

Fisheries, Wildlife, Conservation and Environmental Biology - Environmental (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	Environmental choice class (3)	STAT 340 (3) Biometrics 1	CHM 350 & 351 or BIOCH 265 (5) Organic Chemistry	Social Science or Humanity (3)		14 Credits
Spring	BIOL 450 (4) Modern Genetics	BIOL 433 (3) Intro to Fisheries, Wildlife, Conservation & Enviro. Bio.	BIOL 529 (3) Ecology	Social Science or Humanity (3)	COMM 106 (3) Public Speaking	16 Credits
Junior						
Fall	Environmental choice class (3)	BIOL elective (3)	Environmental choice class (3)	MATH 150 (3) Plane Trigonometry (if needed)	ENGL 200 (3) Expository Writing 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)	Free Elective (3)	16 Credits
Senior						
Fall	Environmental choice class (3)	PHYS 114 (4) General Physics 2	Social Science or Humanity (3)	Upper Level Social Science (3)	BIOL elective (3)	16 Credits
Spring	BIOL elective (3)	BIOL 632 (1) Ecology Lab	BIOL elective (3)	Social Science or Humanity (3)	U.S. Multicultural Overlay (3)	Free Elective (2) 15 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 15 credit hours of upper level biology electives REQUIRED. No more than 3 credits can be below the 400-level

NOTE: Check official degree reqs for complete list of biology electives.

Must choose 12 credits from this list including at least 2 with labs:

- BIOL 500 (3) Plant Physiology (Fall)
- BIOL 501 (1) Plant Physiology Lab (Fall)
- BIOL 510 (3) Developmental Biology (Spring)
- BIOL 513 (4) Physiological Adaptations of Animals (Fall)
- BIOL 515 (3) Behavioral Ecology (Spring)
- BIOL 520 (3) Evolution
- BIOL 612 (4) Freshwater Ecology (Fall even years)
- BIOL 640 (3) Population Biology (Fall)
- BIOL 642 (3) Principles of Conservation Biology (Spring)
- BIOL 682 (3) Fish Ecology (Spring even years)
- BIOL 687 (3) Microbial Ecology (Spring)
- BIOL 734 (3) Intro to Genomics & Bioinformatics (Spring odd yrs)

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
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Total Hours: 120