

2012-2013 Undergraduate Calendar

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2012-2013 academic year, including the Summer Semester 2012, the Fall Semester 2012 and the Winter Semester 2013.

For your convenience the Undergraduate Calendar is available in PDF format.

If you wish to link to the Undergraduate Calendar please refer to the Linking Guidelines.

The University is a full member of:

- The Association of Universities and Colleges of Canada

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The logo for the University of Guelph, featuring the text "UNIVERSITY of GUELPH" in a stylized font.The tagline "CHANGING LIVES IMPROVING LIFE" in a bold, sans-serif font, set against a yellow background.

| Revision Information: | |
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Disclaimer

University of Guelph 2012

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2012-2013 academic year, including the Summer Semester 2012, the Fall Semester 2012 and the Winter Semester 2013.

The University reserves the right to change without notice any information contained in this calendar, including fees, 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 publication of information in this calendar does not bind the University to the provision of courses, programs, schedules of studies, or facilities as listed herein.

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 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.

In the event of a discrepancy between a print version (downloaded) and the Web version, the Web version will apply.

Published by: Enrolment Services

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/index.html>. 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 Training, Colleges and Universities, 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 <http://www.uoguelph.ca/registrar/registrar/index.cfm?index>.

Statistics Canada - Notification of Disclosure

For further information, please see Statistics Canada's web site at <http://www.statcan.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. See Section I--Statement of Students' Academic Responsibilities for more information.

Home Address

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Enrolment 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 <http://www.uoguelph.ca/policies/pdf/ORSInfoReleasePolicy060610.pdf>.

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Specializations and Their Degrees

| Specializations | | Honours | | | General | Co-op |
|---|--------|---------|------------------|------------------|---------|-----------|
| | | Major | Minor | Area of Emphasis | | |
| Accounting | ACCT | BCOMM | | | | |
| Adult Development | ADEV | BASC | | | | BASC |
| Agriculture | AGR | | BSAG BAS | | | |
| Agricultural Science | AGRS | BSAG | | | | |
| Animal Biology | ABIO | BSC | | | | |
| Animal Science | ANSC | BSAG | | | | |
| Anthropology | ANTH | BA | BA BAS | | BA | |
| Applied Human Nutrition | AHN | BASC | | | | |
| Applied Mathematics & Statistics | APMS:C | | | | | BA BSC |
| Applied Plant Science | APSC | | | BSCH.PLSC | | |
| Art History | ARTH | BA | BA BAS | | | |
| Biochemistry | BIOC | BSC | BAS BSC | | | BSC |
| Biodiversity | BIOD | BSC | | | | |
| Biological & Medical Physics | BMPH | BSC | | | | BSC |
| Biological and Pharmaceutical Chemistry | BPCH | BSC | | | | BSC |
| Biological Engineering | BIOE | BENG | | | | BENG |
| Biological Science | BIOS | BSC | | | BSC | |
| Biology | BIOL | | BAS BSC | | | |
| Bio-Medical Science | BIOM | BSC | | | | |
| Biomedical Engineering | BME | BENG | | | | BENG |
| Biotechnology | BIOT | | BAS BSC | | | |
| Botany | BOT | | | BSCH.PLSC | | |
| Business Administration | BADM | | BA BAS BSC | | | |
| Chemical Physics | CHPY | BSC | | | | BSC |
| Chemistry | CHEM | BSC | BAS BSC | | | BSC |
| Child, Youth and Family | CYF | BASC | | | | BASC |
| Classical Studies | CLAS | BA | BA BAS | | | |
| Computer Engineering | CENG | BENG | | | | BENG |
| Computer Science | CS | BCOMP | | | | BCOMP |
| Computing | | | | | BCOMP | |
| Computing & Information Science | CIS | | BA BAS BSC | | | |
| Criminal Justice & Public Policy | CJPP | BA | BA BAS | | | |
| Crop, Horticulture and Turfgrass Sciences | CHAT | BSAG | | | | |
| Ecology | ECOL | BSES | BAS BSC | | | BSES |
| Economic & Business Development | EBD | | | BAH.ID | | |
| Economics | ECON | BA | BA BAS | | | BA |
| Engineering Systems & Computing | ESC | BENG | | | | BENG |
| English | ENGL | BA | BA BAS | | BA | |
| Environmental Biology | ENVB | BSC | | | | |

| | | | | | | |
|---|------|-------|------------|------------|----|-------|
| Environment & Development | EAD | | | BAH.ID | | |
| Environmental Economics & Policy | EEP | BSES | | | | |
| Environmental Engineering | ENVE | BENG | BENG | | | BENG |
| Environmental Geoscience & Geomatics | EGG | BSC | | | | |
| Environmental Governance | EGOV | BA | | | | |
| Environmental Management | EM | BBRM | | | | |
| Environment and Resource Management | ERM | BSES | | | | BSES |
| Environmental Sciences | ENVS | BSES | | | | BSES |
| Equine Management | EQM | BBRM | | | | |
| Ethics in Life Sciences | ELS | | BA BAS | | | |
| European Culture & Civilization | ECC | | BA BAS | BAH.EURS | | |
| European Business Studies | EBS | | | BAH.EURS | | |
| European Studies | EURS | BA | | | | |
| Experimental Ecology | EECO | | | BSCH.ECOL | | |
| Family & Child Studies | FCS | | BA BAS | | | |
| Finance | FIN | | | BCOMM.MEIF | | |
| Food and Agricultural Business | FAB | BCOMM | | | | BCOMM |
| Food, Agricultural and Resource Economics | FARE | BA | | | | |
| Food Engineering | FENG | | BENG | | | |
| Food Science | FOOD | BSC | | | | BSC |
| French Studies | FREN | BA | BA BAS | | BA | |
| Gender and Development | GAD | | | BAH.ID | | |
| General Ecology | GECO | | | BSCH.ECOL | | |
| GIS & Environmental Analysis | GIS | | BAS BSC | | | |
| Geography | GEOG | BA | BA BAS | | BA | |
| German | GERM | | BA BAS | | | |
| Hispanic Studies | HISP | BA | BA BAS | | BA | |
| Historical Perspectives in Development | HPD | | | BAH.ID | | |
| History | HIST | BA | BA BAS | | BA | |
| Hotel & Food Administration | HAFA | BCOMM | | | | BCOMM |
| Human Kinetics | HK | BSC | | | | |
| Human Resources Management | HRM | BCOMM | | | | |
| Individual Studies | IS | BA | | | | |
| Information Systems & Human Behaviour | ISHB | BA | | | | |
| International Development | ID | BA | BA BAS | | BA | |
| Interpretive Ecology | IE | | | BSCH.ECOL | | |
| Italian | ITAL | | BA BAS | | | |
| Landscape Architecture | | BLA | | | | |
| Latin American Studies | LAS | | | BAH.ID | | |
| Marine & Freshwater Biology | MFB | BSC | | | | |
| Management Economics & Finance | MEF | BCOMM | | | | BCOMM |
| Marketing Management | MKMN | BCOMM | BA BAS | | | BCOMM |
| Mathematical Economics | MAEC | BA | | | | BA |
| Mathematical Science | MSCI | | BAS BSC | | | |

| | | | | | | |
|---|------|-----------|------------------|-----------|-----|-------|
| Mathematics | MATH | BA BSC | BA BAS BSC | | BA | |
| Microbiology | MICR | BSC | BAS BSC | | | BSC |
| Mechanical Engineering | MECH | BENG | | | | BENG |
| Molecular Biology & Genetics | MBG | BSC | BAS BSC | | | |
| Museum Studies | MS | | BA BAS | | | |
| Music | MUSC | BA | BA BAS | | BA | |
| Nanoscience | NANO | BSC | | | | BSC |
| Neuroscience | NEUR | | BAS BSC | | | |
| Nutritional & Nutraceutical Sciences | NANS | BSC | BAS BSC | | | |
| Organic Agriculture | OAGR | BSAG | | | | |
| Philosophy | PHIL | BA | BA BAS | | BA | |
| Physical Science | PSCI | BSC | | | BSC | |
| Physics | PHYS | BSC | BAS BSC | | | BSC |
| Plant Biotechnology | PBTC | | | BSCH.PLSC | | |
| Plant Environmental Science | PESC | | | BSCH.PLSC | | |
| Plant Science | PLSC | BSC | BAS BSC | | | |
| Political Economy & Administrative Change | PEAC | | | BAH.ID | | |
| Political Science | POLS | BA | BA BAS | | BA | |
| Psychology | PSYC | BA | BA BAS | | | BA |
| Psychology: Brain & Cognition | PBC | BSC | BAS BSC | | | |
| Public Management | PMGT | BCOMM | | | | BCOMM |
| Real Estate & Housing | REH | BCOMM | | | | BCOMM |
| Resource Conservation | RC | | | BSCH.ECOL | | |
| Rural & Agricultural Development | RAD | | | BAH.ID | | |
| Sociology | SOC | BA | BA BAS | | BA | |
| Software Engineering | SENG | BCOMP | | | | BCOMP |
| Statistics | STAT | BA BSC | BA BAS BSC | | BA | |
| Studio Art | SART | BA | | | | |
| Theatre Studies | THST | BA | BA BAS | | BA | |
| Theoretical Physics | THPY | BSC | | | | |
| Tourism Management | TMGT | BCOMM | | | | |
| Toxicology | TOX | BSC | | | | BSC |
| Veterinary Medicine | | DVM | | | | |
| Water Resources Engineering | WRE | BENG | | | | BENG |
| Wildlife Biology & Conservation | WBC | BSC | | | | |
| Zoology | ZOO | BSC | BAS BSC | | | |