ENVIRONMENTAL SCIENCE AND POLICY MAJOR

DOMAIN GENERAL EDUCATION (10 Courses Required): Domain II B is satisfied through completion of the Environmental Science major, leaving ten courses to be completed to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the catalog for full information.

Common Core:  
A. ENWR 110 Composition 2  
B. MATH 123 College Algebra

Domain I:  
A. Creative Arts  
B. Humanities  
C. Language

Domain II:  
A. Analysis, Modeling, Problem-Solving  
B. Sciences (two; one must be a lab science)  
X

Domain III:  
A. Perspectives on the Past  
B. Perspectives on Contemp. World  

MAJOR AND RELATED COURSES (17):

Major Core course (1):  
ENVS 460 Thesis in Environment, Society and Sust.

ENVIRONMENTAL SCIENCE AND POLICY CONCENTRATION

Required Concentration Core Courses (13):  
BIOL 130/130L Principles of Biology w/Lab (IIB)  
BIOL 248/248L Principles of Ecology w/Lab  
BIOL 251/251L Vascular Plant Taxonomy w/Lab  
CHEM 103/103L Introductory Chemistry w/Lab OR  
CHEM 107/107L Principles of Chemistry AND  
CHEM 108/108L Princ. of Chem. and Quant. Analysis  
CHEM 201/201L Introductory Organic Chemistry w/Lab  
ECON 102 Principles of Microeconomics  
ECON 333 Environmental Economics  
ENVS 101 Introduction to Environmental Science  
ENVS 202 Data Analysis for Scientists  
GEOG 216 Introduction to Geographical Info. Systems  
GEOG 235 Environmental Law and Policy  
GEOG 375 Resource Management  
GEOL 108/108L Our Dynamic Planet: Intro. to Physical Geology w/Lab

Required Restricted Electives (Six (6) courses):

Choose one (1) course:

GEOG 300 Geospatial Applications Using Python  
GEOG 316 Advanced Geographic Information Systems  
GEOG 328 Introduction to Remote Sensing

Policy and Planning -  
Choose two (2) courses:

ENVS 246 Sustainability and Social Justice  
GEOG 225 Population, Food, and Global Development  
GEOG 240 Community Land Use Policy  
GEOG 260 Intro. to Urban Studies and Planning in the U.S  
GEOG 375 Sustainable Management of Natural Resources  
GEOG 380 Making Places Sustainable  
PHIL 234 Environmental Ethics  
POCS 250 American Legal Systems  
POSC 329 Public Policy Analysis

Science -  
Choose two (2) courses:

BIOL 212/212L Wildlife Specimen Preparation Techniques w/Lab  
BIOL 224/224L Animal Physiological Ecology w/Lab  
BIOL 232/232L Invertebrate Zoology w/Lab  
BIOL 236/236L Ornithology w/Lab  
BIOL 251/251L Vascular Plant Taxonomy w/ Lab  
BIOL 255/255L Plant Physiology w/ Lab  
BIOL 291 Principles of Tropical Ecology and Conservation: Field Study  
BIOL 321/321L Limnology w/Lab  
BIOL 323 Biology and Conservation of Crocodiles  
BIOL 335/335L Wildlife Biology w/Lab  
BIOL 341/341L Marine Biology w/Lab  
EASC 108 Understanding the Weather: Introduction to Meteorology OR  
EASC 208 Principles of Meteorology  
EASC 118 Our Blue Planet: An Intro. to Oceanography OR  
EASC 228 Principles of Oceanography  
ENVS 300 Environmental Science Field Methods w/Lab  
ENVS 333 Digital Field Methods: Drones, Data, and Artificial Intelligence  
GEOL 233 Environmental Geology  
PHYS 201/201L Physics for Earth and Life Scientists with Lab

FREE ELECTIVES (5):

COMM 107 Effective Speaking (IA)  
COMM 115 Human Communication (IIIB)  
COMM 328 Argumentation and Advocacy  
ENGL 225 Introduction to Journalism  
ENGL 311 Writing about Science  
ENGL 372 Technical Writing

2022-2023