MAJOR REQUIREMENTS for a BACHELOR OF ARTS in BIOLOGY

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

CHEMISTRY (3-4 courses • 12-16 hours)
- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II
- CHEM 3603/3601L Organic Chemistry I
- CHEM 3613/3611L Organic Chemistry II
  or
- CHEM 2613/2611L Organic Physiological Chemistry

MATHEMATICS (1 course • 3-4 hours)
- MATH 2043 Survey of Calculus
  or
- MATH 2554 Calculus I

PHYSICS (2 courses • 8 hours)
- PHYS 2013/2011L College Physics I*
- PHYS 2033/2031L College Physics II
  * (MATH 1203 & 1213) OR (MATH 1284C, MATH 2043, or MATH 2554) is the pre-requisite for PHYS 2013/2011L

STATISTICS (1 course • 3-4 hours)
- STAT 2303 Principles of Statistics
- STAT 2823 Biostatistics (Spring Only)
- STAT 3003 Statistical Methods
- MATH 2183 Mathematical Reasoning

PHILOSOPHY (1 course • 3 hours)
- PHIL 2103 Intro to Ethics
- PHIL 2203 Logic
- PHIL 3113 Environmental Ethics
- PHIL 4213 Philosophy of Science

BIOLOGY FOUNDATION (1 course • 4 hours)
- BIOL 1584 Biology for Majors

BIOLOGY CORE (4 courses + 1 lab • 13 hours) **
- BIOL 2533 Cell Biology
- BIOL 2323 General Genetics
- BIOL 3863 General Ecology
- A lab from one of the three BIOL courses above
- BIOL 3023 Evolutionary Biology

BIOLOGY ELECTIVES numbered 3000 or higher (3 courses • 9 hours) **
- BIOL ____________
- BIOL ____________
- BIOL ____________

BIOLOGY ELECTIVES numbered 2000 or higher with a lab (1 course • 4 hours) **
- BIOL ____________

** Students must complete a minimum of 20 hours from these areas, or complete an additional four hours of BIOL 3000+ level coursework.

BIOLOGY WRITING REQUIREMENT
- Satisfied by either a term paper (with a grade of B or better) in a BIOL course numbered 3000 or higher, by completion of BIOL 498V Senior Thesis supervised by a biology faculty member, or by an honors thesis.