

# ENVIRONMENTAL SCIENCES MAJOR

## Earth and Planetary Systems 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). An additional one (1) subdomain is met by a specific course in the major (see below), leaving ***nine (9) 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 180\*

#### 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: \_\_\_\_\_  
 \_\_\_\_\_ C. Global Competency, Ethical Reasoning,  
 and/or Human Diversity: \_\_\_\_\_

X = Fulfilled through completion of major

\* = Required course in the major

### MAJOR COURSES (18 courses, 19.5-20 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.

### Earth and Planetary Systems Concentration (13 courses, 14.5-15 credits):

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

_____	ASTR 218	Principles of Solar System Astronomy
_____	<u>or</u> ASTR 230	Stars and Galaxies
_____	BIOL 130/130L	Principles of Biology with Lab
_____	CHEM 107/107L	Principles of Chemistry
_____	CHEM 108/108L	Princ. of Chem. and Quant. Analysis
_____	EASC 208	Principles of Meteorology
_____	EASC 228	Principles of Oceanography
_____	ENVS 300/300L	Environmental Science Field Methods w/Lab
_____	GEOL 208/208L	Principles of Physical Geology w/Lab
_____	GEOL 233	Environmental Geology
_____	MATH 180	Precalculus (CC-B)*
_____	PHYS 201/201L	Physics for Earth and Life Scientists with Lab

\* *Fulfills a General Education requirement.*

#### Required Restricted Electives (choose 2) (2 courses, 2-2.5 credits):

_____	ASTR 218	Principles of Solar System Astronomy
_____	<u>or</u> ASTR 230	Stars and Galaxies
_____	<i>(whichever wasn't taken in the concentration core)</i>	
_____	BIOL 232/232L	Invertebrate Zoology with Lab
_____	BIOL 248/248L	Principles of Ecology w/ Lab
_____	BIOL 321/321L	Limnology w/Lab
_____	CHEM 201/201L	Intro. Org. Chemistry and Biochemistry w/Lab
_____	<u>or</u> CHEM 207/207L	Organic Chemistry I with Lab
_____	EASC 296	On Thin Ice: Climate Change and the Cryosphere
_____	EASC 308	Climatology and the Future of Human Society
_____	ENGL 311	Writing About Science

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_____	EVSS 490	Independent. Study in Environment, Society, and Sustainability
_____	EVSS 495	Internship in Environment, Society, and Sustainability
_____	ENVS 202	Data Analysis for Scientists

**FREE ELECTIVES (1-4): May be used toward a minor**

_____	_____
_____	_____
_____	_____
_____	_____