

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

HHNS\*6910: Basic Research Techniques and Processes  
Fall 2018, Winter 2019, Summer 2019

**Course Coordinators:**

Amanda J. Wright, Ph.D.; Email: ajwright@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:**

**Form of Assessment**

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:**

#### Email 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 (page 7): [Graduate Calendar - General Regulations](#)

#### 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: [Graduate Calendar- Schedule of Dates](#)

#### 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: [Graduate Calendar - Academic Misconduct](#)

#### 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: [Graduate Calendar](#)

#### Accessibility

The University of Guelph is committed to creating a barrier-free environment. Providing services for students is a shared responsibility among students, faculty and administrators. This relationship is based on respect of individual rights, the dignity of the individual and the University community's shared commitment to an open and supportive learning environment. Students requiring service or

accommodation, whether due to an identified, ongoing disability or a short-term disability should contact the Centre for Students with Disabilities (soon to be re-named Student Accessibility Services) as soon as possible.

For more information, contact CSD at 519-824-4120 ext. 56208 or email [csd@uoguelph.ca](mailto:csd@uoguelph.ca) or refer to the [CSD website](#). The standard statements are available on the [AVPA website](#) (undergraduate courses) or from the Office of Graduate Studies (Graduate Courses).