## 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 Biology Seminar or BIO 4990 Independent Study [2-4 cred.]

### UNIVERSITY REQUIREMENTS

**FOREIGN LANGUAGE [6]**

- [3 cred.]
- [3 cred.]

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### Biology Core [20]

- BIO 1630 General Biology I
- BIO 1640 General Biology II
- BIO 2050 Cell Biology
- BIO 2060 Genetics
- BIO 2490 Ecology, Evolution & Behavior

### Co-Requirements for all Concentrations [24]

- CHEM 1600/1620 General Chemistry I & II
- CHEM 2570/2580 Organic Chemistry I & II
- PHYS 2560 College Physics II or PHYS 2610 General Physics II (matching course to Area 3d)
- MATH 1610 Calculus II or MATH 2300 Statistics or MATH 3720 Math Models in Biological Science

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**Students must earn at least a C- in all 5 courses before taking any upper level Biology courses.**

### General Concentration [16-20]

- Select one Plant course: BIO 3610, BIO 3630, OR BIO 3650
- Biology Electives: Must complete 3 courses, 3000 level or above (3-4 cr.) At least one must be 4 credit.
- BIO 4800 Capstone or BIO 4990 Independent Study

### Physiology & Behavior Concentration [16-20]

- BIO 3500 Animal Behavior
- BIO 3080 Animal Physiology
- Biology Electives: Must complete 2 courses, 3000 level or above (3-4 cr.) At least one must be 4 credit.
- BIO 4800 Capstone or BIO 4990 Independent Study

### Ecology Concentration [16-20]

- BIO 3630 Terrestrial Plant Ecology
- BIO 3400 General Ecology
- Ecology Elective: Must complete 1 course, 3000 level or above (3-4 cr.)
- Biology Elective: Must complete 1 course, 3000 level or above (3-4 cr.)
- BIO 4800 Capstone or BIO 4990 Independent Study