

Biology (B.S.)

Required

Electives: Choose 5*

ICC

BIOL 121
Principles of
Biology: Cells and
Molecules w/lab
4 cr

BIOL 122
Principles of
Biology: Ecology and
Evolution w/lab
4 cr

OR

BIOL 119
Fundamentals of
Biology: Cells and
Bodies w/lab
4 cr

BIOL 120
Fundamentals of
Biology: Ecology and
Evolution w/lab
4 cr

Genetics
4 cr

Evolution
4 cr

**Presenting
Biology**
1 cr

+

**Research in
Biology**
3 cr

**Biology
Seminar**
0.5 cr, X2

Also requires

- **CHEM 121+122**
- **CHEM 221+223**
- **MATH 145**
- **8 other credits in STEM courses**

**Animal
Physiology**

Ecology

**Field
Ornithology**

Biostatistics

**Power of
Plants**

Field Biology

**Conservation
Biology**

200 level

300 level

400 level

**Invasive
Species**

**Animal
Behavior**

Genomics

**Developmental
Biology**

Microbiology

Neurobiology

**Biochemistry
& Molecular
Biology**

**BIOC:
Molecular
Biology**

Cell Biology

**Aquatic
Ecology**

**Plant
Physiology**

Immunology

Endocrinology

Ecophysiology

**BIOC: Protein
Structure &
Function**

ICSM 105/108
Ithaca College
Seminar
4 cr

WRTG 106
Academic Writing
3 cr

Creative Arts (CA)
3-4 cr

Humanities (HM)
3-4 cr

Social Science (SO)
3-4 cr

Capstone
1 cr

Also requires

- **Writing Intensive (WI)**
- **Diversity (DV)**

***3 electives at the 300 level or above**