2019-2020 Graduate Calendar

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

Contact Information:

University of Guelph
Guelph, Ontario, Canada
N1G 2W1
519-824-4120

Revision Information:

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 1, 2019</td>
<td>Initial Publication</td>
</tr>
<tr>
<td>June 28, 2019</td>
<td>Revision 1</td>
</tr>
</tbody>
</table>
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) at [http://www.otoronto.gov.on.ca/DBI_laws/Statutes/English/90r31_e.htm](http://www.otoronto.gov.on.ca/DBI_laws/Statutes/English/90r31_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/](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](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](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.
# Table of Contents

XI. International, Aboriginal and Intercultural Support .......... 183
  Centre for International Programs ......................................................... 183
  Office of Intercultural Affairs and Aboriginal Resource Centre ............... 183
XI. International, Aboriginal and Intercultural Support

Centre for International Programs

In keeping with the mission statement of the University of Guelph, the Centre for International Programs (CIP) fosters international and intercultural learning among members of our campus community to stimulate a sense of partnership and global responsibility as scholars and citizens.

The Centre encourages the development of global awareness in academic offerings, helps to initiate study abroad opportunities for graduate students and promotes partnerships with universities around the world.

The Centre conducts pre-departure orientations on-line using DepartSmart for all students travelling outside of Canada for any University related activity. CIP also oversees the University’s Safe International Travel Policy and the emergency response protocol for overseas programs. In addition, CIP administers the mandatory Guard me insurance plan for student travel.

The Centre’s website http://www.uoguelph.ca/cip has information on internship, study and research opportunities overseas, scholarships and application forms for University of Guelph study abroad programs. For more information, call the Centre at (519) 824-4120, Extension 54876 or e-mail CIP@uoguelph.ca

Office of Intercultural Affairs and Aboriginal Resource Centre

The Office of Intercultural Affairs (OIA) and Aboriginal Resource Centre (ARC) in Student Experience support the transition, learning and development needs of undergraduate and graduate international, Aboriginal and LGBTQ+ students, students from racially diverse backgrounds and students of various faith perspectives at the University of Guelph https://www.uoguelph.ca/studentexperience

The Cultural Diversity Advisor, Amilah Baksh, provides counseling, advising and personal support for racialized and minority students on topics such as academics, building community and connection and wellness. Amilah is located in Student Experience, University Centre Level 3. For more information email baksha@uoguelph.ca or call (519) 824-4120, Extension 53681.

The International Student Advisors, Matthew Keefe and Yassin Sagnia, provides advising and personal support for international graduate students on topics such as living in Canada, finances, academics and the advisor-student relationship. Matthew and Yassin are located in Student Experience, University Centre Level 3. For more information email Matthew at mkeefe@uoguelph.ca or call (519) 824-4120, Extension 58698. Contact Yassin at ysagnia@uoguelph.ca or call (519) 824-4120, Extension 58686.

The Aboriginal Student Advisor, Natasha Young, provides counselling, advising, and personal support for First Nations, Métis and Inuit graduate students on topics such as academics, finances, finding community and cultural connections and wellness. Natasha is located in the Aboriginal Resource Centre, Federal Building. For more information email natasha.young@uoguelph.ca or call (519) 824-4120, Extension 52189.

The Sexual and Gender Diversity Advisor, Jarred Sanchez-Cacnio, provides advising, and personal support for LGBTQ+ students on topics such as academics, finances, housing, finding community and wellness. Jarred is located in Student Experience, University Centre Level 3. For more information email Jarred at cacnioj@uoguelph.ca or call (519) 824-4120, Extension 54166.

The Multi-Faith Resource Team (MFRT) represents a number of faiths and works together to meet the religious and spiritual needs of the University community. Faiths include: Buddhist, Christian, Hindu, Jewish, Muslim, Sikh and Spiritual but not Religious. The MFRT works with students to help connect them to a community that meets their needs. For more information email faith@uoguelph.ca or call (519) 824-4120, Extension 58909.

OIA and ARC deliver of orientation sessions for graduate students, and offer a variety of guidance, community connections, information, and programs for students. ARC also offers workshops and training seminars to graduate students and faculty who plan to undertake research with Aboriginal communities.