



The University of North Carolina at Pembroke

Department of Biology | Oxendine Science Building, 2101

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RECOMMENDED DEGREE PATH

B.S. in Environmental Science (2016-17)

First Year

Fall Semester (16 semester hours)

FRS 1000 Freshman Seminar (1)
ENG 1050 Composition I (3)
MAT 1070* College Algebra (3)
BIO 1000* Principles of Biology (3)
General Education: Fine Arts (3)
General Education: Social Science (3)

Spring Semester (16 semester hours)

ENG 1060 Composition II (3)
MAT 2100 Introduction to Statistics (3)
General Education: History (3)
General Education: Social Science (3)
General Education: Literature (3)
General Education PED (1)

Second Year

Fall Semester (15 semester hours)

CHM 1300* General Chemistry I (3)
CHM 1100* General Chemistry Laboratory I (1)
ENV 2200 Field Botany (4)
General Education: Social Science (3)
General Education Elective (3)
General Education PED (1)

Spring Semester (15 semester hours)

BIO 3040 Principles of Ecology (4)
CHM 1310 General Chemistry II (3)
CHM 1110 General Chemistry Laboratory II (1)
ENV 2300 Field Zoology (4)
General Education: Philosophy or Religion (3)

Third Year

Fall Semester (16-17 semester hours)

Environmental Science Major Elective (3-4)
Earth Science Elective (3)¹
ENV 3100 Freshwater Ecosystems and Watershed Management (4)
2 University-wide Electives (6)

Spring Semester (13-14 semester hours)

GGY 4040 Remote Sensing (3)
ENV 3200 Soils and Hydrology (4)
Environmental Science Major Elective (3-4)
University-wide Elective(3)

Fourth Year

Fall Semester (14-15 semester hours)

BIO 4310 Biometrics (4)
BIO 4320 Conservation Biology (4)²
Environmental Science Major Elective (3-4)
University-wide Elective (3)

Spring Semester (12-15 semester hours)

ENV 4900 Internship (3)
BIO 3420 Pollution Ecology (3)
BIO 4700 Reading and Writing in the Sciences (WD) (3)²
Earth Science Elective (3)¹
University-wide Elective (3)* (*depending on Env. Science major elective hours*)

¹If you take GLY 2260 Oceanography or GLY 2620 Environmental Geology as your earth science electives, you will need to take GLY 1150 Earth Science as a prerequisite.

²You must complete 9 hours of WE/WD courses to fulfill the writing requirement. BIO 4700 will count as a 3-hour WD course and BIO 4320 will count as a 4-hour WE course. You will need at least 2 more hours of WE coursework, which can come from any discipline.