

# GEOSPATIAL AND DATA ANALYSIS MAJOR

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 Geospatial and Data Analysis major Domain III-C is satisfied through completion of the major (X). One (10) additional 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. 322) for full information.

**Common Core**

- \_\_\_\_\_ A. ENWR 110 Composition II
- \_\_\_\_\_ B. MATH/STAT XXX (credit-bearing): STAT 117\*

**Domain I**

- \_\_\_\_\_ A. Creative Arts: \_\_\_\_\_
- \_\_\_\_\_ B. Humanities: \_\_\_\_\_
- \_\_\_\_\_ C. Language: \_\_\_\_\_

**Domain II**

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

**Domain III**

- \_\_\_\_\_ A. Perspectives on the Past: \_\_\_\_\_
- \_\_\_\_\_ B. Perspectives on Contemporary World: \_\_\_\_\_
- \_\_\_\_\_ X \_\_\_\_\_ C. Global Competency, Ethical Reasoning,  
and/or Human Diversity

X = Fulfilled through completion of major

\* = Required course in the major

**MAJOR COURSES (15):**

**Required Core Courses (11):**

_____	EASC 201	Principles of Earth System Science
_____	ENVS 101	Intro. To Environmental Science & Policy
_____	ENVS 272	Global Environmental Issue
_____	GEOG 110	World Regional Geography
_____	GEOG 111	The Digital Earth
_____	GEOG 214	Spatial Analysis Using Geographic Inf. Sys.
_____	GEOG 216	Intro. to Geographical Information Systems
_____	GEOG 316	Advanced Geographic Information Systems
_____	GEOG 328	Introduction to Remote Sensing
_____	STAT 117	Introduction to Statistics (CC-B)8
_____	EVSS 460	Thesis in Env., Society, and Sustainability

\* *Fulfills a General Education requirement.*

**Required Concentration Courses (choose 4):**

_____	CSCI 156	Python Programming for Applications
_____	ENVS 202	Data Analysis for Scientists
_____	ENVS 333	Digital Field Methods: Drones, Data, & Artificial Intelligence
_____	EVSS 490	Directed Study in Env., Society, and Sust.
_____	EVSS 495	Internship in Environment, Society, and Sust.
_____	GEOG 208	The Environment, Health, and Disease
_____	GEOG 260	Intro. to Urban Studies and Planning in the US
_____	GEOG 300	Geospatial Applications Using Python

**FREE ELECTIVES (1-8): May be used toward a minor**

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____