



B.S. in ENVIRONMENTAL SCIENCE 4 YEAR DEGREE PLAN

CATALOG YEAR 2023 - present

Freshman Fall	Hours
ENV SCI 1110: Freshman Seminar	1
BIO SCI 1173: Introduction to Environmental Sciences	3
CHEM 1310: General Chemistry I	4
CHEM 1100: Intro to Lab Safety and Hazardous Materials	1
CHEM 1319: General Chemistry Laboratory	1
ECON 1100: Principles of Microeconomics	3
ENGL 1120: Exposition and Argumentation	3
TOTAL	16

Freshman Spring	Hours
ENGL 1160: Writing and Research	3
CHEM 1320: General Chemistry II or GEO 3410	3
BIO SCI 1223: Biodiversity	3
BIO SCI 1229: Biodiversity Lab	1
MATH 1208, 1211, 1212, 1214, or 1221 Calculus I	4
TOTAL	14

Sophomore Fall	Hours
GEO 1110: Physical and Environmental Geology	3
ECON 440 or MIN ENG 4523: Environ. & Natural Resources Economics	3
ENV ENG 2601 or CIV ENG 2601: Fund. of Env. Engineering and Science	3
PHYS 1135 or 1145: College Physics	4
POL SCI 1200: American Government	3
TOTAL	16

Sophomore Spring	Hours
BIO SCI 2263: Ecology	3
HIST 1200, 1300 or 1310	3
ENV ENG 2602 or CIV ENG 2602: Biol. Fundamentals of Env. Engineering	3
GEO ENG 3148: Fundamentals of Geographic Information Systems	3
ENV ENG 5640 or CIV ENG 5640: Environmental Law and Regulations	3
TOTAL	15

Junior Fall	Hours
PHILOS 1130 Introduction to Ethics	3
GEO ENG 5331 Subsurface Hydrology	3
ECON 4540 or MIN ENG 4524 or CHEM ENG 4540 Energy Economics	3
ENV ENG 5642: Sustainability, Pop., Energy, Water and Materials	3
BIO SCI 4313: Introduction to Environmental Microbiology	3
TOTAL	15

Junior Spring	Hours
HIST 4470 Environmental History or HIST 2510 or HIST 3530 or HIST 3510	3
GEO 2610 or GEO 2611: Physical Mineralogy and Petrology	3
PHILOS 4350 Environmental Ethics	3
GEO ENG 4115 or STAT 3425 or STAT 3115	4
BIO SCI 2223: General Genetics	3
TOTAL	16

Senior Fall	Hours
GEO 4310 or GEO ENG 5144: Remote Sensing Technology or GEO ENG 2536	
Introduction to Climate and Weather	3
Free electives	2
Upper division electives (see list)	9
TOTAL	14

Senior Spring	Hours
ENV SCI 4028: Environmental Science Capstone	3
Free electives	2
Upper division electives (see list)	9
TOTAL	14

TOTAL = 120 hours