

GEOSPATIAL AND DATA ANALYSIS MAJOR

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 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 Undergraduate Catalog 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

_____ X 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 (16):

Required Core Courses (12):

_____ EASC 201
_____ ENVS 101
_____ ENVS 272
_____ GEOG 110
_____ GEOG 111
_____ GEOG 214
_____ GEOG 216
_____ GEOG 316
_____ GEOG 328
_____ STAT 117

Capstones

_____ EVSS 330
_____ EVSS 460

Principles of Earth System Science
Intro. To Environmental Science & Policy
Global Environmental Issue
World Regional Geography
The Digital Earth
Spatial Analysis Using Geographic Inf. Sys.
Intro. to Geographical Information Systems
Advanced Geographic Information Systems
Introduction to Remote Sensing
Introduction to Statistics (CC-B)8

Communication for Env. & GIS Professionals
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 (0-5): May be used toward a minor

_____ _____
_____ _____
_____ _____
_____ _____
_____ _____