Advanced entry into the PhD program requires a master’s degree in chemistry or a related area. Graduate courses taken during acquisition of the Master of Science degree allow completion of the PhD program with fewer course credits. Other than the course requirements, which are specified separately, see the PhD program requirements for details.

Industry Entry PhD
This program is strictly for students who already have a master's degree in chemistry or related area and have full-time employment at a company. The company must commit to all financial responsibilities accrued in obtaining the degree and allow time for the student to work on a PhD thesis in collaborative research with a company supervisor and one of our faculty members. Graduate courses in the Department of Chemistry and Chemical Biology are taught in the evenings to accommodate the fact that our students work in industry during the day.

Program Requirements
Complete all courses and requirements listed below unless otherwise indicated.

Milestones
Three qualifying examinations
Annual review
Candidacy
Dissertation committee
Minimum of three seminars
Dissertation defense

General Requirements
CHEM 5600 Research Skills and Ethics in Chemistry 3
CHEM 7750 Advanced Problem Solving 3
CHEM 8504 Graduate Seminar 1

Dissertation
Complete the following (repeatable) course twice:
CHEM 9990 Dissertation 0

Program Credit/GPA Requirements
7 total semester hours required
Minimum 3.000 GPA required