

## 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	_____
	C. Global Comp., Eth. Reas., Human Div.	X _____

### **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):**
