BIOLOGICAL SCIENCE B.S.

All students must meet the University Requirements.

All students must meet the College Requirements.

MAJOR REQUIREMENTS

The Biological Science B.S. core curriculum requires satisfactory completion:

Choose one of the following: 4-8

- BCOR 011 & BCOR 012: Exploring Biology and Exploring Biology
- BCOR 021: Accelerated Biology

BCOR 101: Genetics 3

BCOR 102: Ecology and Evolution 4

BCOR 103: Molecular and Cell Biology 4

CHEM 031: General Chemistry I 4

CHEM 032: General Chemistry II 4

CHEM 141: Organic Chemistry I 4

CHEM 142: Organic Chemistry II 4

Choose one of the following options: 8-10

Option A

- PHYS 011 & PHYS 021: Elementary Physics and Introductory Lab I
- PHYS 012 & PHYS 022: Elementary Physics and Introductory Lab II

Option B

- PHYS 051: Fundamentals of Physics I
- PHYS 152: Fundamentals of Physics II

Choose one of the following sequences: 6-8

- MATH 019 & MATH 020: Fundamentals of Calculus I and Fundamentals of Calculus II
- MATH 021 & MATH 022: Calculus I and Calculus II
- STAT 141: Basic Statistical Methods 3
  or STAT 211: Statistical Methods I

In addition and in consultation with their academic advisor, students will design a course of study that includes an additional twenty-six credits of advanced life science electives.

Total Credits 74-82

Within the advanced elective courses, and excluding the BCOR courses, no more than eight credits at the 100-level may be applied to the major except with written permission from an advisor and not exceeding three 100-level courses. From the advanced level electives, students must complete twelve credits from courses with a statistical component, three credits that stress oral communication and three credits that stress written communication. The advanced credits may include up to six credits of undergraduate research at the 200-level. For more information contact the CALS director of the program.