



## Doctoral Research and Dissertation

The University of Toledo  
College of Engineering  
CHEE 8960

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<b>Instructor:</b>	Research Advisor	<b>Class Day/Time:</b>	MTWRF
<b>Class Location:</b>	Chemical Engineering Laboratories	<b>Credit Hours:</b>	1 to 9 hours

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### COURSE/CATALOG DESCRIPTION

Graduate research towards the completion of a Doctoral Degree. Course may be repeated.

### STUDENT LEARNING OUTCOMES

Student will make progress in dissertation research. The dissertation research will culminate in submission of a written dissertation and an oral defense of the dissertation.

Specific outcomes will vary depending on the stage of the student's progress and can include:

- Conduct, summarize and/or present a comprehensive literature review in the dissertation topical area
- Develop research hypotheses
- Develop research protocols and methodology
- Gather and/or develop relevant data needed to test hypotheses
- Analyze data and discuss results in written reports/oral presentations
- Present research results in a format acceptable for publication
- Analyze research results in context of present knowledge/literature in research topic area

### PREREQUISITES AND COREQUISITES

Admission to the graduate program and selection of a research advisor.

### REQUIRED TEXTS AND ANCILLARY MATERIALS

No textbooks required.

### UNIVERSITY POLICIES

The University is an equal opportunity educational institution. Please read [The University's Policy Statement on Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance](#).

### Academic Accommodations

The University of Toledo is committed to providing equal access to education for all students. If you have a documented disability or you believe you have a disability and would like information regarding academic accommodations/adjustments in this course please contact the [Student Disability Services Office](#).

### GRADING

Course grading is pass (S) or unsatisfactory (U).

### COURSE SCHEDULE

This course is a research experience and has no lecture schedule.