

## 2006-2007 Undergraduate Calendar

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2006-2007 academic year, including the Summer Semester 2006, the Fall Semester 2006 and the Winter Semester 2007.

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

Contact Information:



University of Guelph  
Guelph, Ontario, Canada  
N1G 2W1  
519-824-4120  
<http://www.uoguelph.ca>

| Revision Information: |                     |
|-----------------------|---------------------|
| February 1, 2006      | Initial Publication |
| March 14, 2006        | Second Publication  |
| August 22, 2006       | Third Publication   |
| January 23, 2007      | Fourth Publication  |



# Disclaimer

---

## University of Guelph 2006

---

The information published in this Undergraduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2006-2007 academic year, including the Summer Semester 2006, the Fall Semester 2006 and the Winter Semester 2007.

The University 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 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, 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: Undergraduate Program Services

Editor: A.H. Goody, Associate Registrar

Assistant Editor: S.Holley, Program Co-ordinator

# Table of Contents

|   |            |
|---|------------|
| <b>XI. Special Study Opportunities .....</b>          | <b>338</b> |
| <b>Certificates and Diplomas .....</b>                | <b>338</b> |
| Certificate in Environmental Citizenship .....        | 338        |
| Certificate in Environmental Conservation .....       | 338        |
| Certificate in Food Science .....                     | 338        |
| Certificate in Hospitality Studies .....              | 338        |
| Certificate in Leadership .....                       | 338        |
| Diploma in Applied Statistics .....                   | 339        |
| Diploma in Public Policy and Administration .....     | 339        |
| <b>Co-operative Education .....</b>                   | <b>339</b> |
| <b>Distance Education .....</b>                       | <b>339</b> |
| <b>General Studies .....</b>                          | <b>340</b> |
| Academic Counselling .....                            | 340        |
| Financial Assistance .....                            | 341        |
| Schedule of Studies .....                             | 341        |
| Tuition Fees .....                                    | 341        |
| Undergraduate Regulations .....                       | 341        |
| <b>Graduate Studies .....</b>                         | <b>341</b> |
| <b>Interdisciplinary Studies .....</b>                | <b>341</b> |
| Bachelor of Arts .....                                | 341        |
| Bachelor of Commerce .....                            | 341        |
| Bachelor of Science (Biological Science) .....        | 341        |
| Bachelor of Science in Environmental Sciences .....   | 341        |
| <b>Open Learning .....</b>                            | <b>341</b> |
| The Office of Open Learning .....                     | 341        |
| The Open Learning program .....                       | 341        |
| Continuing Education Option .....                     | 341        |
| Guaranteed Admission to a B.A. Program .....          | 341        |
| Open Learning program Certificates and Diplomas ..... | 341        |
| Open Learning program Courses* .....                  | 341        |
| Open Learning Scholarships/Bursaries .....            | 342        |
| Distance Education .....                              | 342        |
| Continuing Education .....                            | 342        |
| <b>Summer Studies (Summer Semester) .....</b>         | <b>343</b> |

## XI. Special Study Opportunities

### Certificates and Diplomas

The University offers certificate and diploma programs in Applied Statistics, Environmental Citizenship, Environmental Conservation, Food Science, Hospitality Studies, Leadership, and Public Policy and Administration. These programs are designed for those who want to develop or upgrade skills in one of these areas without necessarily proceeding towards a three or four year degree program. These programs may be completed on a part-time basis over a period of time.

Individuals who are not currently registered in a degree program should apply through the Office of Open Learning. Please consult with the Program Counsellor for Open Learning (ext. 56050). Individuals who are currently enrolled in a degree program should apply through the Admissions Office at the University of Guelph. Please consult with the Admissions Counsellor (ext. 56060)

For those who are in a degree program or who will be transferring into a degree program, there will be a restriction as to the number of courses which can be used for both a certificate/diploma and a degree specialization. Up to 50% of the requirements for a degree-credit certificate can be applied towards a degree. Note that the Certificate in Leadership is exempt from this restriction.

#### Certificate in Environmental Citizenship

Developed from a social science perspective, this Certificate is beneficial to those who want to learn more about the global environmental issues facing us today and in the future. Participants gain in-depth knowledge about environmental changes, their global impact, and how one can directly contribute to the environment's sustainability. The Certificate consists of six degree-credit distance education courses taken online from the University of Guelph's Faculty of Environmental Sciences. It is structured as follows, requiring six courses total, to include at least one at the 3000 or 4000 level:

##### Required Course

UNIV\*2050\*DE [0.50] Environmental Perspectives and Human Choices I

##### 2 or 3 of the following:

ECON\*1050\*DE [0.50] Introductory Microeconomics  
 ECON\*2100\*DE [0.50] Economic Growth and Environmental Quality  
 EDRD\*3500\*DE [0.50] Recreation and Tourism Planning  
 EDRD\*4500\*DE [0.50] Planning Industrial Ecology  
 GEOG\*1220\*DE [0.50] Human Impact on the Environment  
 HIST\*2250\*DE [0.50] Environment and History  
 PHIL\*2070\*DE [0.50] Philosophy of the Environment  
 POLS\*3370\*DE [0.50] Environmental Policy Formation and Administration  
 SOIL\*2120\*DE [0.50] Introduction to Environmental Stewardship  
 UNIV\*3250\*DE [0.50] Environmental Perspectives and Human Choices II

##### 2 or 3 of the following:

BIOL\*2060\*DE [0.50] Ecology  
 BOT\*1200\*DE [0.50] Plants and Human Use  
 EDRD\*3450\*DE [0.50] Watershed Planning Practice  
 ENVB\*3000\*DE [0.50] Nature Interpretation  
 GEOG\*2210\*DE [0.50] Environment and Resources  
 GEOG\*3210\*DE [0.50] Management of the Biophysical Environment  
 MET\*1000\*DE [0.50] The Atmospheric Environment  
 ZOO\*1500\*DE [0.50] Humans in the Natural World - a Zoological Perspective  
 ZOO\*2050\*DE [0.50] Natural History of Ontario

For more information, please visit the website at: <http://www.environmentalcertificates.com>.

#### Certificate in Environmental Conservation

Developed from a biophysical science perspective, this Certificate is beneficial to those who want to gain knowledge of issues surrounding environmental protection, conservation and preservation, and environmental research. The Certificate consists of six degree-credit distance education courses taken online from the University of Guelph's Faculty of Environmental Sciences. The program is designed to provide participants with the credentials they need for professional advancement in the environment industry and/or personal enrichment. It is structured as follows, requiring six courses total, to include at least two at the 3000 or 4000 level:

##### Required Course

SOIL\*2120\*DE [0.50] Introduction to Environmental Stewardship

##### 2 or 3 of the following:

EDRD\*3450\*DE [0.50] Watershed Planning Practice  
 GEOG\*1220\*DE [0.50] Human Impact on the Environment  
 GEOG\*1300\*DE [0.50] Introduction to the Biophysical Environment  
 GEOL\*1100\*DE [0.50] Principles of Geology  
 MET\*1000\*DE [0.50] The Atmospheric Environment  
 SOIL\*2010\*DE [0.50] Soil Science  
 SOIL\*3080\*DE [0.50] Soil and Water Conservation

##### 2 or 3 of the following:

BIOL\*2060\*DE [0.50] Ecology

BIOL\*3450\*DE [0.50] Introduction to Aquatic Environments  
 ENVB\*3000\*DE [0.50] Nature Interpretation  
 ENVB\*3040\*DE [0.50] Natural Chemicals in the Environment  
 GEOG\*2210\*DE [0.50] Environment and Resources  
 GEOG\*3210\*DE [0.50] Management of the Biophysical Environment  
 ZOO\*2050\*DE [0.50] Natural History of Ontario

For more information, please visit the website at: <http://www.environmentalcertificates.com>.

#### Certificate in Food Science

The Certificate in Food Science program is offered by the Department of Food Science in a distance education mode. Normally, learners will require two years to complete the process. The certificate program is aimed at upgrading individuals who either have a formal university education in an area other than Food Science or have been working in Food Science-related areas but who have no academic background in Food Science. The certificate program concentrates on the chemistry, analysis, microbiology and processing of foods, and on the maintenance of food safety and quality throughout. All courses are offered in an interactive format via the internet.

Individuals interested in entering the Certificate in Food Science program should enrol in the Open Learning program through the Office of Open Learning. Post-secondary courses in microbiology and chemistry are pre-requisites for entrance into the program.

The core courses of the program cannot be used as substitutes for core courses or restricted electives in the B.Sc. Food Science Major.

##### Required Courses

FOOD\*2010\*DE [0.50] Principles of Food Science  
 FOOD\*2400\*DE [0.50] Introduction to Food Chemistry  
 FOOD\*2410\*DE [0.50] Introduction to Food Processing  
 FOOD\*2420\*DE [0.50] Introduction to Food Microbiology  
 FOOD\*3430\*DE [0.50] Introduction to Food Analysis

For more information, please visit the website at: <http://www.foodsciencecertificate.com>.

#### Certificate in Hospitality Studies

The Certificate in Hospitality Studies is offered online from the University of Guelph's School of Hospitality and Tourism Management. It is comprised of five courses taken via distance education and is designed to provide an overview of the hospitality industry, an understanding of human resources management principles and financial management skills. It is perfect for individuals needing additional formal education to assume greater management responsibilities.

Prior Learning Assessment is in place for this Certificate to evaluate and recognize experience and previous education, including seminars, workshops and corporate training programs. Students may receive credit to a maximum of one credit towards one of the required courses. See Chapter VIII, Prior Learning Assessment, for more information. Individuals interested in PLA should consult with the Program Counsellor at the Office of Open Learning (ext. 56050)

The Certificate requires the five courses listed below:

##### Required Courses

HTM\*2030\*DE [0.50] Control Systems in the Hospitality and Tourism Industry  
 HTM\*2150\*DE [0.50] Introduction to Canadian Business Management  
 HTM\*2200\*DE [0.50] Organizational Behaviour I  
 HTM\*3000\*DE [0.50] Human Resources Management  
 HTM\*3070\*DE [0.50] Hospitality and Tourism Management Accounting

Note: Required courses must be taken in order.

For more information, please visit the website at: <http://www.hospitalitystudies.com>.

#### Certificate in Leadership

The Certificate in Leadership is offered by the University of Guelph through the Faculty of Management, College of Social and Applied Human Sciences. This certificate program allows undergraduate students to complete concurrently both their degree program and the certificate. As well, the certificate is available to students in the Open Learning program.

The program focuses on new leadership models and practical applications in a variety of organizational settings. Five undergraduate courses are required, in addition to 120 hours of leadership practice. Students will develop an historical and theoretical understanding of leadership with particular emphasis on contemporary theories, models and research.

The program consists of 2.50 credits chosen from the lists below, plus 120 hours of leadership practice, in an approved placement. Some courses require particular prerequisites; it is important to take into account the necessary prerequisites and semester offered when determining the sequence in which courses are taken. Students should consult with the Open Learning Program Counsellor at the Office of Open Learning (ext. 56050). Students who wish to enrol in the Certificate in Leadership program should contact the Office of Open Learning at 519-767-5000. For more information, please visit the website at: <http://www.leadershipcertificate.com>.

##### 1.00 credits from:

UNIV\*2000 [0.50] Foundations of Leadership

[students must contact the Office of Open Learning for instructor consent]

UNIV\*4000 [0.50] Leadership Capstone  
[students must contact the Office of Open Learning for instructor consent]

**0.50 credits from:**

PHIL\*2120 [0.50] Ethics  
PHIL\*2600 [0.50] Business and Professional Ethics  
POL\*3440 [0.50] Corruption, Scandal and Political Ethics

**1.00 credits from:**

ENVS\*2010 [0.50] Decision-making and Communication Skills  
[restricted to B.Sc.Env. students only]  
HTM\*2150 [0.50] Introduction to Canadian Business Management  
[Note: B.Comm students may not take this course for credit in their degree program.]  
HTM\*3000 [0.50] Human Resources Management  
ISS\*2500 [0.50] Management in Organizations  
PHIL\*2100 [0.50] Critical Thinking  
POL\*2250 [0.50] Public Administration  
POL\*3940 [0.50] Accountability and Canadian Government  
PSYC\*3070 [0.50] Psychology in Human Resource Management  
PSYC\*3080 [0.50] Organizational Psychology  
REXT\*3040 [0.50] Communication Process  
REXT\*3060 [0.50] International Communication  
REXT\*4100 [0.50] Leadership Development in Rural Organization  
SOAN\*2040 [0.50] Globalization of Work and Organizations

**Diploma in Applied Statistics**

The Diploma in Applied Statistics is a program offered by the Department of Mathematics and Statistics, which seeks to give students of the Applied Sciences a technical competency in the use and application of Statistics.

The program is intended mainly for those whose primary area of expertise is not in Statistics, but who feel the need to be able to use modern statistical techniques. This program seeks to fill a need of scientists to reach a useful level of competency in the use of statistical methodology.

**Diploma Requirements**

The program consists of 5.00 credits chosen from the following list. It is important to take into account the necessary prerequisites when determining the sequence in which the courses are taken. Consult an advisor from the department for assistance.

MATH\*2080 [0.50] Elements of Calculus II  
MATH\*2150\*DE [0.50] Applied Matrix Algebra  
STAT\*2040 [0.50] Statistics I  
STAT\*2050 [0.50] Statistics II  
STAT\*3100 [0.50] Introductory Mathematical Statistics I  
STAT\*3110 [0.50] Introductory Mathematical Statistics II  
STAT\*3210 [0.50] Experimental Design  
STAT\*3240 [0.50] Applied Regression Analysis  
STAT\*3320 [0.50] Sampling Theory with Applications  
STAT\*3510 [0.50] Environmental Risk Assessment  
STAT\*4050 [0.50] Topics in Applied Statistics I  
STAT\*4060 [0.50] Topics in Applied Statistics II  
STAT\*4080 [0.50] Data Analysis  
STAT\*4350 [0.50] Applied Multivariate Statistical Methods  
STAT\*4360 [0.50] Applied Time Series Analysis  
STAT\*4510 [0.50] Advanced Risk Analysis

**Diploma in Public Policy and Administration**

The program is designed for those who wish to develop their skills in public sector management and public policy analysis. The requirement of 5.00 credits for the diploma is divided into 2 groups of courses: required courses and elective courses.

Students are encouraged to consult the Diploma in Public Policy and Administration program coordinator or Chair of the Department of Political Science with regard to the availability and on-going development of distance education courses.

**Required Courses**

POL\*1400\*DE [0.50] Issues in Canadian Politics  
POL\*2250\*DE [0.50] Public Administration  
POL\*3250 [0.50] Public Policy: Challenges and Prospects  
POL\*3440\*DE [0.50] Corruption, Scandal and Political Ethics  
POL\*4250 [0.50] Problems in Public Administration and Public Policy

**Electives - at least 2.50 credits must be chosen from the following:**

POL\*2300\*DE [0.50] Canadian Government  
POL\*3110 [0.50] Politics of Ontario  
POL\*3210 [0.50] The Constitution and Canadian Federalism  
POL\*3270 [0.50] Local Government in Ontario  
POL\*3280 [0.50] Modern Political Ideologies  
POL\*3330 [0.50] Politics and Trade Liberalization in the Americas  
POL\*3370\*DE [0.50] Environmental Policy Formation and Administration  
POL\*3470 [0.50] Business-Government Relations in Canada  
POL\*3670 [0.50] Comparative Public Policy and Administration

**Co-operative Education**

Co-operative Education options are offered in 28 majors. Co-op provides eligible students with the opportunity to alternate semesters of academic study with semesters of paid work experience. The work experience is related to the student's academic program and/or career objectives. Admission can occur directly into semester 1 or in-course (but not beyond Academic Semester 3).

For further details refer to information on Co-operative Education in Section X--Degree Programs. Course requirements and work study sequences for specific majors are listed under the appropriate degree program in Section X--Degree Programs.

**Distance Education**

The Distance Education program, administered by the Office of Open Learning, supports academic departments in offering degree credit courses to students who choose to study outside the traditional classroom environment. Courses may come with a variety of learning resources, including: manuals, videotapes, audiotapes, audio CDs, DVDs, CD-ROMs, etc., depending on the nature of the course. As well, most courses incorporate computer conferencing, email, computer-based quizzes, and the use of the Internet. Distance education provides a contemporary means through which the University of Guelph continues its tradition of outreach and open learning opportunities.

Students may take distance education courses for a variety of reasons, including: to have flexibility in designing their own study schedules; to avoid timetable conflicts; to acquire credits while away on summer break or on a co-op job placement; to take courses unavailable in class in a given semester; to learn in an interactive online environment.

The University of Guelph recognizes the importance of distance learning and is committed to providing opportunities for the off-campus learner. A wide range of subject areas and course levels is available.

The following is a list of the courses that are offered in the distance format. **When selecting these courses, section DE must be specified to indicate the distance education offering.** Please consult Section XII--Course Descriptions. Because additional courses are constantly being developed, please consult the Office of Open Learning, Room 160, Johnston Hall, 767-5000, email: info@open.uoguelph.ca for an updated listing of courses available by distance education and when they are scheduled to be offered. Course listings are also available at www.open.uoguelph.ca.

|              |        |   |
|--------------|--------|---|
| AGEC*2220*DE | [0.50] | Financial Accounting  |
| AGEC*2230*DE | [0.50] | Management Accounting   |
| AGEC*2300*DE | [0.50] | Organic Marketing   |
| ANTH*1150*DE | [0.50] | Introduction to Anthropology  |
| BIOL*2060*DE | [0.50] | Ecology   |
| BIOL*2210*DE | [0.50] | Introductory Cell Biology   |
| BIOL*3450*DE | [0.50] | Introduction to Aquatic Environments                                      |
| BIOM*2000*DE | [0.50] | Concepts of Physiology  |
| BOT*1200*DE  | [0.50] | Plants and Human Use  |
| BOT*2000*DE  | [0.50] | Plants, Biology and People  |
| CHEM*1060*DE | [0.50] | Introductory Chemistry  |
| CIS*1000*DE  | [0.50] | Introduction to Computer Applications                                     |
| CIS*1200*DE  | [0.50] | Introduction to Computing   |
| CIS*1500*DE  | [0.50] | Introduction to Programming   |
| CIS*1900*DE  | [0.50] | Discrete Structures in Computer Science                                   |
| CIS*2100*DE  | [0.50] | Scientific Computing and Applications Development                         |
| ECON*1050*DE | [0.50] | Introductory Microeconomics   |
| ECON*1100*DE | [0.50] | Introductory Macroeconomics   |
| ECON*2100*DE | [0.50] | Economic Growth and Environmental Quality                                 |
| ECON*2310*DE | [0.50] | Intermediate Microeconomics   |
| ECON*2410*DE | [0.50] | Intermediate Macroeconomics   |
| ECON*3560*DE | [0.50] | Theory of Finance   |
| ECON*3660*DE | [0.50] | Economics of Equity Markets   |
| ECON*4400*DE | [0.50] | Economics of Organizations and Corporate Governance                       |
| EDRD*3450*DE | [0.50] | Watershed Planning Practice   |
| EDRD*3500*DE | [0.50] | Recreation and Tourism Planning   |
| EDRD*3550*DE | [0.50] | Economic Development for Rural and Smaller Communities                    |
| EDRD*4010*DE | [0.50] | Tourism Planning in the Less Developed World                              |
| EDRD*4500*DE | [0.50] | Planning Industrial Ecology   |
| ENGL*1200*DE | [0.50] | Reading the Contemporary World  |
| ENGL*1410*DE | [0.50] | Major English Writers   |
| ENGL*2640*DE | [0.50] | Culture, Location, Identity: Minoritized Literatures in Canada and Beyond |
| ENVB*2210*DE | [0.50] | Introductory Apiculture   |
| ENVB*3000*DE | [0.50] | Nature Interpretation   |
| ENVB*3040*DE | [0.50] | Natural Chemicals in the Environment                                      |
| ENVB*4780*DE | [0.50] | Forest Ecology  |
| EURO*1050*DE | [0.50] | The Emergence of a United Europe  |
| EURO*2070*DE | [0.50] | European Integration, 1957-1992   |
| FOOD*2010*DE | [0.50] | Principles of Food Science  |
| FOOD*2400*DE | [0.50] | Introduction to Food Chemistry  |

|              |        |   |              |        |   |
|--------------|--------|---|--------------|--------|---|
| FOOD*2410*DE | [0.50] | Introduction to Food Processing                         | POLS*2300*DE | [0.50] | Canadian Government   |
| FOOD*2420*DE | [0.50] | Introduction to Food Microbiology                       | POLS*3370*DE | [0.50] | Environmental Policy Formation and Administration               |
| FOOD*3430*DE | [0.50] | Introduction to Food Analysis                           | POLS*3440*DE | [0.50] | Corruption, Scandal and Political Ethics                        |
| FOOD*4010*DE | [0.50] | Food Plant Sanitation and Quality Control               | POLS*3940*DE | [0.50] | Accountability and Canadian Government                          |
| FOOD*4070*DE | [0.50] | Food Packaging  | PSYC*1100*DE | [0.50] | Principles of Behaviour   |
| FREN*1090*DE | [0.50] | Basic French: Reading                                   | PSYC*1200*DE | [0.50] | Dynamics of Behaviour   |
| FREN*1100*DE | [0.50] | Basic French: Listening                                 | PSYC*2010*DE | [0.50] | Quantification in Psychology                                    |
| FREN*1120*DE | [0.50] | Basic French: Writing                                   | PSYC*2310*DE | [0.50] | Introduction to Social Psychology                               |
| FREN*2500*DE | [0.50] | French Translation I                                    | PSYC*2360*DE | [0.50] | Introductory Research Methods                                   |
| FRHD*1010*DE | [0.50] | Human Development                                       | PSYC*2390*DE | [0.50] | Principles of Sensation and Perception                          |
| FRHD*1020*DE | [0.50] | Couple and Family Relationships                         | PSYC*2450*DE | [0.50] | Introduction to Developmental Psychology                        |
| FRHD*2060*DE | [0.50] | Adult Development and Aging                             | PSYC*2650*DE | [0.50] | Cognitive Psychology  |
| FRHD*2100*DE | [0.50] | Development of Human Sexuality                          | PSYC*2740*DE | [0.50] | Personality   |
| FRHD*2110*DE | [0.50] | Exceptional Children and Youth                          | PSYC*3010*DE | [0.50] | Compensation Systems  |
| FRHD*2260*DE | [0.50] | Infant Development                                      | PSYC*3020*DE | [0.50] | Psychology of Law   |
| FRHD*2270*DE | [0.50] | Development in Early and Middle Childhood               | PSYC*3060*DE | [0.50] | Occupational Health Psychology                                  |
| FRHD*2280*DE | [0.50] | Adolescent Development                                  | PSYC*3070*DE | [0.50] | Psychology in Human Resource Management                         |
| FRHD*3190*DE | [0.50] | Administration of Programs for Children and Youth       | PSYC*3080*DE | [0.50] | Organizational Psychology                                       |
| GEOG*1200*DE | [0.50] | Society and Space                                       | PSYC*3090*DE | [0.50] | Training and Development  |
| GEOG*1220*DE | [0.50] | Human Impact on the Environment                         | PSYC*3220*DE | [0.50] | Ergonomics: the Scientific Study of People-System Relationships |
| GEOG*1300*DE | [0.50] | Introduction to the Biophysical Environment             | PSYC*3250*DE | [0.50] | Psychological Measurement                                       |
| GEOG*2210*DE | [0.50] | Environment and Resources                               | PSYC*3340*DE | [0.50] | Psycholinguistics   |
| GEOG*3020*DE | [0.50] | Global Environmental Change                             | PSYC*3390*DE | [0.50] | Abnormal Psychology   |
| GEOG*3210*DE | [0.50] | Management of the Biophysical Environment               | PSYC*3480*DE | [0.50] | Psychology of Sport   |
| GEOG*3490*DE | [0.50] | Tourism and Environment                                 | PSYC*3570*DE | [0.50] | The Psychology of Death and Dying                               |
| GEOL*1100*DE | [0.50] | Principles of Geology                                   | PSYC*3710*DE | [0.50] | Psychology of Learning Difficulties and Disabilities I          |
| GEOL*2250*DE | [0.50] | Geology of Natural Disasters                            | PSYC*3800*DE | [0.50] | Psychology and Education  |
| HIST*1150*DE | [0.50] | 20th-Century Global History                             | PSYC*3850*DE | [0.50] | Intellectual Disabilities                                       |
| HIST*2000*DE | [0.50] | The British Isles, 1066-1603                            | REXT*3040*DE | [0.50] | Communication Process   |
| HIST*2040*DE | [0.50] | War and Society   | REXT*3060*DE | [0.50] | International Communication                                     |
| HIST*2070*DE | [0.50] | World Religions in Historical Perspective               | REXT*3080*DE | [0.50] | Technology in Extension   |
| HIST*2250*DE | [0.50] | Environment and History                                 | SOAN*2400*DE | [0.50] | Introduction to Gender Systems                                  |
| HIST*2450*DE | [0.50] | The Practicing Historian                                | SOC*1100*DE  | [0.50] | Sociology   |
| HIST*2610*DE | [0.50] | Contemporary Canadian Issues                            | SOC*1500*DE  | [0.50] | Crime and Criminal Justice                                      |
| HIST*2830*DE | [0.50] | The Emergence of Modern Germany 1871-1990               | SOC*2070*DE  | [0.50] | Social Deviance   |
| HIST*3020*DE | [0.50] | Sexuality and Gender in History                         | SOC*2750*DE  | [0.50] | Serial Murder   |
| HIST*3030*DE | [0.50] | Celtic Britain and Ireland to 1066                      | SOC*3490*DE  | [0.50] | Law and Society   |
| HIST*3140*DE | [0.50] | Witch-hunts and Popular Culture                         | SOIL*2010*DE | [0.50] | Soil Science  |
| HIST*3530*DE | [0.50] | Celtic Britain and Ireland Since 1603                   | SOIL*2120*DE | [0.50] | Introduction to Environmental Stewardship                       |
| HIST*3540*DE | [0.50] | World War Two   | SOIL*3080*DE | [0.50] | Soil and Water Conservation                                     |
| HIST*4050*DE | [0.50] | Topics in Scottish History                              | SOIL*3300*DE | [0.50] | Land Resource Stewardship                                       |
| HORT*1060*DE | [0.50] | Plant Identification: Woody Plants                      | SPAN*1100*DE | [0.50] | Introductory Spanish  |
| HORT*3430*DE | [0.50] | Wine-Grape Culture                                      | SPAN*1110*DE | [0.50] | Intermediate Spanish  |
| HTM*2030*DE  | [0.50] | Control Systems in the Hospitality and Tourism Industry | STAT*2060*DE | [0.50] | Statistics for Business Decisions                               |
| HTM*2150*DE  | [0.50] | Introduction to Canadian Business Management            | THST*2500*DE | [0.50] | Contemporary Cinema   |
| HTM*2200*DE  | [0.50] | Organizational Behaviour I                              | UNIV*2050*DE | [0.50] | Environmental Perspectives and Human Choices I                  |
| HTM*3000*DE  | [0.50] | Human Resources Management                              | UNIV*3250*DE | [0.50] | Environmental Perspectives and Human Choices II                 |
| HTM*3070*DE  | [0.50] | Hospitality and Tourism Management Accounting           | WMST*1000*DE | [0.50] | Introduction to Women's Studies                                 |
| HTM*3180*DE  | [0.50] | Casino Operations Management                            | ZOO*1500*DE  | [0.50] | Humans in the Natural World - a Zoological Perspective          |
| HTM*4160*DE  | [0.50] | Human Resources Planning                                | ZOO*2050*DE  | [0.50] | Natural History of Ontario                                      |
| LARC*1950*DE | [0.50] | History of Cultural Form I                              |              |        |   |
| LARC*4610*DE | [0.50] | Professional Practice                                   |              |        |   |
| MATH*1000*DE | [0.50] | Introductory Calculus                                   |              |        |   |
| MATH*2150*DE | [0.50] | Applied Matrix Algebra                                  |              |        |   |
| MBG*3060*DE  | [0.50] | Quantitative Genetics                                   |              |        |   |
| MBG*3090*DE  | [0.50] | Applied Animal Breeding                                 |              |        |   |
| MBG*3600*DE  | [0.25] | Introduction to Genomics                                |              |        |   |
| MCS*1000*DE  | [0.50] | Introductory Marketing                                  |              |        |   |
| MCS*2020*DE  | [0.50] | Information Management                                  |              |        |   |
| MCS*2100*DE  | [0.50] | Personal Financial Management                           |              |        |   |
| MCS*3010*DE  | [0.50] | Quality Management                                      |              |        |   |
| MCS*3030*DE  | [0.50] | Research Methods  |              |        |   |
| MET*1000*DE  | [0.50] | The Atmospheric Environment                             |              |        |   |
| MUSC*1060*DE | [0.50] | Introduction to Music                                   |              |        |   |
| MUSC*1130*DE | [0.50] | Introduction to Musicianship                            |              |        |   |
| MUSC*2140*DE | [0.50] | History of Jazz   |              |        |   |
| MUSC*2280*DE | [0.50] | Masterworks of Music                                    |              |        |   |
| NUTR*1010*DE | [0.50] | Nutrition and Society                                   |              |        |   |
| NUTR*2050*DE | [0.50] | Family and Community Nutrition                          |              |        |   |
| PATH*3610*DE | [0.50] | Principles of Disease                                   |              |        |   |
| PHIL*2070*DE | [0.50] | Philosophy of the Environment                           |              |        |   |
| PHIL*2100*DE | [0.50] | Critical Thinking                                       |              |        |   |
| PHYS*1020*DE | [0.50] | Introductory Physics                                    |              |        |   |
| PHYS*1600*DE | [0.50] | Contemporary Astronomy                                  |              |        |   |
| POLS*1400*DE | [0.50] | Issues in Canadian Politics                             |              |        |   |
| POLS*1500*DE | [0.50] | World Politics  |              |        |   |
| POLS*2250*DE | [0.50] | Public Administration                                   |              |        |   |

**Note:**

- Getting ready for Calculus, a non-degree credit preparatory course, is also offered via distance.

**Note:** Please check with the Office of Open Learning regarding the technology and resource requirements (e.g. computer, internet, VCR, DVD player, etc.) for the specific course(s) in which you are interested.

The courses have been designed and written by experts to meet rigorous standards. Clusters of courses are offered from selected areas of specialization within the University.

The Diploma in Public Policy and Administration, the Certificate in Food Science, the Certificate in Hospitality Studies, the Certificate in Environmental Citizenship, the Certificate in Environmental Conservation and the Certificate in Leadership are also offered in the distance education mode in whole or in part (see Certificates and Diplomas in this section for further information).

## General Studies

The objective of the General Studies program is to provide mature students with the opportunity to take university courses before registering in a specific degree program or to take university courses for continued learning with no immediate intention of registering in a degree program. The General Studies program does not lead towards a specific undergraduate degree at the University of Guelph. Initially, students register for part time studies only.

## Academic Counselling

General Studies students can obtain counselling for selecting courses, and planning their future program from the B.A. Counselling Office located in Room 130 MacKinnon

Building. Prospective students should contact the Admissions Section of the Office of Registrarial Services.

### Financial Assistance

Students registered in 3 or more courses of the General Studies program are eligible to apply to the Ontario Student Assistance Program (OSAP) if an Ontario resident. Students who are residents of other provinces must apply to their home province for financial assistance. General Studies students are eligible to apply for OSAP assistance for a maximum of two semesters. General Studies students who transfer to a degree program may continue to apply for OSAP.

### Schedule of Studies

1. Students may take any undergraduate course offered by the University, as long as any stated prerequisites are met or the approval of the instructor is obtained.
2. Students may take Associate Diploma courses with the approval of the Director of the Associate Diploma program.
3. Students will not normally be eligible to continue in the General Studies program after enrolment in 20 courses.
4. The grade assigned for each course will become part of the student's University academic record.
5. Students who register in the General Studies program and who subsequently apply for transfer to a degree or diploma program, will be required to meet admission requirements for that program, and credit granted for courses taken in the General Studies program will be subject to the regulations pertaining to that program.

### Tuition Fees

Students are advised to refer to Section VI--Schedule of Fees.

### Undergraduate Regulations

Students are referred to Section VIII--Undergraduate Degree Regulations for additional information regarding registration, course selection, withdrawal from study, continuation of study, examination policy and requests for academic consideration.

### Graduate Studies

The University of Guelph offers graduate programs in most departments and schools. These post-baccalaureate programs offer opportunities for personal, academic and professional growth. Students with a 70% average or higher should consider and investigate these options, beginning no later than their third undergraduate year. Decisions regarding the desired area of study and pursuit of scholarship support require forethought and planning. Information, application forms, and counselling are available through the graduate coordinators of each department/school. Students are also welcome to visit the Office of Graduate Program Services, Level 3, University Centre.

The University of Guelph offers opportunities for qualified students to do graduate work leading to the Master of Arts (M.A.), Master of Science (M.Sc.), Master of Landscape Architecture (M.L.A.), Master of Engineering (M.Eng.), Master of Science in Aquaculture (M.Sc. Aqua), Master of Business Administration (M.B.A.), Master of Fine Art (M.F.A.), Master of Science in Planning (M.Sc. Plan), Master of Applied Nutrition (M.A.N.), Doctor of Philosophy (Ph.D.), and Doctor of Veterinary Science (D.V.Sc.) degrees.

### Interdisciplinary Studies

The University of Guelph offers many interdisciplinary programs that cross departmental and college boundaries. In addition, specific courses and specializations have been modelled on an interdisciplinary approach to the topic or subject area.

Courses with an interdisciplinary approach and content are listed in Section XII under the following headings: Humanities, Physical Science, and Social Science as well as Interdisciplinary University Courses.

The following list of specializations is not intended to represent all the university's interdisciplinary initiatives. Instead it identifies those specializations that involve a significant degree of collaboration between departments or colleges. For further details, refer to the appropriate undergraduate degree program information in Section IX.

### Bachelor of Arts

Criminal Justice and Public Policy  
Environmental Studies (Minor)  
European Studies  
Information Systems & Human Behaviour  
International Development  
Women's Studies

### Bachelor of Commerce

Agricultural Business  
Hotel and Food Administration  
Human Resources Management  
Management Economics in Industry & Finance  
Marketing Management

Public Management  
Tourism Management

### Bachelor of Science (Biological Science)

Biomedical Toxicology  
Earth Surface Science  
Environmental Toxicology  
Plant Biology

### Bachelor of Science in Environmental Sciences

### Open Learning

The University of Guelph serves the learning needs of people of all ages whose educational requirements may not match the program structure or services available through full-time undergraduate study. The adoption of the philosophy of lifelong learning, changes in the demographic characteristics of our communities, the explosion of new knowledge, and the effect of rapid technological advances on professional competence are major factors underlying the University's commitment towards alternative approaches to providing education through open learning.

### The Office of Open Learning

The Office of Open Learning is the institutional focus for distance education, continuing education, and the Open Learning program. As such, the Office of Open Learning supports departments in the development and delivery of open learning activities. Courses and programs cover a broad spectrum of learning needs which include professional updating programs and general interest/knowledge enhancing courses.

### The Open Learning program

The Open Learning program is an open admission distance-only part-time mode of study that provides access to degree-credit university courses for individuals who wish to study independently but are not interested in pursuing a degree at the University of Guelph at the present time. You may register in the Open Learning program, even if you are in another program or are registered at another post-secondary educational institution. The Open Learning program extends the academic resources of the University to those interested in personal enrichment, professional updating, or eventual application to a degree program.

Open Learning program students must complete the same assignments and examinations as those in degree programs and are evaluated using the same standards. Upon successful completion of a course, learners receive the same credit weight for courses as would apply to courses taken within the degree program.

### Continuing Education Option

Those not interested in receiving degree credit for courses may register as continuing education students. Learners taking courses in this way are not required to complete assignments or related exams.

Further information is available from the Office of Open Learning, Room 160 Johnston Hall, by email: [info@open.uoguelph.ca](mailto:info@open.uoguelph.ca), by phone (519) 767-5000 or at [www.open.uoguelph.ca](http://www.open.uoguelph.ca).

### Guaranteed Admission to a B.A. Program

Open Learning program students who have no previous post-secondary experience and have completed four courses, (2.00 credits), with a 70% minimum cumulative average may transfer into the B.A. Program at the University of Guelph.

Applicants are advised to complete two courses (1.00 credit) from the College of Arts and two courses (1.00 credit) in the Social Sciences.

### Open Learning program Certificates and Diplomas

Certificate in Environmental Citizenship  
Certificate in Environmental Conservation  
Certificate in Food Science  
Certificate in Hospitality Studies  
Certificate in Leadership  
Diploma in Public Policy and Administration  
(Refer to Certificates & Diplomas in this section for descriptions or contact the Office of Open Learning.)

### Open Learning program Courses\*

*\*please check with the Office of Open Learning regarding the technology and resource requirements (e.g. computer, internet, VCR, DVD, etc.) for the specific course(s) in which you are interested.*

Please refer to Distance Education in this section for a listing of courses offered through the Open Learning program.

## Open Learning Scholarships/Bursaries

### Open Learning Bursaries

The Office of Open Learning (OOL) staff and friends have established and contribute annually to a bursary fund, which initially will provide two \$250 awards. These funds are intended to provide support for non-degree students, in need of financial assistance, who are wishing to enroll in an Office of Open Learning continuing education activity and/or in the Open Learning program (courses, certificates and diplomas). Apply to the Office of Open Learning by January 30th and July 30th for the following Fall and/or Winter and/or Summer semesters of study with a letter of application outlining financial need with pertinent supporting documentation. Applications must be submitted to: OOL Bursary Award Committee, Office of Open Learning, University of Guelph, Johnston Hall Room 160, Guelph, Ontario, N1G 2W1.

**Qualification(s):** Canadian citizens or permanent residents with the greatest financial need.

**Amount:** Two awards of \$250.

### The Malik Scholarship

Awarded in honor of retired faculty member Professor Henrick Malik, of the Department of Mathematics and Statistics in the College of Physical and Engineering Science.

**Qualification(s):** A student in the Open Learning program who achieves at least 80% and the highest final grade in a given year in the distance education course Statistics for Business Decisions (STAT\*2060\*DE)

**Amount:** One award of \$150

## Distance Education

The Office of Open Learning facilitates the delivery of degree credit courses to students who are typically off-campus or wish to take distance courses in order to accommodate their schedules. The Office of Open Learning assists in course development and preparation and is the focal point of this activity by providing information, student support, and administration. Please refer to the Distance Education heading in this section for the listing of courses offered through the distance format.

Calendars and brochures outlining complete details of activities are available from the Office of Open Learning, Johnston Hall Room 160, 767-5000, info@open.uoguelph.ca, or at www.open.uoguelph.ca.

## Continuing Education

The Office of Open Learning annually offers over 100 professional development programs, courses, conferences, and certificates in collaboration with academic departments and/or professional organizations. For detailed information on learning opportunities offered by the Office of Open Learning contact us at tel: (519) 767-5000; fax (519) 767-1114; email: info@open.uoguelph.ca; website: www.open.uoguelph.ca; or visit us in Johnston Hall Room 160.

## Certificate Program In Couple & Family Therapy Studies

*(co-sponsored by the Ontario Association for Marriage and Family Therapy)*

The Certificate in Couple and Family Therapy Studies is designed to provide practising therapists with specialized training and updating in the needs, problems and changing patterns of couple and family relationships. Systems theory is the primary, although not the only, theoretical orientation within the program. Attention to issues of gender, race, class, ethnicity and culture underlies all aspects of the program. Program faculty are clinical members of the American Association for Marriage and Family Therapy (AAMFT) and AAMFT-approved supervisors.

Courses in this program are designed to meet the education requirements for Clinical Membership in the American Association for Marriage and Family Therapy. All courses are delivered at a level of rigour equivalent to that of a Master's degree and require completion of a formal evaluation component, marked according to University of Guelph grading standards. Individuals successfully completing the required course of study will receive the Certificate in Couple and Family Therapy Studies from the University of Guelph and the Ontario Association for Marriage and Family Therapy. While completion of all six courses in the certificate program is encouraged, students are welcome to take courses for general interest or specific upgrading, provided they have adequate background and/or preparation. It is strongly recommended that students pursue a concurrent program of clinical practice and supervision. Prerequisite: A bachelor's degree.

### Required Courses

Theories and Methods of Family Therapy I

Theories and Methods II: Post-Modern Models in Family Therapy

Theories and Methods of Couple Therapy

### Elective Courses (Choose 3)

Violence in Families

Human Sexuality and Sex Therapy

Divorce, Single Parenting and Re-marriage

Change Strategies in Therapy

Research in Marriage and Family Therapy

Professional Ethics in Marriage and Family Therapy

Family Therapy and Mental Health

Spirituality: A New Story in Family Therapy

Couple and Family Therapy with LGBT Clients and their Families

## Diploma in Human Resources Management

Human resources management is a system of interrelated activities including training and development, compensation management, and labour relations that work towards satisfying organizational goals and objectives. Typically, managers in smaller organizations are responsible for these activities in addition to other operational responsibilities. In larger organizations, the human resources department generally has subject specialists who oversee each function area. Regardless of how the system of activities is administered, individuals responsible for managing a group of employees should have a practical understanding of management tools and techniques to effectively work with the most important resource in their organizations - their people.

The Diploma in Human Resources Management provides essential management foundation skills and knowledge with particular emphasis on relating practitioner principles, policies and procedures to "real world" situations. Courses in the Diploma meet the HRP AO academic program requirements. This program consists of ten courses and is designed to meet the learning needs of individuals who currently work in a human resources environment or who have ambition to do so.

### Required Courses

Human Resources Administration

Organization and Management

Finance and Accounting Concepts

Occupational Health and Safety

Salary Administration and Benefits

Training and Development

Labour-Management Relations

Human Resource Planning

Recruitment and Selection

### One of the following two courses by distance education:

PSYC\*3070\*DE [0.50] Psychology in Human Resource Management

PSYC\*3080\*DE [0.50] Organizational Psychology

## English Language Certificate Program

The English Language Certificate Program is an intensive academic English program designed to prepare ESL students aged 18 and over for academic study at the undergraduate and graduate level. Daily classes in grammar, reading, writing, listening and speaking help students achieve the advanced level English skill needed to be successful in academic studies. A student who successfully completes the Advanced level with an average of 75% earns the University of Guelph Certificate of English Proficiency. Applicants must have a minimum of intermediate level English skill, and have an academic goal to study at a university.

## Academic Writing at the Graduate Level

This online course introduces future and current graduate students to the writing requirements of graduate study in a Western university. Students study and analyze different types (genres) of writing from the three disciplinary areas of arts, the physical and natural sciences, and the social sciences in order to better understand these texts' function, audience and organization. These texts include abstracts, research proposals and thesis chapters. Through a small selection of readings, students are also introduced to the cultural dimension of graduate study at a Western university.

## Graduate Preparation Program

This intensive academic preparation program for graduate level students is designed to provide a bridge to academic and cultural life in a Western university. Classes in this two semester program include: Academic Writing Skills, Research Skills, Oral Presentation Skills, Lecture Note-taking Skills, Critical Thinking Skills, Academic Culture and Environment, Teaching Skills for Graduate Assistants, Understanding Canadian Culture and Conversation Practice.

## Academic Writing for Teachers of English as a Foreign Language (EFL), Level 1

This online course is designed to develop and improve the writing skills of English teachers who are not native English speakers, and who are teaching English writing to students planning to study in a Western university. This course takes a functional approach to developing EFL teachers' academic writing skills through the analysis of a number of short texts to learn about different types of academic texts and their purposes. Students develop the language used to describe, reason, analyze and evaluate in a supportive, interactive multimedia environment. The course includes a cultural component as students are introduced to the teaching and learning practices and general expectations of a Western university.

## International Student Certificate Program

This one year study abroad program is designed for international university students who do not qualify for traditional university exchange programs. The three semester program can be configured in one of three combinations of English Language Certificate Program



and Open Learning program. Participants must be an undergraduate university student in their home country and should have a letter of permission to study at the University of Guelph.

### Equine Science Certificate

The Certificate consists of six distance education courses taken online. This program is designed to provide horse owners and those working in the equine industry with evidence based knowledge to improve the health and performance of horses in their care.

#### The courses are as follows:

Management of the Equine Environment  
Equine Exercise Physiology  
Equine Health and Disease Prevention  
Equine Functional Anatomy  
Growth and Development  
Equine Nutrition

For details and to apply, please see <http://www.equinesciencertificate.ca>

### Landscape/Horticulture Online Certificate Programs

The Landscape/Horticulture Online Certificate Programs include five certificates and over 25 online/web-based courses offered by distance education. Learners may enrol in one or more individual courses or study towards one or more of the certificates.

#### Creating Landscapes Certificate

The Creating Landscapes Certificate is designed to provide landscape designers, contractors and gardening enthusiasts with the training and skills necessary for creating desirable outdoor living environments. The program refers to historical influences on modern landscape design and discusses the Design Process. Other topics include management principles for operating a successful business, the physical properties and uses of landscape construction material, and incorporating computer technology in creating successful designs.

#### Required Courses:

Landscape Design I  
Landscape Design II  
Introduction to Landscape Construction  
Landscape Plants or Introduction to Plant Identification  
Computer Assisted Design  
Business Management Principles

For details and to apply, please see <http://www.horticulturecertificates.com/>.

#### Maintaining Golf Courses Certificate

The Maintaining Golf Courses Certificate is designed to provide turf managers and golf superintendents with turf identification and management skills, insight into golf course design and construction techniques, tree care techniques and other best management practices related to the care of golf courses. Challenges such as maintaining healthy playing conditions while respecting environmental needs such as wildlife and water quality are also examined.

#### Required Courses:

Turf Management  
Irrigation  
Golf Course Design and Construction  
Weed Management in Turf  
Arboriculture  
Environmental Management of the Golf Course

For details and to apply, please see <http://www.horticulturecertificates.com/>.

#### The Horticulturist Certificate

This online certificate is designed especially for gardeners wishing to enhance their knowledge and skills relating to the residential garden environment. The impact of soil conditions are a critical aspect of this study program. Basic horticulture and botany is discussed as are principles of plant care for ensuring optimum health. Students will learn about common plant pests and diseases and their effective treatments. They will begin to create beautiful and hardy landscapes through innovative residential garden design tactics and strategies.

#### Required Courses:

Cultural Practices for Plants  
Introduction to Plant Identification or Landscape Plants  
Designing the Landscape  
Ornamental Plant Protection  
Introduction to Soil and Plant Growth  
Weed Management in Horticulture  
Growing Plants

For details and to apply, please see <http://www.horticulturecertificates.com/>.

### Growing Plants for Profit Certificate

In the Growing Plants for Profit Certificate, students will learn how to effectively grow healthy crops while at the same time implementing sound business practices. Plant propagation techniques are thoroughly discussed as are the specifics of both greenhouse and nursery production. Business skills are offered to guide students through the complexities of running a profitable business operation. Plant identification techniques ensure that learners have a good understanding of the most exciting product choices.

#### Required Courses:

Commercial Floriculture  
Landscape Plants or Introduction to Plant Identification  
Greenhouse Management  
Nursery Production  
Plant Propagation  
Business Management Principles

For details and to apply, please see <http://www.horticulturecertificates.com/>.

### Sustainable Landscape Certificate

The Sustainable Landscapes Certificate is designed for students who wish to learn about innovative strategies which help fortify the relationships between water and land, ensuring care of both environments. Design tactics to retain or enhance naturalized landscapes will be examined. Students will gain knowledge about tree health as it relates to both the individual plant and woodland communities.

#### Required Courses:

Land and Water Resources  
Landscape Plants or Introduction to Plant Identification  
The Naturalized Landscape  
Conserving Woodlands  
Arboriculture

For details and to apply, please see <http://www.horticulturecertificates.com/>.

### Professional Association Affiliations

Several courses have been approved by the following associations and may be applied to each association's respective professional programs:

Association of Administrative Assistants  
Canadian Golf Superintendents Association  
Canadian Payroll Association  
Crop Life  
Golf Course Superintendents Association of America  
Human Resources Professionals Association of Ontario  
Industrial Accident Prevention Association  
Integrated Pest Management - Plant Health Care Council  
Ontario Association of School Business Officials  
Ontario Association for Marriage & Family Therapy  
Ontario Independent Meat Processors  
Purchasing Management Association of Canada

### Summer Studies (Summer Semester)

Because the university operates on a three semester system, a broad range of course offerings is available in the Summer Semester (May to August). During the summer months, degree credit courses are offered in a variety of formats to meet the needs of full-time and part-time students both on-campus and off-campus. In addition to regular semester courses running from May to August, there is a summer session (May to June) when degree courses are offered in a six week format. For scheduling information consult the Undergraduate Timetable, available from the Academic Records Section, in the University Centre, Level 3.

Distance education opportunities are also available during the summer. For further details, contact the Office of Open Learning, Room 160, Johnston Hall, by email: [info@open.uoguelph.ca](mailto:info@open.uoguelph.ca), by phone (519) 767-5000 or <http://www.open.uoguelph.ca/>.