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

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, 2018</td>
<td>Initial Publication</td>
</tr>
<tr>
<td>August 10, 2018</td>
<td>Revision 1</td>
</tr>
</tbody>
</table>
Disclaimer
The Office of Graduate 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/D BL_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, 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

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://www.uoguelph.ca/secretariat/office-services/university-secretariat/university-policies].
# Table of Contents

XIV. Administration & Faculty .......................................................... 216
  - Board of Governors ........................................................................ 216
  - Administrative Officers .................................................................. 216
  - College of Arts ............................................................................... 216
  - College of Biological Science .......................................................... 216
  - College of Business and Economics .................................................. 216
  - College of Engineering and Physical Science ...................................... 216
  - College of Social and Applied Human Sciences ................................. 216
  - Ontario Agricultural College ............................................................. 217
  - Ontario Veterinary College ................................................................. 217
  - The Faculty of Graduate Studies ......................................................... 217
  - Graduate Students' Association ............................................................ 218
  - The Office of Student Affairs ............................................................... 218
XIV. Administration & Faculty

Board of Governors

The Chancellor of the University
Martha Billes

Past Chancellor
David Mirvish

President and Vice-Chancellor
Franco J. Vaccarino

Chair
Kevin Golding

Vice-Chairs
Shauneen Bruder
Paul Gallagher

Members
Kevin Golding (Chair), Richard Appiah, Carolyn Augusta, Graham Badun, Martha Billes, Gerrit Bos, Nancy Brown-Andison, Shauneen Bruder, Nancy Croitoru, Mary Deacon, Lindsey Fletcher, Eleanor Fritz, Paul Gallagher, Paul Gibson, Sally Hickson, Bill Hogarth, Andrew Kattain, Andrew Marsh, Coral Murrant, Neil Parkinson, Prashant Pathak, Byron Sheldrick, Irene Thompson, Franco Vaccarino, Gen Gauthier-Chalifour (University Secretary)

Administrative Officers

President and Vice-Chancellor
F. Vaccarino B.Sc., Toronto, M.Sc., Ph.D, McGill

University Secretary
G. Gauthier-Chalifour, BA Wilfrid Laurier, MA Leadership Guelph

Associate University Secretary
Sarah Willey-Thomas BA, MI MIP Wilfrid Laurier

Associate University Secretary
B. Doadt BFA Ryerson, JD Western

Assistant University Secretary and Privacy/Judicial Officer
K. Ingoldsby BA Western, CHRP Fanshawe, CIPP/C (on leave)

Acting Assistant University Secretary and Privacy/Judicial Officer
Graham Brown BA, MA Guelph, JD Ottawa

Provost and Vice-President Academic
Charlotte Yates, BA Winnipeg, MSc Queen’s, PhD Carleton

Vice-President Finance, Administration, and Risk
D. O’Leary BBA New Brunswick

Vice-President External
D. Atlin BA Western

Vice-President Research
M. Campbell, BSc British Columbia, PhD Guelph

Associate Vice-President Research Services
J. R. Livernois BA Toronto, MA, PhD British Columbia

Interim Associate Vice-President Research, (Agri-Food Partnership)
Bev Hale BSc, MSc Toronto, PhD Guelph

Associate Vice-President Major Gift Advancement
Karen Bertrand BA Guelph, BA Queen’s

Associate Vice-President Alumni Advancement
Jason Moreton BA Guelph, MA Wilfrid Laurier

Associate Vice-President Academic
S. Desmaris BA, MA, PhD Waterloo

Assistant Vice-President Graduate Studies
B. Bradshaw, BA Trent, PhD Guelph

Associate Vice-President Student Affairs
B. Whiteside BA, MA Guelph

Associate Vice-President Finance and Integrated Planning
TBA

Assistant Vice-President Faculty and Academic Staff Relations
T. Jandrisits BA, Guelph

Assistant Vice-President Diversity and Human Rights
J. Ngobia MA Eastern Africa, MEd, PhD Toronto

Associate Vice-President Human Resources
M. Harley HBSc Western Ontario

Assistant Vice-President, Communications and Public Affairs
C. Cunningham, BES Waterloo

University Registrar
R. Darling BA, MA Guelph

Assistant Vice-President Institutional Analysis and Planning
Karen Menard BA Carleton, MA, PhD Waterloo

College of Arts

Dean
S. Brennan BA Dalhousie, PhD Illinois

Associate Dean, Research
A. Bailey BA, MA Oxford, PhD Calgary

Interim Associate Dean, Academic
R. Mueller BA, MA, PhD York

College of Biological Science

Dean
Jonathan A. Newman BA, PhD State Univ. of New York

Associate Dean, Research and Graduate Studies
G. Van Der Kraak BSc, MSc Manitoba, PhD British Columbia

Associate Dean, Academic
B. Husband BSc, MSc Alberta, PhD Toronto

College of Business and Economics

Dean
J.M. Christensen Hughes BComm Guelph, MBA, PhD York

Associate Dean, Research and Graduate Studies
C. McKenna BSc Salford, DPhil York

Associate Dean, Academic
K. Godfrey BSc Guelph, PhD Western, P.Eng

Assistant Dean and Executive Director of Executive Programs
C. Evans BSc, Toronto, MA, PhD Guelph

College of Engineering and Physical Science

Dean
M. Wells, Professor, BEng McGill, PhD British Columbia, P.Eng

Associate Dean, Academic
K. Gordon BSc Guelph, PhD Western, P.Eng

Assistant Dean, Research and Graduate Studies
L. Brown MSc, PhD Moscow State

College of Social and Applied Human Sciences

Dean
G. Chapman BSHEc Saskatchewan, MSc, PhD Toronto
Associate Dean, Research
  B. Leach BA Carleton, MA, PhD Toronto

Associate Dean, Academic
  B. Sheldrick BA Carleton, LLB Toronto, MA, PhD York

Ontario Agricultural College

Dean and Associate Dean, External Relations
  R. Van Acker BSc, MSc Guelph, PhD Reading

Associate Dean, Academic
  J. Schmidt BSc, PhD Toronto

Interim Associate Dean, Research and Innovation
  R. Hallett BSc Toronto, MPM, PhD Simon Fraser

Ontario Veterinary College

Dean
  J. Wichtel BVSc, PhD Massey ACT

Associate Dean, Clinical Programs
  S. Nykamp, DVM, Dipl ACVR

Associate Dean, Research and Innovation
  G. Kirby, DVM Guelph, MSc Surrey, PhD Guelph

Associate Dean, Academic
  K. Lissemore BSc Toronto, DVM, DVSc Guelph

Associate Dean, Student
  P. Conlon BSc (Agr), MSc McGill, DVM, PhD Guelph

The Faculty of Graduate Studies

Assistant Vice-President (Graduate Studies)
  Ben Bradshaw BA Trent, PhD Guelph

Associate Dean
  Teresa J.D. Crease BSc, MSc Windsor, PhD Washington

Graduate Faculty
Members of regular graduate faculty are appointed from among the faculty members of the university, on recommendation of their department chair or director of a school to the Board of Graduate Studies. Membership is contingent upon continuing participation in the graduate program of the university and is subject to annual review. Faculty members in departments without graduate programs may be appointed as graduate faculty in another department.

Graduate Faculty Categories

Regular Graduate Faculty: Regular Graduate Faculty are tenured and tenure stream faculty at the University of Guelph. (Contractually-limited appointments are not included in this category — see Associated and Special Graduate Faculty.) In most cases, Regular Graduate Faculty are expected to hold a PhD or the most senior degree in their particular area of expertise with an appropriate level of scholarship. Exceptions to this guideline must be accompanied by justification to the Board of Graduate Studies outlining the nature and extent of the experience or other training that equips the nominee for membership of Regular Graduate Faculty. To retain active status, individuals nominated to Regular Graduate Faculty must be involved on a regular basis with aspects of graduate education including advising students (as principal advisor or as co-advisor) and examining students and teaching graduate courses. Departments, programs and schools are expected to provide support in the form of mentoring for faculty newly appointed to the University, especially individuals who do not possess previous experience advising students. As part of the commitment to mentoring, a newly appointed Faculty Member may be required to serve as co-advisor linked in the early part of his/her career with a more experienced Faculty Member. Such decision shall normally not extend beyond three years from the date of appointment, and shall be reviewed by the Dean in his/her annual meeting with the Faculty Member, and the dean shall decide, in consultation with the Faculty Member, when the Faculty Member may commence serving as principal advisor. It is expected that the performance of Regular Graduate Faculty will be assessed as an integral part of the Promotion and Tenure process. Where there are substantiated concerns in the Faculty Member’s performance of aspects of graduate education, the Faculty Member may continue to hold active Regular Graduate Faculty status; however, restriction(s) may be placed on some or all of his/her graduate education activities.

Associated Graduate Faculty: Associated Graduate Faculty are appointed to serve as co-advisors and may participate in all other aspects of graduate education, but they may not serve as primary advisors. Associated Graduate Faculty status is not normally for members of the tenure stream of faculty at the University of Guelph, but rather for individuals who are Professor Emeritus Emerita, University Professor Emeritus Emerita, or hold a senior academic degree in their particular area of expertise and have appropriate research experience. Tenure track Faculty Members who are not engaged in all aspects of graduate education may hold this status if they continue to be involved in some aspect of graduate education. Associated Graduate Faculty should have experience serving on graduate student advisory committees. Departments, programs, and schools are expected to provide support for Associated Graduate Faculty that is appropriate to their particular situation, graduate student advisory experience, and role(s) in the graduate program. Appointments are for a four-year term, renewable upon application and a satisfactory performance review conducted by the host program, department, or school.

Special Graduate Faculty: Special Graduate Faculty are appointed for specific tasks in support of graduate programs, such as teaching graduate courses and serving on advisory and/or examination committees, but they may not serve as advisor or co-advisor. The roles and responsibilities of the nominee must be defined at the time of nomination, and each revision of the roles and responsibilities must be submitted for approval by the Board of Graduate Studies. Although senior academic qualification and experience is desirable for Special Graduate Faculty, this is not essential. The term will be consistent with the nature of the appointment.

With rare exception, graduate students are not permitted to serve as graduate course instructors. Graduate students are also not permitted to serve as members on either the advisory or examination committees of another graduate student. Research associates and post-doctoral fellows may not be nominated as advisory committee members for students supervised by their faculty advisor and/or supervisor.

The complete Policy on Appointment to Graduate Faculty Status can be found at http://www.uoguelph.ca/policies/
Graduate Students' Association

All graduate students of the University of Guelph, including part-time students, are members of the association and are encouraged to participate in its events and activities. The purposes of the association are: to represent the graduate student body in all matters pertinent to its welfare; to act as a liaison between the graduate student body and faculty, the administration and the undergraduate student body; and to promote social and cultural activities.

The Grad Lounge is a licensed lounge facility and common area. It is located on Level 5, of the University Centre, Ext. 58117. These facilities provide a focal point for social and cultural activities of graduate students.

The GSA administers the Dental Plan and sets guidelines and policies on the Health Plan for all full-time graduate students.

The office for the Graduate Students' Association is beside the Graduate Student Lounge, University Centre, Level 5 (Room 524 U.C. North) Ext. 56685.

Elections are held in February for the following executive positions (term effective May 1 to April 30 of each year):

- President
- Vice-President Internal
- Vice-President External
- Vice-President Finance
- Vice-President Activities and Media

The governing body of the Association is the Board of Directors, consisting of the executive officers and departmental representatives. For a current listing of monthly meeting dates, please call the GSA office at Ext. 56685 or visit the GSA website: www.uoguelph.ca/~gsa. All graduate students are welcome to attend.

The Office of Student Affairs

Associate Vice-President (Student Affairs)

B. Whiteside BA, MA Guelph

Assistant to the Vice-President (Student Affairs)

J. Westlake BA Guelph (on-leave)
Kara McFarlane

The Associate Vice President, Student Affairs, is responsible for student services programs at the University of Guelph. This includes addressing the needs of individual students through specific student services programs and working to create an environment that is conducive to intellectual and personal growth.

The Office of Student Affairs is located in the University Centre, Level 4. The Associate V.P. (Student Affairs) is responsible for overall management of the Departments of Athletics, Student Health Services, Student Housing Services, Co-operative Education and Career Services, Student Life and Counselling Services, Child Care and Learning Centre, and Health and Performance Centre.

Student Affairs' Units provide learning opportunities and support services to help students achieve their goals in the context of the University's learning objectives and to be effective contributors in society. Student Affairs staff are committed to helping students by promoting a sense of personal responsibility and self-reliance in addition to assisting in specific problem-solving activities.