

## Biology Major

### Department of Biology

	Fall Semester	Spring Semester
Freshman Year	<b>BIOL 150 Invest. Biol. Concepts</b> 4 <b>CHEM 140 Gen. Chemistry</b> 4 INTG 101 Intro. Liberal Arts 4 ENGL 110 Comp & Arg 4 <b>OR</b>	<b>BIOL 155 Ecology, Evol. Diversity</b> 4 <b>*CHEM 220 Analytical Chem.</b> 3 <b>*CHEM 225 Analyt. Chem. Lab</b> 2 CATA 101 Intro Speech 3 <u>MATH 151 Calculus I<sup>1</sup></u> 4
Sophomore Year	<b>*PHYS 130 Intro Physics I</b> 4 <b>*CHEM 228 Org. Chemistry</b> 4 <b>*BIOL 202 Genetics</b> 4 Foreign Language 4	<b>*BIOL 200 Cell Biology</b> 4 Foreign Language 4 INTG 2?? Global Perspectives 3
Junior Year	BIOL 350 Science Seminar 1 <u>MATH 207 Stats for Sciences</u> 4 <b>*BIOL 204 Human A &amp; P</b> 4 <u>BIOL 222 Intro to Research I<sup>2</sup></u> 1 Art Participation or Hum Societies 3 <b>*BIOL Elective<sup>3</sup></b>	BIOL 350 Science Seminar 1 <b>*BIOL 307 Ecology</b> 4 Art Appreciation 3 <u>*BIOL 322 Intro to Research II</u> 1 <b>*BIOL Elective</b> 4 INTG 3?? Reflections 3
Senior Year	<u>*BIOL 440 Research I</u> 2 INTG 4?? 3 <b>OR</b> <b>*BIOL Elective</b> 4 <b>OR</b>	<u>*BIOL 450 Research II</u> 2 INTG 4?? 3 <b>*BIOL Elective</b> 4

**Legend:**

- **Bold** indicates course must be taken in this term
- Underline indicates course must be taken in sequence
- Regular type indicates flexibility when course is taken
- An asterisk (\*) indicates that a prerequisite exists for the course

**NOTES:**

- (1) Calculus may be taken spring of the first year, or concurrently with Physics the following fall.
- (2) The Introduction to Research sequence may be taken in the sophomore or junior year. In either case, the four courses should be completed in consecutive years.
- (3) The biology major is required to choose two electives in Biology from the following: BIOL 201, 203, 302, 308, 315, 320, 325, 333, 345, 354, 355, BIOC 300.
- (4) Pre-professional students (pre-med, pre-vet, pre-dentistry etc.) and students interested in graduate study should also complete MATH 152 (Calculus II) and PHYS 132 (Introductory Physics II). In addition these students should consider taking CHEM 230 (Organic Chemistry II) and CHEM 330 (Biochemistry). Consulting the Health Careers advisor, Kevin Baldwin, is also recommended.

Date Updated: Feb. 12, 2008 By: Kenneth L. Cramer