GEOSPATIAL AND DATA ANALYSIS

DOMAIN GENERAL EDUCATION (10 Courses Required): Domain III C is satisfied through completion of the Geospatial and Data Analysis Major, leaving ten 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 for full information.

Common Core:  
A. ENWR 110 Composition 2
B. MATH 123 College Algebra

Domain I:  
A. Creative Arts
B. Humanities
C. Language

Domain II:  
A. Analysis, Modeling, Problem-Solving
B. Sciences (two; one must be a lab science)

Domain III:  
A. Perspectives on the Past
B. Perspectives on Contemp. World

MAJOR AND RELATED COURSES:

Major Required Core course (9):
EASC 201 Principles of Earth System Science
ENVS 460 Thesis in Environment, Society, and Sustainability
GEOG 110 World Regional Geography
GEOG 111 The Digital Earth
GEOG 211 Cultural Geography
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

Required Concentration Core Courses:
Choose One (1) of the following regional geography courses:
GEOG 250 Geography of the United States and Canada
GEOG 251 Geography of New England
GEOG 252 Geography of Europe
GEOG 254 Geography of Monsoon Asia
GEOG 255 Geography of Sub-Saharan Africa
GEOG 256 Geography of the Middle East
GEOG 258 Geography of the British Isles
GEOG 390 Special Topics in Regional Geography

Related: Choose four (4) courses from the following:
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 Environment, Society, and Sustainability
EVSS 495 Internship in Environment, Society, and Sustainability
GEOG 208 The Environment, Health, and Disease
GEOG 260 Introduction to Urban Studies and Planning in the United States
GEOG 300 Geospatial Applications Using Python

FREE ELECTIVES (8):


