UCC REQUIREMENTS [8 credits]

AREA 3: WAYS OF KNOWING

d. Scientific Perspectives (choose 1 of the following)
   PHYS 2550 College Physics I or PHYS 2600
   General Physics I 4 cred.

e. Quantitative Thinking
   MATH 1600 Calculus I 4 cred.

WRITING INTENSIVE (WI) *W

   BIO 4800 Bioseminar or BIO 4990
   Independent Study 2-4 cred.

UNIVERSITY REQUIREMENTS

FOREIGN LANGUAGE [6]

   ____________________________________________ 3 cred.
   ____________________________________________ 3 cred.

BIOTECH CORE COURSES [12]

- BIO 1630 General Biology I
- BIO 2050 Cell Biology
- BIO 2060 Genetics

Students must earn a C- in all biotechnology core courses.

BIOTECH UPPER LEVEL COURSEWORK [24 – 27]

- BIO 3200 Microbiology
- BIO 4240 Molecular Biology
- BIO 4300 Biotechnology: DNA
- BIO 4310 Biotechnology: Cell Culture
- Elective: One 3000 level Bio course or course by advisement
- BIO 4800 Biology Seminar or
  BIO 4990 Independent Study

Choose 1 of the following courses:

- BIO 3610 General Botany
- BIO 3650 Plant Physiology

CO-REQUIREMENTS [28]

- CHEM 1600 General Chemistry I
- CHEM 1620 General Chemistry II
- CHEM 2570 Organic Chemistry I
- CHEM 2580 Organic Chemistry II
- CHEM 4270 Biochemistry
- PHYS 2560 College Physics II or PHYS 2610 General Physics II (take matching Area 3d course)

Choose 1 of the following courses:

- MATH 1610 Calculus II
- MATH 2300 Statistics
- MATH 3720 Math Models in Biological Sci.