

## 2004-2006 Graduate Calendar

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2004-2006 academic years, including the Summer Semester 2005, the Fall Semester 2005 and the Winter Semester 2006.

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:

- The Association of Universities and Colleges of Canada

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## **Disclaimer**

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The Office of Graduate Program Services 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**

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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, 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.

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## Table of Contents

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<b>VI. University Courses .....</b>	<b>28</b>
<b>Courses .....</b>	<b>28</b>

## VI. University Courses

### Courses

University courses are designed for students from different fields and disciplines to engage in course work that is not discipline based.

#### **UNIV\*6000 The Structure and Function of Muscle U [0.50]**

An interdisciplinary course covering basic aspects of muscle from a range of viewpoints: structure, metabolism, protein content, energetics, mechanics, biological adaptations, growth and development. The course is designed for graduate students from a wide range of specific disciplines and will provide a broad background to muscle biology as well as more detailed insights into specific aspects of each area covered.

#### **UNIV\*6010 Regulation in Muscle Metabolism U [0.50]**

An interdisciplinary course emphasizing the regulation of muscle metabolism in vivo. The course focuses on the integration of metabolic fuel utilization to meet cellular energy demands under a variety of conditions in the whole animal. Topics include: sources of energy demand, integration of energy supply to meet energy demands, and regulation of cell growth, maintenance and adaptation.

#### **UNIV\*6030 Selected Topics in Animal Welfare U [0.50]**

This course provides for an interdisciplinary forum for the discussion of topics in animal welfare. Selected topics will be analyzed in depth with input from various disciplines such as animal science, biology, philosophy, psychology, and economics. An introductory lecture for registered students will be followed by six 2-hour seminars which will be open to the university community (advertised through the Centre for the Study of Animal Welfare, CSAW). Proceedings from the course, including papers prepared by registered students, will be published.

#### **UNIV\*6500 International Study Option U [0.00]**

A period of study in another country as part of a graduate program at the University of Guelph. Details may be obtained from Graduate Program Services.

#### **UNIV\*6600 Animal Care Short Course W [0.00]**

A one-day seminar covering the following topics: Animal Welfare Philosophy, Ethological Considerations in Animal Management, Assessing Animal Welfare, Ethical Dilemmas, Regulations and Legislation, Euthanasia, Improving Statistical Power, Zoonoses and Biohazards, Recognition and Alleviation of Pain and Distress in Animals, Case Study Evaluation.

#### **UNIV\*6710 Commercialization of Innovation F [0.50]**

This course is designed to help participants better understand the process, the analytical tools that can assist the process and how best to prepare technologies to survive commercialization. The course includes elements of entrepreneurship, relationship building, organizational change, as well as project and personnel management.

#### **UNIV\*6800 University Teaching: Theory and Practice F-W [0.50]**

Participants will critically examine aspects of teaching in higher education and develop teaching skills such as lecturing, demonstrating, leading discussions, and problem solving. Satisfactory (SAT) or unsatisfactory (UNS) will be used to evaluate the student's performance in this course.