

2020-2021 Undergraduate Calendar

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

For your convenience the Undergraduate Calendar is available in PDF format.

If you wish to link to the Undergraduate Calendar please refer to the Linking Guidelines.

The University is a full member of:

- Universities Canada

Contact Information:

University of Guelph
Guelph, Ontario, Canada
N1G 2W1
519-824-4120
<https://www.uoguelph.ca>

Revision Information:

Date	Description
February 4, 2020	Initial Publication
July 7, 2020	Second Publication
July 28, 2020	Third Publication



Disclaimer

University of Guelph 2020

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

The University reserves the right to change without notice any information contained in this calendar, including but not limited to that related to tuition and other fees, standards of admission, course delivery or format, continuation of study, and the offering or requirements for the granting of, degrees or diplomas in any or all of its programs. The publication of this calendar does not bind the University to the provision of courses, programs, schedules of study, or facilities as listed herein.

The University will not be liable for any failure or delay in performance arising out of any cause or causes beyond its reasonable control. Such causes may include but are not limited to fire, strike, lock-out, inability to procure materials or trades, war, mass-casualty event, flood, local, regional or global outbreak of disease or other public health emergency, social distancing or quarantine restriction, legislative or regulatory requirements, unusually severe weather, failure of public utility or common carrier, or attacks or other malicious act, including but not limited to attacks on or through the internet, or any internet service, telecommunications provider or hosting facility.

In March 2020 the World Health Organization declared a global pandemic of the virus leading to COVID-19. The Governments of Canada, the Province of Ontario, and local Governments responded to the pandemic with legislative amendments, controls, orders, by-laws, requests and requirements (collectively, the “Governmental Response”). It is uncertain how long the pandemic, and the related Governmental Response, will continue, and it is unknown whether there may be a resurgence of the virus leading to COVID-19 or any mutation thereof (collectively, the “Virus”) and resulting or supplementary renewed Government Response. Without limiting the foregoing paragraph, the University shall not be liable for costs associated with any failure or delay in performance arising out of:

- a. the continued spread of the Virus;
- b. the continuation of or renewed Governmental Response to control the spread of the Virus; and
- c. a University decision, made on an organization-wide basis and in good faith, to control the spread of the Virus, even if exceeding the then current specific Government Response.

In particular, the COVID-19 pandemic may necessitate a revision of the format of course offerings such that courses are offered in whole or in part on an alternate delivery model to in-person classes. Tuition and mandatory fees have been set regardless of the method of instruction and will not be refunded in the event instruction occurs remotely for any part of the academic year.

Dates or times of performance including the Schedule of Dates may be extended as appropriate and the University will notify students promptly of the existence and nature of such delay and shall, so far as practicable, use reasonable efforts to minimize and mitigate any such delay or non-performance.

In the event of a discrepancy between a print version (downloaded) and the Web version, the Web version will apply,

Published by: Enrolment Services

Introduction

Collection, Use and Disclosure of Personal Information

Personal information is collected under the authority of the University of Guelph Act (1964), and in accordance with Ontario's Freedom of Information and Protection of Privacy Act (FIPPA) <http://www.e-laws.gov.on.ca/index.html>. This information is used by University officials in order to carry out their authorized academic and administrative responsibilities and also to establish a relationship for alumni and development purposes. Certain personal information is disclosed to external agencies, including the Ontario Universities Application Centre, the Ministry of Training, Colleges and Universities, and Statistics Canada, for statistical and planning purposes, and is disclosed to other individuals or organizations in accordance with the Office of Registrarial Services Departmental Policy on the Release of Student Information. For details on the use and disclosure of this information call the Office of Registrarial Services at the University at (519) 824-4120 or see <http://www.uoguelph.ca/registrar/registrar/index.cfm?index>.

Disclosure of Personal Information to the Ontario Ministry of Colleges and Universities

The University of Guelph is required to disclose personal information such as characteristics and educational outcomes to the Minister of Colleges and Universities under s. 15 of the Ministry of Training, Colleges and Universities Act, R.S.O. 1990, Chapter M.19, as amended. The Ministry collects this data for purposes including but not limited to planning, allocating and administering public funding to colleges, universities and other post-secondary educational and training institutions.

Amendments made to the Ministry of Training, Colleges and Universities Act, authorizing the collection and use of personal information from colleges and universities by the Minister which were set out in Schedule 5 of the Childcare Modernization Act, 2014, came into force on March 31, 2015.

The amendments strengthen the ability of the Minister to directly or indirectly collect and use personal information about students as required to conduct research and analysis, including longitudinal studies, and statistical activities conducted by or on behalf of the Ministry for purposes that relate to post-secondary education and training, including,

- i. understanding the transition of students from secondary school to post-secondary education and training,
- ii. understanding student participation and progress, mobility and learning and employment outcomes,
- iii. understanding linkages among universities, colleges, secondary schools and other educational and training institutions prescribed by regulation,
- iv. understanding trends in post-secondary education or training program choices made by students,
- v. understanding sources and patterns of student financial resources, including financial assistance and supports provided by government and post-secondary educational and training institutions,
- vi. planning to enhance the affordability and accessibility of post-secondary education and training and the quality and effectiveness of the post-secondary sector,
- vii. identifying conditions or barriers that inhibit student participation, progress, completion and transition to employment or future post-secondary educational or training opportunities, and
- viii. developing key performance indicators.

Information that the University is required to provide includes but is not limited to: first, middle and last name, Ontario Educational Number, citizenship, date of birth, gender, first three digits of a student's postal code, mother tongue, degree program and major(s) in which the student is enrolled, year of study and whether the student has transferred from another institution.

Further information on the collection and use of student-level enrolment-related data can be obtained from the Ministry of Colleges and Universities website: <https://www.ontario.ca/page/ministry-colleges-universities> (English) or <https://www.ontario.ca/fr/page/ministere-des-colleges-et-universites> (French) or by writing to the Director, Postsecondary Finance and Information Management Branch, Postsecondary Education Division, 7th Floor, Mowat Block, 900 Bay Street, Toronto, ON M7A 1L2.

An update on Institutional and Ministry of Training, Colleges and Universities Act Notice of Disclosure Activities is posted at <https://www.ontario.ca/page/ministry-colleges-universities>. Frequently Asked Questions related to the Ministry's enrolment and OEN data activities are also posted at: <http://www.tcu.gov.on.ca/pepg/publications/NoticeOfCollection.pdf>

Authority to Disclose Personal Information to Statistics Canada

The Ministry of Colleges and Universities discloses student-level enrolment-related data it collects from the colleges and universities as required by Statistics Canada in accordance with Section 13 of the Federal Statistics Act. This gives the Ministry authority to disclose personal information in accordance with s. 42(1) (e) of FIPPA

Notification of Disclosure of Personal Information to Statistics Canada

For further information, please see the Statistics Canada's website at <http://www.statcan.ca> and Section XIV Statistics Canada.

Address for University Communication

Depending on the nature and timing of the communication, the University may use one of these addresses to communicate with students. Students are, therefore, responsible for checking all of the following on a regular basis:

Email Address

The University issued email address is considered an official means of communication with the student and will be used for correspondence from the University. Students are responsible for monitoring their University-issued email account regularly. See Section I--Statement of Students' Academic Responsibilities for more information.

Home Address

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Enrolment Services.

Name Changes

The University of Guelph is committed to the integrity of its student records, therefore, each student is required to provide either on application for admission or on personal data forms required for registration, the student's complete, legal name. Any requests to change a name, by means of alteration, deletion, substitution or addition, must be accompanied by appropriate supporting documentation.

Student Confidentiality and Release of Student Information Policy Excerpt

The University undertakes to protect the privacy of each student and the confidentiality of the student's record. To this end the University shall refuse to disclose personal information to any person other than the individual to whom the information relates where disclosure would constitute an unjustified invasion of the personal privacy of that person or of any other individual. All members of the University community must respect the confidential nature of the student information which they acquire in the course of their work.

Complete policy at <https://uoguelph.civicweb.net/document/68892/ORSInfoReleasePolicy060610.pdf?handle=FF982F8A9AEA4076BE4F3D88147172B8>.

Learning Outcomes

On December 5, 2012, the University of Guelph Senate approved five University-wide Learning Outcomes as the basis from which to guide the development of undergraduate degree programs, specializations and courses:

1. Critical and Creative Thinking
2. Literacy
3. Global Understanding
4. Communicating
5. Professional and Ethical Behaviour

These learning outcomes are also intended to serve as a framework through which our educational expectations are clear to students and the broader public; and to inform the process of outcomes assessment through the quality assurance process (regular reviews) of programs and departments.

An on-line guide to the learning outcomes, links to the associated skills, and detailed rubrics designed to support the development and assessment of additional program and discipline-specific outcomes, are available for reference on the [Learning Outcomes website](#).

1. Critical and Creative Thinking

Critical and creative thinking is a concept in which one applies logical principles, after much inquiry and analysis, to solve problems with a high degree of innovation, divergent thinking and risk taking. Those mastering this outcome show evidence of integrating knowledge and applying this knowledge across disciplinary boundaries. Depth and breadth of understanding of disciplines is essential to this outcome.

In addition, **Critical and Creative Thinking** includes, but is not limited to, the following outcomes: **Inquiry and Analysis; Problem Solving; Creativity; and Depth and Breadth of Understanding.**

2. Literacy

Literacy is the ability to extract information from a variety of resources, assess the quality and validity of the material, and use it to discover new knowledge. The comfort in using quantitative literacy also exists in this definition, as does using technology effectively and developing visual literacy.

In addition, **Literacy** includes, but is not limited to, the following outcomes: **Information Literacy, Quantitative Literacy, Technological Literacy, and Visual Literacy.**

3. Global Understanding:

Global understanding encompasses the knowledge of cultural similarities and differences, the context (historical, geographical, political and environmental) from which these arise, and how they are manifest in modern society. Global understanding is exercised as civic engagement, intercultural competence and the ability to understand an academic discipline outside of the domestic context.

In addition, **Global Understanding** includes, but is not limited to, the following outcomes: **Global Understanding, Sense of Historical Development, Civic Knowledge and Engagement, and Intercultural Competence.**

4. Communicating

Communicating is the ability to interact effectively with a variety of individuals and groups, and convey information successfully in a variety of formats including oral and written communication. Communicating also comprises attentiveness and listening, as well as reading comprehension. It includes the ability to communicate and synthesize information, arguments, and analyses accurately and reliably.

In addition, **Communicating** includes, but is not limited to, the following outcomes: **Oral Communication, Written Communication, Reading Comprehension, and Integrative Communication.**

5. Professional and Ethical Behaviour

Professional and ethical behaviour requires the ability to accomplish the tasks at hand with proficient skills in teamwork and leadership, while remembering ethical reasoning behind all decisions. The ability for organizational and time management skills is essential in bringing together all aspects of managing self and others. Academic integrity is central to mastery in this outcome.

In addition, **Professional and Ethical Behaviour** includes, but is not limited to, the following outcomes: **Teamwork, Ethical Reasoning, Leadership, and Personal Organization and Time Management**

Table of Contents

Bachelor of Arts (B.A.)	420
Program Information	420
Anthropology (ANTH)	422
Art History (ARTH)	422
Arts, Culture and Heritage Management (ACHM)	423
Business (BUS)	423
Business Economics (BECN)	424
Classical Studies (CLAS)	424
Computing and Information Science (CIS)	424
Creative Writing (CW)	424
Criminal Justice and Public Policy (CJPP)	425
Economics (ECON)	425
Economics (Co-op) (ECON:C)	426
English (ENGL)	427
Environmental Governance (EGOV)	427
European Culture and Civilization (ECC)	428
European Studies (EURS)	428
Family and Child Studies (FCS)	429
Food, Agricultural and Resource Economics (FARE)	430
French Studies (FREN)	430
Geography (GEOG)	431
German (GERM)	431
History (HIST)	431
Human Resources (HR)	432
Individual Studies (IS)	433
International Development Studies (IDS)	433
International Development Studies (Co-op) (IDS:C)	434
Italian (ITAL)	436
Marketing (MKTG)	437
Mathematical Economics (MAEC)	437
Mathematical Economics (Co-op) (MAEC:C)	437
Mathematical Science (MSCI)	438
Mathematics (MATH)	439
Media & Cinema Studies (MCST)	439
Museum Studies (MS)	439
Music (MUSC)	439
Philosophy (PHIL)	440
Political Science (POLS)	440
Political Science (Co-op) (POLS:C)	441
Psychology (PSYC)	443
Psychology (Co-op) (PSYC:C)	443
Sociology (SOC)	445
Spanish and Hispanic Studies (SPAH)	445
Statistics (STAT)	446
Studio Art (SART)	446
Theatre Studies (THST)	447

Bachelor of Arts (B.A.)

The University of Guelph offers general and honours programs leading to the B.A. degree. The General Program consists of a minimum of 15.00 credits requiring the equivalent of 6 semesters of successful full time study. The Honours Program consists of a minimum of 20.00 credits requiring the equivalent of 8 semesters of successful full time study. A student may register in Summer, Fall and Winter semesters. The normal course load is 2.50 credits per semester for a full time student on regular status. Students may register for 0.50 credit more at their own discretion. Part time study consists of 1.50 credits or fewer per semester.

Program Information

A student's selection of courses must follow the B.A. Program Regulations (including Distribution Requirements), a pattern of study for either the General or Honours degree (below), and the detailed schedule(s) of studies which follow for any special subject(s) studied.

Academic Counselling

Program Counselling

Students are urged to seek the assistance of the counsellors in the B.A. Counselling Office regarding their program and academic regulations, selecting courses, services and resources available on campus, and when they are experiencing difficulties that affect their academic progress.

Departmental Advising

Every academic department has advisors available to assist students in their course selection planning. Students should seek the advice of the faculty advisor when declaring a major, area of concentration, or minor, regarding course scheduling and completing the requirements for the specializations.

Students encountering difficulties within a course should first consult the instructor of the course. Co-operative education students in Economics and Psychology will also have a departmental Co-op Academic Advisor and Co-ordinator, and should consult Co-operative Education Services regarding scheduling work terms and the COOP*1000 course.

Academic Residence Requirements

1. At least 5.00 of the credits required for graduation by the student's program must be taken at the University of Guelph.
2. At least 60% of the 3000 and 4000 level courses required for graduation must be taken at the University of Guelph.

University of Guelph courses include courses taken on exchange and on study abroad programs. Letter of Permission courses are not included.

Continuation of Study

Students are advised to consult the regulations for continuation of study within the program which are outlined in detail in Section VIII--Undergraduate Degree Regulations and Procedures of this calendar.

Conditions for Graduation

In addition to meeting the general and honours degree requirements listed below under Program Regulations, students will not normally be eligible to graduate while on probationary or required-to-withdraw status.

Distribution Requirements

The distribution requirements are designed to provide the student with exposure to and some understanding of a range of disciplines in the Arts, Social Sciences and Mathematical and Natural Sciences. Courses taken to satisfy the distribution requirements may also be counted toward a specialization in the general or honours program.

The B.A. Distribution Requirements (requirements 1, 2, and 3) need not be completed immediately but are a graduation requirement.

The distribution requirement of 8 courses (minimum 4.00 credits) is as follows:

1. A minimum of 1.50 credits over at least 2 different subject areas in the humanities:

ARTH Art History
CHIN Mandarin
CLAS Classical Studies
ENGL English
EURO European Studies
FREN French Studies
GERM German Studies
GREK Greek
HIST History
HUMN Humanities
ITAL Italian Studies
LAT Latin
LING Linguistics
MUSC Music

PHIL Philosophy
PORT Portuguese
SART Studio Art
SPAN Spanish and Hispanic Studies
THST Theatre Studies
WMST Women's Studies

2. A minimum of 1.50 credits over at least two of the following subject areas in the social sciences:

ANTH Anthropology
ECON Economics
GEOG Geography
IDEV International Development
ISS Interdisciplinary Social Science
POLS Political Science
PSYC Psychology
SOAN Sociology and Anthropology
SOC Sociology
WMST Women's Studies

3. 1.00 credits in natural and/or mathematical sciences from the list below.

Natural and Mathematical Science Courses Acceptable for B.A. Distribution Requirements

Students must take 1.00 credits in natural and/or mathematical science courses to fulfill the B.A. science requirements. Students should choose their courses from the list below or any course for which those listed serve as prerequisites. Students are advised to fulfill this requirement before their final semester. Any problems related to this requirement should be discussed with a B.A. Program Counsellor.

Courses recommended for students with limited preparation (e.g., lacking 4U credit in a specific area):

AGR*2150	[0.50]	Plant Agriculture for International Development
BIOL*1020	[0.50]	Introduction to Biology
BIOL*1500	[0.50]	Humans in the Natural World
BIOM*2000	[0.50]	Concepts in Human Physiology
BOT*1200	[0.50]	Plants and Human Use
CHEM*1060	[0.50]	Introductory Chemistry
CHEM*1100	[0.50]	Chemistry Today
CIS*1000	[0.50]	Introduction to Computer Applications
ENVS*1060	[0.50]	Principles of Geology
ENVS*2060	[0.50]	Soil Science
ENVS*2130	[0.50]	Eating Sustainably in Ontario
ENVS*2210	[0.50]	Apiculture and Honey Bee Biology
ENVS*2270	[0.50]	Impacts of Climate Change
FOOD*2010	[0.50]	Principles of Food Science
GEOG*1300	[0.50]	Introduction to the Biophysical Environment
GEOG*1350	[0.50]	Earth: Hazards and Global Change
HORT*1120	[0.50]	Grape and Wine Science
HORT*1130	[0.50]	Science of Gardening
MBG*1000	[0.50]	Genetics and Society
MUSC*1090	[0.50]	Physics of Music
NUTR*1010	[0.50]	Introduction to Nutrition
PHYS*1600	[0.50]	Contemporary Astronomy
PHYS*1810	[0.50]	Physics of Music

Other acceptable courses which require 4U or university preparation:

BIOL*1XXX	[0.00]	Any BIOL course at the 1000 level
CHEM*1XXX	[0.00]	Any CHEM course at the 1000 level
CIS*1XXX	[0.00]	Any CIS course at the 1000 level
ENVS*2030	[0.50]	Meteorology and Climatology
ENVS*2250	[0.50]	Geology of Natural Disasters
MATH*1XXX	[0.00]	Any MATH course at the 1000 level
PHYS*1XXX	[0.00]	Any PHYS course at the 1000 level
STAT*2XXX	[0.00]	Any STAT course at the 2000 level

Double Counting of Courses

A maximum of 50 percent of the courses in a second specialization may be courses taken in fulfillment of the first specialization where required courses are the same. (Specializations can include majors, minors, areas of concentrations and certificates.)

Program Regulations

The General Degree Program provides the opportunity for a sound general education in the arts and social sciences, mathematics and sciences, while allowing for concentration of studies in one or more subjects.

The Honours Degree Program provides depth of study in one specialization, strengthening written and oral communication skills, research and analytical abilities, as well as ensuring a breadth of study in the arts, social sciences, mathematics and sciences.

General Degree Requirements (BAG)

To graduate from a general program a student must:

1. earn 15.00 credits. These must include courses that fulfill the distribution requirements (see B.A. Distribution Requirements). At least 4.00 credits must be at the 3000 level or above. Not more than 6.00 credits at the introductory (1000) level may be counted towards the 15.00 credits requirement.
2. 9.00 of the required 15.00 credits must be in courses offered by the College of Arts, the departments of Economics, Geography, Political Science, Psychology, Sociology and Anthropology (in the College of Social and Applied Human Sciences and the Gordon S. Lang School of Business and Economics), School of Computer Science, or the Department of Mathematics and Statistics.
3. no more than 11.00 credits in any one subject or discipline, as indicated by the course prefix code, can be counted towards a general degree.

While students are encouraged to complete the requirements of one or more areas of concentration, this is not a graduation requirement.

The requirements for each area of concentration are set out separately in the pages following the list of Honours and General Specializations Available in the B.A. Degree.

Honours Degree Requirements (BAH)

To graduate from an honours program a student must:

1. earn 20.00 credits. These must include courses that fulfill the distribution requirements (see B.A. Distribution Requirements), and courses that fulfill the requirements of at least 1 major. At least 7.00 credits must be at the 3000 level or above. Not more than 6.00 credits from courses at the introductory (1000) level may be counted towards the 20.00 credits requirement.
2. Honours B.A. students, except those completing a major in Food, Agricultural, and Resource Economics, must take a minimum of 12.00 credits in courses offered by the College of Arts or the departments of Economics, Geography, Political Science, Psychology, Sociology and Anthropology (in the College of Social and Applied Human Sciences and the Gordon S. Lang School of Business and Economics), the School of Computer Science or the Department of Mathematics and Statistics.
3. no more than 14.00 credits in any one subject or discipline, as indicated by the course prefix code, can be counted towards an Honours Degree.
4. fulfill the course and credit requirements of at least one major with a cumulative average of at least 70% in all course attempts at the University of Guelph in that major. Grades in all courses in the discipline area of the major are included in the cumulative average. Grades from those courses in other disciplines listed as options toward the major are also included in the average. (This condition does not apply to majors in the interdisciplinary programs of International Development and European Studies, where only courses in the core and chosen area of emphasis will be counted toward the specialization average.) Students may take more than one major. They may also take one or more minors. The 70% requirement applies to each major and minor.

The requirements for each major and minor are set out separately in the pages following the list of Honours and General Specializations Available in the B.A. Degree.

University recognition that a student has graduated with a particular major or minor requires a cumulative average of 70% for all course attempts at this University in that major or minor.

Students failing to meet the graduation requirements of the Honours Program may apply to graduate with a General Degree if the requirements for the General Degree are met. Students should note that a specialization is not required to graduate with a General Degree.

Semester One Requirements

It is recommended that students select 1000 level courses as follows:

- Required courses for a chosen or intended specialization (major, minor, area of concentration).
- Electives (this could include arts/humanities, social sciences, natural/mathematical sciences, or electives from another area).

For more information on course selection, students can access the New Student Registration Handbook at: <https://www.uoguelph.ca/registrar/undergraduate/registrationhandbook/index>

Special Study Options**Study at Other Universities**

Students contemplating study at another university for credit towards a Bachelor of Arts degree at the University of Guelph should refer to the general regulations governing Letters of Permission in Section VIII--Degree Regulations & Procedures in this calendar.

Students must obtain approval for the Letter of Permission prior to undertaking studies at another institution. Approval of the request depends on good standing in the program with a minimum average of 60%.

The normal limit of credits taken on a Letter of Permission is 2.50 based on Guelph credits. Students with a specialization in languages who want to undertake a program of study in Quebec or abroad should consult the appropriate faculty advisor or the Director of the School of Languages and Literatures.

Study Abroad

The University of Guelph offers many other Study Abroad and Exchange opportunities for students to enrich their learning experience. Bachelor of Arts students are encouraged to participate in any of the diverse options available. Courses taken while on exchange or study abroad can be used as electives or core requirements. For further information on the programs available, please refer to Section V - International Study. Students are advised to meet with a B.A. Program Counsellor to discuss the feasibility of participating in an exchange or semester abroad.

Honours and General Specializations Available in the B.A. Degree
General Program Areas of Concentration

Anthropology
English
French Studies
Geography
History
International Development
Mathematics
Music
Philosophy
Political Science
Psychology
Sociology
Spanish and Hispanic Studies
Statistics
Theatre Studies

The schedule of studies for each area of concentration is given on the following pages under its subject heading.

Honours Program Majors

Anthropology
Art History
Classical Studies
Criminal Justice and Public Policy
Economics*
English
Environmental Governance
European Studies
Food, Agricultural and Resource Economics
French Studies
Geography
History
Individual Studies
International Development
Mathematical Economics*
Mathematical Science
Music
Philosophy
Political Science
Psychology*
Sociology
Spanish and Hispanic Studies
Studio Art
Theatre Studies

Subjects marked with an asterisk (*) may be available as Co-operative Education programs. The schedule of studies for each major is given on the following pages under its subject heading.

Honours Program Minors

Anthropology
Art History
Arts, Culture and Heritage Management
Business
Business Economics
Classical Studies
Computing and Information Science
Creative Writing
Criminal Justice and Public Policy
Economics

English
European Culture and Civilization
Family and Child Studies
French Studies
Geography
German
History
International Development
Italian
Marketing
Mathematics
Media and Cinema Studies
Museum Studies
Music
Philosophy
Political Science
Psychology
Sociology
Statistics
Studio Art
Spanish and Hispanic Studies
Theatre Studies

The schedule of studies for each minor is given on the following pages under its subject heading.

Anthropology (ANTH)

Department of Sociology and Anthropology, College of Social and Applied Human Sciences

The Department of Sociology and Anthropology offers three types of courses: sociology courses with the prefix SOC*; anthropology courses with the prefix ANTH*; and departmental courses with the prefix SOAN*. The departmental category of courses recognizes the fact that the disciplines of sociology and sociocultural anthropology have developed in tandem and it is possible to identify large areas of overlap and convergence in the work of practitioners both historically and in the present. Departmental courses include most of the core theory and methods courses as well as many elective courses. They contribute equally to the subject matter of sociology as well as the subject matter of sociocultural anthropology for purposes of the undergraduate programs of study in both disciplines. Please see the listings for all courses required for the Anthropology program.

Courses will normally be offered in the semesters designated. Please check with the department for information about additional semester offerings. In addition to regularly scheduled courses, students may elect to do independent study. A student who wishes to do a reading course should first consult the professor with whom they wish to work. Please note, a student is allowed a total of 1.00 credits only for reading courses.

SOAN courses will be used towards the Anthropology specialization.

Area of Concentration (General Program)

A minimum of 5.00 credits is required, including:

ANTH*1150	[0.50]	Introduction to Anthropology
ANTH*2180	[0.50]	Public Anthropology
ANTH*2230	[0.50]	Regional Ethnography
ANTH*3690	[0.50]	Engaging Anthropological Theory
ANTH*3770	[0.50]	Kinship, Family, and Power
SOAN*2120	[0.50]	Introductory Methods

One of:

MUSC*2270	[0.50]	World Music
PHIL*2100	[0.50]	Critical Thinking

1.00 additional credits in ANTH

0.50 additional credits in SOAN

Note: 1.00 credits of these additional credits must be completed at the 3000 level or above.

Major (Honours Program)

A minimum of 9.00 credits is required, including:

ANTH*1150	[0.50]	Introduction to Anthropology
ANTH*2180	[0.50]	Public Anthropology
ANTH*2230	[0.50]	Regional Ethnography
ANTH*3690	[0.50]	Engaging Anthropological Theory
ANTH*3770	[0.50]	Kinship, Family, and Power
ANTH*4700	[0.50]	Issues in Contemporary Anthropological Theory
SOAN*2120	[0.50]	Introductory Methods
SOAN*3070	[0.50]	Qualitative and Observational Methods

Two of:

LING*1000	[0.50]	Introduction to Linguistics
MUSC*2270	[0.50]	World Music

PHIL*2100	[0.50]	Critical Thinking
-----------	--------	-------------------

2.00 additional credits in ANTH
2.00 additional credits in SOAN
Note: 1.00 of these additional credits must be completed at the 4000 level.
Note: SOAN*3120 is recommended, especially for students planning to enter graduate programs.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ANTH*1150	[0.50]	Introduction to Anthropology
ANTH*2180	[0.50]	Public Anthropology
ANTH*2230	[0.50]	Regional Ethnography
ANTH*3690	[0.50]	Engaging Anthropological Theory
ANTH*3770	[0.50]	Kinship, Family, and Power
SOAN*2120	[0.50]	Introductory Methods

One of:

MUSC*2270	[0.50]	World Music
PHIL*2100	[0.50]	Critical Thinking

1.00 additional credits in ANTH

0.50 additional credits in SOAN

Note: 1.00 of these additional credits must be completed at the 3000 level or above.

Art History (ARTH)

School of Fine Art and Music, College of Arts

The School provides for concentrated study in Art History or Studio Arts, or for a more balanced study combining the two disciplines. Both Studio Art and Art History degree programs require some work in both the programs. Many Art History courses are also open to non specialized students.

The Art History program covers historical perspectives on the visual arts, study of the methodologies of art history and critical theory, and consideration of contemporary issues in the practice and display of art. Students pursuing a Major or Minor in Art History are required to take a minimum number of courses at the 2000, 3000 and 4000 level.

Students majoring in other programs who are also interested in the study of Art History are encouraged to consider the Minor offered in Museum Studies. Specific requirements for the Art History Honours Major and Minor are listed below.

Student Counselling

The students who elect to take a substantial number of courses in Art History with the objective of graduate work are advised to obtain counselling from faculty regarding their choices. It is important to know that graduate studies in Art History will usually require a reading knowledge of at least 2 languages other than English. German, French, Italian and Latin are among the most useful choices. Cognate electives in other disciplines in the College of Arts (such as History) will almost certainly prove an asset.

Major (Honours Program)

A minimum of 9.00 credits is required, including:

ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II
ARTH*2220	[0.50]	The Visual Arts Today
ARTH*2480	[0.50]	Introduction to Art Theory and Criticism
ARTH*2540	[0.50]	Medieval Art
ARTH*2550	[0.50]	The Italian Renaissance
ARTH*2600	[0.50]	Early Modern Art

1.50 credits from:

ARTH*2050	[0.50]	Modern Latin American Art
ARTH*2060	[0.50]	Indigenous Arts in the Americas
ARTH*2070	[0.50]	Art of the USA
ARTH*2120	[0.50]	Introduction to Museology
ARTH*2150	[0.50]	Art and Archaeology of Greece
ARTH*2280	[0.50]	Modern Architecture
ARTH*2290	[0.50]	History of Photographic Media
ARTH*2490	[0.50]	History of Canadian Art
ARTH*2580	[0.50]	Late Modern Art: 1900-1950
ARTH*2950	[0.50]	Baroque Art

2.00 credits from:

ARTH*3010	[0.50]	Contemporary Canadian Art
ARTH*3060	[0.50]	Public Art
ARTH*3150	[0.50]	Space: Roman Art and Urbanism
ARTH*3200	[0.50]	Colour: Practice & Meanings in Western Art
ARTH*3210	[0.50]	Critical Issues in Art History
ARTH*3220	[0.50]	Nationalism & Identity in Art
ARTH*3320	[0.50]	Lives: Aspects of Western Art
ARTH*3330	[0.50]	Display: Visual Culture in Western Europe
ARTH*3340	[0.50]	Studies in Renaissance and Baroque Art
ARTH*3520	[0.50]	Idea: Art Since 1950
ARTH*3600	[0.50]	Topics in the Long Eighteenth Century
ARTH*3620	[0.50]	Museum Studies
ARTH*3780	[0.50]	Gender and Art

2.00 credits from 4000-level seminar courses:

ARTH*4310	[1.00]	Topics in Art & Visual Culture I
ARTH*4320	[1.00]	Topics in Art & Visual Culture II
ARTH*4330	[1.00]	Topics in Art & Visual Culture III
ARTH*4340	[1.00]	Topics in Art & Visual Culture IV
ARTH*4350	[1.00]	Topics in Art & Visual Culture V

Students may count either ARTH*4600 "Individual Study: Art History" or ARTH*4800 "Experiential Learning" towards their major. Neither of these courses meets the requirement of 2.00 credits from seminar courses.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II

4.00 additional credits in Art History including at least 2.00 credits at the 3000 or 4000 level.

Arts, Culture and Heritage Management (ACHM)

This minor prepares students for careers in the management of the artistic and cultural sectors. By examining arts, culture and heritage institutions, business models and consumer trends, students develop and demonstrate an understanding of the relationship between culture and society, cultural economies and the arts both globally and in the Canadian context. Attention is given to visual culture, film and theatre, sound/ music, heritage, management, law, marketing, communications and ethics. The experiential component allows students to gain practical experience in the field of their choice. The minor in Arts, Culture and Heritage Management guides students to an understanding of the pertinent questions at stake in today's entrepreneurial and diverse cultural environments.

Minor (Honours Program)

A minimum of 5.00 credits is required including:

HUMN*1300	[0.50]	Fundamentals of Arts Management I
HUMN*2300	[0.50]	Fundamentals of Arts Management II
HROB*2010	[0.50]	Foundations of Leadership
MGMT*2150	[0.50]	Introduction to Canadian Business Management

Note: B.Comm students interested in this minor must substitute MGMT*2150 with 0.50 additional credits from the Arts and Culture list below.

1.00 credit from Arts and Culture

ANTH*2660	[0.50]	Contemporary Indigenous Peoples in Canada
ANTH*3650	[0.50]	The Anthropology of Indigenous Peoples Before Canada
ARTH*2060	[0.50]	Indigenous Arts in the Americas
ARTH*2120	[0.50]	Introduction to Museology
ARTH*2220	[0.50]	The Visual Arts Today
ARTH*2290	[0.50]	History of Photographic Media
ARTH*3010	[0.50]	Contemporary Canadian Art
ARTH*3060	[0.50]	Public Art
ARTH*3520	[0.50]	Idea: Art Since 1950
ARTH*3620	[0.50]	Museum Studies
ENGL*3380	[0.50]	Studies in the History of Literary Production
EURO*1100	[0.50]	European Cinema
FREN*3140	[0.50]	Women in Literature, Art and Film
FREN*3160	[0.50]	Songs, Lyrics and Poetry in French
HIST*3260	[0.50]	Cinema and the Moving Image
HIST*3450	[0.50]	The Uses of History
MUSC*2030	[0.50]	Music in Canada
MUSC*2150	[0.50]	Music and Popular Culture
MUSC*2270	[0.50]	World Music
SART*1150	[0.50]	Contemporary Artistic Practice
THST*2500	[0.50]	Contemporary Cinema
THST*3530	[0.50]	Canadian Cinema
THST*4240	[0.50]	Theatrical Organization and Culture
WMST*2000	[0.50]	Women and Representation

1.00 credit from Organizational Management

ACCT*1220	[0.50]	Introductory Financial Accounting
ACCT*2230	[0.50]	Management Accounting
EDRD*4120	[0.50]	Leadership Development in Small Organizations
HROB*2090	[0.50]	Individuals and Groups in Organizations
HROB*3010	[0.50]	Compensation Systems
HROB*3050	[0.50]	Employment Law
HROB*3070	[0.50]	Recruitment and Selection
HROB*3090	[0.50]	Training and Development
HROB*3100	[0.50]	Developing Management and Leadership Competencies
HROB*4060	[0.50]	Human Resource Planning
HTM*1700	[0.50]	Foodservice Management
HTM*2070	[0.50]	Event Management
MCS*1000	[0.50]	Introductory Marketing
MCS*2100	[0.50]	Personal Financial Management
MCS*3000	[0.50]	Advanced Marketing

0.50 additional credits from Ethics and Communication.

EDRD*2020	[0.50]	Interpersonal Communication
EDRD*3140	[0.50]	Organizational Communication
EDRD*3160	[0.50]	International Communication
MGMT*3020	[0.50]	Corporate Social Responsibility
PHIL*2100	[0.50]	Critical Thinking
PHIL*2120	[0.50]	Ethics
PHIL*2600	[0.50]	Business and Professional Ethics

0.50 additional credits from Experiential Learning.

ARTH*4800	[0.50]	Experiential Learning
CLAS*3700	[0.50]	Experiential Learning and Language
EURO*3700	[0.50]	Experiential Learning and Language
FREN*3700	[0.50]	Experiential Learning and Language
GERM*3700	[0.50]	Experiential Learning and Language
HIST*3480	[0.50]	Workplace Learning
ITAL*3700	[0.50]	Experiential Learning and Language
SART*3800	[0.50]	Experiential Learning I
SPAN*3700	[0.50]	Experiential Learning and Language
THST*3000	[0.50]	Experiential Learning
THST*3010	[0.50]	Experiential Learning

Note: ANTH*3950, ANTH*4880, ASCI*3700, ASCI*4700, ASCI*4710, HIST*4470, HUMN*3190, HUMN*4190, MGMT*4050, MUSC*4200 can be counted toward the 0.50 credits in experiential learning if the proposed project is related to arts, culture and heritage management. Please consult the faculty advisor for the minor for details.

At least 1.00 credits must be at 3000 level or higher.

Note: Some courses may also have prerequisites, identified in course descriptions in the academic calendar.

Business (BUS)

Department of Management, Gordon S. Lang School of Business and Economics

The study of business is complementary to virtually any career or professional endeavour. The minor in Business is intended to enhance the business literacy of non-business students. Through a combination of core and elective courses, students from different disciplines will develop foundational knowledge and understanding of the core functional areas of business, and be invited to explore and apply this in relation to their primary area of study. **Note:** The minor in Business is not open to students enrolled in the Bachelor of Commerce program.

Minor (Honours Program)

A minimum of 5.00 credits is required (all 3.00 required credits, plus 2.00 credits of restricted electives of which at least 1.00 credits must be at the 3000 level or above).

Required courses (3.00 credits):

ACCT*1220	[0.50]	Introductory Financial Accounting
ECON*1050	[0.50]	Introductory Microeconomics
HROB*2090	[0.50]	Individuals and Groups in Organizations
MCS*1000	[0.50]	Introductory Marketing
MGMT*2150	[0.50]	Introduction to Canadian Business Management
MGMT*3020	[0.50]	Corporate Social Responsibility

Restricted Electives (2.00 credits of which at least 1.00 credits are at the 3000 level or above):

ACCT*2230	[0.50]	Management Accounting
ECON*1100	[0.50]	Introductory Macroeconomics
ECON*2720	[0.50]	Business History
EDRD*3140	[0.50]	Organizational Communication
EDRD*3160	[0.50]	International Communication
EDRD*4120	[0.50]	Leadership Development in Small Organizations
ENGG*3240	[0.50]	Engineering Economics
ENGG*4050	[0.50]	Quality Control
ENGG*4070	[0.50]	Life Cycle Assessment for Sustainable Design
ENGG*4510	[0.50]	Assessment & Management of Risk
FARE*3030	[0.50]	The Firm and Markets
FARE*3310	[0.50]	Operations Management
FARE*4360	[0.50]	Marketing Research
FARE*4370	[0.50]	Food & Agri Marketing Management
HIST*2220	[0.50]	Buying and Selling: Consumer Cultures
HROB*2010	[0.50]	Foundations of Leadership
HROB*2200	[0.50]	Labour Relations
HROB*2290	[0.50]	Human Resources Management
HTM*3120	[0.50]	Service Operations Analysis
MCS*2020	[0.50]	Information Management
MCS*2100	[0.50]	Personal Financial Management
MCS*2600	[0.50]	Fundamentals of Consumer Behaviour
MCS*3000	[0.50]	Advanced Marketing
MCS*3040	[0.50]	Business and Consumer Law
MGMT*3320	[0.50]	Financial Management
MGMT*4050	[0.50]	Business Consulting
MGMT*4060	[0.50]	Business Consulting
PHIL*2600	[0.50]	Business and Professional Ethics

POLS*2250	[0.50]	Public Administration and Governance
POLS*3470	[0.50]	Business-Government Relations in Canada
PSYC*4330	[0.50]	Industrial/Organizational Psychology
SOAN*3040	[0.50]	Globalization of Work and Organizations

Note: not all restricted elective courses identified in this list will necessarily be open to all students in the Business minor. Some courses (noted by the *asterisk*) have priority access restrictions, or may be limited to students enrolled in the major from which the courses are drawn. In some cases a Course Waiver Request form signed by the instructor may be required in order for students to add these courses to their schedule. Please consult with the department offering the course about possible access. Some courses may also have prerequisites which are identified in course descriptions in the academic calendar.

Business Economics (BECN)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

Interdisciplinary study in Business Economics is offered as a minor in the honours program. Students in this program will be counselled by the Department of Economics and Finance. It is possible for students to pursue a more intensive program in the area of business and economics; see the heading Economics (ECON) or Mathematical Economics (MAEC) in the B.A. degree and the heading Management Economics (MEF) in the B.Comm. degree.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ACCT*1220	[0.50]	Introductory Financial Accounting
ACCT*2230	[0.50]	Management Accounting
ECON*1050	[0.50]	Introductory Microeconomics *
ECON*1100	[0.50]	Introductory Macroeconomics
ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics
FIN*2000	[0.50]	Introduction to Finance

One of:

IPS*1500	[1.00]	Integrated Mathematics and Physics I
MATH*1030	[0.50]	Business Mathematics
MATH*1080	[0.50]	Elements of Calculus I
MATH*1200	[0.50]	Calculus I

One of:

ECON*2740	[0.50]	Economic Statistics
PSYC*1010	[0.50]	Making Sense of Data in Psychological Research
SOAN*2120	[0.50]	Introductory Methods
STAT*2040	[0.50]	Statistics I
STAT*2060	[0.50]	Statistics for Business Decisions
STAT*2080	[0.50]	Introductory Applied Statistics I
STAT*2120	[0.50]	Probability and Statistics for Engineers

One of:

FIN*3000	[0.50]	Investments
ENGG*3240	[0.50]	Engineering Economics
FARE*3310	[0.50]	Operations Management
HROB*2090	[0.50]	Individuals and Groups in Organizations
MCS*1000	[0.50]	Introductory Marketing
MCS*3040	[0.50]	Business and Consumer Law
MGMT*3320	[0.50]	Financial Management

* FARE*1040 and FARE*1400 may replace this course if it is required for the major.

Classical Studies (CLAS)

School of Languages and Literatures, College of Arts

The program in Classical Studies is intended particularly for students interested in Greek and Roman culture, society and history. The advanced study of both Greek and Latin is recommended to students who want a more precise understanding of the ancient cultures. Consult the Head of Classical Studies for detailed information.

Core Requirements

- a. CLAS*1000, plus EITHER (GREK*1100, GREK*1110, GREK*2020) OR (LAT*1100, LAT*1110, LAT*2000)
- b. one of CLAS*2000, CLAS*2150, CLAS*2350, CLAS*3100
- c. one of CLAS*3000, CLAS*3010, CLAS*3020
- d. one of CLAS*3030, CLAS*3040
- e. one of CLAS*3150, HIST*2850, PHIL*2140

Major (Honours Program)

A minimum of 8.00 credits is required, including:

- a. the Classical Studies Core
- b. CLAS*4000, CLAS*4150, CLAS*4400
- c. 2.50 additional credits in Classics, 1.00 of which may be taken from the following as part of the program:
- d. ENGL*1410 [0.50] Major Writers
- HIST*2200 [0.50] The Medieval World

HUMN*1030	[0.50]	What Makes a Literary Classic?
LING*1000	[0.50]	Introduction to Linguistics
PHIL*3060	[0.50]	Medieval Philosophy

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

- a. the Classical Studies Core
- b. two of CLAS*4000, CLAS*4150, CLAS*4400

Computing and Information Science (CIS)

School of Computer Science, College of Engineering and Physical Sciences

A knowledge of Computing is a complement to most areas of study. The Minor in Computing and Information Science is directed towards students who wish to supplement their studies in another area with some experience in Computing. Students interested in pursuing a Major in Computing can do so through the Bachelor of Computing Degree Program.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

CIS*1300	[0.50]	Programming
CIS*1910	[0.50]	Discrete Structures in Computing I
CIS*2170	[0.75]	User Interface Design
CIS*2430	[0.50]	Object Oriented Programming
CIS*2500	[0.50]	Intermediate Programming
CIS*2520	[0.50]	Data Structures
CIS*2750	[0.75]	Software Systems Development and Integration

0.50 additional credits from CIS courses at the 2000 level or above

0.50 additional credits from CIS courses at the 3000 level or above

Creative Writing (CW)

The Creative Writing minor reflects the significant role that creative writing plays in our cultural life, from travel writing and blogs, gaming and journalism, to poems, novels and films. The minor hones students' skills in expressive writing, and teaches students to situate their work within a broader context of local, global and historical creative texts. Workshops and a capstone seminar provide students with the opportunity to revise their work and develop a creative portfolio.

Minor (Honours Program)

A minimum of 5.00 credits is required including:

ENGL*1080	[0.50]	Literatures in English I: Reading the Past
ENGL*2920	[0.50]	Elements of Creative Writing
ENGL*4720	[1.00]	Creative Writing: Prose/Poetry

1.00 credit from the following:

ENGL*3050	[0.50]	Intermediate Fiction Writing Workshop
ENGL*3060	[0.50]	Intermediate Poetry Writing Workshop
ENGL*3070	[0.50]	Intermediate Screenwriting Workshop
ENGL*3090	[0.50]	Special Topics in Creative Writing Workshop
THST*2120	[0.50]	Writing for Performance

2.00 credits from the following:

CLAS*2000	[0.50]	Classical Mythology
CLAS*3030	[0.50]	Epic Heroes and Poems
ENGL*2040	[0.50]	Latina/o Literature and Cultural Production: Intro
ENGL*2080	[0.50]	Literatures in English II: Finding a Critical Voice
ENGL*2090	[0.50]	Studies in Shakespeare
ENGL*2120	[0.50]	Seminar: Critical Practices
ENGL*2130	[0.50]	Seminar: Literature and Social Change
ENGL*2190	[0.50]	Queer Literatures and Cultures
ENGL*2200	[0.50]	Postcolonial Literatures, Film, and Other Media
ENGL*2260	[0.50]	Law and Literature
ENGL*2270	[0.50]	Fairy, Trickster, and Mythical Hero
ENGL*2280	[0.50]	Sporting Bodies
ENGL*2290	[0.50]	Outlaws
ENGL*2310	[0.50]	Vampires, Ghosts, and Mummies: Literature and the Supernatural
ENGL*2330	[0.50]	Print Culture and Cinema
ENGL*2360	[0.50]	Medieval Literature
ENGL*2550	[0.50]	North American Native Literatures
ENGL*2640	[0.50]	Culture, Location, Identity: Minoritized Literatures in Canada and Beyond
ENGL*2740	[0.50]	Children's Literature
ENGL*2880	[0.50]	Women in Literature
ENGL*3080	[0.50]	History and Linguistics of the English Language
ENGL*3240	[0.50]	Studies in Early Modern Literature and Culture
ENGL*3380	[0.50]	Studies in the History of Literary Production
ENGL*3420	[0.50]	20th- & 21st-Century Drama
ENGL*3460	[0.50]	Literature in London
ENGL*3470	[0.50]	Twentieth-Century British Literature I
ENGL*3480	[0.50]	Twentieth-Century British Literature II

ENGL*3540	[0.50]	Writing the United States
ENGL*3550	[0.50]	Modern United States Literatures
ENGL*3680	[0.50]	20th- & 21st-Century Canadian Literature and Criticism
ENGL*3750	[0.50]	Studies in Postcolonial Literatures
ENGL*3760	[0.50]	The Atlantic World
ENGL*3870	[0.50]	Topics in Literary and Cultural Studies
ENGL*3880	[0.50]	Topics in Literary and Cultural Studies
FREN*2020	[0.50]	France: Literature and Society
FREN*2060	[0.50]	Quebec: Literature and Society
FREN*3030	[0.50]	Good and Evil
FREN*3090	[0.50]	Classics of French Literature
FREN*3110	[0.50]	Storytelling in the Francophone World
FREN*3130	[0.50]	Representing the Self
FREN*3140	[0.50]	Women in Literature, Art and Film
FREN*3160	[0.50]	Songs, Lyrics and Poetry in French
FREN*3170	[0.50]	Fictions of Childhood
GERM*3020	[0.50]	Myth and Fairy Tales in Germany
GERM*3470	[0.50]	Holocaust & WWII in German Lit. & Film
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
HUMN*3020	[0.50]	Myth and Fairy Tales in Germany
HUMN*3400	[0.50]	Renaissance Lovers and Fools
ITAL*3400	[0.50]	Renaissance Lovers and Fools
SPAN*2990	[0.50]	Hispanic Literary Studies
SPAN*3220	[0.50]	Literature and Arts I: Spain
SPAN*3230	[0.50]	Literature and Arts II: Latin America

Students with a compelling reason to work in a genre other than prose or poetry at the 4000 level may substitute ENGL*4810 and ENGL*4910 for ENGL*4720 with the faculty advisor's permission.

Note: Substituted courses may have their own prerequisites; check the course descriptions in the academic calendar.

Criminal Justice and Public Policy (CJPP)

Department of Sociology and Anthropology, and the Department of Political Science, College of Social and Applied Human Sciences

Criminal Justice and Public Policy is offered as a minor in the honours program and as a major in the honours program. It is designed to provide students seeking a career in the criminal justice system, or planning to pursue an advanced degree with a knowledge base that will enable them to pursue their career objectives. The program offers a unique blend of sociological courses dealing with the criminal justice system as well as courses in Political Science dealing with public policy formation and implementation. It also provides students with the conceptual and methodological tools needed for further study.

Students who are not admitted directly into the CJPP major and subsequently wish to declare either the CJPP major or minor must have a cumulative average of 70% or better in the following foundation courses:

POLS*2300	[0.50]	Canadian Government and Politics
POLS*2350	[0.50]	Law from a Political Science Perspective
SOAN*2120	[0.50]	Introductory Methods
SOC*1500	[0.50]	Crime and Criminal Justice
SOC*2700	[0.50]	Criminological Theory

One of:

POLS*2230	[0.50]	Public Policy
POLS*2250	[0.50]	Public Administration and Governance

Students from other institutions who transfer to the University of Guelph and wish to declare the CJPP major or minor must also meet the above requirement. If external transfer students are granted credit for one or more of the foundation courses listed above, then they must attain a cumulative average of 70% or better in the remaining required CJPP foundation courses.

Major (Honours Program)

A minimum of 9.00 credits is required, including:

PHIL*1010	[0.50]	Introductory Philosophy: Social and Political Issues
POLS*2300	[0.50]	Canadian Government and Politics
POLS*2350	[0.50]	Law from a Political Science Perspective
POLS*3300	[0.50]	Governing Criminal Justice
SOAN*2120	[0.50]	Introductory Methods
SOC*1500	[0.50]	Crime and Criminal Justice
SOC*2700	[0.50]	Criminological Theory

One of:

POLS*2230	[0.50]	Public Policy
POLS*2250	[0.50]	Public Administration and Governance

0.50 credits from the following:

POLS*3650	[0.50]	Quantitative Methods of Data Analysis
SOAN*3120	[0.50]	Quantitative Methods

1.50 credits from the following:

SOC*2070	[0.50]	Social Deviance
SOC*2760	[0.50]	Homicide

SOC*3490	[0.50]	Law and Society
SOC*3710	[0.50]	Youth Justice
SOC*3730	[0.50]	Courts and Society
SOC*3740	[0.50]	Corrections and Penology
SOC*3750	[0.50]	Police in Society
1.00 credits from the following:		
POLS*3130	[0.50]	Law, Politics and Judicial Process
POLS*3140	[0.50]	Canadian Charter of Rights and Freedoms
POLS*3210	[0.50]	The Constitution and Canadian Federalism
POLS*3250	[0.50]	Public Policy: Challenges and Prospects
POLS*3670	[0.50]	Comparative Public Policy
0.50 credits from the following:		
HIST*3130	[0.50]	Popular Culture and Punishment, 1700-1900
PHIL*3040	[0.50]	Philosophy of Law
PHIL*3230	[0.50]	Theories of Justice
PSYC*3020	[0.50]	Psychology of Law
1.50 credits from the following:		
POLS*4050	[1.00]	Advanced Topics in Law and Politics
POLS*4060	[0.50]	Advanced Topics Lecture in Law and Politics
POLS*4070	[1.00]	Courts and Parliament
POLS*4100	[1.00]	Women, Justice and Public Policy
POLS*4160	[1.00]	Multi-Level Governance in Canada
POLS*4250	[1.00]	Topics in Public Management
POLS*4260	[1.00]	Topics in Public Policy
POLS*4270	[0.50]	Advanced Lecture in Public Management
POLS*4280	[0.50]	Advanced Lecture in Public Policy
POLS*4310	[0.50]	Advanced Lecture in Women, Justice and Public Policy
POLS*4740	[1.00]	Advanced Topics in Rights and Liberties
POLS*4780	[0.50]	Advanced Lecture in Rights and Liberties
POLS*4970	[0.50]	Honours Political Science Research I
POLS*4980	[0.50]	Honours Political Science Research II
SOC*4010	[0.50]	Violence and Society
SOC*4030	[0.50]	Advanced Topics in Criminology
SOC*4200	[0.50]	Advanced Topics in Criminal Justice
SOC*4900	[0.50]	Honours Sociology Thesis I
SOC*4910	[0.50]	Honours Sociology Thesis II

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

PHIL*1010	[0.50]	Introductory Philosophy: Social and Political Issues
POLS*2300	[0.50]	Canadian Government and Politics
POLS*2350	[0.50]	Law from a Political Science Perspective
SOAN*2120	[0.50]	Introductory Methods
SOC*1500	[0.50]	Crime and Criminal Justice
SOC*2700	[0.50]	Criminological Theory

One of:

POLS*2230	[0.50]	Public Policy
POLS*2250	[0.50]	Public Administration and Governance

1.50 credits from the following list, including 0.50 SOC and 0.50 POLS:

POLS*3130	[0.50]	Law, Politics and Judicial Process
POLS*3210	[0.50]	The Constitution and Canadian Federalism
POLS*3300	[0.50]	Governing Criminal Justice
POLS*3250	[0.50]	Public Policy: Challenges and Prospects
POLS*3670	[0.50]	Comparative Public Policy
SOC*2070	[0.50]	Social Deviance
SOC*2760	[0.50]	Homicide
SOC*3490	[0.50]	Law and Society
SOC*3710	[0.50]	Youth Justice
SOC*3730	[0.50]	Courts and Society
SOC*3740	[0.50]	Corrections and Penology
SOC*3750	[0.50]	Police in Society

Economics (ECON)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

The Department of Economics and Finance offers courses in economic theory, applied economics and quantitative methods. Students may take courses leading to a B.A. in the honours. It is possible to combine Economics with various other disciplines such as finance, mathematics and statistics, business administration, political science, geography and history. Students are urged to consult the department's program planning guide and the department's advisors for detailed information about courses and programs and about the course of study most appropriate as preparation for graduate work in economics or business administration, for professional degrees such as the Bachelor's degree in Law, and for careers in business and government.

Core Requirements

ECON*1050	[0.50]	Introductory Microeconomics
ECON*1100	[0.50]	Introductory Macroeconomics

ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics

One of:

MATH*1030	[0.50]	Business Mathematics
MATH*1080	[0.50]	Elements of Calculus I
MATH*1200	[0.50]	Calculus I

Major (Honours Program)

A minimum of 9.50 credits in Economics or Finance is required, including:

The Economics core requirements

ECON*2740	[0.50]	Economic Statistics
ECON*2770	[0.50]	Introductory Mathematical Economics
ECON*3710	[0.50]	Advanced Microeconomics
ECON*3740	[0.50]	Introduction to Econometrics
ECON*3810	[0.50]	Advanced Macroeconomics
ECON*4710	[0.50]	Advanced Topics in Microeconomics
ECON*4810	[0.50]	Advanced Topics in Macroeconomics

One of:

ECON*2720	[0.50]	Business History
ECON*3730	[0.50]	The Origins of International Inequality
ECON*4720	[0.50]	Topics in Economic History

3.00 additional credits in Economics at the 3000 or 4000 level, at least 1.50 of which must be at the 4000 level

Note: Students contemplating graduate studies in Economics should take ECON*4640, Advanced Econometrics and FIN*4100, Financial Econometrics.

Minor (Honours Program)

A minimum of 5.00 credits in Economics or Finance is required, including:

a. The Economics core

b. One of:

ECON*2740	[0.50]	Economic Statistics
ECON*2770	[0.50]	Introductory Mathematical Economics
FIN*2000	[0.50]	Introduction to Finance

c. 2.00 other credits in Economics or Finance at the 3000 or 4000 level

Notes:

1. ECON*3740 is recommended.
2. Students wishing to pursue a more structured Economics minor should take ECON*3710 as well as ECON*3740.

Economics (Co-op) (ECON:C)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

The Economics Co-op program provides an integrated academic/work experience for students with co-operating employer organizations. Students in the program complete 4-5 work terms while fulfilling the requirements of their honours Economics program.

All co-op students must complete the Economics core plus an introductory computer science course (CIS*), ECON*2770 and ECON*3740 in their first 4 semesters. Admission in the co-op program is limited to students of high academic standing and will be considered only at semester 1 entry or at the end of semester 2. The first 2 work terms normally follow completion of the first 4 semesters of academic study. Students will only be permitted to take these work terms if they are eligible to continue in the Honours Economics program, have completed the required courses and are maintaining a satisfactory standing in their Economics program. The 3rd and 4th work terms will normally follow the 6th academic semester. For further information on the Economics Co-op program students are urged to consult the department's Program Guide and Co-operative Education Programs in Section X-degree Programs in this calendar.

Students should review the Economics section in the schedule of studies for additional program information.

Program Requirements

The Co-op program in Economics is a five year program, including five work terms. Students must complete a Fall, Winter and Summer work term and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: <https://www.recruitguelph.ca/cecs/>). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Economics Academic and Co-op Work Term Schedule

Year	Fall	Winter	Summer
1	Academic Semester 1	Academic Semester 2	Off
2	Academic Semester 3 COOP*1100	Academic Semester 4	COOP*1000 Work Term I
3	COOP*2000 Work Term II	Academic Semester 5	COOP*3000 Work Term III
4	Academic Semester 6	COOP*4000 Work Term IV	COOP*5000 Work Term V
5	Academic Semester 7	Academic Semester 8	N/A

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (22.00 Total Credits)*

9.50 - Required Core Courses

1.50 - Humanities credits from at least two subject areas (BA distribution requirement)

0.50 - Social Science credit outside of ECON (BA distribution requirement)

8.50 – Electives

2.00 - Co-op Work Terms

Note: A minimum of four Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. *A fifth Co-op work term is optional and if completed, the total number of credits will equal 22.50

The recommended program sequence is outlined below.

Major (Honours Program)

Semester 1

ECON*1050	[0.50]	Introductory Microeconomics
-----------	--------	-----------------------------

One of:

MATH*1030	[0.50]	Business Mathematics
MATH*1080	[0.50]	Elements of Calculus I
MATH*1200	[0.50]	Calculus I

1.50 electives

Semester 2 (Winter)

ECON*1100	[0.50]	Introductory Macroeconomics
-----------	--------	-----------------------------

One computer science course

1.50 electives

Summer Semester

Optional -- at the discretion of the student.

Semester 3 (Fall)

COOP*1100	[0.00]	Introduction to Co-operative Education
ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics
ECON*2740	[0.50]	Economic Statistics
ECON*2770	[0.50]	Introductory Mathematical Economics

0.50 electives

Semester 4 (Winter)

ECON*3740	[0.50]	Introduction to Econometrics
-----------	--------	------------------------------

One economic history course*

1.50 electives

Summer Semester

COOP*1000	[0.50]	Co-op Work Term I
-----------	--------	-------------------

Fall Semester

COOP*2000	[0.50]	Co-op Work Term II
-----------	--------	--------------------

Semester 5 (Winter)

ECON*3810	[0.50]	Advanced Macroeconomics
-----------	--------	-------------------------

1.00 credits in Economics or Finance at the 3000 level

1.00 electives

Summer Semester

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Semester 6 (Fall)

ECON*3710	[0.50]	Advanced Microeconomics
-----------	--------	-------------------------

0.50 credits in Economics or Finance at the 4000 level (ECON*4640 is recommended)

1.50 electives

Winter Semester

COOP*4000	[0.50]	Co-op Work Term IV
-----------	--------	--------------------

Summer Semester

COOP*5000	[0.50]	Co-op Work Term V
-----------	--------	-------------------

Semester 7 (Fall)

ECON*4710	[0.50]	Advanced Topics in Microeconomics
-----------	--------	-----------------------------------

0.50 credits in Economics or Finance at the 4000 level

1.00 electives

0.50 restricted electives

Semester 8 (Winter)

ECON*4810	[0.50]	Advanced Topics in Macroeconomics
-----------	--------	-----------------------------------

0.50 credits in Economics or Finance at the 4000 level

1.50 electives

*the economic history course may be taken in any semester

English (ENGL)

School of English and Theatre Studies, College of Arts

The School of English and Theatre Studies offers courses in the B.A. Program in English that focus on the study of literature and related texts across a broad range of theoretical, historical, and geographical sites. The School also welcomes non-majors into its courses at the 1000, 2000, and 3000 levels, suitable to other majors within the College of Arts and beyond. Certain courses in Theatre Studies (THST) and in Literature in Translation (CLAS, GERM, HUMN, SPAN) may be counted towards a degree in English. Consult the School of English and Theatre Studies for details.

First-year students registered in or considering one of the programs in English should register for ENGL*1080 in the first semester and ENGL*2080 in the second semester.

Area of Concentration (General Program)

A minimum of 5.00 English credits is required in the English core and the English electives. English elective courses must be chosen to fulfill the Distribution Requirements for the Area of Concentration.

English core - 2.00 credits as follows:

1. ENGL*1080, ENGL*2080, ENGL*2120
2. one additional core seminar (variable content): ENGL*2130, ENGL*3940, ENGL*3960

English electives - 3.00 credits to include:

1. 1.00 credits from the following list of courses:

ENGL*2090	[0.50]	Studies in Shakespeare
ENGL*2360	[0.50]	Medieval Literature
ENGL*3080	[0.50]	History and Linguistics of the English Language
ENGL*3220	[0.50]	Representing Britain: 18th- & 19th- Century Literature
ENGL*3240	[0.50]	Studies in Early Modern Literature and Culture
ENGL*3300	[0.50]	Restoration to Romanticism: Forging the Nation
ENGL*3320	[0.50]	Romanticism to Victorianism: Culture and Conformity
ENGL*3340	[0.50]	British Imperial Culture
ENGL*3380	[0.50]	Studies in the History of Literary Production
ENGL*3540	[0.50]	Writing the United States
ENGL*3570	[0.50]	Chaucer in Context
ENGL*3630	[0.50]	Writing Canada: Forging the Nation
2. 2.00 credits from any other ENGL lecture or seminar course. At least 1.00 credits in ENGL must be at the 3000 level.

Major (Honours Program)

A minimum of 8.50 English credits is required in the English core and the English electives. English elective courses must be chosen to fulfill the Distribution Requirements for the Major.

English core - 3.00 credits as follows:

1. ENGL*1080, ENGL*2080
2. four core seminars (variable content): ENGL*2120, ENGL*2130, ENGL*3940, ENGL*3960

English electives - 5.50 credits to include:

1. 2.00 credits from the following list of courses:

ENGL*2090	[0.50]	Studies in Shakespeare
ENGL*2360	[0.50]	Medieval Literature
ENGL*3080	[0.50]	History and Linguistics of the English Language
ENGL*3220	[0.50]	Representing Britain: 18th- & 19th- Century Literature
ENGL*3240	[0.50]	Studies in Early Modern Literature and Culture
ENGL*3300	[0.50]	Restoration to Romanticism: Forging the Nation
ENGL*3320	[0.50]	Romanticism to Victorianism: Culture and Conformity
ENGL*3340	[0.50]	British Imperial Culture
ENGL*3380	[0.50]	Studies in the History of Literary Production
ENGL*3540	[0.50]	Writing the United States
ENGL*3570	[0.50]	Chaucer in Context
ENGL*3630	[0.50]	Writing Canada: Forging the Nation
2. 1.00 credits from ENGL 4000 level courses
3. 2.50 credits from any other ENGL lecture or seminar courses

A maximum of 2.00 credits at the 4000 level may be counted towards a major in English.

Honours students interested in a more concentrated program or contemplating graduate work in English are strongly advised to:

- attain a good reading knowledge of another language, such as French
- take ENGL*3380 (Studies in the History of Literary Production), ENGL*3690 (History of Literary Criticism), ENGL*4890 (Contemporary Literary Theory)
- take 2.00 credits from 4000-level seminars (2 seminars at 1.00 credits each)

The M.A. program in English at Guelph gives preference to qualified applicants with a broad experience in literary and cultural studies and related disciplines.

Minor (Honours Program)

The program of study and requirements are the same as for the Area of Concentration in the General Program.

Environmental Governance (EGOV)

Department of Geography, Environment and Geomatics, College of Social and Applied Human Sciences

Environmental governance refers to the processes through which societies make decisions that affect the environment. Governments have long been dominant players in this context. However, in Canada and around the world, the ability of governments alone to address environmental problems is being called into question. As a result, contemporary environmental governance increasingly involves citizens, non-government organizations, and businesses.

The Major in Environmental Governance introduces students to the challenges of environmental governance. Through completing courses from the disciplines of geography, political science, agricultural economics, and economics, students will receive: a solid foundation in the processes and mechanisms of environmental governance in Canada and elsewhere; an understanding of geographical, political, and economic factors that shape governance in Canada and around the world; and exposure to innovative approaches to environmental governance that address persistent and emerging societal concerns. Students completing the major will have the skills and experiences needed to participate effectively in environmental governance in a variety of settings. Hence, they will find careers in the public sector, in environmental non-government organizations, and, increasingly, in the private sector.

Completion of required courses, and careful selection from among optional courses, will facilitate students completing a minor in Geography, Political Science, or Economics. Minors in other programs also may complement the Major in Environmental Governance.

Major (Honours Program)

A minimum of 11.50 credits, consisting of 11.00 credits from the courses specified below, plus 0.50 credits from other 4000 level courses in Geography; Political Science; Food, Agricultural and Resource Economics (Agricultural Economics); or Economics:

ECON*1050	[0.50]	Introductory Microeconomics
EDRD*2650	[0.50]	Introduction to Planning and Environmental Law
GEOG*1220	[0.50]	Human Impact on the Environment
GEOG*1350	[0.50]	Earth: Hazards and Global Change
GEOG*2110	[0.50]	Climate and the Biophysical Environment
GEOG*2210	[0.50]	Environment and Resources
GEOG*3020	[0.50]	Global Environmental Change
GEOG*3210	[0.50]	Management of the Biophysical Environment
GEOG*4210	[0.50]	Environmental Governance
GEOG*4220	[0.50]	Local Environmental Management
GEOG*4230	[0.50]	Environmental Impact Assessment
MGMT*3020	[0.50]	Corporate Social Responsibility
POLS*1150	[0.50]	Understanding Politics
POLS*2250	[0.50]	Public Administration and Governance
POLS*3250	[0.50]	Public Policy: Challenges and Prospects
POLS*3370	[0.50]	Environmental Politics and Governance

One of:

GEOG*2030	[0.50]	Environment and Development
GEOG*2230	[0.50]	Commodity Chains and Cultures of Consumption

One of:

ECON*2100	[0.50]	Economic Growth and Environmental Quality
FARE*2700	[0.50]	Survey of Natural Resource Economics

One of:

HIST*2250	[0.50]	Environment and History
PHIL*2070	[0.50]	Philosophy of the Environment
SOC*3380	[0.50]	Society and Nature

One of:

ECON*2740	[0.50]	Economic Statistics
GEOG*2460	[0.50]	Analysis in Geography
STAT*2040	[0.50]	Statistics I

One of:

FARE*3170	[0.50]	Cost-Benefit Analysis
POLS*3210	[0.50]	The Constitution and Canadian Federalism
POLS*3270	[0.50]	Local Government in Ontario
POLS*3470	[0.50]	Business-Government Relations in Canada
POLS*3790	[0.50]	International Political Economy

One of:

FARE*4290	[0.50]	Land Economics
FARE*4310	[0.50]	Resource Economics

At least 0.50 additional credits at the 4000 level from Geography; Political Science; Food, Agricultural and Resource Economics (FARE); or Economics. Students are advised to contact an Environmental Governance Faculty Advisor for a list of recommended 4000 level courses.

* Note: Courses marked with an asterisk* may require the completion of additional prerequisites not included in the requirements for the Environmental Governance major. Students should consult the most recent Undergraduate Calendar (Chapter XII – Course Descriptions) for specific prerequisites.

European Culture and Civilization (ECC)

The minor in European Culture and Civilization is designed for students interested in the interdisciplinary study of European culture and history. It offers a combination of languages, history of European culture, literature, the arts, philosophy, history and political science.

Note: the minor is not open to European Studies majors.

Minor (Honours Program)

Note: some of the courses below (the language courses, some 3000 and 4000 level courses in lists A, B, C, D) have prerequisites not included in the minor.

A minimum of 5.00 credits, at least 1.00 of which must be at the 3000 level or above, is required, including:

- | | | |
|-----------|--------|--|
| EURO*1100 | [0.50] | European Cinema |
| EURO*2200 | [0.50] | Towards European Modernism |
| EURO*3300 | [0.50] | Violence and Culture in 20th C. Europe |
- 2.00 credits in one language chosen from the following list:

FREN*1200	[0.50]	French Language I
FREN*1300	[0.50]	French Language II
FREN*2020	[0.50]	France: Literature and Society
FREN*2500	[0.50]	French Translation I
FREN*2520	[0.50]	French Composition I
FREN*2550	[0.50]	Contemporary France
FREN*3090	[0.50]	Classics of French Literature
FREN*3500	[0.50]	French Translation II
FREN*3520	[0.50]	French Composition II
OR		
GERM*1100	[0.50]	Introductory German I
GERM*1110	[0.50]	Introductory German II
GERM*2010	[0.50]	Intermediate Language Practice
GERM*2490	[0.50]	Intermediate German
GERM*3150	[0.50]	Interactive German Language and Culture
OR		
HUMN*2020	[0.50]	Crime and Criminals in Italian Cinema
ITAL*1060	[0.50]	Introductory Italian I
ITAL*1070	[0.50]	Introductory Italian II
ITAL*2090	[0.50]	Intermediate Italian
ITAL*3400	[0.50]	Renaissance Lovers and Fools
ITAL*3700	[0.50]	Experiential Learning and Language
OR		
SPAN*1100	[0.50]	Introductory Spanish I
SPAN*1110	[0.50]	Introductory Spanish II
SPAN*2000	[0.50]	Intermediate Spanish I
SPAN*2010	[0.50]	Intermediate Spanish II
SPAN*2040	[0.50]	Culture of Spain
SPAN*2990	[0.50]	Hispanic Literary Studies
SPAN*3220	[0.50]	Literature and Arts I: Spain
SPAN*3500	[0.50]	Advanced Spanish I
- 1.50 credits; 0.50 credits from three of the following Groups A, B, C and D from the following list:

Group A

HIST*1010	[0.50]	Early Modern Europe
HIST*2200	[0.50]	The Medieval World
HIST*2510	[0.50]	Modern Europe Since 1789
HIST*2820	[0.50]	Modern France Since 1750
HIST*3230	[0.50]	Spain and Portugal, 1085 to 1668
HIST*3350	[0.50]	Modern Germany
HIST*3570	[0.50]	Women in Modern Europe
HIST*3750	[0.50]	The Reformation
HIST*3820	[0.50]	Early Modern France
HIST*4470	[0.50]	Special History Project Seminar I
HIST*4580	[1.00]	The French Revolution
HIST*4700	[1.00]	Premodern History

Group B

PHIL*2140	[0.50]	Ancient Greek Philosophy
PHIL*2160	[0.50]	Early Modern Philosophy: Reason vs. Experience
PHIL*3060	[0.50]	Medieval Philosophy
PHIL*3100	[0.50]	Kant and His Legacy
PHIL*3200	[0.50]	Continental Philosophy
PHIL*3360	[0.50]	Nineteenth Century Philosophy
POLS*2000	[0.50]	Political Theory
POLS*2100	[0.50]	Comparative Politics
POLS*2200	[0.50]	International Relations

POLS*3450	[0.50]	European Governments and Politics
Group C		
CLAS*1000	[0.50]	Introduction to Classical Culture
CLAS*2000	[0.50]	Classical Mythology
CLAS*2350	[0.50]	The Classical Tradition
EURO*3000	[0.50]	Revolution and the Fantastic in European Culture
EURO*4050	[0.50]	Contemporary Europe. New Landscapes in the Post-Cold War Era

FREN*3030	[0.50]	Good and Evil
FREN*3110	[0.50]	Storytelling in the Francophone World
FREN*3140	[0.50]	Women in Literature, Art and Film
FREN*3160	[0.50]	Songs, Lyrics and Poetry in French
FREN*3170	[0.50]	Fictions of Childhood
HIST*2850	[0.50]	Ancient Greece and Rome
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
HUMN*3020	[0.50]	Myth and Fairy Tales in Germany
HUMN*3400	[0.50]	Renaissance Lovers and Fools
HUMN*3470	[0.50]	Holocaust & WWII in German Lit. & Film

Note: Other Spanish literature courses may be counted in this section provided the course-content is European-centered. Please see the ESP coordinator for further information.

Group D

ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II
ARTH*2550	[0.50]	The Italian Renaissance
ARTH*2580	[0.50]	Late Modern Art: 1900-1950
ARTH*2600	[0.50]	Early Modern Art
ARTH*3320	[0.50]	Lives: Aspects of Western Art
ARTH*3330	[0.50]	Display: Visual Culture in Western Europe
ARTH*3340	[0.50]	Studies in Renaissance and Baroque Art
MUSC*1060	[0.50]	Amadeus to Zeppelin: Music and Culture I
MUSC*2010	[0.50]	The Musical Avant-Garde

Note: other Music history courses may be counted if students with knowledge of music are granted waivers by instructor. The substitution(s) must also be approved by the ESP coordinator.

European Studies (EURS)

Interdisciplinary Program

The European Studies program is designed for students who seek a career in International Relations - especially in International Business and Administration - between Canada and Europe. It offers a combination of languages, specially designed courses in European thought, letters and history and specialization in either European Business or European Culture and Civilization.

Successful completion of the European Studies major requires proficiency in one of the following languages (French, German, Italian or Spanish). In order to demonstrate language proficiency, students have two options: they may study for a year at a European University, in the country where their chosen core language is spoken, or they may write a final research paper in the chosen core language within a required fourth year European Studies course (see EURO*4740). It is highly recommended that students spend their third year studying at a European university, in the country where their chosen core language is spoken. The benefits of such an experience are considerable, both academically and personally. One specific academic outcome of a successful year abroad will be recognition that the student has fulfilled the program's core language requirement. For students who have spent one year studying at a European university in a country where their chosen core language is spoken, a course taken in that year involving a major academic paper or exam in the core language will, upon approval of the Co-ordinator of European Studies, be substituted for EURO*4740. See the Coordinator for the European Studies program for more information. See also the course description for EURO*4740.

Major (Honours Program)

A minimum of 12.00 credits is required, including:

5.00 credits in the three components of the European Studies core, 2.50 credits in one language, and 4.50 credits in either the European Culture and Civilization or the European Business Studies area of emphasis

Core Requirements

- | | | |
|-----------|--------|--|
| EURO*1100 | [0.50] | European Cinema |
| EURO*2200 | [0.50] | Towards European Modernism |
| EURO*3000 | [0.50] | Revolution and the Fantastic in European Culture |
| EURO*3300 | [0.50] | Violence and Culture in 20th C. Europe |
| EURO*4050 | [0.50] | Contemporary Europe. New Landscapes in the Post-Cold War Era |
- | | | |
|-----------|--------|---|
| EURO*4740 | [0.50] | Research Project in European Studies |
| HIST*2510 | [0.50] | Modern Europe Since 1789 |
| HROB*2090 | [0.50] | Individuals and Groups in Organizations |
| POLS*2200 | [0.50] | International Relations |
| POLS*3450 | [0.50] | European Governments and Politics |

Note: in order to demonstrate language proficiency, students must write a research paper (EURO*4740) in their core language unless they have spent one year studying at a European university, in the country where their chosen core language is spoken. Where that is the case, a course taken in that year involving a major academic paper of exam in the core language will, upon approval of the Co-ordinator for European Studies, EURO*4740.

2. 2.50 credits in one language:

FREN*1200	[0.50]	French Language I
FREN*1300	[0.50]	French Language II
FREN*2020	[0.50]	France: Literature and Society
FREN*2500	[0.50]	French Translation I
FREN*2520	[0.50]	French Composition I
FREN*2550	[0.50]	Contemporary France
FREN*3090	[0.50]	Classics of French Literature
FREN*3500	[0.50]	French Translation II
FREN*3520	[0.50]	French Composition II
OR		
GERM*1100	[0.50]	Introductory German I
GERM*1110	[0.50]	Introductory German II
GERM*2010	[0.50]	Intermediate Language Practice
GERM*2490	[0.50]	Intermediate German
GERM*3000	[0.50]	Narratives of Migration
GERM*3020	[0.50]	Myth and Fairy Tales in Germany
GERM*3150	[0.50]	Interactive German Language and Culture
GERM*3470	[0.50]	Holocaust & WWII in German Lit. & Film
OR		
HUMN*2020	[0.50]	Crime and Criminals in Italian Cinema
ITAL*1060	[0.50]	Introductory Italian I
ITAL*1070	[0.50]	Introductory Italian II
ITAL*2090	[0.50]	Intermediate Italian
ITAL*3700	[0.50]	Experiential Learning and Language
OR		
SPAN*1100	[0.50]	Introductory Spanish I
SPAN*1110	[0.50]	Introductory Spanish II
SPAN*2000	[0.50]	Intermediate Spanish I
SPAN*2010	[0.50]	Intermediate Spanish II
SPAN*2040	[0.50]	Culture of Spain
SPAN*2990	[0.50]	Hispanic Literary Studies
SPAN*3220	[0.50]	Literature and Arts I: Spain
SPAN*3500	[0.50]	Advanced Spanish I

Areas of Emphasis

European Business

Required courses:

ACCT*1220	[0.50]	Introductory Financial Accounting
ACCT*2230	[0.50]	Management Accounting
ECON*1050	[0.50]	Introductory Microeconomics
ECON*1100	[0.50]	Introductory Macroeconomics
MGMT*3320	[0.50]	Financial Management
MGMT*4000	[0.50]	Strategic Management

1.50 credits chosen from:

ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics
ECON*3730	[0.50]	The Origins of International Inequality
FARE*3310	[0.50]	Operations Management
FARE*4370	[0.50]	Food & Agri Marketing Management
FIN*2000	[0.50]	Introduction to Finance
FIN*3000	[0.50]	Investments
HROB*2200	[0.50]	Labour Relations
HROB*2290	[0.50]	Human Resources Management
HTM*1070	[0.50]	Responsible Tourism Policy and Planning
HTM*3030	[0.50]	Beverage Management
HTM*3160	[0.50]	Destination Management and Marketing
HTM*4050	[0.50]	Wine and Oenology
HTM*4170	[0.50]	International Tourism
MCS*1000	[0.50]	Introductory Marketing
MCS*2100	[0.50]	Personal Financial Management
MCS*2600	[0.50]	Fundamentals of Consumer Behaviour
MCS*3000	[0.50]	Advanced Marketing
MCS*3040	[0.50]	Business and Consumer Law
STAT*2060	[0.50]	Statistics for Business Decisions

European Culture and Civilization

Students must take 4.50 credits including at least 0.50 credits from each of the following four groups. The remaining 2.50 credits may be chosen from any of the courses in the four groups.

Group A

HIST*1010	[0.50]	Early Modern Europe
-----------	--------	---------------------

Revision:

HIST*2200	[0.50]	The Medieval World
HIST*2820	[0.50]	Modern France Since 1750
HIST*3230	[0.50]	Spain and Portugal, 1085 to 1668
HIST*3350	[0.50]	Modern Germany
HIST*3570	[0.50]	Women in Modern Europe
HIST*3750	[0.50]	The Reformation
HIST*3820	[0.50]	Early Modern France
HIST*4470	[0.50]	Special History Project Seminar I
HIST*4580	[1.00]	The French Revolution
HIST*4700	[1.00]	Premodern History

Group B

PHIL*2140	[0.50]	Ancient Greek Philosophy
PHIL*2160	[0.50]	Early Modern Philosophy: Reason vs. Experience
PHIL*3060	[0.50]	Medieval Philosophy
PHIL*3100	[0.50]	Kant and His Legacy
PHIL*3200	[0.50]	Continental Philosophy
PHIL*3360	[0.50]	Nineteenth Century Philosophy
POLS*1500	[0.50]	World Politics
POLS*2000	[0.50]	Political Theory
POLS*2100	[0.50]	Comparative Politics
POLS*3230	[0.50]	Modern Political Thought
POLS*3250	[0.50]	Public Policy: Challenges and Prospects
POLS*3370	[0.50]	Environmental Politics and Governance
POLS*3670	[0.50]	Comparative Public Policy
POLS*3790	[0.50]	International Political Economy
POLS*4340	[1.00]	Nationalism, State-building and Identity

Group C

CLAS*1000	[0.50]	Introduction to Classical Culture
CLAS*2000	[0.50]	Classical Mythology
CLAS*2350	[0.50]	The Classical Tradition
FREN*3030	[0.50]	Good and Evil
FREN*3110	[0.50]	Storytelling in the Francophone World
FREN*3140	[0.50]	Women in Literature, Art and Film
FREN*3160	[0.50]	Songs, Lyrics and Poetry in French
FREN*3170	[0.50]	Fictions of Childhood
HIST*2850	[0.50]	Ancient Greece and Rome
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
HUMN*3020	[0.50]	Myth and Fairy Tales in Germany
HUMN*3400	[0.50]	Renaissance Lovers and Fools
HUMN*3470	[0.50]	Holocaust & WWII in German Lit. & Film

Note: Other Spanish and Hispanic literature courses may be counted in this section provided the course-content is European-centered. Please see the ESP coordinator for further information.

Group D

ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II
ARTH*2550	[0.50]	The Italian Renaissance
ARTH*2580	[0.50]	Late Modern Art: 1900-1950
ARTH*2600	[0.50]	Early Modern Art
ARTH*3320	[0.50]	Lives: Aspects of Western Art
ARTH*3330	[0.50]	Display: Visual Culture in Western Europe
ARTH*3340	[0.50]	Studies in Renaissance and Baroque Art
MUSC*1060	[0.50]	Amadeus to Zeppelin: Music and Culture I
MUSC*2010	[0.50]	The Musical Avant-Garde

Note: Other music history courses may be counted if students with knowledge of music are granted waivers by instructor. The substitution(s) must also be approved by the ESP coordinator.

Study Abroad

Year 3 or year 4 will provide students with the opportunity to continue their studies abroad. Students will select up to 6.00 credits which can be included in the area of emphasis, as electives, or both. They are subject to approval by the program coordinator and the departmental advisor. Courses taken in Europe will not count towards the specialization average.

Practicum Opportunity:

EURO*3700 is available for those students wishing to participate in a practicum experience as part of the year abroad. The practicum must be a job or volunteer experience that contributes to the student's area of study and intended career. It must be approved in advance by the Coordinator. A final report, written in the student's chosen language, is a requirement of this course.

Family and Child Studies (FCS)

Department of Family Relations and Applied Nutrition, College of Social and Applied Human Sciences

Family and Child Studies is offered as a minor in the honours program. It is designed to provide students with an opportunity to pursue interdisciplinary studies which have a specific focus on human development over the life span and on the applied questions which relate to the needs of children and the functioning of families. Elective courses may be chosen to emphasize the family, the child, or a combination of the two. Students seeking counselling should consult with a faculty advisor in the Department of Family Relations and Applied Nutrition.

Students who wish to declare the FCS minor, must have a cumulative average of 70% or better in the following foundation courses:

FRHD*1010	[0.50]	Human Development
FRHD*1020	[0.50]	Couple and Family Relationships
NUTR*1010	[0.50]	Introduction to Nutrition

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

FRHD*1010	[0.50]	Human Development
FRHD*1020	[0.50]	Couple and Family Relationships
FRHD*2270	[0.50]	Development in Early and Middle Childhood
FRHD*3040	[0.50]	Parenting and Intergenerational Relationships
NUTR*1010	[0.50]	Introduction to Nutrition

A further 2.50 credits selected from the following, at least 1.00 of which must be at the 3000 level:

ANTH*2660	[0.50]	Contemporary Indigenous Peoples in Canada *
ANTH*3770	[0.50]	Kinship, Family, and Power *
FRHD*2060	[0.50]	Adult Development and Aging
FRHD*2100	[0.50]	Development of Human Sexuality
FRHD*2110	[0.50]	Children and Youth with Exceptionalities
FRHD*2260	[0.50]	Infant Development
FRHD*2280	[0.50]	Adolescent Development
FRHD*3060	[0.50]	Principles of Social Gerontology
FRHD*3090	[0.50]	Poverty and Health
FRHD*3400	[0.50]	Communication and Counselling Skills
HIST*3200	[0.50]	Youth in History
NUTR*2050	[0.50]	Nutrition Through the Life Cycle
NUTR*3150	[0.50]	Aging and Nutrition

Note: PSYC*2450 may be substituted for FRHD*2270; PSYC*3450 or SOAN*3100 may be substituted for FRHD*3040.

Note: PSYC majors who have taken one or more of the following PSYC courses can count them towards the further 2.50 credits required for the minor: PSYC*2310, PSYC*3300, PSYC*3490, PSYC*3570, PSYC*3800, PSYC*3850.

* **Note:** Courses marked with an asterisk* may require the completion of additional prerequisites not included in the requirements for the Family and Child Studies minor. Students should consult the most recent Undergraduate Calendar (Chapter XII – Course Descriptions) for specific prerequisites.

Note: Students from other institutions who transfer to the University of Guelph and wish to declare the FCS minor must also meet the cumulative average requirement. If an external transfer student is granted credit for one or more of the foundation courses listed above, then they must attain a cumulative average of 70% or better in the remaining required FCS foundation courses.

Food, Agricultural and Resource Economics (FARE)

Department of Food, Agricultural and Resource Economics, Ontario Agricultural College

Food and Agriculture connect people with the world's natural resource base and are at the heart of global issues. In this major, students will acquire the analytical and management skills needed to develop the capacity to effectively deal with emerging issues and challenges, such as food, security and sustainability. Building on the understanding of economic theory and applied methods in both the Canadian and world context, a variety of job opportunities arise in industry, government agencies and non-governmental organizations.

Beyond the core offering, the major provides the flexibility for students to pursue thematic areas of study, as well as an opportunity to take additional liberal arts courses. In addition, this major provides excellent background for those students planning to undertake graduate work in food, agricultural or resource economics and other fields of applied economics.

Major (Honours Program)

A minimum of 11.00 credits, consisting of the 9.50 credits specified below plus 1.50 credits of restricted electives, is required, including:

ACCT*1220	[0.50]	Introductory Financial Accounting
AGR*1110	[1.00]	Introduction to the Agri-Food Systems
FARE*1300	[0.50]	Poverty, Food & Hunger
FARE*1400	[1.00]	Economics of the Agri-Food System
FARE*2410	[0.50]	Agri-food Markets and Policy
FARE*2700	[0.50]	Survey of Natural Resource Economics
FARE*3030	[0.50]	The Firm and Markets
FARE*4000	[0.50]	Agricultural and Food Policy
ECON*1050	[0.50]	Introductory Microeconomics

ECON*1100	[0.50]	Introductory Macroeconomics
ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics
ECON*2740	[0.50]	Economic Statistics
ECON*2770	[0.50]	Introductory Mathematical Economics
ECON*3740	[0.50]	Introduction to Econometrics

One of:

FARE*3170	[0.50]	Cost-Benefit Analysis
FARE*4360	[0.50]	Marketing Research
FARE*4500	[0.50]	Decision Science

One of:

MATH*1030	[0.50]	Business Mathematics
MATH*1080	[0.50]	Elements of Calculus I
MATH*1200	[0.50]	Calculus I

1.50 additional credits, at least of which 0.50 credits must be at the 4000 level, chosen from the following list of thematic streams with the Food, Agricultural and Resource Economics specialization:

Food and Agribusiness Management:

FARE*4220	[0.50]	Advanced Agribusiness Management
FARE*4240	[0.50]	Futures and Options Markets
FARE*4370	[0.50]	Food & Agri Marketing Management
MGMT*3320	[0.50]	Financial Management

International Agricultural Development Economics:

ECON*2650	[0.50]	Introductory Development Economics
FARE*3250	[0.50]	Food and International Development
FARE*4210	[0.50]	World Agriculture, Food Security and Economic Development

Resource Economics:

ECON*4930	[0.50]	Environmental Economics
FARE*4290	[0.50]	Land Economics
FARE*4310	[0.50]	Resource Economics

Notes: A student may obtain permission to substitute certain other courses for the ones listed if the substitute courses fit with the students program. Approval from a departmental advisor is required.

Unless taken to satisfy the requirements of another program, no student may receive credit in this program for more than one of the following statistics prerequisites ECON*2740, STAT*2040, STAT*2060, or STAT*2080.

French Studies (FREN)

School of Languages and Literatures, College of Arts

All language courses carry 0.50 credits. Please note that students with Ontario Grade 12 credit or its equivalent in French are not normally admitted into FREN*1090, FREN*1100 or FREN*1150. Francophone students usually start the program with second-year courses conditional upon approval by the Faculty Advisor. Students who are exempt from FREN*1200 and/or FREN*1300 will need to substitute higher level French course(s) in order to complete the required number of credits for their program. Under certain circumstances, 0.50 credits from other courses offered in the School of Languages and Literatures which contain material related to French Studies may be counted. Please see the faculty advisor for French Studies for more information. Students majoring in French are advised to take elective courses in another Romance language and in Latin.

It is also recommended that students include LING*1000 among the electives in order to derive the maximum benefit from their studies. Except where stated otherwise, literary texts are, at all levels, studied in the original language. Students registering in French courses are expected to have the appropriate academic background.

Area of Concentration (General Program)

A minimum of 5.00 French credits taught in French is required, including:

FREN*1200	[0.50]	French Language I
FREN*1300	[0.50]	French Language II
FREN*2020	[0.50]	France: Literature and Society
FREN*2060	[0.50]	Quebec: Literature and Society
FREN*2520	[0.50]	French Composition I

2.50 additional credits in French

Major (Honours Program)

A minimum of 8.00 French credits taught in French is required, including:

FREN*1200	[0.50]	French Language I
FREN*1300	[0.50]	French Language II
FREN*2020	[0.50]	France: Literature and Society
FREN*2060	[0.50]	Quebec: Literature and Society
FREN*2520	[0.50]	French Composition I

at least 1.50 credits at the 4000 level

4.00 additional credits in French

Minor (Honours Program)

A minimum of 5.00 French credits taught in French is required, including:

FREN*1200	[0.50]	French Language I
FREN*1300	[0.50]	French Language II

FREN*2020	[0.50]	France: Literature and Society
FREN*2060	[0.50]	Quebec: Literature and Society
FREN*2520	[0.50]	French Composition I

2.50 additional credits in French

Notes:

1. Students are strongly urged to take at least 0.50 language credits each semester and they must plan to take a 4th year course in their 3rd year.
2. Students of French are encouraged to take advantage of the French residence on this campus. Applications for accommodation in the Maison Française should be made well in advance of registration.
3. FREN*1090, FREN*1100, FREN*1150, are not counted toward a specialization in French.
4. Native speakers of French (or non-francophone equivalent) will not normally be admitted into FREN*1200 and FREN*1300. It is recommended they start their program with FREN*2020, FREN*2060, FREN*2500, or FREN*2520 with the approval of the Faculty Advisor.

Studies in Quebec or Abroad

The French program encourages students to spend 1 or 2 semesters in a French-speaking province or country, or to pursue their studies in an immersion program at the university level. A letter of permission is required (see Section VIII--Undergraduate Degree Regulations & Procedures). Students may also take advantage of federal-provincial programs such as the Explore program or the Ontario Rhone-Alps summer language course.

Year in Nice

A special year-long program in Nice, France, is offered to Guelph students at semester levels 5 and 6. All courses for which transfer credits have been arranged are credited at Guelph without the need for letters of permission; students pay only Guelph academic fees and are eligible for OSAP. For further information see the Head of French Studies.

Geography (GEOG)

Department of Geography, Environment and Geomatics, College of Social and Applied Human Sciences

Students in the Geography Major study human interactions with the environment across geographic scales, from local to global. Within the program of studies students take courses in the physical and social sciences and are able to pursue a particular line of interest, for example in environmental conservation, climate change, environmental justice, food security, geomorphology, urban-rural change, or watershed management.

The 1000 level courses provide a foundation for the Geography programs and are prerequisites or are strongly recommended for many of the 2000 level courses. The 2000 level systematic courses are prerequisite to the corresponding advanced courses at the 3000 and 4000 level. Geography B.A. Honours Majors are eligible to take the B.Sc. Honours program Minor in Geographic Information Systems and Environmental Analysis which is described in the schedule of studies (Section X).

All Geography students are encouraged to consult with a faculty advisor regarding course selection, especially those students contemplating graduate or professional programs of study following completion of the honours program.

The department also offers a B.A. Honours in Environmental Governance, a B.Sc. Honours in Environmental Geomatics, and a B.Sc.Env. Honours in Environment and Resource Management. Each program is described in the schedule of studies (Section X).

The following courses may be counted as Geography credits: ENVS*2030, ENVS*2060, ENVS*4220, GEOL*2150, MET*2030, SOIL*2010.

Area of Concentration (General Program)

A minimum of 5.00 credits in Geography is required, including:

GEOG*1200	[0.50]	Society and Space
GEOG*1220	[0.50]	Human Impact on the Environment
GEOG*1300	[0.50]	Introduction to the Biophysical Environment

Two of:

GEOG*2000	[0.50]	Geomorphology
GEOG*2110	[0.50]	Climate and the Biophysical Environment
GEOG*2210	[0.50]	Environment and Resources
GEOG*2230	[0.50]	Commodity Chains and Cultures of Consumption
GEOG*2260	[0.50]	Applied Human Geography

One of:

GEOG*2460	[0.50]	Analysis in Geography
GEOG*2480	[0.50]	Mapping and GIS

2.00 credits at the 3000 level or above

Major (Honours Program)

A minimum of 9.00 credits in Geography is required, including:

GEOG*1200	[0.50]	Society and Space
GEOG*1220	[0.50]	Human Impact on the Environment
GEOG*1300	[0.50]	Introduction to the Biophysical Environment
GEOG*2000	[0.50]	Geomorphology
GEOG*2110	[0.50]	Climate and the Biophysical Environment

GEOG*2210	[0.50]	Environment and Resources
GEOG*2230	[0.50]	Commodity Chains and Cultures of Consumption
GEOG*2260	[0.50]	Applied Human Geography
GEOG*2460	[0.50]	Analysis in Geography
GEOG*2480	[0.50]	Mapping and GIS
GEOG*3480	[0.50]	GIS and Spatial Analysis
GEOG*4880	[0.50]	Contemporary Geographic Thought

3.00 additional credits in Geography at the 3000 level or above including at least 1.50 credits at the 4000 level.

Minor (Honours Program)

A minimum of 5.00 credits in Geography is required, including:

Two of:

GEOG*1200	[0.50]	Society and Space
GEOG*1220	[0.50]	Human Impact on the Environment
GEOG*1300	[0.50]	Introduction to the Biophysical Environment

Two of:

GEOG*2000	[0.50]	Geomorphology
GEOG*2110	[0.50]	Climate and the Biophysical Environment
GEOG*2210	[0.50]	Environment and Resources
GEOG*2230	[0.50]	Commodity Chains and Cultures of Consumption

One of:

GEOG*2260	[0.50]	Applied Human Geography
GEOG*2460	[0.50]	Analysis in Geography
GEOG*2480	[0.50]	Mapping and GIS

2.50 credits in Geography at the 3000 or 4000 level, 0.50 of which must be at the 4000 level.

German (GERM)

School of Languages and Literatures, College of Arts

All language courses carry 0.50 credits. Students with two years of high school German or equivalent may not be admitted into GERM*1100. Students with 12U German credit or its equivalent may be admitted into GERM*1110 only with the approval of the department. All language students are advised to include LING*1000 among their electives in order to derive the maximum benefit from their studies. Except where stated otherwise, literary texts are, at all levels, studied in the original language. Students registering in these courses will be expected to have the appropriate knowledge.

Study Abroad

The School of Languages and Literatures encourages students in the German program to spend 1 or 2 semesters in a German speaking country to continue their studies at the University level. Credit for programs of study successfully completed may be applied towards the University of Guelph degree requirements.). For more information, contact the [Centre for International Program](#) or the School of Languages and Literatures.

Minor (Honours Program)

A minimum of 5.00 credits in German is required from the following courses:

GERM*1100	[0.50]	Introductory German I
GERM*1110	[0.50]	Introductory German II
GERM*2010	[0.50]	Intermediate Language Practice
GERM*2490	[0.50]	Intermediate German
GERM*3000	[0.50]	Narratives of Migration
GERM*3020	[0.50]	Myth and Fairy Tales in Germany
GERM*3150	[0.50]	Interactive German Language and Culture
GERM*3470	[0.50]	Holocaust & WWII in German Lit. & Film
GERM*3600	[0.50]	Directed Readings in German Studies
GERM*3700	[0.50]	Experiential Learning and Language
GERM*4940	[0.50]	Research Paper in German Studies

Upon passing both the German designation and its Humanities co-requisites, students may count HUMN*3000, HUMN*3020 and HUMN*3470 toward the German minor.

Students may also count 0.50 credit toward the German minor from:

ARTH*2950	[0.50]	Baroque Art
HIST*3350	[0.50]	Modern Germany
HUMN*1030	[0.50]	What Makes a Literary Classic?
LING*1000	[0.50]	Introduction to Linguistics
PHIL*3100	[0.50]	Kant and His Legacy
PHIL*3360	[0.50]	Nineteenth Century Philosophy

Students enrolled in the German program must contact the School of Languages and Literatures for an up-to-date sequence of course offerings.

History (HIST)

Department of History, College of Arts

Courses marked (H) are designed as honours courses.

Access to all 4000 level history courses is restricted to students in the B.A. Honours program who have completed at least 10.00 university credits and who have achieved at least a 70% average in all history course attempts. Students in a general program wishing to take these courses must obtain the permission of instructors concerned. Students wishing to take a 3000-level course must have completed at least 7.50 credits in university courses.

Students wishing to take a 2000-level course must have completed at least 2.00 credits in university courses. The History Department advises students entering semester 2 who wish to take a 2000-level course to enroll in one of the core courses (HIST*2100, HIST*2450 and HIST*2600) that offer additional instructional support. Students should note the prerequisite requirements of upper level courses in planning their individual programs

Area of Concentration (General Program)

A minimum of 5.00 credits in History is required as follows:

Core Requirements – 1.50 credits

1. required courses
- HIST*1050

[0.50]

Invitation to History
- HIST*2450

[0.50]

The Practising Historian
2. one of the following courses:
- HIST*1010

[0.50]

Early Modern Europe
- HIST*1150

[0.50]

The Modern World
- HIST*1250

[0.50]

Science and Technology in a Global Context

History Electives – 3.50 credits

3. 1.50 credits at the 3000-level (excluding HIST*3470 and HIST*3480)
4. 2.00 additional credits in History

Note: With the permission of the department, students may select as part of their program 0.50 credits outside the History Department such as ECON*2420, ECON*3730, EURO*4050.

Major (Honours Program)

A minimum of 8.50 credits in History courses is required as follows:

Core Requirements – 2.00 credits

1. required courses
- HIST*1050

[0.50]

Invitation to History
- HIST*2450

[0.50]

The Practising Historian
2. one of the following courses:
- HIST*1010

[0.50]

Early Modern Europe
- HIST*1150

[0.50]

The Modern World
- HIST*1250

[0.50]

Science and Technology in a Global Context
3. one of the following courses:
- HIST*2100

[0.50]

Pre-Confederation Canada
- HIST*2600

[0.50]

Post-Confederation Canada

History Electives:

4. 2.00 credits at the 4000-level
5. 4.50 additional credits in History

Distribution requirements for the major:

History courses must be chosen to ensure that 0.50 credit is completed in each of the following fields (see list of acceptable courses below):

- Premodern History
- Global History

Note: Honours students in History may, with the permission of the department, take up to 1.00 credits from outside the department such as ECON*2420, ECON*3730, EURO*4050.

Minor (Honours Program)

A minimum of 5.00 credits in History courses is required as follows:

Core Requirements – 2.00 credits

1. required courses
- HIST*1050

[0.50]

Invitation to History
- HIST*2450

[0.50]

The Practising Historian
2. one of the following courses:
- HIST*1010

[0.50]

Early Modern Europe
- HIST*1150

[0.50]

The Modern World
- HIST*1250

[0.50]

Science and Technology in a Global Context
3. one of the following courses:
- HIST*2100

[0.50]

Pre-Confederation Canada
- HIST*2600

[0.50]

Post-Confederation Canada

History Electives:

4. at least 1.00 credits at the 3000 or 4000 level
5. 2.00 additional credits in History

Distribution requirements for the minor:

History courses must be chosen to ensure that 0.50 credit is completed in each of the following fields (see list of acceptable courses below):

- Premodern History
- Global History

Distribution Requirements

List of Premodern Courses

HIST*1010	[0.50]	Early Modern Europe
HIST*2000	[0.50]	The British Isles, 1066-1603
HIST*2190	[0.50]	Celtic Ireland and Britain in the Early Middle Ages
HIST*2200	[0.50]	The Medieval World
HIST*2850	[0.50]	Ancient Greece and Rome
HIST*2890	[0.50]	Early Islamic World
HIST*3140	[0.50]	Witch-hunts and Popular Culture
HIST*3230	[0.50]	Spain and Portugal, 1085 to 1668
HIST*3520	[0.50]	The Vikings: Early Medieval Encounters
HIST*3590	[0.50]	Ancient & Medieval India
HIST*3750	[0.50]	The Reformation
HIST*3820	[0.50]	Early Modern France
HIST*3840	[0.50]	Ottoman Empire, 1300-1923
HIST*4140	[1.00]	Sexuality in the Middle Ages
HIST*4700	[1.00]	Premodern History

List of Global Courses

HIST*1150	[0.50]	The Modern World
HIST*2340	[0.50]	Slavery and Migrations in the Atlantic World, 1500-1850
HIST*2890	[0.50]	Early Islamic World
HIST*2910	[0.50]	Modern Asia
HIST*2920	[0.50]	Republican Latin America
HIST*2930	[0.50]	Women and Cultural Change
HIST*3070	[0.50]	Modern India
HIST*3150	[0.50]	History and Culture of Mexico
HIST*3320	[0.50]	Modern China
HIST*3360	[0.50]	History and Culture of Brazil
HIST*3380	[0.50]	British Imperialism in Asia and Africa
HIST*3410	[0.50]	Religion in 19th-Century Africa
HIST*3460	[0.50]	Natural Disasters in Global History
HIST*3580	[0.50]	Women's History in Asia
HIST*3590	[0.50]	Ancient & Medieval India
HIST*3830	[0.50]	Modern Middle East
HIST*3840	[0.50]	Ottoman Empire, 1300-1923
HIST*3910	[0.50]	Religion in Africa Since 1900
HIST*4100	[1.00]	Africa and the Slave Trades
HIST*4120	[1.00]	Topics in Global History
HIST*4270	[1.00]	Topics in Modern Asia
HIST*4820	[1.00]	Images, Conflict and Politics in the Middle East

Notes: Students are encouraged to consult with the department to see if a course not mentioned on the premodern or global lists fulfils that distribution requirement.

Students considering graduate work are advised to take 2.00 - 3.00 additional upper level History credits and should be aware that reading knowledge of a foreign language is a requirement of many History graduate programs.

Human Resources (HR)

Department of Management, Gordon S. Lang School of Business and Economics

The Minor in Human Resources focuses on developing the broad set of knowledge and skills expected of human resources professionals. The courses are unique, varied and relevant to students who are interested in pursuing careers in business, management, psychology, industrial relations, law or other related fields.

In addition to the general overview, students develop the following nine competency areas:

- Human Resource Management
- Organizational Behaviour
- Finance and Accounting
- Human Resources Planning
- Occupational Health and Safety
- Training and Development
- Labour Relations
- Recruitment and Selection
- Compensation

The courses in the Minor in HR satisfy the course requirements for the Certified Human Resources Leader (“CHRL”) designation.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ACCT*1220	[0.50]	Introductory Financial Accounting
ACCT*2230	[0.50]	Management Accounting
HROB*2090	[0.50]	Individuals and Groups in Organizations
HROB*2200	[0.50]	Labour Relations
HROB*2290	[0.50]	Human Resources Management
HROB*3010	[0.50]	Compensation Systems
HROB*3030	[0.50]	Occupational Health and Safety
HROB*3070	[0.50]	Recruitment and Selection

HROB*3090	[0.50]	Training and Development
HROB*4060	[0.50]	Human Resource Planning

Individual Studies (IS)

Interdisciplinary Program

B.A. Counselling Office, Room 130, MacKinnon Building, Ext. 52140.

Honours B.A. students have the option of doing an Individual Studies Major. Students in the Individual Studies Major have the opportunity to determine the goals and methods of their studies. Areas of study can include courses in any of the colleges and where the University of Guelph has faculty expertise to assist students. Students are encouraged to develop an interdisciplinary perspective, and to explore the methods of inquiry which provide depth of knowledge in a specific subject.

A student submitting a proposal for the Individual Studies Major must submit the complete proposal to the B.A. Program Counsellor before the third week of classes of semester four. The B.A. Program Committee will consider proposals once, and will approve, approve with revisions, or deny the proposal. Proposals cannot be resubmitted.

Proposals will not be considered unless they articulate a detailed rationale for a coherent program of studies that is significantly different from any existing major and minor combination at the University of Guelph, and unless the proposal meets the following criteria:

- minimum of 9.00 credits
- minimum of 4.00 credits at the 3000 level and above, including at least 1.00 credits at the 4000 level
- minimum of 1.00 credits in methods and/or theory
- maximum of 1.50 credits at the 1000 level
- a senior level Directed Readings or Special Project course must be completed. When appropriate, the Committee will identify a faculty member as the supervisor for a student's course of study.

A student wishing to submit a proposed program of studies for the Individual Studies Major must prepare a proposal that will include the following:

- a clear statement of theme or areas of study
- a clear statement of the contribution of the major to a post-graduation field of work or study
- a clearly set out rationale for inclusion of the specific courses and how they relate to or develop the theme or areas of study
- a list of required "core" courses and "restricted electives" following the above criteria. When proposing core and restricted elective credits, students should keep in mind the prerequisites for their desired 3000 and 4000 level courses

Note: Students undertaking the Individual Studies Major must fulfill the requirements of the B.A. Honours Program as set out in Section X. The B.A. Program Counsellor is the academic counsellor. The Individual Studies designation will appear on the student's transcript upon graduation, but the title or subject of the major will not.

International Development Studies (IDS)

Interdisciplinary Program

International Development Studies, College of Social and Applied Human Sciences

The program in International Development Studies (IDS) explores the nature and impacts of economic and social development, in Canada and across the globe, from an interdisciplinary perspective. It equips students with the theoretical understanding and analytical and practical skills needed to bring about positive and inclusive change in the world. Students completing a degree in IDS have the skills to tackle complex global problems as needed to promote social justice as citizens and in careers across the public and private sectors and in civil society organizations.

The IDS program provides students with the opportunity to engage with international development practitioners in Canada and internationally. Furthermore, they are equipped with the skills needed for effective engagement whilst as students and in their life beyond university.

Students select an area of emphasis that enables them to explore an issue of particular interest using the skills they develop in the core part of the program. This area of emphasis is selected by the end of the 4th academic semester of study.

International Development Studies students are encouraged to learn another language and to participate in relevant learning experiences beyond the IDS program, including study, work or volunteering in Canada and internationally. In addition to the required core courses and the chosen area of emphasis, students are encouraged to take electives that complement their degree and enhance their analytical and communication skills. See the [GIDS website](#) for more information on these opportunities and students can get more information from their academic advisor.

Students with a minimum cumulative average of 80% in courses that constitute the IDS major may complete a thesis (IDEV*4100 and IDEV*4150) under the supervision of an ID-affiliated faculty member.

Major (Honours Program)

A minimum of 10.50 credits is required, including:

- 8.00 core course requirements

2.50 credits in one of four areas of emphasis

Core Requirements - 8.00 credits

ECON*1050	[0.50]	Introductory Microeconomics
ECON*1100	[0.50]	Introductory Macroeconomics
IDEV*1000	[0.50]	Understanding Development and Global Inequalities
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
IDEV*2100	[0.50]	Research in International Development
IDEV*2300	[0.50]	Theoretical Perspectives on Development
IDEV*2400	[0.50]	Development, Social Justice and Human Rights
IDEV*3000	[0.50]	Poverty and Inequality
IDEV*3100	[0.50]	Achieving Sustainable Development
IDEV*3300	[0.50]	Engaging in Development Practice
IDEV*3400	[0.50]	Managing and Evaluating Change in Development
IDEV*4000	[1.00]	Development in Action
IDEV*4600	[0.50]	Advocating and Effecting Change in Development Policy and Practice

Two of:

ECON*2650	[0.50]	Introductory Development Economics
GEOG*3050	[0.50]	Development and the City
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3790	[0.50]	International Political Economy
SOAN*3680	[0.50]	Perspectives on Development

Areas of Emphasis - 2.50 credits

Choose one of the following four Area of Emphasis:

- Agriculture and Food Security
- Development in the Canadian Context
- Development in Fragile Contexts
- Environment and Sustainable Development

Agriculture and Food Security

This area of emphasis focuses on the nature of food security from the local to global levels. It explores the role of agriculture and the wider agri-food system in promoting food security towards the eradication of hunger and improved nutrition and health. Throughout, this area of emphasis reflects critically on the role of diverse actors and alternative approaches through which food security can be enhanced, empowering students to bring about positive, inclusive and sustainable change in agri-food systems locally and globally.

AGR*2150	[0.50]	Plant Agriculture for International Development
FARE*1300	[0.50]	Poverty, Food & Hunger

1.50 credits from the following:

AGR*2500	[0.50]	Field Course in International Agriculture
ANTH*4550	[0.50]	Topics in the Anthropology of Health
ENVS*2130	[0.50]	Eating Sustainably in Ontario
FARE*3250	[0.50]	Food and International Development
FARE*4210	[0.50]	World Agriculture, Food Security and Economic Development
GEOG*3320	[0.50]	Food Systems: Issues in Security and Sustainability
HIST*3240	[0.50]	Food History
IDEV*4100	[0.50]	Thesis in International Development Studies I
IDEV*4150	[0.50]	Thesis in International Development Studies II
SOC*4420	[0.50]	Sociology of Food

Development in the Canadian Context

This area focuses on development predominantly through the case of Canada. Issues that might be explored include: poverty, global migration, inequality, Indigenous-settler relations and food insecurity. It reflects the fact that development problems are found in all parts of the world and solutions to them must recognize the ways in which they are interconnected and distinctive. This area of emphasis aims to empower students to bring about positive, inclusive and sustainable change within Canada, and the rest of the affluent world.

ANTH*2660	[0.50]	Contemporary Indigenous Peoples in Canada
POLS*2300	[0.50]	Canadian Government and Politics

1.50 credits from the following:

GEOG*2510	[0.50]	Canada: A Regional Synthesis
HIST*2090	[0.50]	Indigenous Peoples of the Americas
HIST*3390	[0.50]	Governments and Indigenous Spaces
HIST*3660	[0.50]	Canadian Social History
IDEV*4100	[0.50]	Thesis in International Development Studies I
IDEV*4150	[0.50]	Thesis in International Development Studies II
POLS*3140	[0.50]	Canadian Charter of Rights and Freedoms
SOAN*4210	[0.50]	Indigenous-Settler Relations in Canadian Society
SOAN*4220	[0.50]	Gender and Change in Rural Canada
SOAN*4260	[0.50]	Migration, Inequality and Social Change

Development in Fragile Contexts

This area focuses on development in the context of institutionally weak and/or unstable countries and regions. It explores issues associated with state fragility and failure, institutional development, post-conflict rebuilding and social insecurity. It also considers issues of migration, conflict, social change, and post colonialism. An overarching theme is the need for, and role of, distinct development strategies in fragile contexts, with the aim of empowering students to bring about positive, inclusive and sustainable change in some of the most challenging development contexts globally.

POLS*3490 [0.50] Conflict and Conflict Resolution

One of:

POLS*2100 [0.50] Comparative Politics
POLS*2200 [0.50] International Relations

1.50 credits from the following:

ANTH*4440 [0.50] Culture, Rights and Development
HIST*3270 [0.50] Revolution in the Modern World
IDEV*4100 [0.50] Thesis in International Development Studies I
IDEV*4150 [0.50] Thesis in International Development Studies II
POLS*3000 [0.50] Politics of Africa
POLS*3060 [0.50] Politics of the Middle East and North Africa
POLS*3080 [0.50] Politics of Latin America
POLS*4340 [1.00] Nationalism, State-building and Identity
SOAN*3130 [0.50] Protest, Resistance, and Collective Action
SOAN*4260 [0.50] Migration, Inequality and Social Change

Environment and Sustainable Development

This area of emphasis focuses on the relations between environmental change and natural resources and sustainable development. It explores the ways in which the environment and natural resources impact development, and the development challenges posed by environmental change and natural resource use locally and globally. Topics might include urbanization, erosion, natural disasters, water, natural resource, land use and climate change. Particular focus is put on approaches to development that are sustainable and address challenges associated with environmental change and natural resource use. This area of emphasis aims to empower students to bring about positive change that promotes inclusive and sustainable development locally and globally.

GEOG*2030 [0.50] Environment and Development

SOC*2280 [0.50] Society and Environment

1.50 credits from the following:

ECON*2100 [0.50] Economic Growth and Environmental Quality
ENVS*2120 [0.50] Introduction to Environmental Stewardship
FARE*2700 [0.50] Survey of Natural Resource Economics
GEOG*3020 [0.50] Global Environmental Change
GEOG*3090 [0.50] Gender and Environment
HIST*3460 [0.50] Natural Disasters in Global History
IDEV*4100 [0.50] Thesis in International Development Studies I
IDEV*4150 [0.50] Thesis in International Development Studies II
POLS*3370 [0.50] Environmental Politics and Governance
SOAN*4250 [0.50] Energy and Society

Area of Concentration (General Program)

A minimum of 5.00 credits is required, including:

ECON*1050 [0.50] Introductory Microeconomics
ECON*1100 [0.50] Introductory Macroeconomics
IDEV*1000 [0.50] Understanding Development and Global Inequalities
IDEV*2000 [0.50] The Development Landscape: Actors and Institutions
IDEV*2300 [0.50] Theoretical Perspectives on Development

Two of:

IDEV*2400 [0.50] Development, Social Justice and Human Rights
IDEV*3000 [0.50] Poverty and Inequality
IDEV*3100 [0.50] Achieving Sustainable Development
IDEV*3400 [0.50] Managing and Evaluating Change in Development
IDEV*4600 [0.50] Advocating and Effecting Change in Development Policy and Practice

One of:

ECON*2650 [0.50] Introductory Development Economics
GEOG*3050 [0.50] Development and the City
POLS*3320 [0.50] Politics of Aid & Development
POLS*3790 [0.50] International Political Economy
SOAN*3680 [0.50] Perspectives on Development

A minimum of 1.00 credits taken from any of the four areas of emphasis of the Major, at least 0.50 being at the 3000 or 4000 levels.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ECON*1050 [0.50] Introductory Microeconomics
ECON*1100 [0.50] Introductory Macroeconomics
IDEV*1000 [0.50] Understanding Development and Global Inequalities
IDEV*2000 [0.50] The Development Landscape: Actors and Institutions
IDEV*2300 [0.50] Theoretical Perspectives on Development

Two of:

IDEV*2400 [0.50] Development, Social Justice and Human Rights
IDEV*3000 [0.50] Poverty and Inequality
IDEV*3100 [0.50] Achieving Sustainable Development
IDEV*3400 [0.50] Managing and Evaluating Change in Development
IDEV*4600 [0.50] Advocating and Effecting Change in Development Policy and Practice

One of:

ECON*2650 [0.50] Introductory Development Economics
GEOG*3050 [0.50] Development and the City
POLS*3320 [0.50] Politics of Aid & Development
POLS*3790 [0.50] International Political Economy
SOAN*3680 [0.50] Perspectives on Development

A minimum of 1.00 credits taken from any of the four areas of emphasis of the Major, at least 0.50 being at the 3000 or 4000 levels.

International Development Studies (Co-op) (IDS:C)

Interdisciplinary Program

International Development Studies, College of Social and Applied Human Sciences

The program in International Development Studies (IDS) explores the nature and impacts of economic and social development, in Canada and across the globe, from an interdisciplinary perspective. It equips students with the theoretical understanding and analytical and practical skills needed to bring about positive and inclusive change in the world. Students completing a degree in IDS have the skills to tackle complex global problems as needed to promote social justice as citizens and in careers across the public and private sectors and in civil society organizations.

The IDS program provides students with the opportunity to engage with international development practitioners in Canada and internationally. Furthermore, they are equipped with the skills needed for effective engagement whilst as students and in their life beyond university.

Students select an area of emphasis that enables them to explore an issue of particular interest using the skills they develop in the core part of the program. This area of emphasis is selected by the end of the 4th academic semester of study.

International Development Studies students are encouraged to learn another language and to participate in relevant learning experiences beyond the IDS program, including study, work or volunteering in Canada and internationally. In addition to the required core courses and the chosen area of emphasis, students are encouraged to take electives that complement their degree and enhance their analytical and communication skills. See the [GIDS website](#) for more information on these opportunities or talk to your academic advisor.

Students with a minimum cumulative average of 80% in courses that constitute the IDS major may complete a thesis (IDEV*4100 and IDEV*4150) under the supervision of an ID-affiliated faculty member.

Program Requirements

The Co-op program in International Development is a four and a half year program, including four work terms. Students must complete a Fall, Winter and Summer work term, and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: <https://www.recrutguelp.ca/cecs/>). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

International Development Academic and Co-op Work Term Schedule

Year	Fall	Winter	Summer
1	Academic Semester 1	Academic Semester 2	Off
2	Academic Semester 3 COOP*1100	Academic Semester 4	COOP*1000 Work Term I
3	COOP*2000 Work Term II	Academic Semester 5	Academic Semester 6
4	Academic Semester 7	COOP*3000 Work Term III	COOP*4000 Work Term IV
5	Academic Semester 8	N/A	N/A

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (21.50 Total Credits)*

8.00 - Required Core Courses

2.50 - Credits in one of four areas of emphasis

9.50 - Electives

1.50 - Co-op Work Terms

Note: A minimum of three Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. *A fourth Co-op work term is optional and if completed, the total number of credits will equal 22.00

The recommended program sequence is outlined below.

Major (Honours Program)

A minimum of 10.50 credits is required, including:

- 8.00 core course requirements
- 2.50 credits in one of four areas of emphasis

Agriculture and Food (Area of Emphasis)

Semester 1 - Fall

ECON*1050	[0.50]	Introductory Microeconomics
IDEV*1000	[0.50]	Understanding Development and Global Inequalities
1.50 electives or restricted electives		

Semester 2 - Winter

ECON*1100	[0.50]	Introductory Macroeconomics
FARE*1300	[0.50]	Poverty, Food & Hunger
1.50 electives or restricted electives		

Summer Semester

No academic semester or work term.

Semester 3 - Fall

AGR*2150	[0.50]	Plant Agriculture for International Development
COOP*1100	[0.00]	Introduction to Co-operative Education
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
IDEV*2100	[0.50]	Research in International Development
1.00 electives or restricted electives		

Semester 4 - Winter

IDEV*2300	[0.50]	Theoretical Perspectives on Development
IDEV*2400	[0.50]	Development, Social Justice and Human Rights
1.50 electives or restricted electives		

Summer Semester

COOP*1000	[0.50]	Co-op Work Term I
-----------	--------	-------------------

Fall Semester

COOP*2000	[0.50]	Co-op Work Term II
-----------	--------	--------------------

Semester 5 - Winter

IDEV*3100	[0.50]	Achieving Sustainable Development
2.00 electives or restricted electives		

Semester 6 - Summer

IDEV*3300	[0.50]	Engaging in Development Practice
IDEV*3400	[0.50]	Managing and Evaluating Change in Development
1.50 electives or restricted electives		

Semester 7 - Fall

IDEV*3000	[0.50]	Poverty and Inequality
2.00 electives or restricted electives		

Winter Semester

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Summer Semester

COOP*4000	[0.50]	Co-op Work Term IV
-----------	--------	--------------------

Semester 8 - Fall

IDEV*4000	[1.00]	Development in Action
IDEV*4600	[0.50]	Advocating and Effecting Change in Development Policy and Practice

1.00 electives or restricted electives

Restricted Electives

1.00 credits from the following (core):

ECON*2650	[0.50]	Introductory Development Economics
GEOG*3050	[0.50]	Development and the City
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3790	[0.50]	International Political Economy
SOAN*3680	[0.50]	Perspectives on Development

1.50 credits from the following (Area of Emphasis):

AGR*2500	[0.50]	Field Course in International Agriculture
ANTH*4550	[0.50]	Topics in the Anthropology of Health
ENVS*2130	[0.50]	Eating Sustainably in Ontario
FARE*3250	[0.50]	Food and International Development
FARE*4210	[0.50]	World Agriculture, Food Security and Economic Development
GEOG*3320	[0.50]	Food Systems: Issues in Security and Sustainability
HIST*3240	[0.50]	Food History
IDEV*4100	[0.50]	Thesis in International Development Studies I
IDEV*4150	[0.50]	Thesis in International Development Studies II
SOC*4420	[0.50]	Sociology of Food

Development in the Canadian Context (Area of Emphasis)

Semester 1 - Fall

ECON*1050	[0.50]	Introductory Microeconomics
IDEV*1000	[0.50]	Understanding Development and Global Inequalities
1.50 electives or restricted electives		

Semester 2 - Winter

ECON*1100	[0.50]	Introductory Macroeconomics
2.00 electives or restricted electives		

Summer Semester

No academic semester or work term.

Semester 3 - Fall

COOP*1100	[0.00]	Introduction to Co-operative Education
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
IDEV*2100	[0.50]	Research in International Development
POLS*2300	[0.50]	Canadian Government and Politics
1.00 electives or restricted electives		

Semester 4 - Winter

ANTH*2660	[0.50]	Contemporary Indigenous Peoples in Canada
IDEV*2300	[0.50]	Theoretical Perspectives on Development
IDEV*2400	[0.50]	Development, Social Justice and Human Rights
1.00 electives or restricted electives		

Summer Semester

COOP*1000	[0.50]	Co-op Work Term I
-----------	--------	-------------------

Fall Semester

COOP*2000	[0.50]	Co-op Work Term II
-----------	--------	--------------------

Semester 5 - Winter

IDEV*3100	[0.50]	Achieving Sustainable Development
2.00 electives or restricted electives		

Semester 6 - Summer

IDEV*3300	[0.50]	Engaging in Development Practice
IDEV*3400	[0.50]	Managing and Evaluating Change in Development
1.50 electives or restricted electives		

Semester 7 - Fall

IDEV*3000	[0.50]	Poverty and Inequality
2.00 electives or restricted electives		

Winter Semester

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Summer Semester

COOP*4000	[0.50]	Co-op Work Term IV
-----------	--------	--------------------

Semester 8 - Fall

IDEV*4000	[1.00]	Development in Action
IDEV*4600	[0.50]	Advocating and Effecting Change in Development Policy and Practice

1.00 electives or restricted electives

Restricted Electives

1.00 credits from the following (core):

ECON*2650	[0.50]	Introductory Development Economics
GEOG*3050	[0.50]	Development and the City
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3790	[0.50]	International Political Economy
SOAN*3680	[0.50]	Perspectives on Development

1.50 credits from the following (Area of Emphasis):

GEOG*2510	[0.50]	Canada: A Regional Synthesis
HIST*2090	[0.50]	Indigenous Peoples of the Americas
HIST*3390	[0.50]	Governments and Indigenous Spaces
HIST*3660	[0.50]	Canadian Social History
IDEV*4100	[0.50]	Thesis in International Development Studies I
IDEV*4150	[0.50]	Thesis in International Development Studies II
POLS*3140	[0.50]	Canadian Charter of Rights and Freedoms
SOAN*4210	[0.50]	Indigenous-Settler Relations in Canadian Society
SOAN*4220	[0.50]	Gender and Change in Rural Canada
SOAN*4260	[0.50]	Migration, Inequality and Social Change

Development in Fragile Contexts (Area of Emphasis)

Semester 1 - Fall

ECON*1050	[0.50]	Introductory Microeconomics
IDEV*1000	[0.50]	Understanding Development and Global Inequalities
1.50 electives or restricted electives		

Semester 2 - Winter

ECON*1100	[0.50]	Introductory Macroeconomics
2.00 electives or restricted electives		

Summer Semester

No academic semester or work term.

Semester 3 - Fall

COOP*1100	[0.00]	Introduction to Co-operative Education
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
IDEV*2100	[0.50]	Research in International Development

1.50 electives or restricted electives

Semester 4 - Winter

IDEV*2300	[0.50]	Theoretical Perspectives on Development
IDEV*2400	[0.50]	Development, Social Justice and Human Rights

1.50 electives or restricted electives

Summer Semester

COOP*1000	[0.50]	Co-op Work Term I
-----------	--------	-------------------

Fall Semester

COOP*2000	[0.50]	Co-op Work Term II
-----------	--------	--------------------

Semester 5 - Winter

IDEV*3100	[0.50]	Achieving Sustainable Development
-----------	--------	-----------------------------------

2.00 electives or restricted electives

Semester 6 - Summer

IDEV*3300	[0.50]	Engaging in Development Practice
IDEV*3400	[0.50]	Managing and Evaluating Change in Development

1.50 electives or restricted electives

Semester 7 - Fall

IDEV*3000	[0.50]	Poverty and Inequality
POLS*3490	[0.50]	Conflict and Conflict Resolution

1.50 electives or restricted electives

Winter Semester

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Summer Semester

COOP*4000	[0.50]	Co-op Work Term IV
-----------	--------	--------------------

Semester 8 - Fall

IDEV*4000	[1.00]	Development in Action
IDEV*4600	[0.50]	Advocating and Effecting Change in Development Policy and Practice

1.00 electives or restricted electives

Restricted Electives

1.00 credits from the following (core):

ECON*2650	[0.50]	Introductory Development Economics
GEOG*3050	[0.50]	Development and the City
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3790	[0.50]	International Political Economy
SOAN*3680	[0.50]	Perspectives on Development

One of:

POLS*2100	[0.50]	Comparative Politics
POLS*2200	[0.50]	International Relations

1.50 credits from the following (Area of Emphasis):

ANTH*4440	[0.50]	Culture, Rights and Development
HIST*3270	[0.50]	Revolution in the Modern World
IDEV*4100	[0.50]	Thesis in International Development Studies I
IDEV*4150	[0.50]	Thesis in International Development Studies II
POLS*3000	[0.50]	Politics of Africa
POLS*3060	[0.50]	Politics of the Middle East and North Africa
POLS*3080	[0.50]	Politics of Latin America
POLS*4340	[1.00]	Nationalism, State-building and Identity
SOAN*3130	[0.50]	Protest, Resistance, and Collective Action
SOAN*4260	[0.50]	Migration, Inequality and Social Change

Environment and Sustainable Development (Area of Emphasis)**Semester 1 - Fall**

ECON*1050	[0.50]	Introductory Microeconomics
IDEV*1000	[0.50]	Understanding Development and Global Inequalities

1.50 electives or restricted electives

Semester 2 - Winter

ECON*1100	[0.50]	Introductory Macroeconomics
-----------	--------	-----------------------------

2.00 electives or restricted electives

Summer Semester

No academic semester or work term.

Semester 3 - Fall

COOP*1100	[0.00]	Introduction to Co-operative Education
GEOG*2030	[0.50]	Environment and Development
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
IDEV*2100	[0.50]	Research in International Development
SOC*2280	[0.50]	Society and Environment

0.50 electives or restricted electives

Semester 4 - Winter

IDEV*2300	[0.50]	Theoretical Perspectives on Development
-----------	--------	---

IDEV*2400	[0.50]	Development, Social Justice and Human Rights
-----------	--------	--

Summer Semester

COOP*1000	[0.50]	Co-op Work Term I
-----------	--------	-------------------

Fall Semester

COOP*2000	[0.50]	Co-op Work Term II
-----------	--------	--------------------

Semester 5 - Winter

IDEV*3100	[0.50]	Achieving Sustainable Development
-----------	--------	-----------------------------------

2.00 electives or restricted electives

Semester 6 - Summer

IDEV*3300	[0.50]	Engaging in Development Practice
IDEV*3400	[0.50]	Managing and Evaluating Change in Development

1.50 electives or restricted electives

Semester 7 - Fall

IDEV*3000	[0.50]	Poverty and Inequality
-----------	--------	------------------------

2.00 electives or restricted electives

Winter Semester

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Summer Semester

COOP*4000	[0.50]	Co-op Work Term IV
-----------	--------	--------------------

Semester 8 - Fall

IDEV*4000	[1.00]	Development in Action
IDEV*4600	[0.50]	Advocating and Effecting Change in Development Policy and Practice

1.00 electives or restricted electives

Restricted Electives

1.00 credits from the following (core):

ECON*2650	[0.50]	Introductory Development Economics
GEOG*3050	[0.50]	Development and the City
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3790	[0.50]	International Political Economy
SOAN*3680	[0.50]	Perspectives on Development

1.50 credits from the following (Area of Emphasis):

ECON*2100	[0.50]	Economic Growth and Environmental Quality
ENVS*2120	[0.50]	Introduction to Environmental Stewardship
FARE*2700	[0.50]	Survey of Natural Resource Economics
GEOG*3020	[0.50]	Global Environmental Change
GEOG*3090	[0.50]	Gender and Environment
HIST*3460	[0.50]	Natural Disasters in Global History
IDEV*4100	[0.50]	Thesis in International Development Studies I
IDEV*4150	[0.50]	Thesis in International Development Studies II
POLS*3370	[0.50]	Environmental Politics and Governance
SOAN*4250	[0.50]	Energy and Society

Italian (ITAL)**School of Languages and Literatures, College of Arts**

All language courses carry 0.50 credits. Students with Year 4 or grade 12 Italian or their equivalent may be admitted into ITAL*1060 or ITAL*1070 only with the approval of the department. Students advancing in a Romance language (French, Spanish, Italian) are advised to take elective courses in a second Romance language and in Latin. All language students are strongly advised to include CLAS*1000 and LING*1000 among their electives in order to derive the maximum benefit from their studies. Except where stated otherwise, literary texts are, at all levels, studied in the original language. Students registering in these courses will be expected to have the appropriate knowledge.

Study Abroad

The School of Languages and Literatures encourages students in modern languages to spend 1 or 2 semesters in another country to study a particular language at the university level. Credit for programs of study successfully completed may be applied towards the University of Guelph degree requirements. Requests should be addressed well in advance to either the School or a particular section of the School. A letter of permission is required (see Section VIII--Undergraduate Degree Regulations and Procedures.)

Italian may be taken as a minor in the honours program. Students in Italian will be counselled by the School of Languages and Literatures.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

HUMN*2020	[0.50]	Crime and Criminals in Italian Cinema
ITAL*1060	[0.50]	Introductory Italian I
ITAL*1070	[0.50]	Introductory Italian II
ITAL*2090	[0.50]	Intermediate Italian
ITAL*3060	[0.50]	Advanced Italian
ITAL*3400	[0.50]	Renaissance Lovers and Fools
ITAL*3700	[0.50]	Experiential Learning and Language
ITAL*4900	[0.50]	Research Project in Italian Studies

1.00 Credits from:

ARTH*2540	[0.50]	Medieval Art
ARTH*2550	[0.50]	The Italian Renaissance
ARTH*2950	[0.50]	Baroque Art
ARTH*3150	[0.50]	Space: Roman Art and Urbanism
ARTH*3320	[0.50]	Lives: Aspects of Western Art
ARTH*3340	[0.50]	Studies in Renaissance and Baroque Art
CLAS*1000	[0.50]	Introduction to Classical Culture
CLAS*2000	[0.50]	Classical Mythology
HIST*2200	[0.50]	The Medieval World
HIST*2850	[0.50]	Ancient Greece and Rome
HIST*3750	[0.50]	The Reformation
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
LAT*1100	[0.50]	Preliminary Latin I
LAT*1110	[0.50]	Preliminary Latin II
LAT*2000	[0.50]	Latin Literature
LING*1000	[0.50]	Introduction to Linguistics
PHIL*2140	[0.50]	Ancient Greek Philosophy
PHIL*3060	[0.50]	Medieval Philosophy

Marketing (MKTG)

Department of Marketing and Consumer Studies, Gordon S. Lang School of Business and Economics

The minor in Marketing is designed for students who wish to better understand the subject of marketing and potentially integrate this with their primary field of study. The program develops a core knowledge of contemporary theory and principles of marketing and consumer behaviour of particular relevance to the non-specialist. Note: the minor in Marketing is not open to students enrolled in the Marketing Management major in the Bachelor of Commerce degree.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ECON*1050	[0.50]	Introductory Microeconomics
HROB*2090	[0.50]	Individuals and Groups in Organizations
MCS*1000	[0.50]	Introductory Marketing
MCS*2600	[0.50]	Fundamentals of Consumer Behaviour
MCS*3000	[0.50]	Advanced Marketing
PSYC*1000	[0.50]	Introduction to Psychology

Restricted Electives

2.00 restricted Electives:

ECON*2740	[0.50]	Economic Statistics
MCS*3010	[0.50]	Quality Management
MCS*3030	[0.50]	Research Methods
MCS*3500	[0.50]	Marketing Analytics
MCS*3600	[0.50]	Consumer Information Processes
MCS*3620	[0.50]	Marketing Communications
MCS*4040	[0.50]	Management in Product Development
MCS*4300	[0.50]	Marketing and Society
MCS*4400	[0.50]	Pricing Management
MCS*4600	[0.50]	International Marketing
PSYC*1010	[0.50]	Making Sense of Data in Psychological Research
STAT*2060	[0.50]	Statistics for Business Decisions

*NOTE: only one of ECON*2740, PSYC*1010 or STAT*2060 may be counted as a restricted elective towards the minor in Marketing.

Mathematical Economics (MAEC)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

Most economic theory rests on explicit, formal, mathematical and/or statistical foundations. This specialization articulates and emphasizes these interactions. It is most suitable for students who either have, or wish to develop, a strong analytical background.

Major (Honours Program)

Semester 1

CIS*1500	[0.50]	Introduction to Programming
ECON*1050	[0.50]	Introductory Microeconomics
MATH*1200	[0.50]	Calculus I

1.00 electives

Semester 2

ECON*1100	[0.50]	Introductory Macroeconomics
MATH*1210	[0.50]	Calculus II

1.50 electives

Semester 3

ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics
STAT*2040	[0.50]	Statistics I

1.00 electives

Revision:

Semester 4

ECON*3740	[0.50]	Introduction to Econometrics
-----------	--------	------------------------------

2.00 electives or restricted electives*

Semester 5

ECON*3710	[0.50]	Advanced Microeconomics
-----------	--------	-------------------------

2.00 electives or restricted electives*

Semester 6

ECON*3100	[0.50]	Game Theory
ECON*3810	[0.50]	Advanced Macroeconomics

1.50 electives or restricted electives*

Semester 7

ECON*4640	[0.50]	Advanced Econometrics
ECON*4710	[0.50]	Advanced Topics in Microeconomics
ECON*4700	[0.50]	Advanced Mathematical Economics

1.00 electives or restricted electives*

Semester 8

ECON*4810	[0.50]	Advanced Topics in Macroeconomics
-----------	--------	-----------------------------------

One of:

FIN*4100	[0.50]	Financial Econometrics
MATH*3200	[0.50]	Real Analysis
STAT*4340	[0.50]	Statistical Inference
STAT*4350	[0.50]	Applied Multivariate Statistical Methods
STAT*4360	[0.50]	Applied Time Series Analysis

0.50 credits in Economics at the 4000 level

1.00 electives

*at least 1.00 credits of the 4.00 restricted electives credits must be from Mathematics and 1.00 credits must be from Statistics. The remaining 2.00 credits can be from either subject area. Of the 4.00 credits, at least 1.00 credits must be at the 3000 level or above and the remaining 3.00 credits must be at the 2000 level or above.

Note: Courses from MATH or STATS will be allowed with the appropriate prerequisites, or by permission of the instructor.

Mathematical Economics (Co-op) (MAEC:C)

Department of Economics and Finance, Gordon S. Lang School of Business and Economics

Most economic theory rests on explicit, formal, mathematical and/or statistical foundations. This specialization articulates and emphasizes these interactions. It is most suitable for students who either have, or wish to develop, a strong analytical background.

Program Requirements

The Co-op program in Mathematical Economics is a five year program, including five work terms. Students must complete a Fall, Winter and Summer work term and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: <https://www.recruitguelph.ca/cecs/>). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Mathematical Economics Academic and Co-op Work Term Schedule

Year	Fall	Winter	Summer
1	Academic Semester 1	Academic Semester 2	Off
2	Academic Semester 3 COOP*1100	Academic Semester 4	COOP*1000 Work Term I
3	COOP*2000 Work Term II	Academic Semester 5	COOP*3000 Work Term III
4	Academic Semester 6	COOP*4000 Work Term IV	COOP*5000 Work Term V
5	Academic Semester 7	Academic Semester 8	N/A

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (22.00 Total Credits)*

13.00 – Required Core Courses

1.50 - Humanities credits from at least two subject areas (BA distribution requirement)

0.50 - Social Science credit outside of ECON (BA distribution requirement)

5.00 – Electives

2.00 - Co-op Work Terms

Note: A minimum of four Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement. *A fifth Co-op work term is optional and if completed, the total number of credits will equal 22.50

The recommended program sequence is outlined below.

Major (Honours Program)

Semester 1 - Fall

CIS*1500	[0.50]	Introduction to Programming
ECON*1050	[0.50]	Introductory Microeconomics
MATH*1200	[0.50]	Calculus I
1.00 electives		

Semester 2 - Winter

ECON*1100	[0.50]	Introductory Macroeconomics
MATH*1210	[0.50]	Calculus II
1.50 electives		

Semester 3 - Fall

COOP*1100	[0.00]	Introduction to Co-operative Education
ECON*2310	[0.50]	Intermediate Microeconomics
ECON*2410	[0.50]	Intermediate Macroeconomics
STAT*2040	[0.50]	Statistics I
1.00 electives		

Semester 4 - Winter

ECON*3740	[0.50]	Introduction to Econometrics
2.00 electives or restricted electives*		

Spring/Summer

COOP*1000	[0.50]	Co-op Work Term I
-----------	--------	-------------------

Fall

COOP*2000	[0.50]	Co-op Work Term II
-----------	--------	--------------------

Semester 5 - Winter

ECON*3100	[0.50]	Game Theory
ECON*3810	[0.50]	Advanced Macroeconomics
1.50 electives or restricted electives*		

Spring/Summer

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Semester 6 - Fall

ECON*3710	[0.50]	Advanced Microeconomics
2.00 electives or restricted electives*		

Winter

COOP*4000	[0.50]	Co-op Work Term IV
-----------	--------	--------------------

Spring/Summer

COOP*5000	[0.50]	Co-op Work Term V
-----------	--------	-------------------

Semester 7 - Fall

ECON*4640	[0.50]	Advanced Econometrics
ECON*4700	[0.50]	Advanced Mathematical Economics
ECON*4710	[0.50]	Advanced Topics in Microeconomics
1.00 electives or restricted electives*		

Semester 8 - Winter

ECON*4810	[0.50]	Advanced Topics in Macroeconomics
One of:		
FIN*4100	[0.50]	Financial Econometrics
MATH*3200	[0.50]	Real Analysis
STAT*4340	[0.50]	Statistical Inference
STAT*4350	[0.50]	Applied Multivariate Statistical Methods
STAT*4360	[0.50]	Applied Time Series Analysis

0.50 credits at the 4000 level Economics

1.00 electives

*at least 1.00 credits of the 4.00 restricted electives credits must be from Mathematics and 1.00 credits must be from Statistics. The remaining 2.00 credits can be from either subject area. Of the 4.00 credits, at least 1.00 credits must be at the 3000 level or above and the remaining 3.00 credits must be at the 2000 level or above.

Note: Courses from MATH or STATS will be allowed with the appropriate prerequisites, or by permission of the instructor.

Mathematical Science (MSCI)

Department of Mathematics and Statistics, College of Engineering and Physical Sciences

Major (Honours Program)

Knowledge of Mathematics and Statistics is crucial for understanding our world. This unique program provides a core of both mathematics and statistics with a choice of a Mathematics stream or a Statistics stream. This major also requires the completion of an area of emphasis as listed. Students are encouraged to speak with a Program Counsellor when choosing courses for the selected stream and area of emphasis.

Students may enter this major in Semester 1 or any semester thereafter. A student wishing to declare the major must consult the Faculty Advisor. A total of 20.00 credits is required to complete the Major which includes at least 10.00 credits in Mathematics & Statistics, 0.50 credits in Computing and Information Science, and an additional 2.50 credits in an area of emphasis. Of the total credits required, students are required to complete 2.00 Mathematics and/or Statistics credits at the 4000 level and an additional 3.00 Mathematics and/or Statistics credits must be at the 3000 or 4000 level.

Note: A major in Mathematical Science cannot be combined with a minor in Mathematical Science, Mathematics, or Statistics.

Semester 1

MATH*1160	[0.50]	Linear Algebra I
MATH*1200	[0.50]	Calculus I

1.50 credits selected from the College of Arts and the College of Social and Applied Human Sciences*

Note:MATH*1080 or IPS*1500 can be taken in place of MATH*1200

Semester 2

MATH*1210	[0.50]	Calculus II
STAT*2040	[0.50]	Statistics I

1.50 electives** (PHIL*2110 is recommended)

Note: MATH*1090 or IPS*1510 can be taken in place of MATH*1210

Semester 3

MATH*2200	[0.50]	Advanced Calculus I
STAT*3100	[0.50]	Introductory Mathematical Statistics I

One of:

CIS*1300	[0.50]	Programming
CIS*1500	[0.50]	Introduction to Programming

1.00 electives or restricted electives

Semester 4

MATH*2130	[0.50]	Numerical Methods
STAT*2050	[0.50]	Statistics II

1.50 electives or restricted electives (CIS*2500 is recommended)

Semester 5

2.50 electives or restricted electives

Semester 6

2.50 electives or restricted electives

Semester 7

2.50 electives or restricted electives

Semester 8

MATH*4440	[0.50]	Case Studies in Mathematics and Statistics
2.00 electives or restricted electives		

*These courses should be chosen from the list of Semester 1 requirements as listed in the Program Regulations for the BA.

**Students are reminded that they must meet the BA distribution requirements of 1.50 credits in the humanities and 1.50 credits in the social sciences.

Students are required to complete 5.50 credits from either the Mathematics Stream or the Statistics Stream as follows:

Mathematics Stream

MATH*2000	[0.50]	Proofs, Sets, and Numbers
MATH*2210	[0.50]	Advanced Calculus II
MATH*2270	[0.50]	Applied Differential Equations
MATH*3160	[0.50]	Linear Algebra II
MATH*3200	[0.50]	Real Analysis

3.00 additional credits in MATH or STAT at 3000 level or above of which at least 1.50 credits must be MATH at the 4000 level

Statistics Stream

STAT*3110	[0.50]	Introductory Mathematical Statistics II
STAT*3240	[0.50]	Applied Regression Analysis

0.50 additional credits in MATH at 2000 level or above

1.00 additional credits in MATH or STAT at 2000 level or above

3.00 additional credits in MATH or STAT at 3000 level or above of which at least 1.50 credits must be STAT at the 4000 level

Areas of Emphasis

Students are required to complete 2.50 credits from **one** of the following Areas of Emphasis:

Each Area of Emphasis is 2.50 credits from a single field of study.

COMPUTER SCIENCE (CS)***

The following credits must be taken:

CIS*2430	[0.50]	Object Oriented Programming
CIS*2500	[0.50]	Intermediate Programming
CIS*2520	[0.50]	Data Structures
at least 1.00 credits from:		
CIS*3110	[0.50]	Operating Systems I

CIS*3190	[0.50]	Software for Legacy Systems
CIS*3490	[0.50]	The Analysis and Design of Computer Algorithms
CIS*3530	[0.50]	Data Base Systems and Concepts
Note: CIS*2750 is recommended in addition to the Area of Emphasis requirements for students interested in Computer Science		

ECONOMICS (ECON)***

The following credits must be taken:

ECON*1050	[0.50]	Introductory Microeconomics
ECON*1100	[0.50]	Introductory Macroeconomics
ECON*2310	[0.50]	Intermediate Microeconomics
at least 1.00 credits from:		
ECON*3100	[0.50]	Game Theory
ECON*3710	[0.50]	Advanced Microeconomics
ECON*4710	[0.50]	Advanced Topics in Microeconomics

INDIVIDUALIZED (IND)***

It is required that 2.50 credits are taken from humanities and social science electives where 1.00 credits must be at the 3000 level or above.

Students declaring an Individualized Area of Emphasis must have their choice of 2.50 credits approved by an academic advisor.

*** Students are reminded that they must meet the BA requirement that at least 7.00 credits must be at the 3000 level of above.

Mathematics (MATH)**Department of Mathematics and Statistics, College of Engineering and Physical Sciences**

Knowledge of mathematics is crucial for understanding our world. Students can choose to study mathematics as a minor in the B.A. Honours Program or as an area of concentration in the General Program. These specializations are designed to provide considerable flexibility for students to pursue their own mathematical interests, whether they be in the concepts of "pure" mathematics or techniques and applications. The Mathematics specializations develop skills that are valued in many sectors such as business, education, government, and industry.

Area of Concentration (General Program)

A minimum of 5.00 Mathematics credits is required, including:

- 4.00 credits in Mathematics, including at least 1.00 from courses at the 3000 level or above
- 1.00 additional credits from Mathematics, Statistics and/or Computing Science

Minor (Honours Program)

A total of 5.00 credits is required to complete the Minor including:

(MATH*1080 or MATH*1200)*

(MATH*1090 or MATH*1210)**

(CIS*1910 or MATH*2000)***

MATH*2200 [0.50] Advanced Calculus I

STAT*2040 [0.50] Statistics I

0.50 additional Mathematics credits at the 2000 level or above.

1.50 additional Mathematics credits at the 3000 or 4000 level

* IPS*1500 can count toward this 0.50 credit

** IPS*1510 can count toward this 0.50 credit

*** MATH*2000 is recommended. It is required for students wishing to take MATH*3200, MATH*3130, or MATH*4310.

Note: Students majoring or minoring in Mathematical Science cannot minor in Mathematics.

Media & Cinema Studies (MCST)**College of Arts**

This minor considers the various approaches to media, communication, and culture. By examining conventions used across media forms and texts, students are expected to demonstrate an understanding of the relationship between form and content, media and society, technology and culture. Attention will be given to cinema, sound/music, visual culture, and digital/Internet texts and practices. The minor in Media and Cinema Studies (MCST) guides students to an understanding of the pertinent questions at stake in today's technological and information-focused environments.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

ARTH*2220	[0.50]	The Visual Arts Today
THST*1200	[0.50]	The Languages of Media

At least 0.50 credits from Media Studies:

THST*2450	[0.50]	Approaches to Media Studies
THST*2650	[0.50]	History of Communication

At least 0.50 credits from Cinema Studies:

EURO*1100	[0.50]	European Cinema
-----------	--------	-----------------

HIST*3260	[0.50]	Cinema and the Moving Image
THST*2500	[0.50]	Contemporary Cinema
THST*3530	[0.50]	Canadian Cinema

At least 0.50 credits from Computing and Information Science:

CIS*1200	[0.50]	Introduction to Computing
CIS*1500	[0.50]	Introduction to Programming

2.50 additional credits from:

ARTH*2290	[0.50]	History of Photographic Media
CIS*1200	[0.50]	Introduction to Computing
CIS*1500	[0.50]	Introduction to Programming
CIS*2170	[0.75]	User Interface Design
EURO*1100	[0.50]	European Cinema
HIST*2020	[0.50]	Film as History
HIST*3260	[0.50]	Cinema and the Moving Image
HIST*4170	[1.00]	Exploration of Digital Humanities
HUMN*2020	[0.50]	Crime and Criminals in Italian Cinema
HUMN*3190	[0.50]	Experiential Learning
HUMN*3470	[0.50]	Holocaust & WWII in German Lit. & Film
HUMN*4190	[0.50]	Experiential Learning
MUSC*2100	[0.50]	Creating Music on the Computer
MUSC*2150	[0.50]	Music and Popular Culture
MUSC*2220	[0.50]	Electronica: Music in the Digital Age
MUSC*2380	[0.50]	Classical Music from Concert Hall to Cinema
SART*1150	[0.50]	Contemporary Artistic Practice
SART*2610	[0.50]	Photography I
SART*2700	[0.50]	Digital Media I: Using Vector and Raster Images
SART*2710	[0.50]	Digital Media II: Animation
SART*3750	[0.50]	Photography II
SART*3480	[0.50]	Digital Media III: Creating Content for the Web
THST*1040	[0.50]	Introduction to Performance
THST*2450	[0.50]	Approaches to Media Studies
THST*2500	[0.50]	Contemporary Cinema
THST*2650	[0.50]	History of Communication
THST*3530	[0.50]	Canadian Cinema

At least 1.00 credits must be at 3000 level or higher

Note: Some courses may also have prerequisites which are identified in course descriptions in the academic calendar.

Museum Studies (MS)**School of Fine Art and Music, College of Arts**

The Minor program in Museum Studies offers an introduction to museum culture from both theoretical and practical perspectives. Courses in the program cover the history of museums, examination of assumptions that have guided the collecting and classifying of visual culture, and consideration of how these institutions serve the needs of national and group identity construction.

This program of study is designed as a complement to a significant number of Major specializations, suitable for any student wishing to broaden their knowledge beyond their Major area of study.

Minor (Honours Program)

(May not be taken in combination with Art History Honours Major).

A minimum of 5.00 credits is required, including:

- ARTH*1510 [0.50] Art Historical Studies I
- ARTH*1520 [0.50] Art Historical Studies II
- ARTH*2120 [0.50] Introduction to Museology
- ARTH*2480 [0.50] Introduction to Art Theory and Criticism
- ARTH*3330 [0.50] Display: Visual Culture in Western Europe
- ARTH*3620 [0.50] Museum Studies
- 2.00 additional credits in Art History

Music (MUSC)**School of Fine Art and Music, College of Arts**

The School offers courses in music history, theory, ethnomusicology, composition, pedagogy, jazz and improvisation, popular music, digital music, and performance. Many courses are open to all students, while others require knowledge of the rudiments of musical notation or other prerequisites. Students are urged to plan their program in consultation with a Music advisor. Music programs allow considerable flexibility for students to select one or more areas of interest, such as individual study on an instrument or in composition, performing in vocal or instrumental ensembles, specialized historical or theoretical study or in-depth study in other music topics.

Courses in Music are offered in several of the semesters abroad, especially London. Credit for programs of study successfully completed may be applied towards the University of Guelph degree requirements.

Applied Music

MUSC*1500 is available only by audition. MUSC*1500 is restricted to students in Semesters 1-4 who are enrolled in a Music program: general program, area of concentration; honours program, major or minor. Students enrolled in a Music program, honours major, may audition for MUSC*1500 beyond the fourth semester.

Applied Music courses are designed to be taken during successive Fall and Winter terms. If this sequence is interrupted for more than one semester, students may be required to reapply (re-audition) before registering to continue in Applied Music. Students must achieve a minimum grade 70% in Applied Music courses in order to proceed to the next level.

Core Requirements

The Music core is designed to provide the concepts and skills students need for successful study in higher level courses. All students in honours program major must complete the following courses:

MUSC*1060	[0.50]	Amadeus to Zeppelin: Music and Culture I
MUSC*1180	[0.50]	Musicianship I
MUSC*2100	[0.50]	Creating Music on the Computer
MUSC*2140	[0.50]	History of Jazz
MUSC*2150	[0.50]	Music and Popular Culture
MUSC*2180	[0.50]	Musicianship II
MUSC*2270	[0.50]	World Music
MUSC*2330	[0.50]	Beethoven to Broadway: Music and Culture II
MUSC*2660	[0.50]	Materials of Music I
MUSC*3010	[0.50]	Materials of Music II
MUSC*3630	[0.50]	Tragedy, Technology, and Torture: Music Post 1900

Note: MUSC*1130 does not count toward either the Major (Honours), Minor (Honours), or Area of Concentration (General Program).

Area of Concentration (General Program)

- A minimum of 6.00 Music credits is required, including:
- a. MUSC*1060, MUSC*1180, MUSC*2180, MUSC*2330, MUSC*2660, MUSC*3010 (3.00 credits)
 - b. 1.50 credits from MUSC*2100, MUSC*2140, MUSC*2150, MUSC*2270, MUSC*3630
 - c. at least 1.00 Music credits at the 3000 level or above (excluding MUSC*3630)
 - d. two of MUSC*2530, MUSC*2540, MUSC*2550, MUSC*2560.

Major (Honours Program)

- A minimum of 9.00 Music credits is required, including:
- a. the Music core (5.50 credits)
 - b. two of MUSC*2530, MUSC*2540, MUSC*2550, MUSC*2560.
 - c. (MUSC*4460 and MUSC*4470) or MUSC*4450
 - d. 2.00 additional credits of upper-level topics courses (MUSC*3730, MUSC*3740, MUSC*3800, MUSC*3820, MUSC*3860, MUSC*3880)

Participation in Applied Music courses is strongly recommended for all honours students. Students contemplating graduate studies in Music should consult music faculty early in their program.

Music majors are advised to take MUSC*1180 in Fall Year 1, followed by MUSC*2180 in Winter Year 1.

Minor (Honours Program)

- A minimum of 5.00 Music credits is required, including:
- | | | |
|-----------|--------|--|
| MUSC*1060 | [0.50] | Amadeus to Zeppelin: Music and Culture I |
| MUSC*1180 | [0.50] | Musicianship I |
- One of:
- | | | |
|-----------|--------|---------------------------------------|
| MUSC*2030 | [0.50] | Music in Canada |
| MUSC*2100 | [0.50] | Creating Music on the Computer |
| MUSC*2140 | [0.50] | History of Jazz |
| MUSC*2150 | [0.50] | Music and Popular Culture |
| MUSC*2220 | [0.50] | Electronica: Music in the Digital Age |
| MUSC*2270 | [0.50] | World Music |

At least 1.50 Music credits at the 3000 or 4000 level

Note: Students should be aware that courses at the 3000 or 4000 level may require additional prerequisites.

2.00 additional credits in Music

Philosophy (PHIL)

Department of Philosophy, College of Arts

Our programs are designed to educate students about philosophical discussions of central questions in ethics, political philosophy, theory of knowledge, metaphysics and philosophy of science, among other areas. This includes learning the history of these subjects as well as understanding current debates. In gaining this knowledge students develop crucial skills of articulation, critical thinking, intellectual independence and the ability to understand others’ viewpoints and assumptions. It is important that students discuss their programs with a Faculty Advisor (<https://www.uoguelph.ca/uaic/facultyadvisors-ba>) in order to ensure that the best selection of elective Philosophy courses is made. This is especially important for students who are contemplating graduate work in Philosophy.

Students may take PHIL*1000, PHIL*1010, PHIL*1030 and PHIL*1050 but only two may be counted towards the minimum number of Philosophy courses required for a degree.

Area of Concentration (General Program)

5.00 Philosophy credits are required, as follows:

PHIL*2240	[0.50]	Knowledge and Belief
PHIL*2370	[0.50]	Metaphysics and Mind
One of:		
PHIL*2120	[0.50]	Ethics
PHIL*2280	[0.50]	Key Concepts in Political Philosophy
One of:		
PHIL*2100	[0.50]	Critical Thinking
PHIL*2110	[0.50]	Formal Logic

1.50 credits in Philosophy

Note: Students may only count 1.00 credits at the 1000 level towards this requirement. 1.50 credits in Philosophy at the 3000 level or higher. PSYC*3280 may be used as a 3000 level Philosophy course.

Major (Honours Program)

8.50 Philosophy credits are required, as follows

PHIL*2120	[0.50]	Ethics
PHIL*2140	[0.50]	Ancient Greek Philosophy
PHIL*2160	[0.50]	Early Modern Philosophy: Reason vs. Experience
PHIL*2280	[0.50]	Key Concepts in Political Philosophy
PHIL*2370	[0.50]	Metaphysics and Mind
PHIL*3100	[0.50]	Kant and His Legacy
PHIL*4820	[0.50]	Philosophy Research Presentation
One of:		
PHIL*2100	[0.50]	Critical Thinking
PHIL*2110	[0.50]	Formal Logic
One of:		
PHIL*2180	[0.50]	Philosophy of Science
PHIL*2240	[0.50]	Knowledge and Belief

1.50 credits in Philosophy

Note: Students may only count 1.00 credits at the 1000 level towards this requirement. 1.50 credits in Philosophy at the 3000 level or higher. PSYC*3280 may be used as a 3000 level Philosophy course.

1.00 credits in Philosophy at the 4000 level

Minor (Honours Program)

5.00 Philosophy credits are required, as follows:

PHIL*2240	[0.50]	Knowledge and Belief
PHIL*2370	[0.50]	Metaphysics and Mind
One of:		
PHIL*2120	[0.50]	Ethics
PHIL*2280	[0.50]	Key Concepts in Political Philosophy
One of:		
PHIL*2100	[0.50]	Critical Thinking
PHIL*2110	[0.50]	Formal Logic

1.00 credits in Philosophy

2.00 credits in Philosophy at the 3000 level or higher. PSYC*3280 may be used as a 3000 level Philosophy course.

Political Science (POLS)

Department of Political Science, College of Social and Applied Human Sciences

The Department of Political Science offers courses in the following areas: Political Thought; Canadian Politics; Public Policy, Governance, and Law; Comparative Politics; and International Relations and Global Studies. The Department of Political Science also participates in several interdisciplinary programs, including Criminal Justice and Public Policy, International Development Studies, Environmental Governance, and European Studies.

Area of Concentration (General Program)

A minimum of 5.00 credits is required, including:

POLS*1150	[0.50]	Understanding Politics
POLS*2300	[0.50]	Canadian Government and Politics
One of:		

PHIL*2280	[0.50]	Key Concepts in Political Philosophy
POLS*2000	[0.50]	Political Theory
One of:		
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
POLS*2100	[0.50]	Comparative Politics
POLS*2200	[0.50]	International Relations
One of:		
POLS*2150	[0.50]	Gender and Politics
POLS*2230	[0.50]	Public Policy
POLS*2250	[0.50]	Public Administration and Governance
POLS*2350	[0.50]	Law from a Political Science Perspective

2.50 additional credits, at least 1.50 of which must be at the 3000 level or above.

Major (Honours Program)

A minimum of 9.00 credits is required, including:

POLS*1150	[0.50]	Understanding Politics
POLS*2300	[0.50]	Canadian Government and Politics
POLS*2650	[0.50]	Political Inquiry and Research Methods
POLS*3650	[0.50]	Quantitative Methods of Data Analysis
One of:		
PHIL*2280	[0.50]	Key Concepts in Political Philosophy
POLS*2000	[0.50]	Political Theory
One of:		
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
POLS*2100	[0.50]	Comparative Politics
POLS*2200	[0.50]	International Relations
One of:		
POLS*2150	[0.50]	Gender and Politics
POLS*2230	[0.50]	Public Policy
POLS*2250	[0.50]	Public Administration and Governance
POLS*2350	[0.50]	Law from a Political Science Perspective

at least 0.50 credits at the 3000 level in three of the five fields in the department

1.50 credits at the 4000 level, which must include one course from the 1.00 credit-weighted research and writing intensive seminar courses or the two courses which comprise the POLS*4970/POLS*4980 Honours Thesis sequence.

A maximum of 2.00 credits at the 4000 level may be counted towards a major in Political Science.

4000 level courses that fulfill the writing and research intensive course requirement:

POLS*4050	[1.00]	Advanced Topics in Law and Politics
POLS*4070	[1.00]	Courts and Parliament
POLS*4100	[1.00]	Women, Justice and Public Policy
POLS*4140	[1.00]	Conceptions of Canada
POLS*4160	[1.00]	Multi-Level Governance in Canada
POLS*4200	[1.00]	International Political Economy
POLS*4250	[1.00]	Topics in Public Management
POLS*4260	[1.00]	Topics in Public Policy
POLS*4300	[1.00]	Human Rights, Ethics, and Development
POLS*4340	[1.00]	Nationalism, State-building and Identity
POLS*4710	[1.00]	Topics in Comparative Politics
POLS*4720	[1.00]	Topics in International Relations
POLS*4730	[1.00]	International Relations of the Middle East
POLS*4740	[1.00]	Advanced Topics in Rights and Liberties
POLS*4900	[1.00]	Special Topics Seminar in Political Science

an additional 2.50 credits from courses in Political Science.

** Students interested in pursuing graduate or professional studies related to Political Science are encouraged to consider taking the POLS*4970/POLS*4980 Honours Thesis sequence. Interested students must obtain instructor consent in order to register for this option.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

POLS*1150	[0.50]	Understanding Politics
POLS*2300	[0.50]	Canadian Government and Politics
POLS*2650	[0.50]	Political Inquiry and Research Methods
One of:		
PHIL*2280	[0.50]	Key Concepts in Political Philosophy
POLS*2000	[0.50]	Political Theory
One of:		
IDEV*2000	[0.50]	The Development Landscape: Actors and Institutions
POLS*2100	[0.50]	Comparative Politics
POLS*2200	[0.50]	International Relations
One of:		
POLS*2150	[0.50]	Gender and Politics
POLS*2230	[0.50]	Public Policy
POLS*2250	[0.50]	Public Administration and Governance
POLS*2350	[0.50]	Law from a Political Science Perspective

1.00 credits from Political Science at 3000-level or above

1.00 additional credits from courses in Political Science

Choices for fulfillment of prerequisites for 4000 level courses (see course descriptions for corresponding requirements).

Political Thought

POLS*3230	[0.50]	Modern Political Thought
POLS*3710	[0.50]	Politics and Sexuality

Canadian Politics

HIST*3160	[0.50]	Canadian Political History
POLS*3050	[0.50]	Canadian Campaigns & Elections
POLS*3140	[0.50]	Canadian Charter of Rights and Freedoms
POLS*3210	[0.50]	The Constitution and Canadian Federalism
POLS*3270	[0.50]	Local Government in Ontario
POLS*3470	[0.50]	Business-Government Relations in Canada

Public Policy, Governance and Law

POLS*3130	[0.50]	Law, Politics and Judicial Process
POLS*3140	[0.50]	Canadian Charter of Rights and Freedoms
POLS*3210	[0.50]	The Constitution and Canadian Federalism
POLS*3250	[0.50]	Public Policy: Challenges and Prospects
POLS*3300	[0.50]	Governing Criminal Justice
POLS*3370	[0.50]	Environmental Politics and Governance
POLS*3440	[0.50]	Corruption, Scandal and Political Ethics
POLS*3470	[0.50]	Business-Government Relations in Canada
POLS*3670	[0.50]	Comparative Public Policy

Comparative Politics

POLS*3000	[0.50]	Politics of Africa
POLS*3060	[0.50]	Politics of the Middle East and North Africa
POLS*3080	[0.50]	Politics of Latin America
POLS*3160	[0.50]	Global Gender Justice
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3410	[0.50]	U.S. Politics and Government
POLS*3440	[0.50]	Corruption, Scandal and Political Ethics
POLS*3450	[0.50]	European Governments and Politics
POLS*3670	[0.50]	Comparative Public Policy
POLS*3890	[0.50]	Government and Politics of India
POLS*3920	[0.50]	Politics of China

International Relations and Global Studies

POLS*3160	[0.50]	Global Gender Justice
POLS*3320	[0.50]	Politics of Aid & Development
POLS*3490	[0.50]	Conflict and Conflict Resolution
POLS*3790	[0.50]	International Political Economy

The Department of Political Science offers an academic advising service for students in Political Science.

Students are encouraged to consult with the faculty advisor for either of these programs about course selection, substitution of courses offered by other departments, or other matters.

Political Science (Co-op) (POLS:C)

Department of Political Science, College of Social and Applied Human Sciences

The Department of Political Science offers courses in the following areas: Political Thought; Canadian Politics; Public Policy, Governance, and Law; Comparative Politics; and International Relations and Global Studies. The Department of Political Science also participates in several interdisciplinary programs, including Criminal Justice and Public Policy, International Development Studies, Environmental Governance, and European Studies.

Program Requirements

The Co-op program in Political Science is a four and a half year program, including three work terms. Students must complete a Fall, Winter and Summer work term, and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: <https://www.recruiitguelph.ca/cecs/>). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Political Science Academic and Co-op Work Term Schedule			
Year	Fall	Winter	Summer
1	Academic Semester 1	Academic Semester 2	Off
2	Academic Semester 3 COOP*1100	Academic Semester 4	COOP*1000 Work Term I
3	COOP*2000 Work Term II	Academic Semester 5	Academic Semester 6
4	Academic Semester 7	COOP*3000 Work Term III	Off
5	Academic Semester 8	N/A	N/A

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (21.50 Total Credits)*

9.00 - Required Core Courses

1.50 – Humanities credits from at least two areas (BA distribution requirement)

0.50 - Social Science credit outside of POLS (BA distribution requirement)

1.00 - Natural Science credits (BA distribution requirement)

8.00 - Electives

1.50 - Co-op Work Terms

Note: Three Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement.

The recommended program sequence is outlined below.

Major (Honours Program)

Semester 1 - Fall

POLS*1150 [0.50] Understanding Politics

2.00 electives*

Semester 2 - Winter

2.50 electives*

Semester 3 or 4 - Fall or Winter

COOP*1100 [0.00] Introduction to Co-operative Education

POLS*2300 [0.50] Canadian Government and Politics

POLS*2650 [0.50] Political Inquiry and Research Methods

One of:

PHIL*2280 [0.50] Key Concepts in Political Philosophy

POLS*2000 [0.50] Political Theory

One of:

IDEV*2000 [0.50] The Development Landscape: Actors and Institutions

POLS*2100 [0.50] Comparative Politics

POLS*2200 [0.50] International Relations

One of:

POLS*2150 [0.50] Gender and Politics

POLS*2230 [0.50] Public Policy

POLS*2250 [0.50] Public Administration and Governance

POLS*2350 [0.50] Law from a Political Science Perspective

2.50 electives *

***Note:** These may include electives required to complete the Humanities, Social Science, Natural and Mathematical Science distribution requirements, or POLS restricted electives.

Summer Semester

COOP*1000 [0.50] Co-op Work Term I

Fall Semester

COOP*2000 [0.50] Co-op Work Term II

Semester 5 - Winter

POLS*3650 [0.50] Quantitative Methods of Data Analysis

1.50 POLS restricted electives

0.50 electives

Semester 6 - Summer

Two of:

POLS*3130 [0.50] Law, Politics and Judicial Process

POLS*3140 [0.50] Canadian Charter of Rights and Freedoms

POLS*3320 [0.50] Politics of Aid & Development

POLS*3370 [0.50] Environmental Politics and Governance

POLS*3210*DE [0.50] The Constitution and Canadian Federalism

POLS*3300*DE [0.50] Governing Criminal Justice

1.50 electives, which may include:

POLS*3850 [0.50] Experiential Learning in Political Science

POLS*3960 [0.50] Selected Topics in Political Science

Note: POLS*3850 and POLS*3960 are subject to faculty availability and departmental approval.

Semester 7 - Fall and Semester 8 - Fall

A minimum of 1.50 and a maximum of 2.00 credits of 4000-level POLS courses are required in semesters 7 and 8. At least 1.00 credits must come from either a 1.00 credit fourth-year seminar or the Honours Thesis sequence (POLS*4970 and POLS*4980).

Option A

1.50 POLS credits 4000-level

1.50 POLS electives

2.00 electives

Option B

2020-2021 Undergraduate Calendar

2.00 POLS credits 4000-level

1.00 POLS electives

2.00 electives

Winter Semester

COOP*3000 [0.50] Co-op Work Term III

Summer Semester

No academic semester or work term.

Restricted Electives

1. At least 0.50 credits at the 3000 level in three of the five fields in the department (see field lists below).

Political Thought

POLS*3230 [0.50] Modern Political Thought

POLS*3710 [0.50] Politics and Sexuality

Canadian Politics

HIST*3160 [0.50] Canadian Political History

POLS*3050 [0.50] Canadian Campaigns & Elections

POLS*3140 [0.50] Canadian Charter of Rights and Freedoms

POLS*3210 [0.50] The Constitution and Canadian Federalism

POLS*3270 [0.50] Local Government in Ontario

POLS*3470 [0.50] Business-Government Relations in Canada

Public Policy, Governance and Law

POLS*3130 [0.50] Law, Politics and Judicial Process

POLS*3140 [0.50] Canadian Charter of Rights and Freedoms

POLS*3210 [0.50] The Constitution and Canadian Federalism

POLS*3250 [0.50] Public Policy: Challenges and Prospects

POLS*3300 [0.50] Governing Criminal Justice

POLS*3370 [0.50] Environmental Politics and Governance

POLS*3440 [0.50] Corruption, Scandal and Political Ethics

POLS*3470 [0.50] Business-Government Relations in Canada

POLS*3670 [0.50] Comparative Public Policy

Comparative Politics

POLS*3000 [0.50] Politics of Africa

POLS*3060 [0.50] Politics of the Middle East and North Africa

POLS*3080 [0.50] Politics of Latin America

POLS*3160 [0.50] Global Gender Justice

POLS*3320 [0.50] Politics of Aid & Development

POLS*3410 [0.50] U.S. Politics and Government

POLS*3440 [0.50] Corruption, Scandal and Political Ethics

POLS*3450 [0.50] European Governments and Politics

POLS*3670 [0.50] Comparative Public Policy

POLS*3890 [0.50] Government and Politics of India

POLS*3920 [0.50] Politics of China

International Relations and Global Studies

POLS*3160 [0.50] Global Gender Justice

POLS*3320 [0.50] Politics of Aid & Development

POLS*3490 [0.50] Conflict and Conflict Resolution

POLS*3790 [0.50] International Political Economy

2. 1.50 credits at the 4000 level, two of which must include either one course from the 1.00 credit-weighted research and writing intensive seminar courses or two courses which comprise the POLS*4970/POLS*4980 Honours Thesis sequence. A maximum of 2.00 credits at the 4000 level may be counted towards a major in Political Science.

4000 level courses that fulfill the Honours writing and research intensive course requirement:

POLS*4050 [1.00] Advanced Topics in Law and Politics

POLS*4070 [1.00] Courts and Parliament

POLS*4100 [1.00] Women, Justice and Public Policy

POLS*4140 [1.00] Conceptions of Canada

POLS*4160 [1.00] Multi-Level Governance in Canada

POLS*4200 [1.00] International Political Economy

POLS*4250 [1.00] Topics in Public Management

POLS*4260 [1.00] Topics in Public Policy

POLS*4300 [1.00] Human Rights, Ethics, and Development

POLS*4340 [1.00] Nationalism, State-building and Identity

POLS*4710 [1.00] Topics in Comparative Politics

POLS*4720 [1.00] Topics in International Relations

POLS*4730 [1.00] International Relations of the Middle East

POLS*4740 [1.00] Advanced Topics in Rights and Liberties

POLS*4900 [1.00] Special Topics Seminar in Political Science

Note: Students interested in pursuing graduate or professional studies related to Political Science are encouraged to consider taking the POLS*4970/POLS*4980 Honours Thesis sequence. Interested students must obtain instructor consent in order to register for this option.

3. An additional 2.50 credits from courses in Political Science. **Note:** If 2.00 credits of 4000 level POLS courses are being completed then only an additional 2.00 credits from courses in Political Science are required.

Psychology (PSYC)

Department of Psychology, College of Social and Applied Human Sciences

The discipline of Psychology is normally associated with the social sciences, the biological sciences, and the health professions. Specialization in Psychology at Guelph is available as a B.A. Honours program major and minor and a B.A. General program area of concentration, all of which are described below, as well as a B.A. Honours program Co-op major (PSYC:C).

Through its different undergraduate programs, the Psychology Department provides: a) a broad general education emphasizing psychological theory and methodology, with an empirical basis in course work (e. g., experiments and projects); b) an appropriate background in psychology for those who leave the University with an undergraduate degree to embark on careers in related areas; and c) a sound preparation for graduate study in Psychology. Students intending to apply to Psychology graduate programs, and those who want a structured, intensive research experience, may apply to enrol in the Honours Thesis courses (See Option B – Honours Thesis Stream). In addition, students intending to apply for admission to graduate programs in Psychology should note most graduate programs require the applicant to have at least an A- average in order to be considered for admission.

Note on Honours Courses

Courses designated with (H) are for students in Psychology Honours programs. These include: B.A. Honours Psychology (PYSC, PYSC:C) major or minor and the Neuroscience (NEUR) major or minor. A cumulative average of at least 70% in all course attempts in Psychology, NEUR major or minor, or PBC major or minor is required to enrol in H designated courses.

Advising Note

We advise students to take PSYC*1000 in their first semester and PSYC*1010 and PSYC*1500 in their second semester

The maximum number of PSYC credits students can take at each level is as follows:

- 1000 level courses: no cap
- 2000 level courses: 3.50 credits
- 3000 level courses: 3.50 credits
- 4000 level courses: 3.00 credits

Area of Concentration (General Program)

A total of 6.00 credits are required for the Psychology Area of Concentration.

Year 1

Students must complete 1.50 credits at the 1000 level in Psychology, including:

PSYC*1000	[0.50]	Introduction to Psychology
PSYC*1010	[0.50]	Making Sense of Data in Psychological Research
PSYC*1500	[0.50]	Foundational Skills for Psychology

Year 2

Students must complete 2.50 credits at the 2000 level in Psychology, including:

PSYC*2070	[0.50]	Teams, Leadership, and Professional Behaviour
PSYC*2360	[0.50]	Psychological Methods and Statistics

One of:

PSYC*2330	[0.50]	Principles of Learning
PSYC*2390	[0.50]	Sensation and Perception
PSYC*2410	[0.50]	Behavioural Neuroscience I
PSYC*2650	[0.50]	Cognitive Psychology

Two of:

PSYC*2020	[0.50]	Abnormal Psychology
PSYC*2310	[0.50]	Social Psychology
PSYC*2450	[0.50]	Developmental Psychology
PSYC*2740	[0.50]	Personality

Year 3

Students must complete 1.50 credits at the 3000 level in Psychology, including:

PSYC*3470	[0.50]	Putting Psychology to Work
-----------	--------	----------------------------

1.00 additional credit in PSYC at the 3000 level.

Finally, students are required to take an additional 0.50 credit in PSYC at the 2000 level or above.

Major (Honours Program)

A total of 9.00 credits are required for the Psychology major BAH.

Year 1

Students must complete 1.50 credits at the 1000 level in Psychology, including:

PSYC*1000	[0.50]	Introduction to Psychology
PSYC*1010	[0.50]	Making Sense of Data in Psychological Research
PSYC*1500	[0.50]	Foundational Skills for Psychology

Year 2

Students must complete 3.00 credits at the 2000 level in Psychology, including:

PSYC*2070	[0.50]	Teams, Leadership, and Professional Behaviour
PSYC*2360	[0.50]	Psychological Methods and Statistics

Two of:

PSYC*2330	[0.50]	Principles of Learning
PSYC*2390	[0.50]	Sensation and Perception
PSYC*2410	[0.50]	Behavioural Neuroscience I
PSYC*2650	[0.50]	Cognitive Psychology

Two of:

PSYC*2020	[0.50]	Abnormal Psychology
PSYC*2310	[0.50]	Social Psychology
PSYC*2450	[0.50]	Developmental Psychology
PSYC*2740	[0.50]	Personality

OPTION A - HONOURS REGULAR STREAM

Year 3

Students must complete 3.00 credits at the 3000 level in Psychology, including:

PSYC*3000	[0.50]	Historical and Critical Perspectives on Psychology
PSYC*3250	[0.50]	Psychological Measurement
PSYC*3290	[0.50]	Conducting Statistical Analyses in Psychology

1.50 additional credit in Psychology at 3000 level.

Year 4

Students must complete 1.50 credits at the 4000 level in Psychology, including

PSYC*4540	[1.00]	Practical Applications of Psychology
-----------	--------	--------------------------------------

0.50 additional credit in Psychology at 4000 level.

OPTION B – HONOURS THESIS STREAM

The Honours Thesis stream is recommended for students considering graduate work, as most graduate programs in Psychology expect that students will have completed an undergraduate thesis or equivalent. The two honours thesis courses (PSYC*4870 and 4880) are normally taken in a Fall-Winter sequence. Registration for these courses requires Department approval, which is normally granted to those students whose academic performance meets the minimum admission requirements of Psychology graduate programs.

Year 3

Students must complete 2.50 credits at the 3000 level in Psychology, including:

PSYC*3000	[0.50]	Historical and Critical Perspectives on Psychology
PSYC*3250	[0.50]	Psychological Measurement
PSYC*3290	[0.50]	Conducting Statistical Analyses in Psychology

1.0 additional credit in Psychology at 3000 level.

Year 4

Students must complete 2.00 credits at the 4000 level in Psychology, comprised of:

PSYC*4780	[0.50]	Advanced Research Methods and Statistics
PSYC*4870	[0.50]	Honours Thesis I
PSYC*4880	[1.00]	Honours Thesis II

Note: Students should note that the Honours Thesis courses are normally taken in a Fall-Winter sequence and are worth the equivalent of 1.50 credits toward the 20.00 credits Honours B.A. degree requirements.

Minor (Honours Program)

(May not be taken in combination with a Psychology Honours Major)

A total of 5.00 credits are required for the Psychology Minor, including:

PSYC*1000	[0.50]	Introduction to Psychology
PSYC*1010	[0.50]	Making Sense of Data in Psychological Research
PSYC*2360	[0.50]	Psychological Methods and Statistics

An additional 2.00 credits selected from the following:

PSYC*2020	[0.50]	Abnormal Psychology
PSYC*2310	[0.50]	Social Psychology
PSYC*2330	[0.50]	Principles of Learning
PSYC*2390	[0.50]	Sensation and Perception
PSYC*2410	[0.50]	Behavioural Neuroscience I
PSYC*2450	[0.50]	Developmental Psychology
PSYC*2650	[0.50]	Cognitive Psychology
PSYC*2740	[0.50]	Personality

An additional 1.50 credits at the 3000 level in Psychology.

Note: There is a maximum number of Psychology credits a student may complete. Please refer to the major for further information.

Psychology (Co-op) (PSYC:C)

Department of Psychology, College of Social and Applied Human Sciences

The discipline of Psychology is normally associated with the social sciences, the biological sciences, and the health professions. Specialization in Psychology at Guelph is available as a B.A. Honours program major and minor and a B.A. General program area of concentration, all of which are described below, as well as a B.A. Honours program Co-op major (PSYC:C).

Through its different undergraduate programs, the Psychology Department provides: a) a broad general education emphasizing psychological theory and methodology, with an empirical basis in course work (e. g., experiments and projects); b) an appropriate background in psychology for those who leave the University with an undergraduate degree to embark on careers in related areas; and c) a sound preparation for graduate study in Psychology.

Program Requirements

The Co-op program in Psychology is a four and a half year program, including three work terms. Students must complete a Fall, Winter and Summer work term, and must follow the academic work schedule as outlined below (also found on the Co-operative Education website: <https://www.recruituelph.ca/cecs/>). Please refer to the Co-operative Education program policy with respect to adjusting this schedule.

Psychology Academic and Co-op Work Term Schedule

Year	Fall	Winter	Summer
1	Academic Semester 1	Academic Semester 2 COOP*1100	Off
2	Academic Semester 3	COOP*1000 Work Term I	Academic Semester 4
3	COOP*2000 Work Term II	Academic Semester 5	COOP*3000 Work Term III
4	Academic Semester 6	Academic Semester 7	Academic Semester 8

To be eligible to continue in the Co-op program, students must meet a minimum 70% cumulative average requirement after second semester, as well as meet all work term requirements. Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary (21.50 Total Credits)*

9.00 - Required Core Courses

1.50 – Humanities credits from at least two areas (BA distribution requirement)

0.50 - Social Science credit outside of PSYC (BA distribution requirement)

1.00 - Natural Science credits (BA distribution requirement)

8.00 - Electives

1.50 - Co-op Work Terms

Note: Three Co-op work terms including a Summer, Fall, and Winter are necessary to complete the Co-op requirement.

The recommended program sequence is outlined below.

Major (Honours Program)

Note: When selecting core and elective credits the student should keep in mind the prerequisites for their desired 3000- and 4000-level courses. When selecting courses beyond Psychology the student should keep in mind both their second specialization (if relevant) and courses appropriate for potential work-term placements.

Note on Honours Courses

Courses designated with (H) are for students in Psychology Honours programs. These include: B.A. Honours Psychology (PYSC, PYSC:C) major or minor, B.A. Information Systems and Human Behaviour (ISHB) major and the Neuroscience (NEUR) major or minor. A cumulative average of at least 70% in all course attempts in Psychology or registration in the ISHB major, NEUR minor, or PBC major or minor is required to enrol in H designated courses.

A total of 9.00 credits are required for the Psychology Co-op BAH. Students must complete 1.50 credits at the 1000 level and 3.00 credits at the 2000 level in Psychology. For those in the Honours Regular Stream, students must complete 3.00 credits at the 3000 level and 1.50 credits at the 4000 level in Psychology. For those in the Honours Thesis Stream, students must complete 2.50 credits at the 3000 level and 2.00 credits at the 4000 level in Psychology.

The maximum number of PSYC credits that students can take at each level is as follows:

1000 level courses: no cap

2000 level courses: 3.50 credits

3000 level courses: 3.50 credits

4000 level courses: 3.00 credits

Students wanting to move more quickly through the program are recommended to take two DE courses in the summer of their first year and/or one DE course during each work term. If they do so, the number of electives required in Semester 8 will depend on how many additional courses the student has taken throughout the program to meet the 20.00 credit requirement.

Graduate Studies Advisory Note: Most graduate programs require the student to have at least an A- average in order to be considered for admission. They also require students follow the Honours Thesis Stream. Students planning on applying to graduate school in Psychology will need to take the following courses in the semesters outlined below: PSYC*3250, PSYC*3290, PSYC*4780, PSYC*4870, and PSYC*4880.

Major (Honours Program)

A total of 9.00 credits are required for the Psychology major BAH.

Year 1

Semester 1 - Fall

Students should complete:

PSYC*1000 [0.50] Introduction to Psychology
2.00 additional credits

Semester 2 - Winter

Students should complete:

COOP*1100 [0.00] Introduction to Co-operative Education
PSYC*1010 [0.50] Making Sense of Data in Psychological Research
PSYC*1500 [0.50] Foundational Skills for Psychology

One of:

PSYC*2390 [0.50] Sensation and Perception
PSYC*2650 [0.50] Cognitive Psychology

One of:

PSYC*2020 [0.50] Abnormal Psychology
PSYC*2740 [0.50] Personality

0.50 additional credits

Summer Semester

If students want to progress more quickly through the program or plan to apply to graduate school, they should complete: 1.00 PSYC credits at the 2000 level. If not taken in the summer semester, they must be completed by the end of semester 4.

Year 2

Semester 3 - Fall

Students should complete:

PSYC*2070 [0.50] Teams, Leadership, and Professional Behaviour
PSYC*2360 [0.50] Psychological Methods and Statistics

One of

PSYC*2330 [0.50] Principles of Learning
PSYC*2410 [0.50] Behavioural Neuroscience I

One of:

PSYC*2310 [0.50] Social Psychology
PSYC*2450 [0.50] Developmental Psychology

0.50 additional credits

Winter Semester

COOP*1000 [0.50] Co-op Work Term I

Semester 4 - Summer

0.50 credits in PSYC at the 3000 level

2.00 additional credits

OPTION A – HONOURS REGULAR STREAM

Year 3

Fall Semester

COOP*2000 [0.50] Co-op Work Term II

Semester 5 - Winter

PSYC*3000 [0.50] Historical and Critical Perspectives on Psychology
PSYC*3290 [0.50] Conducting Statistical Analyses in Psychology

1.00 additional credits in PSYC at the 3000 level

0.50 additional credits

Summer Semester

COOP*3000 [0.50] Co-op Work Term III

Year 4

Semester 6 - Fall

PSYC*3250 [0.50] Psychological Measurement
0.50 additional credits in PSYC at the 4000 level

1.50 additional credits

Semester 7 - Winter

PSYC*4540 [1.00] Practical Applications of Psychology
1.50 additional credits

Semester 8 - Summer

2.50 credits

OPTION B – HONOURS THESIS STREAM

Year 3

Fall Semester

COOP*2000 [0.50] Co-op Work Term II

Semester 5 - Winter

PSYC*3000	[0.50]	Historical and Critical Perspectives on Psychology
PSYC*3250	[0.50]	Psychological Measurement
PSYC*3290	[0.50]	Conducting Statistical Analyses in Psychology

1.00 additional credits

Summer Semester

COOP*3000	[0.50]	Co-op Work Term III
-----------	--------	---------------------

Year 4**Semester 6 - Fall**

PSYC*4780	[0.50]	Advanced Research Methods and Statistics
PSYC*4870	[0.50]	Honours Thesis I

0.50 additional credits in PSYC at the 3000 level

1.00 additional credits at the 3000 or 4000 level

Semester 7 - Winter

PSYC*4880	[1.00]	Honours Thesis II
-----------	--------	-------------------

Semester 8 - Summer

2.50 credits

Sociology (SOC)**Department of Sociology and Anthropology, College of Social and Applied Human Sciences**

The Department of Sociology and Anthropology offers three types of courses: sociology courses with the prefix SOC*; anthropology courses with the prefix ANTH*; and departmental courses with the prefix SOAN*. The departmental category of courses recognizes the fact that the disciplines of sociology and sociocultural anthropology have developed in tandem and it is possible to identify large areas of overlap and convergence in the work of practitioners both historically and in the present. Departmental courses include most of the core theory and methods courses as well as many elective courses. They contribute equally to the subject matter of sociology as well as the subject matter of sociocultural anthropology for purposes of the undergraduate programs of study in both disciplines. Please see the listings for all courses required for the Sociology program.

Note: the following courses may be used towards a sociology specialization:

FRHD*3060	[0.50]	Principles of Social Gerontology
PHIL*2180	[0.50]	Philosophy of Science

Courses will normally be offered in the semesters designated. For information on other semesters these courses will be offered and the semester those courses without designations will be offered, please check with the department. In addition to regularly scheduled courses, students may elect to do independent study. A student who wishes to do a reading course should first consult the professor with whom they wish to work. Please note, a student is allowed a total of 1.00 credits only for reading courses.

SOAN courses will be used towards the Sociology specializations.

Area of Concentration (General Program)

A minimum of 5.00 credits in Sociology and Anthropology is required, including:

ANTH*1150	[0.50]	Introduction to Anthropology
SOAN*2111	[0.50]	Classical Theory
SOAN*2112	[0.50]	Classical Theory
SOAN*2120	[0.50]	Introductory Methods
SOC*1100	[0.50]	Sociology

2.50 additional credits in SOC and SOAN courses, including at least 1.00 credits at the 3000 level

Major (Honours Program)

A minimum of 8.00 credits in Sociology and Anthropology is required, including:

ANTH*1150	[0.50]	Introduction to Anthropology
SOAN*2111	[0.50]	Classical Theory
SOAN*2112	[0.50]	Classical Theory
SOAN*2120	[0.50]	Introductory Methods
SOAN*3070	[0.50]	Qualitative and Observational Methods
SOAN*3120	[0.50]	Quantitative Methods
SOC*1100	[0.50]	Sociology
SOC*3310	[0.50]	Contemporary Theory

4.00 additional credits in SOC and SOAN courses, including at least 1.50 credits at the 4000 level

The following courses may be used toward a sociology specialization:

FRHD*3060	[0.50]	Principles of Social Gerontology
PHIL*2180	[0.50]	Philosophy of Science

Minor (Honours Program)

A minimum of 5.00 credits in Sociology and Anthropology is required, including:

ANTH*1150	[0.50]	Introduction to Anthropology
SOAN*2111	[0.50]	Classical Theory
SOAN*2112	[0.50]	Classical Theory
SOAN*2120	[0.50]	Introductory Methods
SOC*1100	[0.50]	Sociology

2.50 additional credits in SOC and SOAN courses, including at least 1.00 credits at the 3000 level or above

The following courses may be used toward a sociology specialization:

FRHD*3060	[0.50]	Principles of Social Gerontology
PHIL*2180	[0.50]	Philosophy of Science

Spanish and Hispanic Studies (SPAH)**School of Languages and Literatures, College of Arts**

The Spanish and Hispanic Studies program enables students to concentrate on the Spanish language and on Spanish and Latin American literature. Language courses provide study of the grammatical concepts required to establish and enrich reading, writing, oral and aural skills from basic through advanced levels of study. Through literature and film, students are introduced to a variety of cultural, historical, social, and political topics.

The usual first course in Spanish is SPAN*1100. Students with 4U Spanish commonly take SPAN*2000. They may be admitted into SPAN*1110 only with the approval of the Instructor or the Faculty Advisor. Students with native or near native fluency normally begin language courses with SPAN*2000.

All language students are strongly advised to include LING*1000 in their program, and CLAS*1000 among their electives in order to derive the maximum benefit from their studies.

Study Abroad

The Spanish and Hispanic Studies program encourages its students to take advantage of the University of Guelph's exchange programs and the semester abroad opportunities. We offer exchange programs with the University of Málaga and the University of Alcalá de Henares in Spain the Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) and the University of Guadalajara (with over 30 campuses) in Mexico and the University of San Andrés in Argentina. Students also enjoy the semester abroad opportunity every second winter in Guatemala. It is recommended that students go on exchange in their third year. In order to be eligible for an exchange, students should have completed at least SPAN*2010, SPAN*2990, SPAN*2040 and SPAN*3080. Credits successfully completed at the host university are applied towards University of Guelph degree requirements. Please see the International Study section of the undergraduate calendar and consult the Head of Spanish and Hispanic Studies for more information.

Area of Concentration (General Program)

A minimum of 5.00 credits in Spanish and Hispanic Studies is required, including:

2.00 credits from Group A:

SPAN*2040	[0.50]	Culture of Spain
SPAN*2990	[0.50]	Hispanic Literary Studies
SPAN*3080	[0.50]	Spanish American Culture

One of:

SPAN*3220	[0.50]	Literature and Arts I: Spain
SPAN*3230	[0.50]	Literature and Arts II: Latin America

3.00 credits from Group B:

SPAN*1100	[0.50]	Introductory Spanish I
SPAN*1110	[0.50]	Introductory Spanish II
SPAN*2000	[0.50]	Intermediate Spanish I
SPAN*2010	[0.50]	Intermediate Spanish II
SPAN*3210	[0.50]	Topics in Hispanic Studies
SPAN*3230	[0.50]	Literature and Arts II: Latin America
SPAN*3240	[0.50]	Topics in Hispanic Linguistics
SPAN*3500	[0.50]	Advanced Spanish I
SPAN*3700	[0.50]	Experiential Learning and Language
SPAN*3800	[0.50]	Directed Readings in Hispanic Studies
SPAN*3810	[0.50]	Directed Readings in Hispanic Studies
SPAN*4100	[1.00]	Seminar in Hispanic Studies
SPAN*4410	[1.00]	Senior Seminar on Latin American
SPAN*4420	[1.00]	Senior Seminar on Spain or Africa
SPAN*4500	[1.00]	Spanish Translation - Theory and Practice
SPAN*4840	[1.00]	Research Paper in Hispanic Studies

A maximum of 0.50 credits from Group B may be substituted with courses from the following:

ARTH*2050	[0.50]	Modern Latin American Art
CLAS*2000	[0.50]	Classical Mythology
ENGL*2040	[0.50]	Latina/o Literature and Cultural Production: Intro
EURO*1100	[0.50]	European Cinema
EURO*2200	[0.50]	Towards European Modernism
EURO*3300	[0.50]	Violence and Culture in 20th C. Europe
HIST*2920	[0.50]	Republican Latin America
HIST*3150	[0.50]	History and Culture of Mexico
HIST*3230	[0.50]	Spain and Portugal, 1085 to 1668
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
LAT*1100	[0.50]	Preliminary Latin I
LAT*1110	[0.50]	Preliminary Latin II
LING*1000	[0.50]	Introduction to Linguistics
LING*2400	[0.50]	Phonetics

Students wishing to substitute required courses with courses taken abroad, or other options, should consult the Head of Spanish and Hispanic Studies.

Major (Honours Program)

A minimum of 8.00 credits in Spanish and Hispanic Studies is required, including:

3.50 credits from Group A:

SPAN*2040	[0.50]	Culture of Spain
SPAN*2990	[0.50]	Hispanic Literary Studies
SPAN*3080	[0.50]	Spanish American Culture
SPAN*3220	[0.50]	Literature and Arts I: Spain
SPAN*3230	[0.50]	Literature and Arts II: Latin America

One of:

SPAN*4410	[1.00]	Senior Seminar on Latin American
SPAN*4420	[1.00]	Senior Seminar on Spain or Africa

4.50 credits from Group B:

SPAN*1100	[0.50]	Introductory Spanish I
SPAN*1110	[0.50]	Introductory Spanish II
SPAN*2000	[0.50]	Intermediate Spanish I
SPAN*2010	[0.50]	Intermediate Spanish II
SPAN*3210	[0.50]	Topics in Hispanic Studies
SPAN*3240	[0.50]	Topics in Hispanic Linguistics
SPAN*3500	[0.50]	Advanced Spanish I
SPAN*3700	[0.50]	Experiential Learning and Language
SPAN*3800	[0.50]	Directed Readings in Hispanic Studies
SPAN*3810	[0.50]	Directed Readings in Hispanic Studies
SPAN*4100	[1.00]	Seminar in Hispanic Studies
SPAN*4410	[1.00]	Senior Seminar on Latin American
SPAN*4420	[1.00]	Senior Seminar on Spain or Africa
SPAN*4500	[1.00]	Spanish Translation - Theory and Practice
SPAN*4840	[1.00]	Research Paper in Hispanic Studies

A maximum of 1.00 credits from Group B may be substituted with courses from the following:

ARTH*2050	[0.50]	Modern Latin American Art
CLAS*2000	[0.50]	Classical Mythology
ENGL*2040	[0.50]	Latina/o Literature and Cultural Production: Intro
EURO*1100	[0.50]	European Cinema
EURO*2200	[0.50]	Towards European Modernism
EURO*3300	[0.50]	Violence and Culture in 20th C. Europe
HIST*2920	[0.50]	Republican Latin America
HIST*3150	[0.50]	History and Culture of Mexico
HIST*3230	[0.50]	Spain and Portugal, 1085 to 1668
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
LAT*1100	[0.50]	Preliminary Latin I
LAT*1110	[0.50]	Preliminary Latin II
LING*1000	[0.50]	Introduction to Linguistics
LING*2400	[0.50]	Phonetics

Students wishing to substitute required courses with courses taken abroad, or other options, should consult the Head of Spanish and Hispanic Studies.

Minor (Honours Program)

A minimum of 5.00 credits in Spanish and Hispanic Studies is required, including:

2.50 credits from Group A:

SPAN*2040	[0.50]	Culture of Spain
SPAN*2990	[0.50]	Hispanic Literary Studies
SPAN*3080	[0.50]	Spanish American Culture
SPAN*3220	[0.50]	Literature and Arts I: Spain
SPAN*3230	[0.50]	Literature and Arts II: Latin America

2.50 additional credits from Group B:

SPAN*1100	[0.50]	Introductory Spanish I
SPAN*1110	[0.50]	Introductory Spanish II
SPAN*2000	[0.50]	Intermediate Spanish I
SPAN*2010	[0.50]	Intermediate Spanish II
SPAN*3210	[0.50]	Topics in Hispanic Studies
SPAN*3230	[0.50]	Literature and Arts II: Latin America
SPAN*3240	[0.50]	Topics in Hispanic Linguistics
SPAN*3500	[0.50]	Advanced Spanish I
SPAN*3700	[0.50]	Experiential Learning and Language
SPAN*3800	[0.50]	Directed Readings in Hispanic Studies
SPAN*3810	[0.50]	Directed Readings in Hispanic Studies
SPAN*4100	[1.00]	Seminar in Hispanic Studies
SPAN*4410	[1.00]	Senior Seminar on Latin American
SPAN*4420	[1.00]	Senior Seminar on Spain or Africa
SPAN*4500	[1.00]	Spanish Translation - Theory and Practice
SPAN*4840	[1.00]	Research Paper in Hispanic Studies

A maximum of 0.50 credits from Group B may be substituted with courses from the following:

ARTH*2050	[0.50]	Modern Latin American Art
-----------	--------	---------------------------

CLAS*2000	[0.50]	Classical Mythology
ENGL*2040	[0.50]	Latina/o Literature and Cultural Production: Intro
EURO*1100	[0.50]	European Cinema
EURO*2200	[0.50]	Towards European Modernism
EURO*3300	[0.50]	Violence and Culture in 20th C. Europe
HIST*2920	[0.50]	Republican Latin America
HIST*3150	[0.50]	History and Culture of Mexico
HIST*3230	[0.50]	Spain and Portugal, 1085 to 1668
HUMN*1030	[0.50]	What Makes a Literary Classic?
HUMN*3000	[0.50]	Narratives of Migration
LAT*1100	[0.50]	Preliminary Latin I
LAT*1110	[0.50]	Preliminary Latin II
LING*1000	[0.50]	Introduction to Linguistics
LING*2400	[0.50]	Phonetics

Students wishing to substitute required courses with courses taken abroad, or other options, should consult the Head of Spanish and Hispanic Studies.

Statistics (STAT)

Department of Mathematics and Statistics, College of Engineering and Physical Sciences,

Knowledge of statistics is crucial for understanding our world. An understanding of statistics is vital in many disciplines including psychology, sociology, political science, marketing and economics. Students can choose to study statistics as a minor in the B.A. Honours Program or as an area of concentration in the General Program.

Area of Concentration (General Program)

A minimum of 5.00 credits in Statistics and Mathematics is required, including:

- a. no more than 1.00 credits from courses at the 1000 level
- b. 3.00 credits in statistics (STAT), 2.00 of which must be from courses at the 3000 level or above

Recommended Courses

MATH*1200	[0.50]	Calculus I
MATH*1210	[0.50]	Calculus II
STAT*2040	[0.50]	Statistics I
STAT*2050	[0.50]	Statistics II
STAT*3100	[0.50]	Introductory Mathematical Statistics I
STAT*3110	[0.50]	Introductory Mathematical Statistics II
STAT*3240	[0.50]	Applied Regression Analysis

0.50 additional credits in Statistics

0.50 additional credits in Statistics or Mathematics

Honours Programs

Minor (Honours Program)

A total of 5.00 credits is required to complete the minor, including:

(MATH*1080 or MATH*1200)*

(MATH*1090 or MATH*1210)**

MATH*1160	[0.50]	Linear Algebra I
STAT*2040	[0.50]	Statistics I
STAT*2050	[0.50]	Statistics II
STAT*3100	[0.50]	Introductory Mathematical Statistics I
STAT*3110	[0.50]	Introductory Mathematical Statistics II
STAT*3240	[0.50]	Applied Regression Analysis

0.50 additional credits in Statistics

0.50 additional credits in Statistics or Mathematics at the 2000 level or above

* IPS*1500 can count toward this 0.50 credit

** IPS*1510 can count toward this 0.50 credit

Note: Students majoring or minoring in Mathematical Science cannot minor in Statistics.

Studio Art (SART)

School of Fine Art and Music, College of Arts

The School offers programs that allow for concentrated study in Art History or in Studio Art, or a combination of the two disciplines.

The Studio Art program provides a thorough grounding in contemporary art practice, art history, theory, and criticism. Courses are offered in drawing, painting, photography, printmaking, sculpture, computer graphics, and experimental studio. Studio Art majors must also take a selection of courses in art history. Specific requirements are listed below.

Cost of Studio Supplies

The majority of the cost of supplies must be borne by the student. In order to permit the University to subsidize this cost and to allow for savings through discount buying, some materials are obtained through the school by payment of a lab fee. The amount of the fee is established for each semester prior to registration.

Student Counselling

Students who elect to take a substantial number of credits in Studio Art with the objective of graduate work are advised to obtain counseling from their academic advisor regarding their choices. However, in general, it is important to know that graduate studies in Studio Art normally require an in-depth knowledge of traditional and contemporary media, as well as a significant awareness of contemporary art history and theory. Students are encouraged to take electives in other disciplines from across the University to inform their Studio Art practice. Cognate electives in other disciplines in the College of Arts, such as Philosophy, History, and English will almost certainly prove an asset.

Minor

Students wishing to declare the SART minor must have a cumulative average of 70% or higher in the following courses:

SART*1050	[0.50]	Foundation Studio
SART*1060	[0.50]	Core Studio
One of:		
ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II

Students who have not been admitted directly into the major must also meet these requirements in order to declare a SART major.

Major (Honours Program)

A minimum of 9.00 credits is required, including:

SART*1050	[0.50]	Foundation Studio
SART*1060	[0.50]	Core Studio
One of:		
ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II
One of:		
ARTH*2220	[0.50]	The Visual Arts Today
ARTH*2480	[0.50]	Introduction to Art Theory and Criticism
One of:		
SART*2090	[0.50]	Drawing I
SART*2200	[0.50]	Painting I
SART*2460	[0.50]	Printmaking I
SART*2610	[0.50]	Photography I
SART*2700	[0.50]	Digital Media I: Using Vector and Raster Images
SART*2710	[0.50]	Digital Media II: Animation
One of:		
SART*2300	[0.50]	Sculpture I
SART*2800	[0.50]	Experimental Studio I

4.00 additional credits in Studio Art including 1.50 credits at the 4000 level.

2.00 additional credits in Art History including at least 0.50 credits at the 3000 level or above.

Minor (Honours Program)

A minimum of 5.00 credits is required, including:

SART*1050	[0.50]	Foundation Studio
SART*1060	[0.50]	Core Studio
One of:		
ARTH*1510	[0.50]	Art Historical Studies I
ARTH*1520	[0.50]	Art Historical Studies II
One of:		
SART*2090	[0.50]	Drawing I
SART*2200	[0.50]	Painting I
SART*2460	[0.50]	Printmaking I
SART*2610	[0.50]	Photography I
SART*2700	[0.50]	Digital Media I: Using Vector and Raster Images
SART*2710	[0.50]	Digital Media II: Animation
One of:		
SART*2300	[0.50]	Sculpture I
SART*2800	[0.50]	Experimental Studio I

1.00 additional credits in Art History including at least 0.50 credits at the 3000 level or above.

1.00 additional credits in Studio Art including at least 0.50 credits at the 3000 level or above.

0.50 additional credits in either Studio Art (SART) or Art History (ARTH) courses.

Notes:

1. A cumulative average of at least 70% in all course attempts in Studio Arts and Art History is required in order to enter or continue in the Honours Studio Arts program.

Theatre Studies (THST)

School of English and Theatre Studies, College of Arts

The Theatre Studies program is a component of a liberal education, and is dedicated to integrating academic study and theatre practice. The program offers introductory and advanced courses that combine theory and practice with an emphasis on educating well-rounded theatre creators for both the academic and professional spheres. Students will have the opportunity to work on both scripted and devised productions and do in-depth research and analysis. Rather than a focus on individual disciplines such as acting, directing, design and technical theatre, the program integrates this knowledge into a series of variable topic courses that examine performance from various perspectives. Many of these courses have presentational or performance outcomes.

Notes:

1. A maximum of 2.00 credits in Directed Readings or Special Studies Courses (THST*3000, THST*3600) is allowed in the honours program major. A maximum of 1.00 credits in such courses is allowed in honours program minor or the general program area of concentration. Students will normally be permitted to take only 0.50 credits in Directed Readings or Special Studies courses per semester.
Certain approved Dramatic Literature courses from the English Program within the School of English and Theatre Studies or other departments may be counted towards a degree in Theatre Studies. A list of approved courses may be obtained from the School's website: <http://www.arts.uoguelph.ca/sets/>.
2. In connection with THST*1040 and some upper-level courses, students are required as part of the course to attend various specified theatre performances in cities such as Toronto, Stratford, Niagara-on-the-Lake, and London. A special fee is charged for travel to these performances and students will be notified during the first week of classes of the amount of this fee and the dates of the performances.
3. In any given semester, a student may not enroll in more than ONE production-related course at a time. These include: THST*2190, THST*3190, THST*4280.

Area of Concentration (General Program)

A minimum of 5.00 credits in Theatre Studies is required, including :

THST*1040	[0.50]	Introduction to Performance
THST*1190	[0.50]	Theatre Workshop I
THST*1270	[0.50]	Theatre Research I
THST*2050	[0.50]	Devising
THST*2270	[0.50]	Theatre Research II
THST*3170	[0.50]	Special Topics

1.00 additional credit in THST at the 2000 level or above

1.00 additional credit in THST at the 3000 level or above

Major (Honours Program)

A minimum of 8.50 credits in Theatre Studies is required, including:

THST*1040	[0.50]	Introduction to Performance
THST*1190	[0.50]	Theatre Workshop I
THST*1270	[0.50]	Theatre Research I
THST*2050	[0.50]	Devising
THST*2190	[1.00]	Theatre Workshop II
THST*2270	[0.50]	Theatre Research II
THST*3170	[0.50]	Special Topics
THST*4270	[0.50]	Research Seminar I
THST*4280	[1.00]	Ensemble Project

1.00 additional credit in THST at the 2000 level or above

2.00 additional credits in THST at the 3000 level or above

Minor (Honours Program)

A minimum of 5.00 credits in Theatre Studies is required, including :

THST*1040	[0.50]	Introduction to Performance
THST*1190	[0.50]	Theatre Workshop I
THST*1270	[0.50]	Theatre Research I
THST*2050	[0.50]	Devising
THST*2270	[0.50]	Theatre Research II
THST*3170	[0.50]	Special Topics

1.00 additional credit in THST at the 2000 level or above

1.00 additional credit in THST at the 3000 level or above