

Honors Research

Chemistry 483

Section: D100

Term: 2001 Fall

Instructor: Faculty

Discussion Topics: This course provides the opportunity for advanced students to undertake a second semester of research. It may only be used as credit towards the B.Sc (Hon) degree in Chemistry.

Calendar Description:

Experimental and/or theoretical research; preparation of a written report and oral presentation in research seminar format. Admission requires selection of a faculty supervisor and submission of a research proposal. Prospective students must contact the Chemistry Advisor to register their interest in this course before the last day of classes of the previous semester. The research proposal is due by the end of the examination period preceding the research semester.

Procedure

During the semester preceding the one during which the research is to be conducted, the student should contact the Chemistry Advisor to check eligibility and advisability of taking this course. Next the student should approach potential supervisors to discuss possible research topics (students are strongly encouraged to consider a change of supervisor and research area from CHEM 481). Once a faculty member has been chosen and has agreed to supervise the student, further discussions should take place to prepare a 1-2 page proposal. The Advisor will forward the proposal and the student's transcript to the Department Undergraduate Studies Committee for approval. The proposal is a joint responsibility of the supervisor and the student, and must be submitted no later than the end of the exam period preceding the research semester.

The following information is required in the proposal:

- the scope of the research, including how the research project coordinates with other research underway in the supervisor's research group;
- a list of research techniques that will be applied in the course of the project, and other benefits to the student's training;
- how the project will be assessed and the grade determined.

At the end of the research semester, during the normal exam period, the student must submit a written research report and make a short (typically 30 minute) presentation of the work in a seminar open to the Department. One or more members of the Undergraduate Studies Committee will attend, and student presentations will be grouped, to increase the potential audience.

Grading: The final grade will be assigned by the supervisor and include an assessment of progress throughout the research semester as well as the quality of the written and oral reports. Supervisors are encouraged to include other faculty in their assessment of the oral

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presentation.

Required Texts: None

Recommended Texts: None

Materials/Supplies: None

Prerequisite/Corequisite: CHEM 481 and permission of the Department.

Notes: None

This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.