

University of Guelph, Department of Chemistry  
College of Physical and Engineering Science

# CHEM\*4900 Chemistry Research Project I

Credits: 1.00 CEUs

Winter 2016

**Pre-requisites:** 5.00 credits in chemistry including (1.50 credits from [CHEM\\*3430](#), [CHEM\\*3640](#), [CHEM\\*3650](#), [CHEM\\*3750](#), [CHEM\\*3760](#), [CHEM\\*3870](#))

**Restrictions:** Instructor consent required

## Undergraduate Calendar Course Description:

This research project and seminar in chemistry is designed to provide senior undergraduates with an opportunity to conduct research in an area of chemistry. Students must make arrangements with both a faculty supervisor and the course coordinator prior to registration. Students cannot choose a supervisor with whom they already have research experience in another capacity (e.g. a summer research position). The project supervisor must be a faculty member of the Chemistry Department. Students should note that most projects are of two semesters' duration, and should plan their studies on the expectation that they will also register in [CHEM\\*4910](#) in a subsequent semester.

STUDENTS ARE EXPECTED TO SPEND 12 HRS/WEEK ENGAGED IN THEIR RESEARCH PROJECT.

**Course Coordinator:** Prof. Kathryn Preuss  
Office: MACN 335  
Phone: x56711  
Email: [kpreuss@uoguelph.ca](mailto:kpreuss@uoguelph.ca)

**Student Oral Presentations:** Saturday, April 2<sup>nd</sup>, 2016

**Written Reports Due:** Friday, April 8<sup>th</sup>, 2016, 12:00 h (noon)

**Course Instructions:** Available on CourseLink

## Evaluation:

Seminar (oral presentation) examiner's grade – 15%

Seminar (oral presentation) chair's grade – 15%

Report (written paper) examiner's grade – 20%

Report (written paper) supervisor's grade – 20%

Lab performance – supervisor's grade – 30%

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Total – 100%

Some comments on the evaluation procedure:

- The student's project supervisor grades the written report and provides a lab grade.
- Another faculty member acts as an examiner and provides a grade for the oral presentation and for the written report.
- A third faculty member will act as chair for the oral presentation and provide a grade for this component only.
- Guidelines for the grading of the seminar and report are provided.
- The lab grade is assigned at the supervisor's discretion, but may be evaluated based on attendance, industriousness, skill acquisition, attitude, engagement, safety, and responsibility.

### **E-mail Communication:**

As per university regulations, all students are required to check their University-issued 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 coordinator in writing, with your name, id#, and e-mail contact. See the undergraduate calendar for information on regulations and procedures for Academic Consideration:

<http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml>

### **Drop Date:**

The last date to drop one-semester courses, without academic penalty, is **Friday, Mar. 11<sup>th</sup>, 2016**. For regulations and procedures for Dropping Courses, see the Undergraduate Calendar:

<http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml>

### **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 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 see the website: <http://www.csd.uoguelph.ca/csd/>

### **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.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor. The Academic Misconduct Policy is detailed in the Undergraduate Calendar:

<http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml>

**Recording of Materials:**

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

**Resources:**

The Academic Calendars are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs: <http://www.uoguelph.ca/registrar/calendars/index.cfm?index>