

**B.A. DEGREE IN BIOLOGY**  
**Catalog 2011-2012**  
**(59 total hours)**

**Biology Core Requirements: (8 hours total)**

Core requirements for all biology majors

- \_\_\_\_\_ 201 Principles of Biology: Cells (4)
- \_\_\_\_\_ 202 Principles of Biology: Biodiversity (4)

**Biology Requirements: (13 hours minimum)**

- \_\_\_\_\_ 335 Genetics with lab (3) (1), prerequisite BIO 201 and BIO 202
- \_\_\_\_\_ 325 Molecular Biology of the Cell with lab (3) (1), prerequisite BIO 201, BIO 202, and CHM 211/CHML 211
- or**
- \_\_\_\_\_ 340 Plant Physiology (4), prerequisite BIO 201, BIO 202, and CHM 102
- or**
- \_\_\_\_\_ 345 Animal Physiology with lab (3) (1), prerequisite BIO 201, BIO 202, and CHM 102
- or**
- \_\_\_\_\_ 240 – 241 Human Anatomy and Physiology (4) (4), prerequisite BIO 201 and CHM 101
- \_\_\_\_\_ 366 Ecology with lab (3) (1), prerequisite BIO 201 and BIO 202
- \_\_\_\_\_ 495 or 495L Seminar (1-3 credit hours) 3 hours limit. Pre-requisites: full BIO or MBY major; BIO 201, 202, 335, 366, and a physiology course

**Biology Electives:** a **minimum of 30 hours** chosen from courses numbered above 299 and not used to satisfy other requirements. >500 level courses may be chosen with permission of the instructor.

At least two elective courses must be laboratory courses.

No more than 3 hours may be taken from BIO 495.

**No more than 10 hours may be counted from BIO 480, 491, 493, 498, and 499.**

**Collateral Requirements: (8 hours minimum)**

- \_\_\_\_\_ Chemistry 101 (4)
- \_\_\_\_\_ Chemistry 102 (4)

A "C" (2.00 GPA) or better average on Biology courses numbered above 299 is required for graduation.

The catalog description would read as follows:

**Requirements for a Major in Biology for the B.A. Degree:** 59 hours. BIO 201 and 202, which must be taken early in the program of study; BIO 335 and BIOL 335; BIO 325 and BIOL 325, or BIO 340, or BIO 345 and BIOL 345, or BIO 240 and 241; BIO 366 and BIOL 366; and BIO 495 or BIOL 495. A minimum of 30 hours chosen from BIO courses numbered above 299, at least two of which must be laboratory courses, and CHM 101-102. No more than 10 hours from BIO 480, 491, 493, 498, and 499 can be counted towards the 30 elective hours. BIO 335 and BIO 366 must be completed before taking other BIO courses at the 300 or 400 level. A "C" (2.00) or better average is required for BIO courses above 299.