

**University of Guelph
College of Biological Science
Department of Human Health and Nutritional Sciences
Course Outline**

**HHNS*6910: Basic Research Techniques and Processes
Fall 2013, Winter 2014, Summer 2014**

Course Coordinators:

Genevieve Newton, Ph.D.; Email: newton@uoguelph.ca

Classes:

This class does not formally meet. If you have any questions or concerns throughout the semester, please contact the course coordinator.

Course Description:

Under the supervision of a faculty advisor, students will gain experience in basic aspects of scientific research. This will be accomplished through experience of one or more components of the scientific method in a laboratory setting.

Course Objectives:

Upon completion of this course, students should:

1. Have an expanded understanding of a specific research process.
2. Have improved scientific writing skills.
3. Have improved oral communication skills.

Evaluation:

Written Report	40% (graded by faculty advisor)
Oral Presentation	20% (graded by course coordinator or designate)
Effort/Progress Throughout Semester	40%* (graded by faculty advisor)

*The criteria for evaluation of effort/progress throughout the semester may include but is not limited to activities such as independent thought, discipline, problem solving skills, organization, productivity, ability to plan, ethics and safety.

Details on Written Report:

The purpose of the written report is to document and communicate your research experience as it occurred throughout the semester. Since the specific experiences will vary, the precise format of the written report should be finalized between the student and their faculty advisor. The written report will be due at the end of the semester with sufficient time for your faculty advisor to assign a grade, with grades due the last day of the final exam period to the course coordinator.

Details on Oral Presentation:

All students registered for this course will gather at the end of the semester to present their oral presentations. The scheduling of the oral presentations will be during the final exam period with the precise date to be determined each semester. The format of the oral presentations will be a 15 minute timeslot per student that must include a few minutes for questions.

Additional Information

E-mail Communication

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course in writing, with your name, id#, and e-mail contact. See the graduate calendar for information on regulations and procedures for Academic Consideration:

http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1400.shtml

Drop Date

The last date to drop one-semester courses, without academic penalty, is listed in the Graduate Calendar. Refer to the Graduate Calendar for the schedule of dates:

<http://www.uoguelph.ca/registrar/calendars/graduate/current/sched/sched-dates-f10.shtml>

Academic Misconduct

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection. The Academic Misconduct Policy is detailed in the Graduate Calendar:

http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1687.shtml

Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded in any electronic media without the permission of the presenter, whether the instructor, a classmate or guest lecturer.

Resources

The Graduate Calendar is the source of information about the University of Guelph's procedures, policies and regulations which apply to graduate programs:

<http://www.uoguelph.ca/registrar/calendars/graduate/current/>