

# ENVIRONMENTAL SCIENCES MAJOR

## Earth and Planetary Systems Concentration

Environmental Sciences - Earth & Planetary Systems This worksheet is a guide to supplement your degree audit in Degree Works. All students need a minimum of 30 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 Undergraduate Catalog 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 (19 courses, 21.0-21.5 credits):

#### Required Core Courses (6):

- |       |          |  |
|-------|----------|--|
| _____ | 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 |

#### Capstones

- |       |          |  |
|-------|----------|--|
| _____ | EVSS 330 | Communication for Env. and GIS Professionals |
| _____ | EVSS 460 | Thesis in Environment, Society and Sustain.  |

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

#### Required Concentration Core Courses:

- |       |                    |  |
|-------|--------------------|--|
| _____ | 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      |
| _____ | GEOG 208/208L      | Principles of Physical Geology w/Lab           |
| _____ | GEOG 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):

- |       |   |  |
|-------|---|--|
| _____ | 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 |

*Continued on next page*

## ENVIRONMENTAL SCIENCES MAJOR

### Earth and Planetary Systems Concentration

*Continued from previous page*

_____	EASC 308	Climatology and the Future of Human Society
_____	ENGL 311	Writing About Science
_____	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 (0):**

*There are no available free electives in this major.*