

# Fisheries, Wildlife, Conservation and Environmental Biology - Conservation (B.S.) Sample Curriculum

*We have provided this as an example but you will work with your advisor to customize a plan*

Freshman						
Fall	BIOL 198 (4) Principles of Biology	CHM 210 (4) Chemistry 1	BIOL 100 (1) Biology First-Year Orientation	Social Science or Humanity (3)	Free Elective (1)	13 Credits
Spring	BIOL 401 (5) Organismic Biology	CHM 230 (4) Chemistry 2	Social Science or Humanity (3)	ENGL 100 (3) Expository Writing 1		15 Credits
Sophomore						
Fall	Conservation choice class (3)	STAT 340 (3) Biometrics 1	CHM 350 & 351 or BIOCH 265 (5) Organic Chemistry	Social Science or Humanity (3)	Free Elective (1)	15 Credits
Spring	BIOL 450 (4) Modern Genetics	BIOL 433 (3) Intro to Fisheries, Wildlife, Conservation & Enviro. Bio.	MATH 150 (3) Plane Trigonometry (if needed)	U.S. Multicultural Overlay (3)	COMM 106 (3) Public Speaking	16 Credits
Junior						
Fall	BIOL 513 or BIOL 500/501 (4) Physiological Adaptations of Animals or Plants	Conservation choice class (3)	BIOL 529 (3) Ecology	ENGL 200 (3) Expository Writing 1	Social Science or Humanity (3)	16 Credits
Spring	BIOL elective (3)	Conservation choice class (3)	STAT 341 (3) Biometrics 2	BIOL 520 (3) Evolution	Social Science or Humanity (3)	15 Credits
Senior						
Fall	BIOL 640 (3) Population Biology	PHYS 113 (4) General Physics 1	Social Science or Humanity/ International Overlay (3)	Upper Level Social Science (3)	Free Elective (3)	16 Credits
Spring	BIOL 642 (3) Principles of Conservation Biology	BIOL 632 (1) Ecology Lab	BIOL elective (3)	PHYS 114 (4) General Physics 2	Social Science or Humanity (3)	14 Credits

## Notes

All Bachelors Degrees require 120 credits, of which 45 must be upper division courses. Only 60 credits from community colleges may count toward degree.

At least 6 credit hours of upper level biology electives REQUIRED.

Recommended electives include:  
 BIOL 515 (3) Behavioral Ecology (Spring)  
 BIOL 684 (4) Wildlife Management and Techniques (Spring)  
 ENTOM 312 (3) General Entomology  
 GEOG 445 (3) Biogeography (Spring)  
 GEOG 508 (4) Geographic Information Systems I (Spring)  
 LAR 322 (3) Ethics and Environmental Dilemmas (Spring)

NOTE: Check official degree reqs for full list of electives.

Must choose 8 credits from this list:

BIOL 542 (3) Ichthyology (Spring odd years)  
 BIOL 543 (3) Ornithology (Spring)  
 BIOL 544 (3) Mammalogy (Fall)  
 BIOL 551 (4) Taxonomy of Flowering Plants (Fall)  
 BIOL 604 (3) Biology of the Fungi (Fall)  
 ENTOM 312 (3) General Entomology  
 Free choice BIOL at 500 level or above (up to 3 credits)

The following need to be considered in the gen. reqs.:

- Social Sci. courses need to be from 3 different areas.
- One Social Science course must be at 500 level or above, or carry a prerequisite in the same department.
- Philosophy course cannot be a logic class.

Note on Math, Physics and Organic Chemistry:  
 Consult with your advisor on which options you should choose in these areas based on your career goals

## Key

Biology elective (see course catalog list)	Course offered only in Fall Semester	Course offered only in Spring Semester
---	--------------------------------------	--

Total Hours: 120