

ENVIRONMENTAL SCIENCES MAJOR

Earth and Planetary Systems Concentration with Secondary Education Minor

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). 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 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: PSYC 200*
 _____ C. Global Competency, Ethical Reasoning,
 _____ and/or Human Diversity: _____

X = Fulfilled through completion of major

* = Required course in the major

MAJOR COURSES (20 courses, 21.25-21.75 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 (14 courses, 15.25-15.75 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 103/103L | Introductory Chemistry with Lab |
| _____ | EASC 208 | Principles of Meteorology |
| _____ | EASC 228 | Principles of Oceanography |
| _____ | EASC 296 | On Thin Ice: Climate Change and the Cryosphere |
| _____ | 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 |
| _____ | PSYC 200 | Psychology of Development (III-B)* |

* *Fulfills a General Education requirement.*

Required Restricted Electives (choose 2 courses):

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

Continued on next page

ENVIRONMENTAL SCIENCES MAJOR
Earth and Planetary Systems Concentration with Secondary Education Minor

Continued from previous page

_____	EASC 308	Climatology and the Future of Human Society
_____	ENGL 311	Writing About Science
_____	ENVS 202	Data Analysis for Scientists
_____	EVSS 490	Independent. Study in Environment, Society, and Sustainability
_____	EVSS 495	Internship in Environment, Society, and Sustainability
_____	GEOL 233	Environmental Geology

**Required Minor in Teacher of Science: Earth & Space Science 8-12 (6 courses,
8 course-credits):**

_____	EDUC 200	Foundations of Secondary Education with Pre-Practicum I
_____	EDUC 246	Sheltered English Immersion in Secondary Education
_____	EDIL 302	Secondary Methods with Field Study II: Special Needs and Educational Technology
_____	EDIL 325	Secondary Methods with Field Study II: Science Grades 8-12
_____	EDPS 425A	Secondary Professional Practicum A: Science Grades 8-12 (2 course-credits)
_____	EDPS 425B	Secondary Professional Practicum B: Science Grades 8-12 (2 course-credits)

FREE ELECTIVES (0):

*All free electives will be used to fulfill the requirements for the secondary education
minor.*