

# COMMUNITY AND ENVIRONMENTAL PLANNING

## Bachelor of Arts - Geography; Community & Environmental Planning Concentration

### College Humanities & Sciences

Degree Specific Credits: 43

Required Cumulative GPA: 2.5

Note: An internship is strongly recommended.

Catalog Year: 2017-2018

### General Education Requirements

Information regarding these requirements can be found in the General Education Section (<http://catalog.umn.edu/academics/general-education-requirements>) of the catalog.

### Summary

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Regional Geography Course	3
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Mathematics/Statistics	
Upper Division Systematic Geography	9
Physical Geography	
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Capstone	1
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Community and Environmental Planning Core	
Community and Environmental Planning Methods	
Community and Environmental Planning Electives	
General Ed Mathematics	3
Total Hours	49-56

### Introduction to Geography

Rule: Must complete all of the following courses:

GPHY 111N	Intro to Physical Geography	3
GPHY 112N	Intro to Phys Geography Lab	1
GPHY 121S	Human Geography	3
Total Hours		7

Minimum Required Grade: C-

### Regional Geography Course

Select at least one of the following: 3		
GPHY 141S	Geography of World Regions	
GPHY 144	Glacier National Park in Winter	

GPHY 241	Montana	
GPHY 243	Africa	
GPHY 245X	The Middle East	
GPHY 342	North America	
GPHY 344	Crown of the Continent	
GPHY 347	Regional Geography (Multiple Regions)	
GPHY 348	Field Studies in Geography	
GPHY 444	High Asia	
Total Hours		3

Minimum Required Grade: C-

### Methods

Rule: Must complete all of the following courses

Minimum Required Grade: C-

10 Total Credits Required

### Geographic Methods

GPHY 284	Intro to GIS and Cartography	3
GPHY 385	Field Techniques	3
Total Hours		6

Minimum Required Grade: C-

### Mathematics/Statistics

STAT 216		4
Total Hours		4

Minimum Required Grade: C-

### Upper Division Systematic Geography

Rule: Must complete the following subcategories of courses

9 Total Credits Required

### Physical Geography

Select at least one of the following: 3

ERTH 303N	Weather and Climate	
GPHY 311N	Biogeography	
GPHY 314	Global Mountain Environments	
GPHY 317	Geomorphology	
GPHY 438	Mountain Field Study	
GPHY 525	Advanced Physical Geography	
Total Hours		3

Minimum Required Grade: C-

### Geography and Society

Note: GPHY 323S and GPHY 421 count simultaneously toward Upper Division Systematic Geography and CEP electives.

Select at least one of the following: 3

GPHY 323S	Economic Geography of Rural Areas	
GPHY 421	Sustainable Cities	

GPHY 434	Food and Famine	
Total Hours		3

Minimum Required Grade: C-

### Human Environment Interaction

**Note:** GPHY 335 and GPHY 432 count simultaneously toward Upper Division Systematic Geography and CEP electives.

Select at least one of the following: 3

GPHY 335	Water Policy	
GPHY 338	Mountains and Society	
GPHY 432	Human Role Environmental Change	
GPHY 433	Cultural Ecology	
Total Hours		3

Minimum Required Grade: C-

### Capstone

**Rule:** Seniors must complete the following course

**Note:** Seniors must enroll in GPHY 400 in fall, attend GPHY 500 in fall, and complete course requirements in spring.

GPHY 400	Geography Capstone	1
Total Hours		1

Minimum Required Grade: C-

### Upper Division Writing

**Note:** GPHY 335 or GPHY 433 will also count toward the upper division core requirements

Select one of the following: 3

GPHY 335	Water Policy	
GPHY 433	Cultural Ecology	
GPHY 499	senior thesis / capstone	
Total Hours		3

Minimum Required Grade: C-

### Community and Environmental Planning Concentration

**Rule:** Must complete the following subcategories

13-20 Total Credits Required

#### Community and Environmental Planning Core

**Rule:** Must complete both courses

GPHY 465	Planning Principles & Processes	3
GPHY 466	Environmental Planning	3
Total Hours		6

Minimum Required Grade: C-

#### Community and Environmental Planning Methods

**Rule:** Must complete at least 1 of the following course/lab combinations

**Note:** GPHY 468 must be taken together with GPHY 469. GPHY 486 must be taken together with GPHY 489.

Select one of the following: 4

GPHY 468 & GPHY 469	Community & Regional Analysis and Planning & Analysis Laboratory	
GPHY 486 & GPHY 489	Transport, Planning & GIS and Cartography/GIS Laboratory	
Total Hours		4

Minimum Required Grade: C-

### Community and Environmental Planning Electives

**Rule:** Must complete at least 3 courses from the following courses:

**Note:** If not previously taken to fulfill CEP Methods, the following courses can be selected as electives:

1. GPHY 468/GPHY 469 - 4 cr
2. GPHY 486/GPHY 489 - 4 cr

Other courses can count towards CEP electives.

- GPHY 323S and GPHY 421 can be used to satisfy upper division requirements in 'Geography and Society'
- GPHY 335 and GPHY 432 can be used to satisfy upper division requirements in 'Human Environment Interaction.'

Select at least three of the following: 9

GPHY 323S	Economic Geography of Rural Areas	
GPHY 335	Water Policy	
GPHY 421	Sustainable Cities	
GPHY 432	Human Role Environmental Change	
Total Hours		9

Minimum Required Grade: C-

### General Ed Mathematics

**Note:** Students are encouraged to take M 115. Students who successfully complete M 122, M 171, or M 172 also meet the degree specific Gen Ed Mathematics requirement. Gen Ed credits do not count towards degree credits.

Select 3 credits from the following: 3

M 115	Probability and Linear Mathematics	
M 121	College Algebra	
M 151	Precalculus	
M 162	Applied Calculus	
Total Hours		3

Minimum Required Grade: C-