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>
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</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) 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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International Development Studies

The International Development Studies (IDS) collaborative specialization provides a focal point for graduate teaching and research in the area of international development. The collaborative specialization combines training in a particular discipline with exposure to a broad range of social science perspectives. Faculty expertise encompasses various aspects of development in Asia, Africa, Eastern and Western Europe and the Americas. Students wishing to pursue a Master's or PhD degree with the designation "International Development Studies" must enter the collaborative specialization in International Development through a participating department.

Administrative Staff

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Graduate Program Assistant
Kathryn Selves (311 MacLachlan, Ext. 52771)

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Graduate Program Assistant
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Graduate Program Assistant
Bethany Presley (267 MacKinnon, Ext. 56887)

From Political Science

Graduate Program Coordinator
Candace Johnson (551 MacKinnon Ext., Ext. 52179)

Graduate Program Assistant
Reene Chadwick (533 MacKinnon, Ext. 53469)

From Population Medicine

Graduate Program Coordinator
David Pearl (207B CLRE, Ext. 54748)

Graduate Program Assistant
Ariah Easley (102 CLRE, Ext. 54005)

From Public Health

Graduate Program Coordinator
Andrew Papadopoulos (110 FVMI, Ext. 53894)

Graduate Program Assistant
Ariah Easley (102 CLRE, Ext. 54005)

From Rural Planning and Development

Graduate Program Coordinator
Wayne Caldwell (LA Rm 110A, Ext. 56420)

Graduate Program Assistant
Patricia Van Asten (100 Landscape Architecture, Ext. 56780)

From Sociology and Anthropology

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Jeji Varghese (634 MacKinnon Ext., Ext. 56333)

Public Issues in Anthropology Graduate Program Coordinator
Satsuki Kawano (603 MacKinnon, Ext. 53912)

Graduate Program Assistant
Shelagh Daly (624 MacKinnon, Ext. 53895)

Master's Collaborative Specialization

Students wishing to pursue a Master's degree with the designation "International Development Studies" must enter the collaborative specialization in International Development through a participating department.

Admission Requirements

Students must meet the University's general requirement a four-year Honours degree, or equivalent, from a recognized post-secondary institution with a B- average over the last two years of full-time equivalent study. Note that some departments set their admission requirement higher than B-.

Students must have completed the following:

• One undergraduate course in economics.
• One undergraduate course in a social science discipline
• One course in social science research methods or equivalent.

Program Requirements

Students complete International Development Studies core requirements and the requirements of their home department. The following are requirements for select departments; consult the IDS Graduate website for other departments.

IDS Master's Core Courses*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>IDEV*6200</td>
<td>1.00</td>
<td>Development Theory, Issues and Process</td>
</tr>
<tr>
<td>IDEV*6300</td>
<td>0.50</td>
<td>Research and Analysis in a Development Context</td>
</tr>
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</table>

Optional IDS Courses

Students in the collaborative specialization may undertake two optional interdisciplinary courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDEV*6000</td>
<td>0.50</td>
<td>Regional Context</td>
</tr>
<tr>
<td>IDEV*6500</td>
<td>0.50</td>
<td>Fieldwork in International Development Studies</td>
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</table>

Departmental or Program Requirements

Programs not listed below are designed by special arrangements. All departmental requirements are subject to change. Students should confirm the departmental course requirements with the respective Graduate Program Coordinator.

June 28, 2019
In order to satisfy the degree requirements of the course work option, students will complete successfully the following courses:

- FARE*6140 [0.50] Applied Microeconomics for Agricultural Economists
- FARE*6910 [0.50] Applied Policy Analysis I
- FARE*6970 [0.50] Applied Quantitative Methods for Agricultural Economists
- FARE*6100 [0.50] The Methodologies of Economics
- FARE*6600 [0.50] Food Security and the Economics of Agri-Food Systems in Developing Countries
- FARE*6400 [0.50] Advanced Topics in Agricultural Economics
- FARE*6800 [0.00] Seminar in Agricultural Economics
- FARE*6140 [1.00] Major Paper in Food, Agricultural and Resource Economics

One additional course

Course Work and Major Research Paper MFARE

In order to satisfy the degree requirements of the course work option, students will complete successfully the following courses:

- FARE*6380 [0.50] Applied Microeconomics for Agricultural Economists
- FARE*6910 [0.50] Applied Policy Analysis I
- FARE*6970 [0.50] Applied Quantitative Methods for Agricultural Economists
- FARE*6100 [0.50] The Methodologies of Economics
- FARE*6600 [0.50] Food Security and the Economics of Agri-Food Systems in Developing Countries
- FARE*6400 [0.50] Advanced Topics in Agricultural Economics
- FARE*6800 [0.00] Seminar in Agricultural Economics
- FARE*6140 [1.00] Major Paper in Food, Agricultural and Resource Economics

One additional course
Other courses from the Department of Management with permission from the Graduate Program Coordinator.

**Restricted Electives:**

One quantitative or qualitative methods course (0.5 credits) with permission:

- ANTH*6140 0.50 Qualitative Research Methods
- FRAN*6020 0.50 Qualitative Research Methods
- MGMT*6120 0.50 Quantitative Methods for Evidence Based Management
- MGMT*6830 0.50 Applied Univariate Statistical Analysis for Management
- MGMT*6840 0.50 Quantitative Research Methods: Multivariate Techniques
- MGMT*6850 0.50 Quantitative Research Methods
- PSYC*6060 0.50 Research Design and Statistics
- SOC*6130 0.50 Quantitative Research Methods
- SOC*6140 0.50 Quantitative Research Methods

**Major Research Paper:**

- MGMT*6500 1.00 Major Research Project

**Philosophy (MA)**

- PHIL*6950 0.50 MA Seminar
- PHIL*6990 1.00 Major Research Project

**Political Science (MA)**

- POLS*6900 0.25 Communications
- POLS*6940 0.75 Research Design and Methods
- POLS*6730 0.50 Development and Global Justice

One of:

- Thesis
- OR
- POLS*6970 1.00 Major Paper

plus one additional course from the Political Science Department (elective)

**Population Medicine (MSc course work)**

- POPM*6200 0.50 Epidemiology I
- POPM*6210 0.50 Epidemiology II
- POPM*6250 1.00 Project in Population Medicine

**Public Health (MPH)**

- PABH*6500 0.50 Infectious Diseases and Public Health
- POPM*6200 0.50 Epidemiology I
- POPM*6510 0.50 Community Health Promotion
- POPM*6520 0.50 Introduction to Epidemiological and Statistical Methods
- POPM*6530 0.50 Health Communication
- POPM*6540 0.50 Concepts in Environmental Public Health
- POPM*6550 0.50 Public Health Policy and Systems
- POPM*6560 1.00 Public Health Practicum
- POPM*6570 0.00 Public Health Capstone
- POPM*6580 0.50 Public Health Administration

**Public Issues in Anthropology (MA)**

**IDS Requirements:**

- ANTH*6080 0.50 Anthropological Theory
- ANTH*6140 0.50 Qualitative Research Methods
- ANTH*6000 0.50 Public Issues Anthropology

Either a Thesis and one additional course or

- ANTH*6660 1.00 Major Paper

and three additional courses

**Rural Planning and Development (MSc Planning)**

**Departmental Requirements**

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

Plus a thesis and one additional RPD course

- OR
- RPD*6360 1.00 Major Research Paper

plus three additional RPD courses

**Sociology (MA)**

- SOC*6070 0.50 Sociological Theory

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**PhD Collaborative Specialization**

The collaborative specialization in International Development Studies (IDS) in a PhD program provides an opportunity for advanced students to engage with interdisciplinary development theories and to conduct research on international development issues based on approaches of selected academic disciplines. The collaborative specialization in IDS is undertaken jointly with a discipline-based degree. Students enter IDS through a participating department with a PhD program. At present these include Sociology; Plant Agriculture, Philosophy, Political Science; Population Medicine, Geography; Food, Agricultural and Resource Economics; Economics; History; Engineering; Environmental Sciences.

Based on the experience of faculty advisors in key participating departments, the program focuses on issues such as international political economy, food security, environmental dynamics and governance, gender inequality, rural development, long-term economic change, and other interdisciplinary cutting-edge topics in international development.

**Admission Requirements**

To be considered for admission, an applicant must have a recognized Bachelor's degree and a Master's degree in a relevant discipline or related interdisciplinary field. Applicants to the IDS collaborative specialization must meet the specific departmental admission requirements, which vary from one department to another. For information on the admission requirements and application deadlines of your selected department, please contact the relevant department directly.

In addition to the specific departmental admission requirements, applicants are expected to have a strong background in the social sciences a demonstrable track record of experience in the course-based study of development issues, development research and/or development practice and a stated research interest relating to international development.

**Program Requirements**

Students complete requirements for the departmental degree as well as the IDS components which consist of two core courses, including an interdisciplinary course on theories and debates in development and a course on development research and practice. Students must obtain a minimum final grade of 75% in each of the two IDS PhD core courses to remain in the IDS collaborative specialization. While the students have to successfully complete these courses to remain in the IDS collaborative specialization, they do not have to pass a separate qualifying examination in addition to the departmental qualifying exam. Furthermore, the expectation is that the IDS students’ PhD research will bridge two or more disciplines in a way that relates to the field of IDS. The departmental supervisor must have knowledge and understanding of International Development Studies as it relates to the requirements of the IDS collaborative specialization. One of the members on the student’s advisory committee needs to be an appointed IDS affiliated faculty member approved by the IDS Admissions Committee.

For further information regarding course offering, please contact the IDS Graduate Program Assistant.

**IDS PhD Core Courses**

- IDEV*6800 0.50 Theories and Debates in Development
- IDEV*6850 0.50 Development Research and Practice

**Departmental PhD Requirements**

Departmental requirements are assigned in collaboration with the student’s home department. See respective departmental web pages.

**Courses**

**IDEV*6000 Regional Context U [0.50]**

This reading course provides an opportunity for in-depth investigation about a particular region in preparation for a thesis, major paper or research project. The course normally is directed by the student’s advisor.

*Department(s):* Dean's Office, College of Social and Applied Human Sciences

**IDEV*6200 Development Theory, Issues and Process F-W [1.00]**

This course will examine key issues in development, for example: social justice, poverty and inequality, sustainability, governance and inclusiveness, and how perspectives on these issues have changed over time and differ across disciplinary perspectives. The course will be writing-intensive and focus on the development of skills in oral communication of development issues.

*Department(s):* Dean's Office, College of Social and Applied Human Sciences
<table>
<thead>
<tr>
<th>Course Code: IDEV*6300 Research and Analysis in a Development Context S [0.50]</th>
</tr>
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<tbody>
<tr>
<td>Students will explore alternative approaches to development research and analysis across documentary, qualitative and quantitative methods and the ethical issues associated with research in a development context. The course involves guided readings and seminar based discussions related to development research. There will be emphasis on written and oral communication of development research and analysis to diverse audiences. The course will be taught over a two-week period at the start of the summer semester. Subsequently, students will reflect on their own positionality and the development context of their research of practicum through the remainder of the Summer semester and while engaged in this activity.</td>
</tr>
<tr>
<td>Department(s): Dean's Office, College of Social and Applied Human Sciences</td>
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<table>
<thead>
<tr>
<th>Course Code: IDEV*6500 Fieldwork in International Development Studies U [0.50]</th>
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<tbody>
<tr>
<td>This course recognizes an intensive commitment to research in an archival repository, 'in the field' or at an appropriate development institution in Canada or abroad. The course normally is directed by the student's advisor in consultation with the advisory committee.</td>
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<tr>
<td>Department(s): Dean's Office, College of Social and Applied Human Sciences</td>
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<table>
<thead>
<tr>
<th>Course Code: IDEV*6800 Theories and Debates in Development F [0.50]</th>
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<tbody>
<tr>
<td>This course examines recent approaches in development theory explaining international inequality, poverty and long-term change. It also investigates selected current debates in international development – such as food security, trade, good governance, sustainability or gender – from various discipline-based and interdisciplinary perspectives, and analyzes selected regional experiences of development.</td>
</tr>
<tr>
<td>Restriction(s): Restricted to students in doctoral IDEV collaborative specializations. A minimum final grade of 75% is required to remain in the IDEV collaborative specialization.</td>
</tr>
<tr>
<td>Department(s): Dean's Office, College of Social and Applied Human Sciences</td>
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<thead>
<tr>
<th>Course Code: IDEV*6850 Development Research and Practice W [0.50]</th>
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<tbody>
<tr>
<td>In this course students establish the linkages between their doctoral research topic and the wider field of development studies and practice. The course will examine development policies and projects, ethical issues related to (cross-cultural) development research, and relationships between research and development practice.</td>
</tr>
<tr>
<td>Restriction(s): Restricted to students in doctoral IDEV collaborative specializations. A minimum final grade of 75% is required to remain in the IDEV collaborative specialization.</td>
</tr>
<tr>
<td>Department(s): Dean's Office, College of Social and Applied Human Sciences</td>
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</table>