## CORE REQUIREMENTS

### Literacies
#### Composition
- ENG 111 OWE I 3 CH
- ENG 112 OWE II 3 CH

Writing Intensive courses (no more than 3 in major)
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#### Presentation
- INDS 100 1 CH

PIC courses (no more than 2 in major)
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#### Foreign Language
- 150 3 CH
- 151 3 CH

Or proficiency score

### Quantitative/Scientific Reasoning
#### Any Precalculus or Calculus course 3 or 4 CH
#### Or proficiency test score (pre-calc or higher)
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#### Lab Science
- 4 CH

#### Science or Quantitative course 3 or 4 CH
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### Creative
- Fine or Performing Arts course 3 or 4 CH

### Socio-Political
- (any social science course, includes economics) 3 or 4 CH

### Humanistic
- REL 120 3 CH
- Any course in Humanities discipline 3 CH

### Seminar Series
- SEMS 100 Introduction to Seminar Series 1 CH
- SEMS 200 Western Traditions 3 CH
- SEMS 250 World Cultures 3 CH
- SEMS 400 Global Issues 3 CH

### Practicum Series
(choose 2 of the following):
- Citizenship
- Leadership
- Study Away/Abroad
- Scholarship

### Concern for Physical Well-Being
- Theory 2 CH
- and
- Phys. Activ. 2 CH

## MAJOR REQUIREMENTS

### (all required):
- CHEM 140 General Chemistry I 4 _____/_____/_____
- CHEM 160 General Chemistry II 4 _____/_____/_____
- CHEM___ Intro. to Inorganic Chem. 4 _____/_____/_____
- CHEM 200 Organic Chemistry I 4 _____/_____/_____
- CHEM 210 Organic Chemistry II 4 _____/_____/_____
- CHEM 240 Quantitative Analysis 4 _____/_____/_____
- CHEM 3___ Fund. of Phys. Chem. 4 _____/_____/_____
- CHEM 370 Instrumental Analysis 4 _____/_____/_____
- CHEM 4___ Chemistry Capstone I 4 _____/_____/_____
- CHEM 4___ Chemistry Capstone II 4 _____/_____/_____
- MATH 181 Calculus I 4 _____/_____/_____
- MATH 182 Calculus II 4 _____/_____/_____
- PHYS 174 Intro. to Physics I 4 _____/_____/_____
- PHYS 184 Intro. to Physics II 4 _____/_____/_____
- CHEM 345 Biochemistry I 4 _____/_____/_____
- CHEM 390 Inorganic Chemistry 4 _____/_____/_____
- CHEM 3___ App. of Phys. Chem. 4 _____/_____/_____

choose one of the following:
- CHEM 490 Problems in Chemistry 1 - 4_____/_____/_____
- CHEM 495 Independent Study 1 - 4_____/_____/_____

### One course from the following MATH courses:
- MATH 281 Calculus III 4 _____/_____/_____
- MATH 291 Linear Algebra 4 _____/_____/_____

choose one of the following:
- CHEM 348 Biochemistry II 3 _____/_____/_____
- CHEM 410 Adv. Top.-Inorg. Chem. 3 _____/_____/_____
- CHEM 415 Bio. Inorganic Chem. 3 _____/_____/_____
- CHEM 420 Adv. Top.-Phys. Chem. 3 _____/_____/_____
- CHEM 430 Adv. Top.-Env. Chem. 3 _____/_____/_____
- CHEM 440 Adv. Top.-Biochemistry 3 _____/_____/_____
- CHEM 450 Adv. Top.-Organic Chem. 3 _____/_____/_____
- CHEM 465 Adv. Top.-Analytical Chem.3 _____/_____/_____

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To determine fulfillment of requirements for graduation, consult the department to certify major requirements and the registrar to certify the core requirements.