

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

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

Freshman						
Fall <i>even year</i>	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	BIOL 450 (4) Modern Genetics	STAT 340 (3) Biometrics 1	CHM 350 & 351 or BIOCH 265 (5) Organic Chemistry	Social Science or Humanity (3)		15 Credits
Spring	BIOL 542 (3) Ichthyology	BIOL 433 (3) Intro to Fisheries, Wildlife, Conservation & Enviro. Bio.	BIOL 529 (3) Ecology	Social Science or Humanity (3)	COMM 106 (3) Public Speaking	15 Credits
Junior						
Fall	BIOL 696 (4) Fisheries Management and Techniques	BIOL 612 (4) Freshwater Ecology	MATH 150 (3) Plane Trigonometry (if needed)	ENGL 200 (3) Expository Writing 1	Free Elective (1)	15 Credits
Spring	BIOL elective (3)	PHYS 113 (4) General Physics 1	STAT 341 (3) Biometrics 2	Social Science or Humanity/ International Overlay (3)	Social Science or Humanity (3)	16 Credits
Senior						
Fall	BIOL 640 (3) Population Biology	BIOL 513 (4) Physiological Adaptations of Animals	PHYS 114 (4) General Physics 2	Upper Level Social Science (3)	Free elective (1)	15 Credits
Spring	BIOL 682 (3) Fish Ecology	BIOL 632 (1) Ecology Lab	BIOL elective (3)	Social Science or Humanity (3)	U.S. Multicultural Overlay (3)	Free elective (3) 16 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 520 (3) Evolution  
 BIOL 544 (3) Mammalogy (Fall)  
 BIOL 642 Principles of Conservation Biology (Spring)  
 BIOL 684 (4) Wildlife Management and Techniques (Spring)  
 CHM 315 (3) Environmental Science - a chem perspective (Fall)  
 ENTOM 312 (3) 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.

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

BIOL elective (see course catalog list)	Course offered only in Fall Semester	Course offered only in Spring Semester
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**Total Hours: 120**