

## 2018-2019 Undergraduate Calendar

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The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2018-2019 academic year, including the Summer Semester 2018, the Fall Semester 2018 and the Winter Semester 2019.

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

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# Disclaimer

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## University of Guelph 2018

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The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2018-2019 academic year, including the Summer Semester 2018, the Fall Semester 2018 and the Winter Semester 2019.

The University reserves the right to change without notice any information contained in this calendar, including fees, any rule or regulation pertaining to the standards for admission to, the requirements for the continuation of study in, and the requirements for the granting of degrees or diplomas in any or all of its programs. The publication of information in this calendar does not bind the University to the provision of courses, programs, schedules of studies, or facilities as listed herein.

The University will not be liable for any interruption in, or cancellation of, any academic activities as set forth in this calendar and related information where such interruption is caused by fire, strike, lock-out, inability to procure materials or trades, restrictive laws or governmental regulations, actions taken by faculty, staff or students of the University or by others, civil unrest or disobedience, public health emergencies, or any other cause of any kind beyond the reasonable control of the University.

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

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## Introduction

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### Collection, Use and Disclosure of Personal Information

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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 Advanced Education and Skills Development, 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 Advanced Education and Skills Development

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The University of Guelph is required to disclose personal information such as characteristics and educational outcomes to the Minister of Advanced Education and Skills Development under s. 15 of the Ministry of Advanced Education and Skills Development 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 Advanced Education and Skills Development Act, authorizing the collection and use of personal information from colleges and universities by the Minister of Advanced Education and Skills Development, 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 Advanced Education and Skills Development website: <https://www.ontario.ca/page/ministry-advanced-education-and-skills-development> (English) or <https://www.ontario.ca/fr/page/ministere-de-lenseignement-superieur-et-de-la-formation-professionnelle> (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 Advanced Education and Skills Development Act Notice of Disclosure Activities is posted at <https://www.ontario.ca/page/ministry-advanced-education-and-skills-development>

Frequently Asked Questions related to the Ministry's enrolment and OEN data activities are also posted at: <http://www.tcu.gov.on.ca/peps/publications/NoticeOfCollection.pdf>

#### Authority to Disclose Personal Information to Statistics Canada

The Ministry of Advanced Education and Skills Development 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 Ministry of Advanced Education and Skills Development Act authority to disclose personal information in accordance with s. 42(1) (e) of FIPPA

### Notification of Disclosure of Personal Information to Statistics Canada

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

### Address for University Communication

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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

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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, his/her 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

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The University undertakes to protect the privacy of each student and the confidentiality of his or her 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

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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

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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

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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:

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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

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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

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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**

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# Glossary

## Academic Evaluation

The Academic Evaluation Report is a report of a student's academic progress towards the completion of a specified program and specialization.

## Academic Sanction

Academic sanction is the penalty applied to students who fail to make payment, or suitable arrangements for payment, of their University account. Students on academic sanction may not receive semester examination results or official transcripts; may not receive clearance to graduate; and/or may not be allowed to register for a subsequent semester.

## Academic Session

See Academic Term.

## Academic Term

An academic term is an independent academic period of 15 weeks, half of an academic year. Also referred to as a semester (see definition below).

## Academic Year

An academic year is two semesters; undergraduate traditionally classified as first year (freshman), second year (sophomore), third year (junior), or fourth year (senior). Under the semester system this classification has less meaning than under a whole year system but is occasionally used to indicate the level at which a student has arrived.

## Add Period

The add period opens prior to the beginning of the semester where students are permitted to add courses for the current semester.

## Assigned Grade

An assigned grade is a numerical grade based on the instructor's recommendation and granted at the discretion of the Program Committee to students who have not completed course requirements.

## Audit

An audit is registration in a course for which degree or diploma credit is not sought. Audited courses are not reported on the official transcript or academic record.

## Baccalaureate

Baccalaureate refers to an undergraduate degree awarded by the University upon successful completion of the requirements of a program.

## Certificate (degree level)

See Secondary Area of Study.

## Class Days

Class days are used to express deadlines. Class days are calculated from the start of the regular class schedule. (See Schedule of Dates).

## Class Level

Class level is a determination of a student's progression in an academic program by credit weights with increments of 2.50 credits.

## Clearance to Graduate

Clearance to graduate denotes that an applicant for graduation has satisfied all program requirements and is recommended for graduation.

## Cohort Year

Cohort year refers to the academic calendar year for your first admission to the university OR the calendar year for subsequent admission to a new program or readmission to the same program or a new program. Tuition fees are assessed based on this assigned year.

## Compassionate Grounds

Compassionate grounds are reasons of a serious personal nature which, subject to the approval of a committee or authorized person, justifies a variation of the rules in the case of a particular student.

## Core course

A core course is one which is listed in a schedule of studies in the Undergraduate Calendar and identified as being a required course for a program.

## Corequisite

A corequisite is a course where the content is integrated with that of another course such that the courses must be taken simultaneously.

## Course

A course is an organized unit of study extending over a semester, (e.g. Economics ECON\*1100).

## Course Attempt

A course attempt reflects the situation where a student has completed courses either satisfactorily or unsatisfactorily.

## Course Equate

Equate indicates a course identical to the one under which it is listed. The course may have been re-numbered or may be cross-listed under two subject areas. **Students will not be permitted to register in both equated courses.**

## Course Level

Course level denotes the seniority of a course. 1000-level and 2000-level courses are considered first and second year courses. 3000-level and 4000-level courses are considered senior level courses.

## Course Load

Course load denotes the total weight of the credits in which a student is enrolled determining part-time or full-time status. Courses taken via Letter of Permission are not used to calculate course load.

## Course Restriction

A restriction is a "rule" that is placed on the computer system (Colleague) at the direction of an academic department so that particular students may or may not register in particular courses. The course may be restricted because there is sufficient over-lap in content with another course so that it is inappropriate for the student to take a similar course for credit. In a different instance, the course may be restricted by "Instructor Consent" so that the student must discuss the special requirements of the course with the instructor before enrolling. Or, alternatively, the restriction may reflect a "Priority Access" designation for enrolment management purposes. (See Priority Access).

## Course Section

A course section is a subgroup of a course that denotes time and location.

## Course Selection

Course selection is the process by which students select course sections for the succeeding semesters.

## Credit

A credit is a unit of academic measurement equivalent to a single-weighted one-semester course.

## Credit Standing

Credit standing (CRD) denotes that the student has successfully completed a course, but was not assigned a numerical grade.

## Cumulative Average

Cumulative Average is calculated by dividing the weighted course total by the total credit attempts over all semesters (see Weighted Course Total).

## Degree Program

See Program and Baccalaureate.

## Deferred Privilege

A deferred privilege (DEF) is a temporary extension of time granted at the discretion of a Program Committee to a student for completion of the requirements of a course, normally for illness or compassionate reasons.

## Diploma (degree-level)

See Secondary Area of Study.

## Diploma Program Calendar

The Diploma Program Calendar is an annual publication containing official information about Associate Diploma Programs and regulations of the University of Guelph and Ridgeway campus.

## Drop Period

The drop period for single semester courses starts at the beginning of the add period and extends to the 40th class day where students are permitted to drop a course for the current semester.

The drop period for two semester courses starts at the beginning of the add period in the first semester and extends to the last day of the add period in the second semester. See Two-Semester Courses.

## Elective

An elective is a course, acceptable within the program but chosen at the discretion of the student.

## Equate

See Course Equate.

## Faculty Advisor

See Chapter VII - Academic Advising.

## Grade Report

A grade report is released by the Registrar to each student at the conclusion of a semester via WebAdvisor. It notes the courses attempted and the grades assigned (if applicable).

## Hiatus

See Withdrawal.

## In-course Student

In-course refers to a student enrolled in a program of study at the University.

## Mailing Address

The mailing address is a temporary address used for mailing if one is recorded; otherwise the home address is used.

## Minor

See Secondary Area of Study.

## New Student

New student refers to a student who has never before been registered at the University of Guelph.

## Prerequisite

A prerequisite is a prior requirement for entry into a course. Where a course is specified as a prerequisite, pass standing in the course is required.

## Priority Access

Priority Access is the process by which a department implements course restriction rules in order to limit registration in a course where enrolment demand habitually exceeds course capacity and where there is demonstrated need to restrict access to a particular cohort of students on a priority basis. In general, course restrictions are clearly defined in the calendar course listings so that students are advised in advance of the intended audience for the course.

## Program

A program is a structure of courses leading to a University degree (e.g. B.A.Sc. program).

## Program Counsellor

See Chapter VII - Academic Advising.

The Program Counsellor is someone who assists students in the development of educational plans which are realistic and compatible with their life goals by helping to identify and assess alternatives and consequences of decisions, and providing interpretation of regulations applying to the specific degree program.

## Registration

Registration is the official enrolment of students in the University for a particular semester, and includes the selection of course sections and the payment of tuition fees and, where appropriate, other University fees.

## Required to Withdraw

See Rustication.

## Restricted Elective

A restricted elective is a course which must be chosen from a stated group of courses to satisfy the program requirements.

## Restriction

See Course Restriction

## Rustication

A defined period of time during which the student is not eligible to register in their current academic program as a result of an academic review decision. After the period of rustication the student must apply for re-admission to the University of Guelph.

## Schedule of Dates

The schedule of dates is a list of significant dates at the University, approved by Senate.

## Schedule of Studies

A schedule of studies is the requirements for specializations, majors, minors, and various levels of concentration of study within a degree program, including programs without specialization. Schedules of studies are completed within a specific degree program and must normally be declared by the start of semester 3. Students need to be aware that progress within a program and graduation with a degree from that program depends upon a) the degree program requirements, and b) the requirements for the declared schedule of studies.

## Secondary Area of Study

An identified set and sequence of courses, and/or other units of study, research and practice within an area of disciplinary or interdisciplinary study, which is completed on an optional basis while fulfilling the requirements for the awarding of a degree, and may be recorded on the graduate's academic record. The curriculum of a secondary area of study may be composed of elements of the core course offerings of a major, or may be a coherent package of courses organized around a theme, a course of study that bridges two or more disciplines, and/or a training program for a particular skill. Secondary Area may be a minor or degree-level certificate or diploma.

## Semester

A semester is an independent academic period of 15 weeks, half of an academic year; similar to a term at other universities. Summer semester is from May to August. Fall semester is from September to December. Winter semester is from January to April. (see Weighted Course Total)

## Semester Average

Semester Average is calculated by dividing the weighted course total by the total credit attempts in the semester (see Weighted Course Total).

## Semester Level

See Class Level.

## Session

A session is an academic period of 7 weeks within the Summer semester, including 6 weeks of classes and 1 week of examinations. Courses presented during a session will be equivalent to a regular semester offering.

## Specialization

For specialization see schedule of studies.

## Subject

A subject is a defined sector of study composed of 1 or more courses within a discipline.

## Supplemental Privilege

Supplemental privileges are granted at the discretion of the Program Committee, and in consultation with the instructor, affording a student who has received a failing grade on the original course attempt, the opportunity to obtain credit for the course while retaining the original failing grade.

## Transcript

A transcript is an official document prepared by the Registrar recording a student's courses and grades. After convocation, the degree earned including the area(s) of specialization (major, minor, area of concentration, area of emphasis), graduation standing, and the conferral date are noted on the transcript.

## Two-Semester Course

A two-semester course is a course that is taken over 2 continuous semesters and counts as 2 course attempts for classification, continuation of study and calculation of fees. Two semester courses cannot be split.

## Undergraduate Calendar

The undergraduate calendar is an annual publication containing official information about the undergraduate academic programs and regulations of the University.

## Weighted Course Total

Weighted Course Total is the sum of the credit weights multiplied by the grade received in each course.

**Withdrawal**

Withdrawal of registration for an academic term after the start of classes.

**Withdrawal with Failure**

Withdrawal with failure may be applied to a course or an academic term. The notation "WF" will appear against the course(s) in the grade field on the official transcript.