### General Education

**Study Area I - Arts and Humanities (9)**
- Literature 3

**Study Area II - Social Sciences (9)**
- HIST 3

**Study Area III - Behavioral Sciences (6)**
- 3

**Study Area IV - Natural Sciences (6-7)**
- CHEM 161/162 4
- CHEM 200/201 4

**Skill Area I - Communication Skills (6)**
- ENG 110 3

**Skill Area II - Mathematical (6)**
- MATH 115 or 119 3 or 4
- MATH 125 or 152 3 or 4

**Skill Area III - Foreign Language**
- 3 sequential years of one foreign language at the high school level
- passed the foreign language exam.
- completed 112 or 114 foreign language courses
- completed above 112 or 114 foreign language course
demonstration of native proficiency in a language other than English

**Skill Area IV - Univ. Requirements (2-3)**
- PE 144 Fitness/Wellness 2

### Major Requirements (35 cr)

**Core Requirements**
- BMS 102 & 103 Intro to BMS w/Lab 4
- BMS 201 Principles of Cell & Mol Biol 4
- BMS 190 & 290 Intro to Research I & II 1
- BMS 390 Independent Research in BMS 1
- BMS 491 Advanced Ind Research 1
- BMS 306 or 307 Genetics or Genomics 3 or 4
- BMS 311 Cell Biology 4
- BMS 316 Microbiology 4

**Biomolecular Electives***

### Graduation Requirements

**Six credit designated “international”**
- met: □

**First Year Experience requirement**
- met: □

**Electives (to complete the required 122)**

**Related Requirements**
- CHEM 161/162 General Chem w/ Lab 4
- CHEM 200/201 Fnd of Analytical Chem w/ Lab 4
- CHEM 210/211 Fnd of Organic Chem w/ Lab 4
- CHEM 212/213 Organic Synthesis w/ Lab 4
- MATH 115/119 Trig or Pre-Calc w/ Trig 3 or 4
- MATH 125 or 152 Applied Calc or Calc I 4
- PHYS 121 General Physics I 4
- PHYS 122 General Physics II 4

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* Students not completing ENG 110 prior to earning 61 cr. are required to take both ENG 110 and ENG 202.
* MATH 101 or the Mathematics Placement Exam is a prerequisite for CHEM 161/162, and for MATH 115, 119 and 125.
* MATH 115 and 125 or MATH 119 is a prerequisite for PHYS 121. Other appropriate courses may be substituted in Skill Area II if this requirement is already met.
* A minor in Science, B.S., may be elected with a C- or better in related requirement courses CHEM 161/162, 200/201, and PHYS 121, 122.