

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

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Revision Information:

Date	Description
May 1, 2019	Initial Publication
June 28, 2019	Revision 1
September 2, 2019	Revision 2
December 10, 2019	Revision 3
January 28, 2020	Revision 4

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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/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.

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Rural Planning and Development

Rural Planning and Development has a four-part mission of teaching, research, training and outreach. The MSc programs are offered in the following fields:

- Canadian Rural Planning and Development
- International Rural Planning and Development

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MSc (Planning) Program

Rural Planning and Development provides the opportunity for graduate study, research and professional development in: 1) Canadian rural planning and development; or 2) International rural planning and development. The program leads to an MSc (Planning) degree. It is a professionally accredited (Canadian Institute of Planners) program that requires substantial commitment to professional performance and ethics.

Graduate students in the MSc (Planning) program find employment in rural planning departments, governments, non-governmental organizations, and private consulting firms in Canada and overseas. Graduates are prepared for both local development and planning as well as regional, provincial and national-level research and policy planning in international and Canadian contexts.

The program goal is to ensure that students have the knowledge and skill to conduct interdisciplinary research and, in a professional capacity, guide processes of change in rural planning and development.

Where appropriate, faculty from other academic units participate in an advisory capacity in students' research programs.

Admission Requirements

The program is open to qualified graduates from all disciplines including geography, international development, sociology, agriculture, environmental studies, landscape architecture, economics and planning. Applicants are required to demonstrate their specific interest in the program and relevant work experience in rural planning and development. A four-year honours degree with a B- average is considered the normal basis for admission.

Program Requirements

Students enrol in one of two study options: 1) thesis or 2) course work or course work and major research paper.

Canadian Rural Planning and Development

This field offers an all course work option; major research paper (MRP) option and a thesis option. All three are aimed at providing substantive professional, contextual and specialized knowledge and skill in the domestic rural planning and development context.

All students enrolled in this field are required to complete a set of core courses that provide a foundation for rural planning and development research and practice in the Canadian context.

Thesis

Students must complete:

RPD*6170	[0.50]	Rural Research Methods
RPD*6380	[0.50]	Application of Quantitative Techniques in Rural Planning and Development
RPD*6240	[0.50]	Planning and Development Theory
RPD*6260	[0.50]	Land Use Planning Law
RPD*6250	[0.50]	Foundations in Rural Planning Practice

In addition the student is required to complete an additional five (5) 0.5 credit elective courses in consultation with their advisory committee.

Course Work and Major Research Paper (MRP)

Students must complete:

RPD*6170	[0.50]	Rural Research Methods
RPD*6380	[0.50]	Application of Quantitative Techniques in Rural Planning and Development
RPD*6240	[0.50]	Planning and Development Theory
RPD*6260	[0.50]	Land Use Planning Law
RPD*6250	[0.50]	Foundations in Rural Planning Practice
RPD*6360	[1.00]	Major Research Paper

In addition the student is required to complete an additional seven (7) 0.5 credit elective courses in consultation with their advisory committee.

Course Work

Students must complete:

RPD*6170	[0.50]	Rural Research Methods
RPD*6380	[0.50]	Application of Quantitative Techniques in Rural Planning and Development
RPD*6240	[0.50]	Planning and Development Theory
RPD*6260	[0.50]	Land Use Planning Law
RPD*6250	[0.50]	Foundations in Rural Planning Practice

In addition the student is required to complete an additional nine (9) 0.5 credit elective courses in consultation with their advisory committee.

Students may develop an area of specialization with their advisory committees through course work, selection of elective courses, and student research leading to the major research paper or thesis. Students are strongly encouraged to arrange their own internship during the summer semester, though this is not a requirement. The program makes available a set of options to assist in developing the area of emphasis.

In the delivery of the Canadian rural planning and development field, the program draws on courses and faculty from other units on campus as well as on the resources of the school. The field of rural planning and development (Canadian) is formally recognized by the Canadian Institute of Planners, and four faculty within the program along with one faculty from other programs within the School of Environmental Design and Rural Development are Registered Professional Planners.

International Rural Development Planning

This field prepares students for research and practice in international rural planning and development. Students may choose the course work option; major research paper (MRP) option or the thesis option.

All students enrolled in this field are required to complete a set of core courses and electives that provide a foundation for international rural planning and development research and practice.

Thesis

Students must complete:

RPD*6170	[0.50]	Rural Research Methods
RPD*6380	[0.50]	Application of Quantitative Techniques in Rural Planning and Development
RPD*6240	[0.50]	Planning and Development Theory
RPD*6030	[0.50]	International Rural Development Planning: Principles and Practices
RPD*6291	[0.50]	Rural Development Administration

In addition the student is required to complete an additional five (5) 0.5 credit elective courses in consultation with their advisory committee.

Course Work and Major Research Paper (MRP)

Students must complete:

RPD*6170	[0.50]	Rural Research Methods
RPD*6380	[0.50]	Application of Quantitative Techniques in Rural Planning and Development
RPD*6240	[0.50]	Planning and Development Theory

RPD*6030	[0.50]	International Rural Development Planning: Principles and Practices
RPD*6291	[0.50]	Rural Development Administration
RPD*6360	[1.00]	Major Research Paper

In addition the student is required to complete an additional seven (7) 0.5 credit elective courses in consultation with their advisory committee.

Course Work

Students must complete:

RPD*6170	[0.50]	Rural Research Methods
RPD*6380	[0.50]	Application of Quantitative Techniques in Rural Planning and Development
RPD*6240	[0.50]	Planning and Development Theory
RPD*6260	[0.50]	Land Use Planning Law
RPD*6250	[0.50]	Foundations in Rural Planning Practice

In addition the student is required to complete an additional nine (9) 0.5 credit elective courses in consultation with their advisory committee.

Students may develop an area of specialization with their advisory committees through course work, selection of elective courses, student research. The program makes available a set of options to assist in developing the area of emphasis.

In the delivery of the International rural planning and development field, the program draws on courses and faculty from other units on campus as well as on the resources of the School. The field of rural planning and development (International) is formally recognized by the Canadian Institute of Planners, and four faculty within the program along with one faculty from other programs within the School of Environmental Design and Rural Development are Registered Professional Planners.

MPLAN Program

Rural Planning and Development provides the opportunity for graduate study, applied research and professional development in: 1) Canadian rural planning and development; or 2) International rural planning and development. The program leads to a Master of Planning (MPLAN) degree.

This 3-5 semester program is geared towards more experienced graduates working for an agency or non-governmental organization abroad or in Canada; or for mature Canadian planners working in a municipal planning environment, for other levels of government, in professional consulting, non-governmental organizations or other contexts or for graduates of related professional programs. It is explicitly designed for individuals wishing to upgrade their professional training to the Masters level without necessarily withdrawing from the work force for an extended period of time.

This degree may also be completed at a distance. Please consult with the program's Graduate Program Coordinator for more details.

Admission Requirements

The program is open to:

1. Qualified graduates from relevant disciplines (minimum B- average) with 4-5 years of relevant experience. Relevant experience is determined by the admissions committee.
2. Graduates from a professional program in Planning, Landscape Architecture, Architecture or Engineering (minimum B- average).

All applicants are required to demonstrate their specific interest in the program and their work and educational experience relating to rural planning and development.

Program Requirements

- Two (2.0) credits earned from the MSc (Planning) course list from SEDRD, related to their research interest, chosen with the advice of their Advisory Committee.
- Senior Planning and Development (listed as RPD*6290) is required.
- A 0.5 credit earned from an open elective.
- Course selection will emphasize either the International field or the Canadian field.
- The candidate will also complete a Major Research Paper.

Collaborative Specializations

International Development Studies

Rural Planning and Development participates in the International Development Studies (IDS) collaborative specialization. The MSc degree for students in this program will have the specialist designation rural planning and development: international development studies. Please consult the [International Development Studies listing](#) for a detailed description of the collaborative specialization including the special additional requirements for each of the participating departments.

One Health

Rural Planning and Development participates in the collaborative specialization in One Health. Master's and Doctoral students wishing to undertake thesis research or their major research paper/project with an emphasis on one health are eligible to apply to register concurrently in Rural Planning and Development and the collaborative specialization. Students should consult the One Health listing for more information.

Courses

Core Courses

RPD*6030 International Rural Development Planning: Principles and Practices U [0.50]

This course presents the scope and nature of international development planning and alternative roles for development planners; has a rural emphasis; reviews the evolution of development planning from macroeconomic beginnings to more integrated local planning approaches; examines the development planning process and its organizational and spatial dimensions; compares policy, program, project, sectoral and integrated area planning; and compares rural development planning in market, mixed and state-driven societies.

Department(s): School of Environmental Design and Rural Development

RPD*6170 Rural Research Methods U [0.50]

The course provides rural planning and development professionals with a number of theoretical frameworks and practical approaches to problem solving in rural Canadian and international contexts. The course content provides an introduction to hypothesis development, data collection, analytical frameworks, research management, and information synthesis and presentation methodologies that are appropriate to the practicing rural planner and developer. It views the roles of the researcher and research as interventionist and intervention in the rural community. Research methods are discussed as an integral and supporting part of the planning and development process.

Department(s): School of Environmental Design and Rural Development

RPD*6240 Planning and Development Theory U [0.50]

Examines basic concepts, theories and perspectives in rural planning and development. A conceptual examination of 'rural', 'planning' and 'development' precedes an examination of how rural planning and development is viewed from alternative, often conflicting theories of rural change and planned intervention. The implications for practice are discussed.

Department(s): School of Environmental Design and Rural Development

RPD*6250 Foundations in Rural Planning Practice F [0.50]

This course provides an introduction to rural planning practice. This includes: i) Concepts in Public Administration - The structure, responsibility and functions of public sector administration and government. ii) The workings of local government. iii) Rural Planning Practice - An introduction to planning and development in rural regions and small municipalities.

Department(s): School of Environmental Design and Rural Development

RPD*6260 Land Use Planning Law U [0.50]

An introduction to the legal tools used to regulate the use of land and other resources. Zoning, subdivision controls, development control, land banking, expropriation, planning appeals, official maps, etc. An intensive study of the Ontario Planning Act and related legislation.

Department(s): School of Environmental Design and Rural Development

RPD*6291 Rural Development Administration U [0.50]

This course explores the administration of rural development by considering the main organizational types delivering rural programs. The structure and behaviour of these organizations, their interactions, and their respective sectors will be considered. Students will also be introduced to administrative planning tools.

Department(s): School of Environmental Design and Rural Development

RPD*6360 Major Research Paper U [1.00]

Students not pursuing the thesis route must satisfactorily complete a Major Research Paper. The paper will be supervised by a faculty committee. Content of the paper will generally focus on the placement of a problem in rural planning and development practice using appropriate methodological and analytical procedures. Note: This is a one semester course and must be completed in the semester of registration.

Restriction(s): For Major Paper option only. Instructor consent required.

Department(s): School of Environmental Design and Rural Development

RPD*6380 Application of Quantitative Techniques in Rural Planning and Development U [0.50]

Analysis and application of standard quantitative, statistical and computer-based techniques utilized in rural planning and development. Problems of data collection, analysis and interpretation.

Department(s): School of Environmental Design and Rural Development

Elective Courses

Students are to select their electives from the following list of RPD and EDRD knowledge and skills courses. This list of electives is modified from time to time by the RPD Graduate Program Committee, and the student should contact the Graduate Program Committee for the current list of available electives. An RPD core course from outside your field can also be taken as an elective. Two electives may be selected from other courses offered within SEDRD (e.g. CDE or LARC) or by other University departments which are not included below.

RPD*6070 Project Development: Principles, Procedures, and Selected Methods U [0.50]

This course introduces students to the principles, procedures and methods in developing a project. It examines the project cycle: identification, preparation, appraisal, implementation/supervision, monitoring and evaluation. It gives an understanding of the major methods involved and teaches selected methods. The focus is on the international, rural context and on small non-farm projects: small industries, small physical infrastructure and social projects.

Department(s): School of Environmental Design and Rural Development

RPD*6080 Environment and Development: Biophysical Resources and Sustainable Development in Rural Environments U [0.50]

This course will examine the problems and potential for ecologically sustainable development in the context of rural development planning particularly in the Third World environments. The course critically examines the strategic planning approaches and methods which involve the interaction between social systems and natural ecosystems in the context of planned intervention and change in rural environments.

Department(s): School of Environmental Design and Rural Development

RPD*6220 Planning and Development Policy Analysis U [0.50]

Planning and development policy has experienced a significant evolution. This course examines the history of policy, and the theory, methods and processes of policy development and governance in planning and management of environment and resources.

Department(s): School of Environmental Design and Rural Development

RPD*6280 Advanced Planning Practice W [0.50]

This course explores current issues, techniques, legislation and processes that are relevant to rural planning practice. A number of specific municipal (local and regional) rural planning examples will be presented. Comparisons between different jurisdictions will be reviewed. Students will be engaged in project-based learning.

Prerequisite(s): RPD*6250

Department(s): School of Environmental Design and Rural Development

RPD*6290 Special Topics in Rural Planning and Development U [0.50]

Selected study topics focus on the nature of rural planning and development issues and/or practices in Canadian and/or International small communities and rural environments. Among the topics which may be addressed are: rural land use planning, ecological restoration, gender analysis in development planning, GIS in agricultural development, micro-credit, physical/site planning and design, project management.

Restriction(s): Instructor consent required.

Department(s): School of Environmental Design and Rural Development

RPD*6310 Environmental Impact Assessment U [0.50]

This course deals with the role of environmental impact assessments and statements in the planning, development and operation of resource projects. Topics discussed include the philosophical and institutional basis for environmental impact assessments, methods used and the effects of such assessments on resource development projects.

Department(s): School of Environmental Design and Rural Development

RPD*6320 Water Resource Management U [0.50]

The course provides an assessment of the processes and principles which underlie comprehensive water resource planning and integrated basin management. It also undertakes to evaluate current practice in the context of integrated planning. There is extensive use of Canadian and international practice.

Department(s): School of Environmental Design and Rural Development

RPD*6370 Economic Development Planning and Management for Rural Communities U [0.50]

Theories and perspectives of local economic development, particularly community-based planning for rural economic development. Economic development within a community development framework, and challenges of sustainable development. Interdisciplinary perspectives and alternative approaches to professional planning practice, strategic planning, management and organizational design/development issues. Alternative economic concepts and perspectives are critically examined. Includes international case studies.

Department(s): School of Environmental Design and Rural Development

RPD*6390 Rural Social Planning U [0.50]

This course will provide students who have an interest in social development with an avenue for linking that interest to the policy, planning and intervention process.

Department(s): School of Environmental Design and Rural Development

RPD*6410 Readings in Rural Planning U [0.50]

A program of supervised independent study related to the student's area of concentration. Nature and content of the readings course are agreed upon between the student and the instructor, and are subject to the approval of the student's advisory committee and graduate committee.

Restriction(s): Instructor consent required.

Department(s): School of Environmental Design and Rural Development

RPD*6450 Recreation and Tourism Planning and Development U [0.50]

This course is intended to instruct the student in the principles of planning for recreation and tourism development. Emphasis is placed on the economic and social benefits and costs that accrue from tourism and recreation development. Planning principles are applied to this context.

Department(s): School of Environmental Design and Rural Development

EDRD*6000	[0.50]	Qualitative Analysis in Rural Development
EDRD*6050	[0.50]	Farming Systems Analysis and Development
EDRD*6100	[0.50]	Disaster Planning and Management
EDRD*6630	[0.50]	Regional Planning
EDRD*6690	[0.50]	Program Evaluation