

COURSE OUTLINE
CHEM 5023 – RESEARCH PROPOSAL

Description

An introduction to the scientific method, preparation of research proposals, and scientific critique. Students must prepare a research proposal based on their thesis, and, present and defend it to the department. Students are required to submit the five (5) pages single spaced proposal and CV to the Thesis Advisory Committee 7 days before the exam. A 15-min oral presentation is given to the department with questions from the audience. The oral exam will be given by the thesis advisory committee in presence of audience and normally chaired by the Head of the Chemistry Department. Questions will be naturally centered around the discussed topics but may also test knowledge of chemistry related to the chosen research area. This course must be attempted within the first 8 months and completed with a passing grade (B-) within the first 12 months of their degree.

Grading

	Percent	Evaluated by	Comments
Written proposal	40%	Committee	5 pages + CV
Oral Presentation	20%	Department	15-min presentation + 15-min questions
Oral Examination	40%	Committee	1 hour, 2 rounds of questions

Note: A maximum of two attempts are permitted. Deliberation is open to the committee only.