### General Education

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

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

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

#### Skill Area II - Mathematical (6)
- MATH 119 (or Math 115) 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 306/308 Genetics 4
- BMS 311 Cell Biology 4
- BMS 316 Microbiology 4
- BMS 495 Molecular Biology 4

#### Biomolecular Electives*
- BMS

### Graduation Requirements

#### Six credit designated "international"
- met: ☐

#### First Year Experience requirement
- met: ☐

#### Electives (to complete the required 122)
- Minor (not required) ☐

### Related Requirements
- CHEM 161/162 General Chem I 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 119 Pre-Calc with Trig 4
- MATH 125 or 152 Applied Calc or Calc I 3 or 4
- PHYS 121 General Physics I 4
- PHYS 122 General Physics II 4

### Double-counting restriction:
- Of the courses taken in the major and minor/concentration, a total of two courses may be counted to fulfill the Study Areas portion of the general-education program.

### Residency requirements:
- A minimum of 30 cr. at CCSU with 15 cr. in the major and 9 cr. in the minor or concentration. Eligibility for high honors requires the student to earn 62 cr. in residence at CCSU.

### * 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 119 and 125.
- 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.