

2020-2021 Graduate Calendar

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

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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UNIVERSITY
of GUELPH

CHANGING LIVES
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Disclaimer

The information published in this Graduate 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.

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/DBLaws/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.

Table of Contents

XIII. Administration & Faculty	216
Board of Governors	216
Administrative Officers	216
College of Arts	216
College of Biological Science	216
Gordon S. Lang School 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 Vice-Provost, Student Affairs	218

XIII. Administration & Faculty

Board of Governors

The Chancellor of the University

TBA

President and Vice-Chancellor

Franco J. Vaccarino

Chair

Shauneen Bruder

Vice-Chair

Nancy Brown Andison

Members

Shauneen Bruder (Chair), Richard Appiah, Gerrit Bos, Chancellor (TBA), Nancy Brown Andison (Vice Chair), Andrew Duncan, Theresa Firestone, Eleanor Fritz, Paul Gibson, Bill Hogarth, Danyelle Liddle, Stuart McCook, Michael Pacheco, Neil Parkinson, Prashant Pathak, Carol Poulsen, Glen Pyle, Byron Sheldrick, Deb Stark, Cameron Stotts, 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, MIPP 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

Director, Major Gift Advancement

Amy Atkinson, BA Wilfrid Laurier

Associate Vice-President Advancement

J. Moreton, BA Guelph, MA Wilfrid Laurier

Associate Vice-President Academic

C. Dewey, DVM, MSc, PhD Guelph

Assistant Vice-President Graduate Studies

B. Bradshaw, BA Trent, PhD Guelph

Vice-Provost Student Affairs

C. Chassels, BA, BEd York, MEd, PhD Toronto

Associate Vice-President Financial Services

L. Kimball, CPA, CGA

Assistant Vice-President Faculty and Academic Staff Relations

T. Jandrisits, BA, Guelph

Interim Assistant Vice-President Diversity and Human Rights

B. Whiteside, BA, MA Guelph

Associate Vice-President Human Resources

M. Harley, HBS Western Ontario

Director, Integrated Communications

L. Bona Hunt, BS Utah, MA (Leadership) Guelph

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 and Graduate Studies

A. Bailey BA, MA Oxford, PhD Calgary

Associate Dean, Academic

R. Mueller BA, MA, PhD York

College of Biological Science

Interim Dean

G. Van Der Kraak BSc, MSc Manitoba, PhD British Columbia

Interim Associate Dean, Research and Graduate Studies

T. Gillis BSc, MSc Guelph, PhD Simon Fraser

Associate Dean, Academic

B. Husband BSc, MSc Alberta, PhD Toronto

Gordon S. Lang School of Business and Economics

Dean

L. Porth BA, MBA, PhD Manitoba

Associate Dean, Research and Graduate Studies

S. Lyons BPA Windsor, MA, PhD Carleton

Associate Dean, Academic

S. Mann BComm, MBA McMaster, PhD Toronto

Interim Associate Dean, External Relations

S. Elliot BComm St. Mary's, MA McMaster, PhD Carleton

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

Associate Dean, Research and Graduate Studies

L. Brown MSc, PhD Moscow State

Associate Dean, External Relations

Bill Van Heyst BAsC, MASc, PhD Waterloo

College of Social and Applied Human Sciences

Dean

G. Chapman BSHEC Saskatchewan, MSc, PhD Toronto

Associate Dean, Research and Graduate Studies

F. Leri BA, MA, PhD McGill

Associate Dean, Academic

B. Sheldrick BA Carleton, LLB Toronto, MA, PhD York

Ontario Agricultural College**Dean**

R. Van Acker BSc, MSc Guelph, PhD Reading

Associate Dean, Academic

J. Schmidt BSc, PhD Toronto

Associate Dean, Research and Graduate Studies

R. Hallett BSc Toronto, MPM, PhD Simon Fraser

Associate Dean, External Relations

J. Cranfield BSc, MSc Guelph, PhD Purdue

Ontario Veterinary College**Dean**

J. Wichtel BVSc, PhD Massey ACT

Associate Dean, Clinical Programs

S. Nykamp, DVM, Dipl ACVR

Associate Dean, Research and Innovation

S. Sharif, DVM Tehran, PhD Guelph

Associate Dean, Academic

J. Hewson DVM, PhD Guelph, Dipl. DACVIM (LA)

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 their 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 their 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 their 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/>

The Board of Graduate Studies**Chair**

Andrew Papadopoulos BAsc Ryerson, MBA York, PhD Guelph

Members

Assistant Vice-President (Graduate Studies)

Vice-President (Research) or designate

Associate Dean of Graduate Studies

Associate Vice-President (Student Affairs) or designate

Chief Librarian or designate

Senate-appointed

A member of the graduate faculty from each college

Four graduate students (one of whom shall be the President of the Graduate Student Association)

The Office of Graduate and Postdoctoral Studies**L. Winn**, Administrative Academic Assistant to the Assistant Vice-President (Graduate Studies)**P. Sinclair**, Director, BA, Guelph**Admission & Marketing****N. Pankerichan**, Manager, Graduate Admission & Marketing**C. Fairchild**, Graduate Admission Specialist - COA, CBS, OAC, OVC**P. Gazo**, Graduate Admission Specialist - CSAHS, LANG, CEPS**A. Keller**, Graduate Service Assistant**K. Whyllie**, Marketing & Digital Content Coordinator**K. Brown**, Interim Marketing & Digital Content Assistant**Records & Postdoctoral****N. Knopp**, Manager, Postdoctoral Services & Graduate Operations**P. Hammond**, Graduate Records & Postdoctoral Officer**C. Morris**, Graduate Records & Postdoctoral Officer**A. Zaleznik**, System's Coordinator**Scholarships****K. Campbell**, Graduate Scholarships Service Associate**A. Easley**, Graduate Scholarships Service Associate**Curriculum****N. Timperio**, Manager, Graduate Curriculum

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 Vice-Provost, Student Affairs

Vice-Provost (Student Affairs)

C. Chassels BA, BEd York, MEd, PhD Toronto

Executive Assistant to the Vice-Provost (Student Affairs)

J. Westlake BA, MA Guelph

The Vice-Provost (Student Affairs) is responsible for a broad range of student engagement, wellness and success initiatives at the University of Guelph that are delivered by Student Housing Services, Student Wellness Services, the Experiential Learning Hub, Gryphons Athletics and Recreation, Student Experience, and the Child Care and Learning Centre.

The Office of the Vice-Provost, Student Affairs is located in the University Centre, Level 4.