

ENVIRONMENTAL SCIENCES MAJOR

Environmental Science and Policy Concentration

This worksheet is a guide to supplement your degree audit in Degree Works. All students need 32 FSU course-credits to graduate. For students who change majors or enter FSU with transfer credits your degree audit may appear differently, as previous coursework could fulfill Domains and Free Electives. Please see your Advisor and/or The Advising Center with any questions.

DOMAIN GENERAL EDUCATION (11 Courses Required):

The FSU General Education program consists of 11 requirements. In the Environmental Science major Domain II-B is partially satisfied through completion of the major (X). Two (2) additional subdomains are met by specific courses in the major (see below), leaving ***eight (8) 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 (p. 318) for full information.

Common Core

- _____ A. ENWR 110 Composition II
 _____ B. MATH/STAT XXX (credit-bearing): MATH 123*

Domain I

- _____ A. Creative Arts: _____
 _____ B. Humanities: _____
 _____ C. Language: _____

Domain II

- _____ A. Analysis, Modeling, Problem-Solving: _____
 _____ B. Natural Sciences (2): Non-Lab Science: _____
 _____ X _____ Lab Science: _____

Domain III

- _____ A. Perspectives on the Past: _____
 _____ B. Perspectives on Contemporary World: ECON 102*
 _____ C. Global Competency, Ethical Reasoning,
 and/or Human Diversity: _____

X = Fulfilled through completion of major

* = Required course in the major

MAJOR COURSES (22 courses, 23.5-24 credits):

Required Core Courses (5):

_____	EASC 201	Principles of Earth System Science
_____	ENVS 101	Intro. to Environmental Science and Policy
_____	ENVS 272	Global Environmental Issues
_____	GEOG 216	Intro. to Geographical Information Systems
_____	EVSS 460	Thesis in Environment, Society and Sustain.

Environmental Science and Policy Concentration (17 courses, 18.5-19 course credits):

Required Concentration Core Courses (11 courses, 12.5 credits):

_____	BIOL 130/130L	Principles of Biology w/Lab
_____	BIOL 248/248L	Principles of Ecology w/Lab
_____	BIOL 251/251L	Vascular Plant Taxonomy w/Lab
_____	CHEM 103/103L	Introductory Chemistry w/Lab
_____	<u>or</u> CHEM 107/107L	Principles of Chemistry
_____	ECON 102	Principles of Microeconomics (III-B)*
_____	ECON 333	Environmental Economics
_____	ENVS 202	Data Analysis for Scientists
_____	GEOG 235	Environmental Law and Policy
_____	GEOG 375	Resource Management
_____	GEOL 108/108L	Our Dynamic Planet: Introduction to Physical Geology w/Lab
_____	MATH 123	Introduction to Functions (CC-B)*

* *Fulfills a General Education requirement.*

Required Restricted Electives (6):

Communication – Choose one (1) course:

_____	COMM 107	Effective Speaking (I-A)**
_____	COMM 115	Human Communication
_____	COMM 328	Argumentation and Advocacy
_____	ENGL 225	Introduction to Journalism
_____	ENGL 311	Writing about Science
_____	ENGL 372	Technical Writing

** *If taken, will fulfill the Gen. Ed. requirement as noted.*

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Geospatial Technology – Choose one (1) course:

_____	GEOG 214	Spatial Analysis Using Geographic Info. Sys.
_____	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 218	Energy Sci. and Policy: The Pursuit of Sust.
_____	ENVS 246	Sustainability and Social Justice
_____	GEOG 225	Population, Food, and Global Development
_____	GEOG 240	Land Use Law & Policy
_____	GEOG 260	Intro. to Urban Studies and Plan. 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 Tech. w/Lab
_____	BIOL 224/224L	Animal Physiological Ecology w/Lab
_____	BIOL 232/232L	Invertebrate Zoology w/Lab
_____	BIOL 236/236L	Ornithology 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
_____	EASC 208	Principles of Meteorology
_____	EASC 228	Principles of Oceanography
_____	EASC 296	On Thin Ice: Climate Change and the Cyrosphere
_____	ENVS 300/300L	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 (0-2):
