The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2019-2020 academic year, including the Summer Semester 2019, Fall Semester 2019 and the Winter Semester 2020.

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

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

The University is a full member of:

• Universities of Canada

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Revision Information:

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Disclaimer
The Office of Graduate and Postdoctoral Studies has attempted to ensure the accuracy of this on-line Graduate Calendar. However, the publication of information in this document does not bind the university to the provision of courses, programs, schedules of studies, fees, or facilities as listed herein.

Limitations
The University of Guelph reserves the right to change without notice any information contained in this calendar, including 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 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 the 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.

The University of Guelph reaffirms section 1 of the Ontario Human Rights Code, 1981, which prohibits discrimination on the grounds of race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, handicap, age, marital status or family status.

The university encourages applications from women, aboriginal peoples, visible minorities, persons with disabilities, and members of other under-represented groups.
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/DLB_Laws/Statutes/English/90f31_e.htm. 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 https://www.uoguelph.ca/registrar/.

Statistics Canada - Notification of Disclosure

For further information, please see Statistics Canada's web site at http://www.statcan.gc.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.

Home Address

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Registrarial 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, their 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 their 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://www.uoguelph.ca/secretariat/office-services/university-secretariat/university-policies.
Learning Outcomes

Graduate Degree Learning Outcomes

On May 27, 2013, the University of Guelph Senate approved the following five University-wide Learning Outcomes as the basis from which to guide the development of graduate degree programs, specializations and courses:

1. Critical and Creative Thinking
2. Literacy
3. Global Understanding
4. Communication
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.

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. At the graduate level, originality in the application of knowledge (master’s) and undertaking of research (doctoral) is expected.

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

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.

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.

Communication

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

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. At the graduate level, intellectual independence is needed for professional and academic development and engagement.

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

On the basis of information received from the Board of Graduate Studies, colleges or departments, the 2019-2020 Graduate Calendar includes the following revisions:

Note
Those who may have used the PDFs to download and print off these calendar sections are advised to re-print the revised sections accordingly. Please be aware sectioning, page numbering, table of contents may have changed.

May 1, 2019
Initial publication of 2019/2020 Graduate Calendar

June 28, 2019
Chapter I - Schedule of Dates
Change to last day to drop one and two semester course

Chapter II - General Regulations
Additions to Establishment of Advisory Committee
Changes to Major Research Project or Paper (Course based Master's)
Change to transcript submission date - application for admission

Chapter IV - Degree Regulations
Change to Master's degree regulations

Chapter IX - Graduate Programs
ANSC*6240 - change to semester offering
BIOM*6400 - change to course title
Business Administration - change to admission requirements
BUS*6050 - change to course name and description
BUS*6110 - change to course description
BUS*6140 - change to course description
BUS*6150 - change to course description
BUS*6180 - change to course description
BUS*6200 - change to course description and restriction
BUS*6450 - change to course restriction
BUS*6700 - change to course description
BUS*6790 - change to course description
CIS*6560 - change to course name
CLIN*6550 - change to semester offering and description
CLIN*6560 - change to semester offering and description
Creative Writing - change to procedures and thesis components
Food, Agricultural and Resource Economics - change to program requirements
FARE*6380 - change to prerequisites
HTM*6630 - Course deletion
Landscape Architecture - addition of Research and Thesis components
PLNT*6340 - change to course restriction
Population Medicine - addition of Public Health field
POPM*6250 - change of course name and addition of restriction
Public Health - addition of advising component to MPH program
POPM*6250 - change of course name and addition of restriction
Public Health - addition of advising component to MPH program
POPM*6250 - change of course name and addition of restriction
Studio Art - addition of advisory committee component, addition to Master's Examination
Tourism and Hospitality (MSc & GDIP) - addition to admission requirements
Tourism and Hospitality (MSc & GDIP) - change to restricted electives
TRMH*6080 - Course addition
TRMH*6110 - Course addition
TRMH*6120 - Course addition
TRMH*6630 - Course addition
UNIV*6000 - Change to offering department
UNIV*6010 - Change to offering department
UNIV*6020 - Change to offering department
UNIV*6050 - Change name, description, department and restriction
UNIV*6060 - Change to offering department
UNIV*6070 - Change to offering department
UNIV*6080 - Change to offering department
UNIV*6090 - Change to offering department
UNIV*6800 - Change to offering department

September 2, 2019
Chapter I - Schedule of Dates
Change to last day to drop one and two semester course
Change to course selection date

Chapter II - General Regulations
Changes to student classification procedures and drop deadline
Change to transcript submission date

Chapter IV - Degree Regulations
Change to Master's degree regulations

Chapter IX - Graduate Programs
ANSC*6240 - change to semester offering
Artificial Intelligence - addition to program requirements
BIOM*6400 - change to course title
Business Administration - change to admission requirements
BUS*6050 - change to course name and description
BUS*6110 - change to course description
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UNIV*6080 - Change to offering department
UNIV*6090 - Change to offering department
UNIV*6800 - Change to offering department

December 10, 2019
Chapter II - General Regulations
Changes to Full and Part-time classification wording
Addition of minimum grade for transfer credit

Chapter IV - Degree Regulations
DVs: Qualifying and Final Oral Examinations - update of examination committee members

Chapter IX - Graduate Programs
Animal Biosciences - addition of One Health Collaborative Specialization

Chapter X - Collaborative Specializations
Addition of Clinical Studies department to Neuroscience collaboration
Biomedical Sciences - addition of three additional fields of study
Biomedical Sciences - addition of One Health Collaborative Specialization
Computational Sciences - addition of One Health Collaborative Specialization
Computer Science - addition of One Health Collaborative Specialization
Engineering - change to the MASc and PhD Program Requirements
Engineering - addition of One Health Collaborative Specialization
Environmental Sciences - addition of One Health Collaborative Specialization
Food Science - addition of One Health Collaborative Specialization
French - deletion of program fields
Geography - addition of One Health Collaborative Specialization
History - addition of One Health Collaborative Specialization
HIST*6630 - course addition
Human Health and Nutritional Sciences - addition of One Health Collaborative Specialization
Integrative Biology - addition of One Health Collaborative Specialization
MGMT*6200 - change to course offering
Molecular and Cellular Biology - addition of One Health Collaborative Specialization
One Health - addition of Collaborative Specialization
ONEH*6000 - course addition
ONEH*6100 - course addition
ONEH*6200 - course addition
Pathobiology - addition of One Health Collaborative Specialization
Philosophy - addition of One Health Collaborative Specialization
PHYS*7510 - addition of course restriction
Political Science - addition of One Health Collaborative Specialization
Population Medicine - addition of One Health Collaborative Specialization
POPM*6800 - Course addition
POPM*6960 - Course addition
Public Issues Anthropology - addition of One Health Collaborative Specialization
Rural Planning and Development - addition of One Health Collaborative Specialization
TOX*6200 - change to course description
TOX*6590 - change to course description and addition of restrictions

Chapter X - Collaborative Specializations

One Health - addition of Collaborative Specialization

January 28, 2020

Chapter I - Schedule of Dates

Addition of the Summer 2020 schedule of dates