

MAJOR IN CLIMATE CHANGE & COMMUNITY RESILIENCE

Requirements

Code	Title	Units
Lower Division Requirements		
GEOG 101	PHYSICAL GEOGRAPHY	3
GEOG 109	INTRODUCTION TO HUMAN GEOGRAPHY	3
GEOG 201	ENVIRONMENT AND SOCIETY	3
GEOG 221	INTRODUCTION TO GEOSPATIAL TECHNOLOGY	3
GEOG 251	INTRODUCTION TO URBAN PLANNING	3
Upper Division Requirements		
GEOG 373	CLIMATOLOGY	3
Select one from the following:		3-4
GEOG 375	QUANTITATIVE METHODS IN GEOGRAPHY	
GEOG 376	QUALITATIVE METHODS IN GEOGRAPHY	
GEOG 322	INTRO TO GEOGRAPHIC INFORMATION SCIENCE	
GEOG 383	NATURAL RESOURCES AND SOCIETY: A GEOGRAPHIC PERSPECTIVE	3
GEOG 402	PLANNING FOR RESILIENT COMMUNITIES	3
GEOG 406	PLANNING FOR URBAN CLIMATE CHANGE	3
GEOG 419	CLIMATE CHANGE: SCIENCE TO POLICY	3
Electives - Climate		3
Select one from the following:		
GEOG 377	METEOROLOGY	
GEOG 409	APPLIED CLIMATOLOGY	
GEOG 410	ENVIRONMENTAL GEOGRAPHY	
GEOG 411	STUDIES IN NATURAL HAZARDS	
Electives - Physical Environment		3-4
Select one from the following:		
GEOG 315	GEOMORPHOLOGY	
GEOG 317	ENERGY RESOURCES	
GEOG 319	SOILS AND VEGETATION	
GEOG 467	ENVIRONMENTAL HYDROLOGY	
GEOG 468	FLUVIAL GEOMORPHOLOGY	
Electives - Planning		3
Select one from the following:		
GEOG 391	URBAN SYSTEMS	
GEOG 403	URBAN HOUSING JUSTICE	
GEOG 404	SECURITIZING THE CITY	
GEOG 481	ENVIRONMENTAL IMPACT ANALYSIS	
Electives - Policy and Politics		3
Select one from the following:		
ANTH 343	RESOURCE WARS OF THE 21ST CENTURY	
POSC 440	GLOBAL ENVIRONMENTAL POLITICS	
ENVS 420	ENVIRONMENTAL POLICY AND SUSTAINABLE MANAGEMENT	

ENVS 425 SCIENCE AND POLICY OF THE CHESAPEAKE BAY RESTORATION

Total Units

45-47

Four-Year Plan of Study

Suggested Four-Year Plan

The selected course sequence below is an example of the simplest path to degree completion. Based on course schedules, student needs, and student choice, individual plans may vary. Students should consult with their adviser to make the most appropriate elective choices and to ensure that they have completed the required number of units (120) to graduate.

Freshman

Term 1	Units	Term 2	Units
GEOG 101 (Core 8)	3	GEOG 109 (Core 12)	3
Core 1 (or Core 2)	3	GEOG 201 (Core 6)	3
Core 3	3	GEOG 221	3
Core 4	3	Core 2 (or Core 1)	3
Elective	3	Core 7	4
15		16	

Sophomore

Term 1	Units	Term 2	Units
GEOG 251 (Core 10)	3	GEOG 322	4
GEOG 373	3	GEOG Climate Elective	3
Core 5	3	Core 11 (POSC 103 recommended)	3
Elective	3	Core 13	3
Elective	3	Elective	3
15		16	

Junior

Term 1	Units	Term 2	Units
GEOG 419	3	GEOG 383 (Core 9)	3
GEOG Physical Environment	4	GEOG 406	3
Elective	3		
Core 14	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
16		15	

Senior

Term 1	Units	Term 2	Units
GEOG 402	3	GEOG Elective	3
Policy and Politics Elective	3	GEOG Planning Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3		
15		12	

Total Units 120

Learning Outcomes

- Critical Analysis and Reasoning:** Graduates will demonstrate the ability to analyze and interpret environmental data related to climate change. (Assessed in GEOG 373 Climatology)
- Working in Multifaceted Work Environments:** Student will exhibit problem-solving skills by designing climate adaptation and mitigation

strategies to address community resilience. (Assessed in GEOG 402 Resilient Communities)

3. **Effective Communication:** Students will effectively communicate climate change concepts and solution recommendations. (Assessed in GEOG 383 Natural Resources and Society)
4. **Local and Global Citizenship:** Graduates will demonstrate an understanding of the tools to advocate for more socially equal, just, and sustainable communities, both locally and around the world. (Assessed in GEOG 406 Planning for Climate Change)