### General Education 2.0 Requirements
Students must complete Writing, Mathematics, and Speaking requirements during their first year.

<table>
<thead>
<tr>
<th>ACADEMIC FOUNDATIONS</th>
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<tbody>
<tr>
<td>Writing: (6 cr - 2 courses)</td>
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<tr>
<td>Quantitative Reasoning: (3 cr)</td>
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<td>Speaking: (3 cr)</td>
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<tr>
<th>DISCIPLINARY AREAS</th>
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<tbody>
<tr>
<td>Arts/Humanities: (9 cr - 3 courses)</td>
</tr>
<tr>
<td>Social Sciences: (6 cr - 2 courses)</td>
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<tr>
<td>Natural Sciences: (7 cr - 2 courses)</td>
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</tbody>
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TAGS (one class each)
- Critical Thinking (CT)
- Complex Systems (CS)
- Domestic Diversity (DD)
- Global Diversity (GD)

### College of Arts & Sciences Requirements

**Foreign Language:** (14 cr - 4 courses)
- 101 Beginning I (4 cr)
- 102 Beginning II (4 cr)
- 201 Intermediate I (3-4 cr)
- 202 Intermediate II (3-4 cr)

*7700:222 Survey Deaf Culture America (American Sign Language option only)*

**300/400 Upper Division Requirement:** (40 cr)

### Chemistry Requirements
If a grade of less than C is obtained in a required chemistry course, the student must successfully repeat the course within a year.

**Core Requirement**
- 3150:151 Principles of Chemistry I (3 cr)
- 3150:152 Principles of Chemistry Laboratory (1 cr)
- 3150:153 Principles of Chemistry II (3 cr)
- 3150:154 Qualitative Analysis (2 cr)
- 3150:263 Organic Chemistry Lecture I (3 cr)
- 3150:264 Organic Chemistry Lecture II (3 cr)
- 3150:265 Organic Chemistry Laboratory I (2 cr)
- 3150:266 Organic Chemistry Laboratory II (2 cr)
- 3150:313 Physical Chemistry Lecture I (3 cr)
- 3150:314 Physical Chemistry Lecture II (3 cr)
- 3150:380 Advanced Chemistry Laboratory I (2 cr)
- 3150:423 Analytical Chemistry I (3 cr)
- 3150:424 Analytical Chemistry II (3 cr)
- 3150:472 Advanced Inorganic Chemistry (3 cr)
- 3150:480 Advanced Chemistry Laboratory III (2 cr)

At least seven credits from the following:
- 3150:399 Internship in Chemistry (may be repeated for a total of 6 credits) (1 - 6 cr)
- 3150:401 Biochemistry Lecture I (3 cr)
- 3150:402 Biochemistry Lecture II (3 cr)
- 3150:463 Advanced Organic Chemistry (3 cr)
- 3150:497 Honors Project in Chemistry (may be repeated for a total of 8 credits) (1 - 2 cr)
- 3150:498 Special Topics: Chemistry (may be repeated for a total of 8 credits) (1 - 2 cr)
- 3150:499 Research Problems (may be repeated for a total of 8 credits) (1 - 2 cr)
- 3650:481 Methods of Mathematical Physics I (3 cr)
- 9871:401/501 Introduction to Elastomers (3 cr)
- 9871:402/502 Introduction to Plastics (3 cr)
- 9871:407/507 Polymer Science (4 cr)

**Mathematics**
- 3450:221 Analytic Geometry - Calculus I (4 cr)
- 3450:222 Analytic Geometry - Calculus II (4 cr)
- 3450:223 Analytic Geometry - Calculus III (4 cr)
- 3450:335 Introduction to Ordinary Differential Equations (3 cr)

**Physics**
- 3650:291 Elementary Classical Physics w/ Lab (4)
- 3650:292 Elementary Classical Physics w/ Lab (4)

### 120 Credit Minimum

*Students should consult with their BCAS adviser for a semester by semester guide to assist with planning for course enrollment*