

Major Study Requirements for B.A. or B.S. in Biology with a Concentration in Conservation Biology

Advisor: Dr. Joseph Cook, CERIA 229, cookjose@unm.edu

NOTE: PRINT BOTH OF THESE PAGES, FILL OUT THE FORM, AND THEN MEET WITH DR. COOK FOR APPROVAL, *BEFORE* DECLARING THE CONCENTRATION IN CONSERVATION.

Bachelor of Science (45 credit hrs. in Biology) Bachelor of Arts (37 credit hrs. in Biology)

Core Courses:

Credit Hours

- | | |
|---|----|
| 1. The Biology major core requirements: 2110C, 2410C, 303, 304 | 16 |
| Biology 310L Principles of Ecology | 4 |
| Biology 360L General Botany | 4 |
| Biology 379 Conservation Biology | 3 |
| Biology 402 Conservation Biology Seminar | 3 |
| 2. <u>Choose One of the Following:</u> | |
| Biology 351 and 352L General Microbiology | 4 |
| Biology 371L Invertebrate Biology | 4 |
| Biology 386L General Vertebrate Zoology | 4 |
| 3. <u>B.S.:</u> Take two 400-level courses such that each comes from a different category listed in the UNM Catalog.
Or <u>B.A.:</u> Take at least one 400-level course
Note: Biology 402 or 499 does not complete this requirement. | |
| 4. Candidates for both the B.A. and the B.S. degrees in Biology with a concentration in Conservation Biology must take a minimum of six (6) credit hours to be chosen from the following list of complementary interdisciplinary electives: | |

Anth.366 (Tropical Conservation & South Amer. Indians) Am. St. 323(Environmental Justice), 324(Environmental Conflicts in the US West)
CRP 181(Introduction to Environmental Problems), 424(Environmental Planning Methods)
 333(Environmental Geology), 352(Global Climate Change)
 Econ. 2125(Society & the Environment),342(Environmental Economics), 343(Natural Resources Economics), 442(Topics in Env. & Natural Resources Econ)
 Env. Sci. 330(Environmental Systems),430(Advanced Environmental Science)
 Geog. 461(Environmental Management), 465(Urban Environmental Management)
 Hist. 433(U.S. Environmental History)
 Nat. Am. 436(Environmental Justice and Ethics in Native America)
 Phil. 363(Environmental Ethics)
 Pol. Sc. 475(Environmental Politics)
 Soc. 305(Environmental Sociology)

5. **Required Supportive Courses:**

MATH

B.A.—1430 or 1512 and 1440 or 1512 or 1350 or BCIA 1110
 B.S.—1430-1440 or 1512-1522

PHYSICS

B.A.—1115 and E&PS 1110 or 151-152
 B.S.—1230-1240 or 1310-1320

CHEMISTRY

1215-1225 and CHEM 301/303L or 2120

B.A./B.S. IN BIOLOGY WITH A CONCENTRATION IN CONSERVATION

Name: _____ Date: _____

Student ID#: _____

Plan of Study for the B.A. or B.S. (CIRCLE ONE)

Please List Semester of Completed Course or Plan for Future Course

1. Biology Core courses _____
Biology 310L _____
Biology 360L _____
Biology 379 _____
Biology 402 (Conservation Biology Seminar) and... _____

2. Biology 351/352L _____
or 371L _____
or 386L _____

3. B.S.: Two 400-level courses from different categories

or B.A.: One 400-level course

4. **Biology electives and 2 interdisciplinary courses:**

5. **Supportive Courses:**

Math _____

Physics _____

Chemistry _____

Signatures:

Student

Biology
Undergrad. Advisor

Prof. Joseph Cook