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

**ACADEMIC FOUNDATIONS**

**Writing:** (6 cr - 2 courses)

**Quantitative Reasoning:** (3 cr)

**Speaking:** (3 cr)

**DISCIPLINARY AREAS**

**Arts/Humanities:** (9 cr - 3 courses)

**Social Sciences:** (6 cr - 2 courses)

**Natural Sciences:** (7 cr - 2 courses)

**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 (4cr)
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)

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### 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)
3150:381 Advanced Chemistry Laboratory II (2 cr)
3150:423 Analytical Chemistry I (3 cr)
3150:424 Analytical Chemistry II (3 cr)
3150:472 Advanced Inorganic Chemistry (3 cr)

**Polymer**

9871:407 Polymer Science (4 cr)
9871:401 Introduction to Elastomers (3 cr) OR
9871:402 Introduction to Plastics (3 cr)
9871:499 Research Problems in Polymer Science (3 cr)

**Mathematics**

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

**Physics**

3650:291,2 Elementary Classical Physics I, II (8 cr)

**Electives to 120**

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**120 Credit Minimum**

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