; or Applied Mathematics 1413; or Mathematics 1225A/B and Mathematics 1229A/B; or Mathematics 1225A/B and Calculus 1201A/B. This minor cannot be taken in combination with any other module offered by the Department of Chemistry.
Minor in Advanced 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 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	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 Inorganic 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 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

Middlesex College 355

519-661-3566

www.csd.uwo.ca

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	Students must have an average of at least 70% in 3.0 principal courses including: Computer Science 1025A/B <u>or</u> 1026A/B <u>or</u> Engineering Science 1036A/B (with a mark of at least 60%); Computer Science 1027A/B <u>or</u> 1037A/B (with a mark of at least 65%); 1.0 course from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Applied Mathematics 1413 (with a mark of at least 60%).
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 <u>or</u> 1026A/B <u>or</u> Engineering Science 1036A/B; Computer Science 1027A/B <u>or</u> 1037A/B (with a mark of at least 65%); plus 1.0 full course equivalent chosen from: Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Applied Mathematics 1413.
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	Registration in Honors Specialization in Computer Science, with a mark of at least 60% in the following courses: Linear Algebra 1600A/B, one of Calculus 1000A/B <u>or</u> 1100A/B, and one of Calculus 1301A/B <u>or</u> 1501A/B.
Minor in Game Development	Registration in either the Honors Specialization, the Major, or the Specialization in Computer Science; plus either Linear Algebra 1600A/B or permission of the Department.
Minor in Theoretical Computer Science	Registration in the Honors Specialization in Computer Science following Year 1.
Minor in Applications of Computer Science	Registration in either the Honors Specialization in Computer Science <u>or</u> the Specialization in Computer Science following Year 1.
Combined Honors BSc Computer Science/JD Program	Program is under review, for more information see the online Academic Calendar for more details.

EARTH SCIENCES

Health Sciences Addition 110

519-661-3187

www.uwo.ca/earth

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	Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses: At least 2.0 courses from Chemistry 1050; Physics 1021, 1024 or 1028A/B and 1029A/B; Biology 1222 or 1223; plus 1.0 additional course. 1.0 course from Calculus 1000A/B or 1100A/B and one of Calculus 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B or Mathematics 1225A/B and 1229A/B, is required but need not be considered a principal course.
Honors Specialization in Geophysics	Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses: Calculus 1000A/B or 1100A/B and 1301A/B or 1501A/B, or Applied Mathematics 1413; Physics 1020 or 1024; and at least 1.0 course from Earth Sciences 1022A/B, 1023A/B, 1081A/B, Chemistry 1024A/B, 1050, Linear Algebra 1600A/B. At least a 0.5 course in Earth Sciences is recommended in Year 1. Linear Algebra 1600A/B must be completed before the start of Year 3.
Honors Specialization in Geology and Biology	Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses, including: Biology 1222 or 1223; Chemistry 1050; plus 1.0 additional course, with no mark below 60%. 1.0 course from Calculus 1000A/B or 1100A/B, and one of Calculus 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B; or Mathematics 1225A/B and 1229A/B is required but need not be considered a principal course.

Earth Sciences *continued*

MODULE	PREREQUISITE COURSES
Honors Specialization in Environmental Geoscience	Students must have an average of at least 70% and no mark less than 60% in 3.0 principal courses, including: Biology 1222 or 1223; Chemistry 1050; plus 1.0 additional course. 1.0 course from Calculus 1000A/B or 1100A/B and one of Calculus 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B or Mathematics 1225A/B and 1229A/B.
Honors Geology Program	Students must complete first year with no failures and have a minimum average of
Honors Environmental Geoscience Program	70% on 3.0 principal courses, with no mark less than 60% in any principal course. Principal courses include: Chemistry 1050; Physics 1020 or 1024 or 1026; Calculus 1000A/B or Calculus 1100A/B; Earth Sciences 1022A/B or 1023A/B or 1081A/B or 1083A/B. Additional requirements include: 1.0 courses from Biology 1222, 1223; Computer Science 1025A/B, 1026A/B, 1027A/B, 1032A/B; Calculus 1301A/B; Mathematics 1225A/B, 1229A/B; Statistical Sciences 1023A/B, 1024A/B, 2122A/B; Earth Sciences 2222A/B; Geography 2210A/B. Plus 1.0 additional course from Category A or Category B.
Honors Geophysics Program	
Major in Earth and Planetary Sciences	Completion of first-year requirements.
Specialization in Geology	At least 2.0 courses from: Chemistry 1050; Physics 1021, 1024 or 1028A/B and 1029A/B; Biology 1222 or 1223; plus 1.0 additional course (to make the total of 3.0 courses). 1.0 course from Calculus 1000A/B or 1100A/B, and one of Calculus 1201A/B 1301A/B, 1501A/B, Linear Algebra 1600A/B; Statistical Sciences 1024A/B; or Mathematics 1225A/B and 1229A/B.
Specialization in Geophysics	Calculus 1000A/B or 1100A/B and 1301A/B or 1501A/B, or Applied Mathematics 1413; Physics 1020 or 1024; 1.0 course from Earth Sciences 1022A/B, 1023A/B, 1081A/B, Chemistry 1024A/B, 1050, Linear Algebra 1600A/B. At least 0.5 course in Earth Sciences is recommended in Year 1. Linear Algebra 1600A/B must be completed before Year 3.
Specialization in Geology and Biology	Students are required to take 3.0 courses, including: Biology 1222 or 1223; Chemistry 1050; plus 1.0 additional course with no mark in these courses below 60%. 1.0 course from Calculus 1000A/B or 1100A/B, and one from Calculus 1201A/B, 1301A/B or 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B, or Mathematics 1225A/B and 1229A/B.
Specialization in Environmental Geoscience	Students are required to take 3.0 courses, including: Biology 1222 or 1223; Chemistry 1050; plus one additional course with no mark in these courses below 60%. 1.0 course from Calculus 1000A/B or 1100A/B, and one from Calculus 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Science 1024A/B, or Mathematics 1225A/B and 1229A/B.
Minor in Geophysics	1.0 course from: Calculus 1000A/B or 1100A/B and one of Calculus 1201A/B, 1301A/B or 1501A/B, or Applied Mathematics 1413, with a mark of at least 60% in each.
Minor in Advanced Studies in Earth and Planetary Sciences	Enrolment in an Honors Specialization in Geology, Geophysics, Geology and Biology, Environmental Geoscience, Planetary Science, or Material Science.
Minor in Earth and Planetary Sciences	Completion of first-year requirements.

ENVIRONMENTAL SCIENCE

Environmental Science Information: 519-850-2570 Western Science Centre 109 www.uwo.ca/enviro

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 involve biology, chemistry, physics, mathematics, geology, geography, toxicology and more are explored.

MODULE	PREREQUISITE COURSES
Honors Specialization in Environmental Science	Students must have an average of at least 70%, with a mark of at least 60%, in 3.5 principal courses, including: 0.5 course from Environmental Science 1021F/G, Geography 1300A/B, 1400F/G, 1500F/G, Earth Sciences 1022A/B, 1023A/B, 1081A/B, 2281A/B; Biology 1222 or 1223; Chemistry 1050; plus 1.0 course from: Calculus

1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Linear Algebra 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 courses: 0.5 course from: Environmental Science 1021F/G, Geography 1300A/B, 1400F/G, 1500F/G, Earth Sciences 1022A/B, 1023A/B, 1081A/B, 2281A/B; Biology 1222 or 1223; Chemistry 1050; plus 1.0 course from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B.

MATHEMATICS

Middlesex College 125
Tel: 519-661-3638 Fax: 519-661-3610
Email: mathdept@uwo.ca www.math.uwo.ca

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 Major in Mathematics	Students must have an average of at least 70%, with a mark of at least 60%, in 3.0 principal courses: Calculus 1000A/B or 1100A/B plus Calculus 1501A/B (or 1301A/B with a mark of at least 85%); plus 2.0 additional courses. Linear Algebra 1600A/B with a mark of at least 60% and Mathematics 1120A/B with a mark of at least 70% must be completed either in Year 1 or prior to Mathematics 2120A/B in the module. These courses will be considered as principal courses if taken in Year 1.
Specialization in Mathematics	Calculus 1000A/B or 1100A/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%. Linear Algebra 1600A/B and Mathematics 1120A/B are recommended. Students who plan to take Mathematics 2120A/B must first complete either Linear Algebra 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 2211B must first complete either Linear Algebra 1600A/B with a minimum mark of 50% or Mathematics 1120A/B with a minimum mark of 70%.
Specialization in Mathematics in Society	Calculus 1000A/B or 1100A/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%. Linear Algebra 1600A/B and Mathematics 1120A/B are recommended. Students who plan to take Mathematics 2120A/B must first complete either Linear Algebra 1600A/B with a minimum mark of 60% or Mathematics 1120A/B with a minimum mark of 70%.
Minor in Mathematics	Calculus 1000A/B or 1100A/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%. Linear Algebra 1600A/B and Mathematics 1120A/B are recommended.
Honors Specialization in Mathematical Sciences	See Applied Mathematics.
Concurrent Mathematics and Education Program (BSc/BEd)	Students must meet the admission requirements for the Science module chosen and for the Minor for Concurrent programs. In addition students must be accepted to the Faculty of Education based on their first-year performance and on the completion of a written Experience Profile.

PHYSICS AND ASTRONOMY

Physics and Astronomy 125
Email: ugrad@physics.uwo.ca

519-661-3283
www.physics.uwo.ca

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

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

MODULE	PREREQUISITE COURSES
Honors Specialization in Physics Honors Specialization in Astrophysics	Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: Physics 1020, 1024, 1026, or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/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 Linear Algebra 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
Honors Specialization in Medical Physics	Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: Physics 1020, 1024, 1026, or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and 1501A/B (preferred) or 1301A/B, or Applied Mathematics 1413; 1.0 additional course. Students must complete Linear Algebra 1600A/B with a minimum mark of 55% prior to the second term in Year 2.
Honors Specialization in Materials Science	Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: Physics 1020, 1024, 1026, or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413; Chemistry 1050.
Honors Specialization in Planetary Science	Students must have an average of at least 70% in 3.0 principal courses, with a mark of at least 60% in each: Physics 1020, 1024 or 1026; or Physics 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and 1501A/B (preferred) or 1301A/B, or Applied Mathematics 1413; plus 1.0 additional course.
Minor in Advanced Physics	Completion of first-year requirements. 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	Completion of first-year requirements including Chemistry 1050 (or Chemistry 1024A/B, or the former Chemistry 1020, 023). 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 Major in Astrophysics	The following courses, each with a mark of at least 60%: Physics 1020, 1024, 1026, or Physics 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and Calculus 1501A/B (preferred) or 1301A/B, or Applied Mathematics 1413. Students must complete Linear Algebra 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 1020, 1024, 1026 or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413. Students must complete Linear Algebra 1600A/B prior to the second term in Year 2.
Major in Materials Science Specialization in Materials Science	The following courses, each with a mark of at least 60%: Physics 1020, 1024, 1026,
Minor in Materials Science	or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and Calculus 1301A/B or 1501A/B, or Applied Mathematics 1413; Chemistry 1050.
Major in Planetary Science Specialization in Planetary Science	The following courses, each with a mark of at least 60%: Physics 1020, 1024 or 1026;
Minor in Planetary Science	or Physics 1028A/B and 1029A/B. Calculus 1000A/B or 1100A/B, and 1301A/B or 1413; plus 1.0 course from: Earth Sciences 1022A/B, 1023A/B, 1081A/B, 1083F/G. Earth Sciences 2281A/B may be substituted if Earth Sciences 1022A/B, 1023A/B or 1081A/B is not taken in year 1.
Specialization in Physics Specialization in Astrophysics	The following 3.0 courses, each with a mark of at least 60%: Physics 1020, 1024, 1026, or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413; 1.0 additional course. Students must complete Linear Algebra 1600A/B with a mark of at least 55% prior to the second term in Year 2.
Specialization in Medical Physics	The following 3.0 courses, each with a mark of at least 60%: Physics 1020, 1024, 1026, or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413; 1.0 additional course. Students must

Physics and Astronomy *continued*

MODULE	PREREQUISITE COURSES
	complete Linear Algebra 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 1020, 1024, 1026, or 1028A/B and 1029A/B; Calculus 1000A/B or 1100A/B, and 1301A/B or 1501A/B, or Applied Mathematics 1413. Students must complete Linear Algebra 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.

SCIENCE AND EDUCATION

Office of the Dean, Faculty of Science Western Science Centre 191 519-661-3040

This program is designed to prepare students to teach at the intermediate-senior level (grades 7-12) only. Entry into this program begins after completion of a first year in the Faculty of Science, and may be limited.

The Honors Specialization will combine courses that comprise a Major and a Minor module offered by the Faculty of Science, in two approved science subjects, and a group of courses specified by the Faculty of Education. One of the science subjects **must be Physics** and the second science subject must be selected from **Applied Mathematics, Chemistry, Computer Science, Mathematics, or Statistical and Actuarial Science**.

Graduation with Honors will require a minimum average of 75% in each course group in the program, with a mark of at least 60% in each course, and **will guarantee acceptance to the BEd program, Intermediate/Senior stream, at the Faculty of Education at UWO**. Students are guaranteed admission only in the combination of teachable subjects approved at the time of entry to the Honors Specialization in Science and Education.

MODULE	PREREQUISITE COURSES
Honors Specialization in Science and Education	Completion of first-year requirements with an overall average of at least 75% on 5.0 courses that include Calculus 1000A/B and 1501A/B (with a mark of 60% or greater), the prerequisites for the science modules selected, and 1.0 course in Sociology or Psychology at the 1000 level. Students also are required to develop a degree plan that will fulfill the requirements for entry into the identified science subjects and have a satisfactory rating on the Faculty of Education's Experience Profile.

STATISTICAL AND ACTUARIAL SCIENCES

Western Science Centre 262

Tel: 519-661-3607

Website: www.stats.uwo.ca

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	Students must complete first year with no failures and 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 or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Linear Algebra 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. Economics 1021A/B and Economics 1022A/B, if not taken in first year, must be completed in one of the upper years in the program.
Honors Specialization in Financial Modeling	Students must complete first year with no failures and 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 or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Linear Algebra 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	Students must complete first year with no failures and 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 or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Linear Algebra 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 complete first year and have a minimum grade of 60% in 3.0 principal courses. Principal courses include: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Linear Algebra 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. Economics 1021A/B and Economics 1022A/B, if not taken in first year, must be completed in one of the upper years in the program.
Major in Financial Modelling	Students must complete first year and have a minimum grade of 60% in 3.0 principal courses. Principal courses include: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); plus 2.0 additional principal courses. Linear Algebra 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 Statistics	Students must complete first year and have a minimum grade of 60% in 3.0 principal courses. Principal courses include: Calculus 1000A/B or Calculus 1100A/B; Calculus 1501A/B (or Calculus 1301A/B with a mark of at least 85%); Linear Algebra 1600A/B; Statistical Sciences 1023A/B; plus 1.0 additional principal courses.

* *Applied Mathematics 1413 may be substituted for the 1.0 Calculus course requirement, and Applied Mathematics 1411 A/B may be substituted for Linear Algebra 1600 A/B. Linear Algebra 1600 A/B (or Mathematics 1411 A/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

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. For additional information about admission requirements and admission criteria, please visit the BMSc website at www.uwo.ca/bmsc

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, Clinical 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 information about the differences between the modules (Honors Specializations as opposed to Specializations), and 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

Medical Sciences Building M443 519-661-3014 Website: www.uwo.ca/anatomy

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	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 65%, must be completed by the end of second year. Enrolment in this module is limited and requires registration in a BMSc (Honors) degree.
Honors Specialization in Biochemistry and Cell Biology	See Biochemistry Department listing.
Major in Medical Cell Biology	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. A degree containing this module normally requires 4 years for completion.
Minor in Medical Cell Biology	Students must have a mark of at least 60% in the following 2.0 principal courses: Biology 1222 or 1223; Chemistry 1050.

*Mathematics list: 1.0 course is required from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, or Applied Mathematics 1413.

BIOCHEMISTRY

Medical Sciences Building M342 519-661-3074 Website: www.biochem.uwo.ca

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 Clinical Biochemistry	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 65%, must be completed by the end of second year. Enrolment in any of these Honors Specialization modules is limited and requires registration in a BMSc (Honors) degree.
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	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. A degree containing this module normally requires 4 years for completion.
Specialization in Biochemistry	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. Enrolment in this module requires registration in a BMSc degree.
Minor in Biochemistry	Students must have a mark of at least 60% in the following 2.0 principal courses: Biology 1222 or 1223; Chemistry 1050. 1.0 course is required from the mathematics list below*.

* *Mathematics list: 1.0 course is required from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, or Applied Mathematics 1413.*

MEDICAL BIOPHYSICS

Medical Sciences Building M407 519-661-3053 Website: www.uwo.ca/biophysics

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 microcopy 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)	Students must have an average of at least 70% in the following 4.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Calculus 1000A/B or 1100A/B; Calculus 1301A/B or 1501A/B; Chemistry 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B (either Physics 1020 or 1024 is recommended*). If not taken in Year 1, Biology 1222 or 1223 with a mark of at least 65% must be completed by the end of Year 2. Enrolment in this module is limited and requires registration in a BMSc (Honors) degree.
Honors Specialization in Medical Biophysics (Physical Science Concentration)	Students must have an average of at least 70% in the following 4.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Calculus 1000A/B or 1100A/B; Calculus 1301A/B or 1501A/B; Chemistry 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B (either Physics 1020 or 1024 is recommended*). If not taken in Year 1, Biology 1222 or 1223 with a mark of at least 65% must be completed by the end of Year 2. Offered in BSc (Honors) degree.

65%

Medical Biophysics *continued*

MODULE	PREREQUISITE COURSES
Major in Medical Biophysics Minor in Medical Biophysics	Students must have a mark of at least 60% in the following 4.0 principal courses: Biology 1222 or 1223; Calculus 1000A/B or 1100A/B; Calculus 1301A/B or 1501A/B; Chemistry 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B (either Physics 1020 or 1024 is recommended)*. If not taken in Year 1, Biology 1222 or 1223 with a mark of at least 60% must be completed by the end of Year 2.
Specialization in Medical Biophysics	Students must have a mark of at least 60% in the following 4.0 principal courses: Biology 1222 or 1223; Calculus 1000A/B or 1100A/B; Calculus 1301A/B or 1501A/B; Chemistry 1050; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B (either Physics 1020 or 1024 is recommended)*. If not taken in Year 1, Biology 1222 or 1223 with a mark of at least 60% must be completed by the end of Year 2. Enrolment in this module requires registration in a BSc degree.

**Note: Students who complete either Physics 1020 or 1024 will take Physics 2101A/B and Physics 2102A/B in the module. Students who complete Physics 1028A/B and 1029A/B may choose any combination of Medical Biophysics 2128A/B and 2129A/B, Physics 2128A/B and 2129A/B, or Physics 2101A/B and 2102A/B in the module (an average of at least 80% must be achieved in Physics 1028A/B and 1029A/B, however, to choose Physics 2101A/B and 2102A/B).*

MEDICAL SCIENCES

Medical Sciences Building M138

519-661-3169

Website: www.uwo.ca/bmsc

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	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 65%, must be completed by the end of second year. Enrolment in this module is limited and requires registration in a BSc (Honors) degree.
Major in Medical Sciences	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year.
Specialization in Medical Sciences	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. Enrolment in this module requires registration in a BSc degree.
Minor in Medical Sciences	Students must have a mark of at least 60% in the following 2.0 principal courses: Biology 1222 or 1223; Chemistry 1050.
Combined Honors BSc/HBA	Students apply for the combined degrees during the first year of the HBA. To be eligible for admission, students must complete the admission requirements for entry into the Honors Specialization in Medical Sciences, 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 satisfy the minimum progression requirements for the Honors Specialization in Medical Sciences. Enrolment in the combined degrees is limited and competitive.

** Mathematics list: 1.0 course is required from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, or Applied Mathematics 1413.*

MICROBIOLOGY AND IMMUNOLOGY

Dental Sciences 3014 519-661-3427 Website: www.uwo.ca/mni

Microorganisms play many roles in the functioning of the biosphere and have been detected everywhere from hot springs to the polar regions. They are essential for the global decomposition of waste in both aquatic and terrestrial environments. They are also necessary in the food industry and other manufacturing applications, and essential for biotechnology. Meanwhile, many bacteria and viruses are responsible for infectious diseases in plants and animals. The immune system reacts with pathogens to maintain our health yet can also react to cause diseases such as arthritis, diabetes, multiple sclerosis, and arteriosclerosis. Explore the cellular and molecular biology of microorganisms and the immune system in these modules.

MODULE	PREREQUISITE COURSES
Honors Specialization in Microbiology and Immunology	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 65%, must be completed by the end of second year. Enrolment in this module is limited and requires registration in a BMSc (Honors) degree.
Honors Specialization in Biochemistry of Infection and Immunity	See Biochemistry Department listing.
Major in Microbiology and Immunology	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. A degree containing this module normally requires 4 years for completion.
Specialization in Microbiology and Immunology	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. Enrolment in this module requires registration in a BMSc degree.
Minor in Microbiology and Immunology	Students must have a mark of at least 60% in the following 2.0 principal courses: Biology 1222 or 1223; Chemistry 1050.

* *Mathematics list: 1.0 course is required from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, or Applied Mathematics 1413.*

PATHOLOGY

Dental Sciences Building 4044 Tel. 519-661-2030 Website: www.uwo.ca/pathol/

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	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 65%, must be completed by the end of second year. Enrolment in this module is limited and requires registration in a BMSc (Honors) degree.
Specialization in Pathology and Toxicology	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. Enrolment in this module is limited and requires registration in a BMSc degree.

* *Mathematics list: 1.0 course is required from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, or Applied Mathematics 1413.*

PHYSIOLOGY AND PHARMACOLOGY

Medical Sciences Building M216

519-661-3460

Website: www.schulich.uwo.ca/physpharm

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	Students must have an average of at least 70% in the following 3.0 principal courses, with no mark in these principal courses below 65%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 65%, must be completed by the end of second year. Enrolment in any of these Honors Specialization modules is limited and requires registration in a BMSc (Honors) degree.
Honors Specialization in Physiology and Psychology	Students must have an average of at least 70% in the following 5.0 principal courses, with no mark in these principal courses below 60%: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*; 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B; 1.0 course from Psychology 1000, 1100E or 1200. Enrolment in this module is limited and is offered in a BSc (Honors) degree.
Major in Pharmacology Major in Physiology	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. A degree containing either of these Major modules normally requires 4 years for completion.
Specialization in Pharmacology Specialization in Physiology Specialization in Physiology and Pharmacology	Students must have a mark of at least 60% in the following 3.0 principal courses: Biology 1222 or 1223; Chemistry 1050; 1.0 course from the mathematics list below*. 1.0 course from Physics 1020, 1024, or 1028A/B and 1029A/B, with a mark of at least 60%, must be completed by the end of second year. Enrolment in any of these Specialization modules requires registration in a BMSc degree.
Minor in Pharmacology	Students must have a mark of at least 60% in the following 2.0 principal courses: Biology 1222 or 1223; Chemistry 1050.

* *Mathematics list: 1.0 course is required from Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, or Applied Mathematics 1413.*

FACULTY OF SOCIAL SCIENCE

Established 1968
Dean: Brian Timney

Social Science Centre Web Site: www.ssc.uwo.ca Phone: 519-661-2053
Associate Deans: Julie McMullin, 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 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

Social Science Centre 3207

519-661-2051

Website: www.mos.uwo.ca

The first program of its kind in Canada, the Bachelor of Management and Organizational Studies is a four-year multi-disciplinary Degree. The focus of the program is a mix of traditional business courses and a strong foundation in the social sciences.

The BMOS Degree will help you to develop valuable skills in accounting, finance, marketing, operations management, human resources management, and strategic management. Learn how the social sciences inform our understanding of human behaviour, society, and social interactions – essential tools in today's global marketplace. Many BMOS students continue studying at Western's Richard Ivey School of Business HBA Program. The BMOS Degree is also a stepping-stone to MBA programs, Law, or other professional schools. The degree provides a solid foundation for those interested in earning the CA, CMA, CGA, or CHRP professional designation after graduation.

BMOS Specialization (Four-year)

There are four specializations in the BMOS Degree. When deciding on one of the specializations, it would be helpful to refer to Western's Academic Calendar which provides an outline of the second, third and fourth year course requirements. (The Academic Calendar can be found on the Web Site at www.westerncalendar.uwo.ca/. Further details are on the MOS website.) The first year of each specialization is outlined in the following section.

If you are not admitted to the BMOS Degree initially, but have an interest in a specialization, you may select (as far as possible) the required courses and apply to the degree the following year. You must have a minimum average of 70% over 5.0 courses to be considered for admission to second year of the BMOS Degree.

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.

* Although Calculus is not required for admission, students admitted to the Specialization in Finance and Administration or Commercial Aviation Management without a Calculus background will be required to take Mathematics 0110A/B in addition to two half-courses in Mathematics at the 1000-level OR Calculus 1100A/B in addition to one half-course at the 1000-level during first year in order to meet certain course/module requirements. When considering a course/module in another discipline, please check the Mathematics requirement(s) and choose the appropriate Mathematic(s) course that satisfies that particular

MODULE	PREREQUISITE COURSES
Specialization in Commercial Aviation Management	Management and Organizational Studies 1020A/B and 1022F/G. Business Administration 1220 or 1.0 designated essay course numbered 1000E-1999E from the Categories A or B. 1.0 course from Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B. Economics 1021A/B and 1022A/B, or 1020. 1.0 course from Geography 1100, 1300A/B, 1400F/G, 1500F/G, Physics 1020, 1021, 1024 (Note: Students must have completed Grade 12U Physics or Physics 1020, 1021, 1024, prior to their second year of study.). It is recommended that students complete at least 2 hours of small aircraft flying time prior to their first year of study. Students who have obtained previous flight training from an accredited flight school may also be eligible to receive credit for this training at the discretion of the Director of BMOS.
Specialization in Finance and Administration	Management and Organizational Studies 1020A/B. Business Administration 1220. 1.0 course from Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B. 0.5 course from Computer Science 1032A/B, or one other half course in Computer Science numbered 1000-1999. Economics 1021A/B and 1022A/B, or 1020. 1.0 designated essay course numbered 1000E-1999E from Anthropology, Geography, History, Political Science, Sociology, Women's Studies.
Specialization in Finance, Administration and Computer Science	Management and Organizational Studies 1020A/B. Business Administration 1220. 1.0 course from Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B. Computer Science 1025A/B or 1026A/B, 1027A/B. Economics 1021A/B and 1022A/B, or 1020. 0.5 course numbered 1000-1999.
Specialization in Organizational and Human Resources	Management and Organizational Studies 1020A/B. Business Administration 1220. 1.0 course from Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B. 0.5 course from Computer Science 1032A/B or any other half course in Computer Science numbered 1000-1999. Psychology 1000. Sociology 1020 or 1021E.

BMOS Specializations may be combined with certain Minor modules offered by other departments and faculties.

Bachelor of Management and Organizational Studies Degree *continued*

BMOS Honors

The Bachelor of Management and Organizational Studies Honors Degree must include one of the following four Major modules: Accounting; Management and Organizational Studies; Organizational and Human Resources; Commercial Aviation Management, in combination with another Major module in a discipline other than Management and Organizational Studies. In addition to the BMOS Honors Degree, the Commercial Aviation Management Major module allows students who select the Flight Training option the opportunity to obtain a Commercial Pilot's License.

Admission Requirements

Students may not apply to the BMOS Honors Double Major when they apply for admission to the University.

To apply to the BMOS Honors program (Double Major) after first year, students must have achieved an overall average of at least 70% on the last 5.0 courses, including the principal courses with an average of 70%, no grade less than 60% in any of the principal courses, and an overall cumulative average of 65%. In addition, students must successfully complete the admission requirements for a Major module in a discipline other than Management and Organizational Studies. Students enrolled in a Specialization in BMOS at an Affiliated University College must meet the admission requirements in order to transfer into a Major in BMOS on main campus.

Enrolment in some Major modules may be limited. Meeting of minimal requirements does not guarantee admission.

MODULE	PREREQUISITE COURSES
Major in Accounting	Students may not apply to the BMOS Honors Double Major when they apply for admission to the University. Students may apply for admission upon successful completion of all first-year requirements, with an average of 70%, and no grade less than 60% in any of the 2.5 principal courses: 1.0 course: Business Administration 1220; 0.5 course: Management and Organizational Studies 1020A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B. 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. <i>See note below.</i>
Major in Management and Organizational Studies	Students may not apply to the BMOS Honors Double Major when they apply for admission to the University. Students may apply for admission upon successful completion of all first-year requirements, with an average of 70%, and no grade less than 60% in any of the 2.5 principal courses: 1.0 course: Business Administration 1220; 0.5 course: Management and Organizational Studies 1020A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B. 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. <i>See note below.</i>
Major in Organizational and Human Resources	Students may not apply to the BMOS Honors Double Major when they apply for admission to the University. Students may apply for admission upon successful completion of all first-year requirements, with an average of 70%, and no grade less than 60% in any of the 2.5 principal courses: 1.0 course: Business Administration 1220; 0.5 course: Management and Organizational Studies 1020A/B; 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B. 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. <i>See note below.</i>
Major in Commercial Aviation Management	Students may apply for admission to the Commercial Aviation Management Major upon successful completion of all first-year requirements, with an average of 70%, and no grade less than 60% in any of the 3.0 principal courses: 1.0 course from: Business Administration 1220 or a designated essay course numbered 1000E-1999E from Categories A or B, 0.5 course: Management and Organizational Studies 1020A/B, 0.5 course: Management and Organizational Studies 1022F/G, 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B. <i>See note below.</i>

Note: In addition to meeting the above admission requirements, students must successfully complete the admission requirements for a Major module in a discipline other than Management and Organizational Studies. If admission requirements are not met in either or both of the Majors, students will not be allowed to register in the BMOS Honors program and will be required to apply to a Specialization in BMOS or to another program.

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

AMERICAN STUDIES

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

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 3.0 principal courses, including American Studies 1020, History 1701E, Political Science 1020E, and/or one of English 1020E, 1022E or 1024E, with no mark in these principal courses below 60%.
Major 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.)
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

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

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 3.0 principal courses, including Anthropology 1025F/G and one of Anthropology 1026F/G or 1027A/B plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in Linguistic Anthropology	Completion of first-year requirements, including Anthropology 1025F/G and 1027A/B with a mark of at least 60% in each Anthropology course.
Major in Sociocultural Anthropology	Completion of first-year requirements, including either Anthropology 1025F/G and one of Anthropology 1026F/G or 1027A/B or with a mark of at least 60% in each Anthropology course.
Major in Bioarchaeological Anthropology	Completion of first-year requirements, including Anthropology 1025F/G and 1026F/G with a mark of at least 60% in each Anthropology 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 with a mark of at least 60% in each Anthropology 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 1025F/G, Geography 1100, 1400F/G, 1500F/G, CGS 1000E, Political Science 1020E or Sociology 1020, 1021E.

ECONOMICS

Social Science Centre 4071 519-661-3500

Website: <http://economics.uwo.ca>

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 Mathematics 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 70% and no grades less than 60% in the following 1.5 courses: Economics 1021A/B and 1022A/B, or 1020; and 0.5 course from Calculus 1000A/B or 1100A/B. Linear Algebra 1600A/B and Calculus 1501A/B (or Calculus 1301A with a mark of at least 85%) must be completed by the end of 2nd year. Note: Students entering this program before Sept 1, 2010 who have not completed Calculus 1000A/B or 1100A/B may enter the program if they 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 2.0 courses: Economics 1021A/B and 1022A/B, or Economics 1020; and 1.0 course from Linear Algebra 1600A/B, Mathematics 1225A/B, 1229A/B, the former Mathematics 030. Such students are required to complete Economics 2210A/B as part of the module requirements.
Honors Specialization in Economics, Politics and Philosophy	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 1020; Political Science 1020E; and Calculus 1000A/B or 1100A/B. Students can enter the module without Political Science 1020E, but they must complete this course by the end of 2nd year. Note: Students entering this program before Sept 1, 2010 who have not completed Calculus 1000A/B or 1100A/B may fulfill the math entry requirement with an average of at least 70% and no mark less than 60% in 1.0 course from Linear Algebra 1600A/B, Mathematics 1225A/B, 1229A/B, the former Mathematics 030. Such students are required to complete Economics 2210A/B as part of the module requirements.
Honors Specialization in Global Economics	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 1020; and 0.5 course from Calculus 1000A/B or 1100A/B.
Major in Economics	Completion of first-year requirements, including the following 1.5 courses with an average of 70% and no grade less than 60%: Economics 1021A/B and 1022A/B or 1020; and 0.5 course from: Calculus 1000A/B, 1100A/B.
Major in Financial Economics	Completion of first-year requirements, including the following 1.5 courses with an average of at least 70% with no mark less than 60%: Economics 1021A/B and 1022A/B or Economics 1020; and 0.5 course from Calculus 1000A/B or 1100A/B. (Note: Students entering the program before September 1 2010, who have not completed Calculus 1000A/B or 1100A/B, may enter the program if they have an average of at least 70% and no mark less than 60% in Economics 1021A/B and Economics 1022A/B or Economics 1020 and in 1.0 courses from Linear Algebra 1600A/B, Mathematics 1255A/B, 1229A/B, the former Mathematics 030. Such students are required to complete Economics 2210A/B as part of the module requirements.)
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 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 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.)

FIRST NATIONS STUDIES

Social Science Centre 3255

519-661-2111 x86429/85087

Website: www.uwo.ca/firstnations

This interdisciplinary program explores the role of First Nations peoples in Canadian society, focusing on the Hodenosaunee (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	Completion of first-year requirements with no failures. 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

Social Science Centre 2322

519-661-3423

Website: <http://geography.uwo.ca>

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, plus 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, 1500F/G, (with Geography 1300A/B recommended) and 3.0 courses from the Faculty of Science, not including Astronomy 1021; Biology 1225, 1229F/G, 1290B; Calculus 1201A/B; Chemistry 1027A/B; Computer Science 1032A/B; and Physics 1021. Students must have an average of at least 70% in Geography 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, 1500F/G, plus 2.0 additional courses, with no mark in these principal courses below 60%.
Honors Specialization in Geographic Information Science – BSc	Completion of first year requirements, including 1.0 course from Geography 1100, 1300A/B, 1400F/G, 1500F/G, and 3.0 courses from the Faculty of Science, not including Astronomy 1021; Biology 1225, 1290B; Calculus 1201A/B; Computer Science 1032A/B; and Physics 1021. 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 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; Linear Algebra 1600A/B.
Honors Specialization in Urban Development - BA	Completion of 5.0 first-year courses with no failures including: 1.0 from Geography 1100, 1300A/B, 1400F/G, 1500F/G, and 1.0 from Economics 1021A/B and 1022A/B or 1020. Students must have an average of at least 70% in 3.0 principal courses, including Geography 1100, 1300A/B, 1400F/G, 1500F/G, Economics 1021A/B and 1022A/B or 1020, and 1.0 additional course, with no mark in these principal courses below 60%. 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, Sociology 1020 or 1021E is required.
Major in Geography Major in Geographic Information Sciences	Completion of first-year requirements, including 1.0 course from Geography 1100, 1300A/B, 1400F/G, 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, the former Geography 020E, Earth Sciences 1022A/B, 1023A/B, Environmental Science 1021F/G, Biology 1222, 1223.
Minor in Geography	Completion of first-year requirements, including 1.0 course from Geography 1100, 1300A/B, 1400F/G, 1500F/G, with a mark of at least 60% in each Geography course.

Geography *continued*

MODULE	PREREQUISITE COURSES
Students should consult with the Department prior to admission.	

HISTORY

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

In History, you can study the national or regional history of Canada, the United States, Europe, China and Japan, and Latin America. You can select courses around a theme, such as: culture and society, business and economy, conflict and international relations, technology, health and environment, warfare, class and ethnicity, and business life in global integration.

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 or 1805E 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 or 1805E 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 or 1803E; (ii) have completed second year (first year Honors History) with an overall minimum average of 80% and obtain a minimum of 80% in 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

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 70% in 3.0 principal courses, including a minimum grade of 70% in each of Political Science 1020E and 1.0 course in History numbered 1200-1999, and a minimum grade of 60% in their third principal course. Enrolment in this module is limited.

JEWISH STUDIES

Interdisciplinary modules that examine the religious, social, economic and cultural developments of Judaism and Jewish life, and relationships between Jews and other communities.

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 main campus, King's and Huron.

LATIN AMERICAN STUDIES

Professor Luz Maria Hernandez-Saenz Latin American Studies Program Coordinator
Department of History Tel. 519-661-2111 ext. 84978
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

Social Science Centre 4154 519-661-3266 Website: <http://politicalscience.uwo.ca>

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%. Enrolment in this module is limited. Meeting the minimum requirements does not guarantee that students wishing to transfer into this module will be offered enrolment.
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.

PSYCHOLOGY

Social Science Centre 7416

519-661-2068

Website: <http://psychology.uwo.ca>

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 70% 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%: 1.0 course from: Psychology 1000 or 1200; 1.0 course from: Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 0110A/B, 1225A/B, 1228A/B, 1229A/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. Limited enrolment.
Honors Specialization in Psychology - BSc	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: Psychology 1000, 1200; 1.0 course from: Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B or 1501A/B Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1413; 1.0 course from: Biology 1222, 1223; 1.0 course from: Chemistry 1050, Computer Science 1025A/B, 1026A/B, 1027A/B, Physics 1020, 1024, 1028A/B and 1029A/B. The principal courses include Psychology, a Mathematics/Calculus course and one of the other science courses. Limited enrolment.
Honors Specialization in Developmental Cognitive Neuroscience - BA	Completion of first-year requirements with no failures. Students must have an average of at least 70% 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%: 1 course from: Psychology 1000 or 1200; 1.0 course from: Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 0110A/B, 1225A/B, 1228A/B, 1229A/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. Limited enrolment.
Honors Specialization in Animal Behaviour - BSc	See Biology Department (Faculty of Science).
Major in Psychology	Completion of first-year requirements, including 1.0 course from Psychology 1000 or 1200 with a mark of at least 60%. Students must also complete: 1.0 course from: Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 0110A/B, 1225A/B, 1228A/B, 1229A/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

Psychology *continued*

MODULE	PREREQUISITE COURSES
	I024A/B is the recommended combination.
Minor in Psychology	Completion of first year, including either Psychology 1000 or 1200 with a mark of at least 60%.

SOCIOLOGY

Social Science Centre 5304

519-661-2111 ext. 85143

Website: <http://sociology.uwo.ca>

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%.
Major in Sociology Major in Criminology Major in the Sociology of Health and Aging 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%.

WOMEN'S STUDIES AND FEMINIST RESEARCH

Somerville House 2319

519-661-3759

Website: <http://www.uwo.ca/womens>

See Inter-Faculty Departments/Modules on page 24.

MODULE	PREREQUISITE COURSES
Honors Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Major in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Specialization in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Minor in Women's Studies	See Inter-Faculty Departments/Modules on page 24.
Minor in Feminist Theory	See Inter-Faculty Departments/Modules on page 24.
Minor in Gender, Sexuality and Culture	See Inter-Faculty Departments/Modules on page 24.

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 Phone: 519-432-8353 Principal: C. Hanyecz Dean: A. Barnfield

THESE MODULES LEAD TO 3-YEAR, 4-YEAR AND 4-YEAR HONORS BA, BSC(FN) 4 YEARS AND HONORS, BSC(HEC), BA(HEC) AND BMOS

MODULE	PREREQUISITE COURSES
ENGLISH	
Honors Specialization in English Language and Literature	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.
Minor in English Language and Literature; Minor in General English; Minor in Dramatic Literature; Minor in Popular Literature and Cultural Studies	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.

Brescia University College *continued*

MODULE	PREREQUISITE COURSES
FAMILY STUDIES	
Honors Specialization in Family Studies -BSc (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 4.0 principal courses: Family Studies 1020, Sociology 1020, 1021E or Psychology 1000, Chemistry 1050, Foods and Nutrition 1030E.
Specialization in Family Studies - BSc (Human Ecology)	Completion of first-year requirements with no failures. Students must have an average of at least 65% and no mark below 60% in the following 4.0 principal courses: Family Studies 1020, Sociology 1020, 1021E or Psychology 1000, Chemistry 1050, Foods and Nutrition 1030E.
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.
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.
Major and Minor in Family Studies	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 Foods and Nutrition	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 1050, Biology 1290B, Foods and Nutrition 1030E, Business Administration 1220, Computer Science 1032A/B or 1033A/B.
Honors Specialization in Food Science and Technology	Students must have an average of at least 70% in the following 5.0 courses with no mark below 60%: Chemistry 1050 of the former Chemistry 1020 or 023; 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.
Major in Food Management	Acceptance into an Honors Specialization or Specialization in Foods and Nutrition.
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 1050, Biology 1290B, Foods and Nutrition 1030E, Business Administration 1220, Computer Science 1032A/B or 1033A/B.
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 1050 with a mark of at least 60%. Enrolment is limited and meeting the minimum requirements does not guarantee acceptance into the module.
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; Major in French for Teachers; Minor in French; Specialization in French	Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60%, or permission of the Department.
Minor in French	Completion of first-year requirements, including French 1900E or 1910 with a mark of at least 60% or premission 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 enrolment 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 (joint program with Health Sciences Dept.)	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.
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 or 1803E 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 or 1803E 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%.

Brescia University College *continued*

MODULE	PREREQUISITE COURSES
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 Interdisciplinary Studies 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.
MANAGEMENT AND ORGANIZATIONAL STUDIES	
Major in Accounting; Management and Organizational Studies; 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 3.5 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, Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/B; 1.0 essay course: Sociology 1021E.
Specialization: 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; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/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: 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.
Specialization: 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; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/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: 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; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/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: 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; Linear Algebra 1600A/B; Mathematics 1225A/B, 1228A/B, 1229A/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 cumulative average of 65%. Students must have an average of at least 70% 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%: 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 (Mathematics 1228A/B and 1229A/B preferred); Mathematics 0110A/B, Calculus 1000A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/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 a course 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, Mathematics 1228A/B, Mathematics 1229A/B (Mathematics 1228A/B and 1229A/B preferred); Mathematics 0110A/B, Calculus 1000A/B, 1301A/B, 1501A/B, Linear

Algebra 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 1000 level in Philosophy and 1.0 course at the 1020 or 1030 level in Religious Studies with a mark in each 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 enrolment 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 principal course below 60% and no failures.	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
Honors Specialization in Sociology average of at least 70% in 3.0 principal courses, including Sociology 1020 or with no mark in these principal courses	Completion of first-year requirements with no failures. Students must have an 1021E, plus 2.0 additional courses, below 60%.
Major in Community Development; Major in the Sociology of Law, Major in Sociology 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%.

HURON UNIVERSITY COLLEGE

Established 1863
1349 Western Road Phone: 519-438-7224
Principal: R. Lumpkin 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
- Major and Minor in East Asia Studies
- Minor in Japan Studies; China Studies; Japanese Studies; and Chinese Studies

Economics

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

English

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

French

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

History

- Honors Specialization, Major, Specialization and Minor in History

Jewish Studies

- Major and Minor in Jewish Studies

Management and Organizational Studies

- Honors Specialization and Specialization in Finance and Administration
- Major and Specialization in Organizational and Human Resources
- Major in Accounting; Management and Organizational Studies
- Specialization in Global Studies

Philosophy

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

Political Science

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

Psychology

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

Theology

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

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.

KING'S UNIVERSITY COLLEGE

Established 1955
266 Epworth Avenue Phone: 519-433-3491 Toll Free: 1-800-265-4406
Principal: D. Sylvester Dean: C. D. Dutrizac

Modules offered leading to 3-year, 4-year and 4-year Honors BA and BMOS degrees:

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%: 1.0 course from: History 1401E, 1801E; 1.0 course: Political Science 1020E; 1.0 course from: English 1020E, 1024E, Philosophy 1150E, 1300E, Religious Studies 1023E, Sociology 1021E.
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.

King's University College *continued*

MODULE	PREREQUISITE COURSES
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. Enrolment in this module is limited. Meeting the minimum requirements does not guarantee acceptance.
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 70% prior to graduation. This course is also a prerequisite for CSI 2200. Limited enrolment.
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. Limited enrolment.
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 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 Linear Algebra 1600A/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 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 Linear Algebra 1600A/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 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 Linear Algebra 1600A/B.
Minor in Economics	Completion of first-year requirements, including Economics 1021A/B and 1022A/B, or 1020 with a mark of at least 60%. Students who fail to meet the 60% in Economics 1021A/B and 1022A/B, or 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.)
Minor in Finance	Completion of first year, including Economics 1021A/B and 1022A/B, with marks of at least 60% in each, Math 0110A/B (or OAC Calculus, or Grade 12U Advanced Functions and Introductory Calculus MCB4U, or equivalent), and 1.0 or two 0.5 courses from Applied Mathematics, Calculus, Linear Algebra, or Mathematics.
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, 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, 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.

MODULE	PREREQUISITE COURSES
MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS DEGREE	
Honors Specialization in Finance and Administration	1.0 course: MOS 1020A/B and 1033A/B; 1.0 course: Business Administration 1220; 0.5 course from Mathematics 1225A/B, Calculus 1000A/B, 1100A/B; 0.5 course from: Mathematics 1229A/B, Calculus 1301A/B, 1501A/B, Linear Algebra 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B, or 1020; 1.0 designated essay course numbered 1000-1099F/G or E.
Honors Specialization in Global Commerce	1.0 course: MOS 1020A/B and 1033A/B; 1.0 course: Business Administration 1220; 0.5 course from Mathematics 1225A/B, Calculus 1000A/B, 1100A/B; 0.5 course from: Mathematics 1229A/B, Calculus 1301A/B, 1501A/B, Linear Algebra 1600A/B; 1.0 course: Economics 1021A/B and 1022A/B, or 1020; 1.0 designated essay course numbered 1020E-1099E (Political Science 1020E is strongly recommended).
Honors Specialization in Organizational and Human Resources	1.0 course: MOS 1020A/B and 1033A/B; 1.0 course: Business Administration 1220; 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B; Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Linear Algebra 1600A/B; Statistical Sciences 1024A/B; 1.0 course: Psychology 1000; 1.0 course from: Sociology 1020, 1021E.
MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) HONORS DOUBLE MAJOR	
Major in Accounting; Major in Global Commerce; Major in Management and Organizational Studies; Major in Organizational and Human Resources	Completion of first-year requirements, including 2.5 principal courses with a minimum average of 70%, with no grade less than 60%: 1.0 course: Business Administration 1220; 0.5 course: MOS 1020A/B; 0.5 course from: Mathematics 1225A/B, Calculus 1000A/B, 1100A/B; 0.5 course from: Mathematics 1229A/B, Calculus 1301A/B, 1501A/B, Linear Algebra 1600A/B.
MANAGEMENT AND ORGANIZATIONAL STUDIES (BMOS) FOUR-YEAR DEGREE	
Specialization: Global Commerce	1.0 course: MOS 1020A/B and 1033A/B; 1.0 course: Business Administration 1220; 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B; 1.0 course: Economics 1021A/B and 1022A/B, or 1020; 1.0 course: Political Science 1020E.
Specialization: Finance and Administration	1.0 course: MOS 1020A/B and 1033A/B; 1.0 course: Business Administration 1220; 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B; 1.0 course: Economics 1021A/B and 1022A/B, or 1020; 1.0 designated essay course numbered 1000-1099F/G or E.
Specialization: Organizational and Human Resources	1.0 course: MOS 1020A/B and 1033A/B; 1.0 course from: Business Administration 1220; 1.0 course: Psychology 1000; 1.0 course from: Sociology 1020, 1021E, 1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Statistical Sciences 1024A/B.
MODERN LANGUAGES (Includes English, French)	
Honors Specialization in English	Students must have an average of at least 70% in 3.0 principal courses, including English 1020E or 1022E plus 2.0 additional courses, with no mark in these principal courses below 60%.
Major in English Language and Literature; 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	Completion of first-year requirements, including English 1020E or 1022E or 1024E with a mark of at least 60%.
Honors Specialization in French Language and Literature; Honors Specialization in French Linguistics and Literature; Honors Specialization in French Language and Linguistics	French 1900E or 1910 plus 2.0 additional principal courses with a minimum overall average of 70% and no mark less than 60% in each. Successful completion of remaining year 1 courses. 2.0 additional courses, with no mark in these principal courses below 60%.
Major in French	French 1900E or 1910 with a mark of at least 60%.
Specialization in French; Minor in French; 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	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, or 1361E is recommended.
Honors Specialization in Continental	Completion of first-year requirements with no failures. Students must have an

MODULE	PREREQUISITE COURSES
Philosophy	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, or 1361E is recommended.
Major in Philosophy; Major in Continental Philosophy	Completion of first-year requirements. 1.0 course from Philosophy 1150E, 1300E, 1360E, 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, or 1361E is recommended. Note: Students taking a double Major and thinking of applying to graduate school are strongly advised to take Philosophy 2254A/B.
Minor in Philosophy	Completion of first-year requirements.
PHILOSOPHY AND RELIGION	
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, or 1361E is recommended.
Major in Philosophy and Religion	Completion of first-year requirements with no failures. 1.0 course from Philosophy 1150E, 1300E, 1360E or 1361E is recommended.
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%. Limited enrolment.
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 70% 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%. Limited enrolment.
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.
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%.
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.
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 1020E. 1.0 course from: Childhood and Social Institutions 1020; Economics 1021A/B, 1022A/B or 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 1200A/B and 1700A/B; 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.
Major in Social Justice and Peace Studies;	Completion of first-year requirements, including the following 2.0 courses with a

King's University College *continued*

MODULE	PREREQUISITE COURSES
Specialization in Social Justice and Peace Studies; Minor in Social Justice and Peace Studies	mark of at least 60%: 1.0 course: Social Justice and Peace Studies 1020E; 1.0 course from: Childhood and Social Institutions 1020; Economics 1021 A/B, 1022A/B or 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 and Population Studies)	
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; Specialization in Sociology; Major in Criminology; Minor in Sociology; Minor in Criminology, Minor in Population Studies	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)	Limited enrolment. The first year program must include Social Work 1020 with a minimum mark of 70% in each course.
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	
Honors Specialization in World Religions	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	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	Completion of first-year requirements, including Religious Studies 1023E with a mark of at least 60%.
Minor in World Religions	Completion of first-year requirements. Religious Studies 1023E is recommended.

SECOND-LEVEL ENTRY PROFESSIONAL PROGRAMS

RICHARD IVEY SCHOOL OF BUSINESS

Established 1922; Richard Ivey School of Business
519-661-3206

Dean: C. Stephenson

Undergraduate Program Director: D. Meister

HBA Program Office Director: A. Cramp

HBA Program Office

Richard Ivey School of Business 2G02

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

Website: <http://www.ivey.uwo.ca/hba>

8:30 am-4:30 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). The HBA Program admits approximately 375 students each year, including conditionally accepted AEO students and those admitted after at least two years of university.

Admission Requirements

Ten courses of university study beyond the OSSD. The required courses are:

- Mathematics 0110A/B (if one Grade 12 U-level Mathematics has not already been completed)
- Business Administration 2257
- Demonstrated achievements and leadership skills as shown in performing arts, sports, student government or community service and work experience

Application Deadline

January 31, during second year University.

Limited Enrolment Program

2008-2009

Number of applicants: 622

Number of registrants: 388

Minimum average to be considered: 70%; Competitive average is 80% on 10.0 full courses.

ADVANCED ENTRY OPPORTUNITY (AEO)

The AEO offers conditional acceptance to the Ivey Business School to outstanding students from secondary school. 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. Conditional acceptance to the AEO does not imply admission to first year at Western. The Registrar's Office notifies applicants separately about their admission to first year.

Admission Requirements - AEO

- Senior Matriculation with a minimum average of 90%
- Credit in Grade 12 U-level Mathematics or equivalent

- Proven leadership skills as shown in performing arts, sports, student government or community service

Application Deadline - AEO

Students interested in the AEO indicate Western as one of their choices on the OUAC form and also apply separately to the Richard Ivey School of Business by the OUAC application deadline of mid-January.

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

- Enrol 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.
- Enrol 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

Concurrent/Combined Degree Programs

Limited enrolment undergraduate concurrent degree programs between Business and Law (HBA/JD), Business and Engineering (HBA/BESc), Business and Health Sciences (HBA/BHSc), Business and MIT (HBA/BAH), Business and Bachelor of Medical Sciences (HBA/BMSc), Business and Science, Business and Kinesiology, are available.

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, Singapore, Spain, Sweden, Switzerland, or Thailand.

DENTISTRY

Schulich School of Medicine & Dentistry
Established 1964
Dental Sciences Building
519-661-3744
<http://www.schulich.uwo.ca/dentistry>
Director: H. Sandhu

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

A minimum of two full years of university study including at least four senior courses in the first ten courses completed. You must successfully complete a full laboratory course in each of: Biology, Chemistry, Physics, and 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.

Alternate requirements are in place for those applicants who have

completed full undergraduate degrees. Please see website: <http://www.schulich.uwo.ca/dentistry>

The Dental Aptitude Test is required.

The School of Dentistry requires an interview as part of the admissions process.

Note: A limited number of positions are available for international students. International students must satisfy Western's admission requirements, including English language proficiency.

Application Deadline

December 1 annually

Limited Enrolment Program

2008-2009

Number of applicants: 620

Number of registrants: 52 Domestic; 1 International

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 • <http://www.edu.uwo.ca>
Dean: Julia O'Sullivan
Associate Dean: 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: 519-823-1940

Degree and Diploma Offered

- Bachelor of Education (BEd)
- Diploma in Education (Technological Studies) DipEd
- Honors Mathematical Science and Bachelor of Education (BEd) Concurrent Degree Program

Graduate Program

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

Continuing Teacher Education Program

- Additional Qualifications courses for teachers

Limited Enrolment Program

2009-2010

Number of applicants: 3700

Number of registrants: 750

Minimum admission average: 70%

LAW

Established 1885
Josephine Spencer Niblett Building; 519-661-3347
Dean: I. Holloway
Associate Dean (Academic): M. Lynk
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.

- Combined Degree Program with The University of Auckland, New Zealand (JD (UWO)/LLM Auckland)

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
- 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
- University of Limerick; Limerick, Ireland
- 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
- Université; Jean Moulin - Lyon 3, Lyon, France
- Washington and Lee University; Lexington, Virginia, USA
- Washington College of Law, American University; Washington, D.C., USA

Admission Requirements

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

Application Deadline

November 1

Limited Enrolment Program

2009-2010
Number of applicants: 2,450
Number of registrant: 173
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)
- 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))

MEDICINE

Schulich School of Medicine & Dentistry
519-661-3744
Dean: C. Herbert
Assistant Dean, Admissions: R. Hammond
Assistant Dean, Student Affairs: F. Chan

Admissions & Student Affairs Office

Kresge Building, Room 1 (K1)
519-661-3744
E-mail: admissions.medicine@schulich.uwo.ca
www.schulich.uwo.ca
OMASAS: www.ouac.on.ca/omasas/

Admission Requirements (MD Program)

Programs of Study: Windsor and London

The Schulich School of Medicine & Dentistry Doctor of Medicine Program runs simultaneously from two sites: London, Ontario and Windsor, Ontario. Each year, a portion 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. This new program builds on the strength of clerkship training already provided in Windsor through Schulich School of Medicine & Dentistry's Southwestern Ontario Medical Education Network (SWOMEN).

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.

Enrolment 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 will be complete 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.
- 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.

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.

However, 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

Applicant 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 Enrolment Program

2009-2010

Number of applicants: 2200

Number of registrants: 159

Minimum admission average: 3.75

Degree Offered

- Doctor of Medicine (MD)

GRADUATE PROGRAMS

Established 1947 Natural Sciences Building, Room 200;

Phone: 519-661-2102 Fax: 519-661-3730 Email: gradinfo@uwo.ca

Web Site: 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, as determined by the School of Graduate and Postdoctoral Studies, 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

Anatomy and Cell Biology, Anthropology, Applied Mathematics, Art and Visual Culture, Art History, Astronomy, Biochemistry, Biology, Biomedical Engineering, Biostatistics, Business Administration, Chemical and Biochemical Engineering Science,

Chemistry, Civil and Environmental Engineering Science, Classics, Communication Sciences and Disorders, Comparative Literature, Computer Science, 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, Global Film Cultures, Health and Rehabilitation Sciences, Hispanic Studies, History, Journalism, Kinesiology, Law, Library and Information Science, Linguistics, Mathematics, Mechanical and Materials Engineering Science, 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: <http://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

Library and Information Science

NCB 240

519-661-4017

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)

COMMUNICATION SCIENCES AND DISORDERS

Elborn College 1510

519-661-3227

Questions/inquiries: 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.

Admission Requirements - Speech-Language Pathology

Effective September 1, 2010, the preparatory year will no longer be required for students completing professional training leading to a MCISc in Speech-Language Pathology in the School of Communication Sciences and Disorders. Entry requirements for this revised graduate MCISc curriculum in Speech-Language Pathology will be offered beginning September 1, 2011.

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. A one-year B.Ed. degree is not considered equivalent to the fourth year of a bachelor's degree.
- (2) Have successfully completed the following six prerequisite half courses:
 - 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 cover 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 ORPAS 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 ORPAS online application

PREPARATORY PROGRAM - AUDIOLOGY

NOTE: No new admissions will be accepted for the Preparatory Program-Audiology for 2010-11.

Applicants to the Audiology program who do not possess a degree in Communication Sciences and Disorders or equivalent must complete a two-term "Preparatory Program." The aim of this program is to introduce students to the discipline of Audiology and to provide students with the intensive background preparation in hearing, speech, and language sciences needed to pursue graduate work in Audiology. During these two terms (Fall and Winter), Preparatory Program students are registered as "Special Undergraduate" students and pay tuition in accordance with the undergraduate fee schedule. Effective September 1, 2010, the preparatory year will no longer be required for students completing professional training leading to a MCISc in Speech-Language Pathology.

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 8, 2010 for entry in the Fall of the next academic year.

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

OCCUPATIONAL THERAPY

Elborn College 2555 519-661-2175
Questions/enquiries: czyzewsk@uwo.ca
website: <http://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

Applications for the MSc(OT) program must be complete (including all supporting documents) and received by ORPAS by January 8, 2010 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 (ORPAS), a service of the Ontario Universities' Application Centre.

PHYSICAL THERAPY

Elborn College 1588 519-661-3360
Questions regarding the MPT: dbeer@uwo.ca
Website: <http://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
- A letter verifying 50 hours of volunteer or paid work with individuals who have physical and/or cognitive limitations
- Two standard letters of reference (the R1 form from the ORPAS 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 chosen from the following subjects:
 - Biology (e.g. Western Biology 1222, 1223 or equivalent)
 - Physics (e.g. Western Physics 1020, 1024, 1026, 1028A/B and 1029A/B, or equivalent)
 - Chemistry (e.g. Western Chemistry 1050, or equivalent)
 - 1 half-course in English or Writing with an essay component

- 1 half-course in Statistics, Research Methods, or Research Design
- 1 half-course in Social Science
- 1 half-course in Liberal Arts

Application Process

Applications for the program must be complete (including all supporting documents) and received by ORPAS by January 8, 2010 (date varies each year) 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 (ORPAS), 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)

COURSE REGULATIONS

COURSE INFORMATION

Enrolment in each course is limited and in some cases the demand exceeds that limit. The University is unable to guarantee registration in any particular course and reserves the right to withdraw course offerings.

Courses with specific prerequisites or corequisites are identified.

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 enrol in an Affiliated University College course if the same course is also taught on the Main Campus;
- cannot enrol 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 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 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.

- Biology 1222, 1223
- Calculus 1000A/B, 1100A/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, 1035E
- 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
- Philosophy 1100E, 1200, 1300E
- Psychology 1000, 1100E, 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.

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
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
Q/R/S/T	quarter courses
U	0.25 course offered in other than regular session
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

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.

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 (formerly International and Comparative 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, Epidemiology and Biostatistics, Medical Biophysics, Medical Sciences, Microbiology and Immunology, 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 0001F/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.

COURSES

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)

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): The former Anthropology 020E.

3 lecture hours, 0.5 course. (Main, Brescia)

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): The former Anthropology 020E.

3 lecture hours, 0.5 course. (Main, Brescia)

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)

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.

For students in Engineering only. (Main)

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, 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.

Applied Mathematics 1413 is a suitable prerequisite for any course which lists Calculus 1000A/B plus Calculus 1501A/B.

For students in Engineering only. (Main)

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): Those students with Grade 12U Arabic or OAC Arabic must consult the Department before registering for this course.

4 hours, 1.0 course. (Main, 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)

1222 - General Biology

The fundamental principles of biology with the integration of global issues. Topics will include genetics, cell biology, ecology and evolution, bioenergetics, and plant and animal physiology.

Antirequisite(s): Biology 1223 and Biology 1225.

Prerequisite(s): Grade 12U (SB14U) Biology with a minimum mark of 80%.

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

1223 - Introductory Biology

Content similar to that of Biology 1222. The course is restricted to students who have not passed OAC Biology in the last three years or who have received less than 80% in OAC Biology or Grade 12U (SB14U) Biology.

Antirequisite(s): Biology 1222, Biology 1225.

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

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 1222, 1223, the former Biology 026.

3 lecture hours, 1.0 course.

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. (Main)

1229F/G - The Nature of Biological Things

This course will focus on the science underlying current (or past) ideas about natural history. Typically, three lectures to explore specific topics (for example the suicide of lemmings, or folklore about vampires) and the fourth lecture in any series is used for general discussion.

3 lecture hours, 0.5 course. May not be taken for credit by students registered in either the Faculty of Science or the Schulich School of Medicine and Dentistry. (Main)

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.

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. (Main)

BUSINESS ADMINISTRATION (B)

1220 - Introduction to Business

The course is designed to present an opportunity for students to examine and discuss a broad range of business situations where analysis and decision-making are required. Stress is placed on management's function to make decisions. Course Divisions: (1) Finance (2) Marketing (3) Operations (4) Organizational Behaviour and (5) General Management.

Antirequisite(s): Business Administration 2295F/G, 2299.

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

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, 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. (Main, Brescia, Huron, King's)

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, 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.

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.

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

1201A/B - Mathematical Applications for Biological Sciences

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.

Prerequisite(s): One or more of Calculus 1000A/B, 1100A/B or Mathematics 1225A/B.

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

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 or 1100A/B.

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

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 or 1100A/B.

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

CHEMISTRY (S)

0010 - Introductory Chemistry

This course is equivalent to OAC level 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): OAC Chemistry, 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 1050 or the former Chemistry 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 1050, Chemistry 1024A/B, or the former Chemistry 1020 or 021, 023, 025.

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

1050 - Discovering Chemistry

A survey of general principles and reactions in modern chemistry. Topics include: periodic properties of the elements, chemical bonding, gases, thermochemistry and thermodynamics, organic chemistry, transition metal and p-block chemistry, redox processes and chemical kinetics.

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

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

3 lecture hours, 3 laboratory/tutorial hours, 1.0 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 OAC 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. Prepares 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 OAC 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 OAC 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 OAC Chinese equivalent.

Prerequisite(s): Chinese 1152A/B or permission of the department.

4 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

COURSES OFFERED

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)

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, all Computer Science courses numbered 2100 or higher, all former Computer Science courses numbered 200 through 499, and the former Computer Science 031a/b.

3 lecture hours, 0.5 course. (Main)

1033A/B - Multimedia and Communication

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.

Antirequisite(s): All Computer Science courses numbered 2100 or higher, and all former Computer Science courses numbered 200 to 499. 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)

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): The former Earth Sciences 020, 082a/b.

2 lecture hours, 3 laboratory hours, 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)

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): The former Earth Sciences 020. 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.

Antirequisite(s): The former Earth Sciences 020. 3 lecture hours, 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 on-line (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. (Main, Brescia, Huron, King's)

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.

(Main, Brescia, Huron, King's)

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)

Engineering Science 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, the former Computer Science 036a/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.

Antirequisite(s): The former ES 025 and 029a/b. 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): OAC1 or Grade 12 U.

Prerequisite(s): Grade 11 U 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. (Main, Brescia, Huron, King's)

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): 80% or better in Grade 12U English or permission of the Department.

3 hours, 1.0 course. (Main)

1024E - Forms of Fiction: Introduction to Narrative

An introduction to the study of a selection of fiction ranging from the Greek epic to the modern novel, including both short and longer forms; and a variety of fictional modes and narrative techniques. Major authors studied include Homer, Swift, Austen, Dickens, Dostoevsky, and Virginia Woolf.

Antirequisite(s): English 1036E.

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. (Main, Brescia, Huron, King's)

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 1024E, 1026E, 1036E.

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. (Main, Brescia, Huron, King's)

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 1024E, 1026E, 1036E.

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. (Main, Brescia, Huron, King's)

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.

Prerequisite(s): OAC1 English or 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.

Prerequisite(s): OAC1 English or permission of the Department.

3 hours, 1.0 course. (Huron)

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. (Main, Huron)

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. (Main, King's)

FIRST NATIONS 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.

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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

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. 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.

Background in Biology and Chemistry at Grade 11 or higher is strongly recommended.

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

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. (Main, Brescia, Huron, King's)

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): French 1002 or permission of the Department of French Studies based on Placement Test.

3 or 4 tutorial hours, 1.0 course. (Main, Brescia, Huron, King's)

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): OAC French, Grade 12U French, Grade 13 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. The Department of French reserves the right to refuse admission to French 1102A/B to students it considers to have superior oral proficiency in French.

Prerequisite(s): OAC French, Grade 12U French, French 1010 or permission of the Department of French Studies based on Placement Test.

Corequisite(s): French 1900E or 1910.

3 lecture 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.

Antirequisite(s): Students who have completed French 1900E or French 1910 will not normally be allowed to register in French 1103A/B.

Prerequisite(s): OAC French, Grade 12U French, French 1010, or permission of the Department of French Studies based on Placement Test.

Corequisite(s): French 1900E or French 1910.

3 lecture hours, 0.5 course.

The Department of French Studies reserves the right to refuse admission to French 1103A/B to students it considers to have superior oral proficiency in French. (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): French 1010 or permission of the Department of French Studies based on Placement Test.

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

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): French 1010 or permission of the Department of French Studies based on Placement Test.

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

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.

Antirequisite(s): OAC or Grade 13 Geography. 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. (Main, Brescia, King's)

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): German 1036 or the former German 002, 002w/x or 006.

4 hours, 1.0 course.

Those students with OAC German or Grade 12U German must consult the Department before registering for this 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): 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 the former German 002, 002w/x or 006.
4 hours, 1.0 course.

Those students with OAC German or Grade 12U German must consult the Department before registering for this course. (Main)

GLOBAL STUDIES, CENTRE FOR**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 trans-national 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 *épovertyi*. 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 OAC or 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)

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): The former Hebrew 005, the former ICS 005. Students with Grade 12U Hebrew or OAC Hebrew must consult the Dean of Arts and Social Science at Huron University College before registering for this course.

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)

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 - Hindi 1 at Huron University College.

4 hours, 1.0 course.

Those students with Grade 12U Hindi must consult the Department before registering for this course. (Main)

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 12 U (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

Analysis of the evolutionary and revolutionary development of Modern Europe, with intensive treatment of the great landmarks in the formation of Western society and culture.

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

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. (Main, Huron)

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

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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)

HUMAN ECOLOGY

1033A/B - Design for Human Needs

An exploration of the function of design and its basic elements and principles as they relate to clothing, textiles, shelter and furnishings. Physical needs, social/psychological factors, technology and commercial concerns will be addressed.

Antirequisite(s): The former Clothing, Textiles and Design 023a/b and 031a/b.

3 lecture/studio hours, 0.5 course. (Brescia)

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): Enrolment in Preliminary Year at Brescia University College.

1.5 hours, No Credit. (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)

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.

3 hours, 1.0 course. (Brescia)

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.

4 hours, 1.0 course.

Those students with Grade 12U Italian or OAC Italian must consult the Department before registering for this 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. This course proceeds at a faster pace than Japanese 1050. Prepares students for progression to Japanese 2260.

Antirequisite(s): Japanese 1050, 1051A/B, 1052A/B, the former Japanese 002, 003a/b, 004a/b, 006, the former ICS 006. Those students with Grade 12U Japanese or OAC Japanese must consult the Department before registering for this course.

4 hours, 1.0 course.

Those students with Grade 12U Japanese or OAC Japanese must consult the Department before registering for this course. (Main, Huron)

1050 - Japanese 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 2250.

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

4 hours, 1.0 course.

Those students with Grade 12U Japanese or OAC Japanese must consult the Department before registering for this course. (Main, Huron)

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.

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

4 hours, 0.5 course. (Huron)

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 Japanese 003a/b.

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

4 hours, 0.5 course. (Huron)

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.

Prerequisite(s): Restricted to students registered in Kinesiology.

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.

Prerequisite(s): Restricted to students registered in Kinesiology.

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): The former Korean 002.

4 hours, 1.0 course.

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

3 lecture hours, 1.0 course. (Main)

Linear Algebra (S)

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.

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, or Calculus 1000A/B taken as a pre- or co-requisite.

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

LINGUISTICS

1027A/B - Introduction to Linguistics

See Anthropology 1027A/B.

Antirequisite(s): Linguistics 2288A/B (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, French 2800, Spanish 3303A/B 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): Enrolment in BMOS. 2 lecture hours, 1 tutorial hour, 0.5 course (Main, Brescia, Huron, King's)

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)

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): Enrolment in the Commercial Aviation Management stream of BMOS. 3 Lecture hours, 0.5 course. (Main)

MATHEMATICS (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, 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. (Main, 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, 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): Calculus 1201A/B, 1301A/B, 1501A/B, Applied Mathematics 1413, the former Mathematics 030.

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

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

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. (Main, Brescia, Huron, King's)

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, Linear Algebra 1600A/B, Mathematics 2120A/B, 2155A/B, 2211A/B, the former Mathematics 030, 031, 203b.

Prerequisite(s): One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent.

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

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. (Main)

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.

May be available for credit in BA (Music) programs with permission of the Dean.

Open to non-music students. (Main)

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

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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.

Extra Information: 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)

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 Corequisite(s): 7 hours lecture per week for 8 weeks, 1.0 course. (Main)

1102W - Professional Nursing Practice 1: Assessment of Health and Illness

This course provides students with the opportunity to begin to develop the necessary knowledge and skills to engage in health promotion and care of clients with health challenges in a variety of settings. Students will engage in hands-on experience designed to promote the development of clinical nursing skills in laboratory sessions, home settings and long-term care agencies.

Prerequisite(s): Registration in the Compressed Time Frame BScN Program

10 hours lab/seminar per week for 8 weeks; 32 hours clinical practice per week for 4 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)

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. (Main, Huron, King's)

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. (Main, Brescia)

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. (Main, Huron)

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. (Main, Brescia, King's)

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.

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

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 in the natural ones people learn as first languages, and the artificial ones that logicians and others have invented to help in

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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)

PHYSICS (S)

1020 - Physics I

Mechanics, electricity and magnetism, oscillations and waves. This is a calculus-based laboratory course for students intending to pursue further studies in science, particularly the Physical Sciences.

Antirequisite(s): Physics 1021, 1024, 1026, 1028A/B, 1029A/B.

Prerequisite(s): Grade 12U (SPH4U) Physics; 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 plus Calculus 1501A/B, or Applied Mathematics 1413.

3 lecture hours, 3 laboratory/tutorial hours, 1.0 course.

Note: This course is a suitable prerequisite for all programs in the Faculty of Science, and for professional schools having a Physics requirement. (Main)

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 1020, 1024, 1026, 1028A/B, 1029A/B, Grade 12U (SPH4U) within the last three years.

2 lecture hours, 1.0 course. (Main)

1024 - Introductory Physics

Topics include mechanics, waves, electricity and magnetism, fluid flow, thermal physics, elements of wave-particle duality. This is a calculus-based laboratory course for students intending to pursue further studies in science.

Antirequisite(s): Physics 1020, 1021, 1026, 1028A/B, 1029A/B.

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 laboratory/tutorial hours, 1.0 course.

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 1024 is a prerequisite also require Calculus 1000A/B or Calculus 1100A/B plus Calculus 1501A/B, or Applied Mathematics 1413. This course is a suitable prerequisite for programs in the Faculty of Science, and for professional schools having a Physics requirement. (Main)

1026 - Physics for Engineering Students

A calculus based course which discusses kinematics, Newton's laws of motion, work, energy, linear momentum, simple harmonic motion, electrostatics, d.c. circuits, magnetic fields, and electromagnetic induction.

Antirequisite(s): Physics 1020, 1021, 1024, 1028A/B, 1029A/B.

Prerequisite(s): Grade 12U (SPH4U) Physics; 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 laboratory/tutorial 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 1020, 1021, 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 laboratory/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 system and biomechanics.

Antirequisite(s): Physics 1020, 1021, 1024, 1026.

Prerequisite(s): Physics 1028A/B.

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

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 or OAC Polish must consult the Department before registering for this course. (Main)

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.

Antirequisite(s): The former Politics 021F-026G series.

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

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.

4 hours, 1.0 course.

Those students with Grade 12U Portuguese or OAC Portuguese must consult the Department before registering for this 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, 1200.

Note: Psychology 1000 will not serve as a substitute for Psychology 1100E for entry into any psychology module at Huron, nor will it provide access to any senior psychology course at Huron that requires Psychology 1100E.

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

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.

Note: Normally, a prerequisite for senior courses at Huron College.

2 lecture hours, 1 laboratory hour, 1.0

course. (Huron)

1200 - Biological Foundations of Psychology

This introductory course treats psychology as a biological science. The same content areas are covered as in Psychology 1000, but with a greater emphasis on comparative and physiological studies. Serves as a prerequisite for any course served by Psychology 1000.

Antirequisite(s): Psychology 1000, 1100E.

3 lecture hours, 1.0 course. (Main)

RELIGIOUS STUDIES

0011 - Religious Quests in the Twentieth Century

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): The former Russian 002.

4 hours, 1.0 course.

Those students with Grade 12U Russian or OAC Russian must consult the Department before registering for this course. (Main)

SCHOLARS ELECTIVES

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. (Main)

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

1020 - Introduction to Social Welfare and Social Work

Analyses of the Canadian social welfare system including its historical development, values, attitudes, social change, social problems, policies and programs from a Social Work perspective. The profession of social work is

analyzed as to its functions, values, theoretical base, methods of intervention and fields of practice. (Required for admission to the Social Work program.)

2 lecture hours, 1 tutorial hour, 1.0 course.

(Kings)

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.

For students registered in the Preliminary Year program only.

(Brescia)

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.

(Main, Brescia, Huron, King's)

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.

(Main, Brescia, Huron, King's)

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): Spanish 1030W/X, the former Spanish 002 or 002W/X.

4 hours, 1 laboratory hour, 1.0 course.

Those students with Grade 12U Spanish (or equivalent) must consult the Department before registering for this course. (Main, Brescia, King's)

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. This accelerated course requires a very high level of commitment.

Antirequisite(s): Spanish 1030

Prerequisite(s): Permission of the Department.

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

STATISTICAL SCIENCES (S)

1023A/B - Statistical Concepts

An examination of statistical issues encountered in everyday life. Assessment of the validity of results and treatment of data in the popular and scientific media. Causation vs. association, and confounding in observational studies. The organization of data including tables, scatterplots and time series. Some basic tools to handle uncertainty such as means, variances, the normal distribution and confidence intervals.

Prerequisite(s): Grade 12U Mathematics or

COURSES OFFERED

Mathematics 0110A/B or the former Mathematics 017a/b.
3 lecture hours, 0.5 course. (Main)

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.

Prerequisite(s): Grade 12U Mathematics or Mathematics 0110A/B or 1229A/B, or the former Mathematics 017a/b.

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

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, 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 and 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.

Prerequisite(s): Priority will be given to students registered in a Visual Arts program.

6 studio hours, 1.0 course.

Note: Some sessions may involve drawing from the nude (female or male) as a required component of the course. (Main)

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.

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. (Main)

WOMEN'S STUDIES (A) AND (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.
(Main, Brescia, King's)

WRITING

0001F/G - Introduction to Academic Writing in English as a Second Language

Restricted to English as a Second Language students. The course will develop macro-level 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 and will also provide the content for writing exercises such as journal entries, summaries, position papers and short essays.

Antirequisite(s): Writing 0002F/G

4 lecture hours, 0.5 course.

(Brescia, Huron)

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): Writing 0001F/G

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

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.

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.

[This course will not serve as a prerequisite for any area of concentration]

(Brescia, King's)

1021F/G - Academic Writing in English as a Second Language

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 0001F/G or Writing 0002F/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): Writing 0001F/G, 0002F/G or permission of the Department.

3 hours, 0.5 course.

(Kings)

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)