

# MAJOR IN GEOGRAPHY

## Major in Geography

(42-45 credits, leading to a Bachelor of Arts degree)

Code	Title	Credits
<b>Required Core Courses (17 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
GEO341	Introduction to Geographic Information Systems	4
GEO342	Digital Map Design	4
<b>Required Statistics Course (3-4 Credits)</b>		
Select one of the following:		3-4
GEO344	Spatial Statistics	
MAT145	Statistics and Public Policy	
MAT241	Introduction to Statistics	
PSY201	Psychological Statistics	
<b>Required Science Cognate (4 Credits)</b>		
Select one of the following:		4
BIO340	Ecology	
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
<b>Electives (18-20 Credits)</b>		
Select six (6) courses in geography, at least four (4) of which must be systematic courses.		
Systematic Courses:		
GEO203	People-Environments Geography	
GEO214	Introduction to Urban and Regional Planning	
GEO231	Geography of Hazards	
GEO314	Issues in Urban Planning	
GEO321	Geography of Soils	
GEO322	Geography of Water Resources	
GEO331	Gender and Environment	
GEO332		
GEO333	Advanced People-Environments Geography	
GEO343	Remote Sensing	
GEO411	Political Geography	
GEO412	Geography of Socialism	
GEO431	Natural Resources: Utilization and Management	
GEO441	Geographic Information Systems Applications	
GEO480 & GEO481	Internship in Geography (3,6, or 9) and Internship Seminar <sup>1</sup>	
Regional Courses:		
GEO211	World Geography	
GEO212	Cities of the World	
GEO351	Geography of the United States and Canada	
GEO354	Geography of Asia	
GEO355	"Emerging" China and Critical Geopolitics	
<b>Total Credits</b>		<b>42-45</b>

## Major in Geography: Environmental Concentration

(48-49 credits, leading to a Bachelor of Science degree)

Code	Title	Credits
<b>Required Courses (17 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
GEO341	Introduction to Geographic Information Systems	4
GEO342	Digital Map Design	4
<b>Required Environmental Courses (10 Credits)</b>		
GEO203	People-Environments Geography	3
GEO321	Geography of Soils	4
GEO431	Natural Resources: Utilization and Management	3
<b>Required Statistics Course (3 Credits)</b>		
Select one of the following:		3
GEO344	Spatial Statistics	
MAT145	Statistics and Public Policy	
MAT241	Introduction to Statistics	
<b>Required Science Cognate Courses (8 Credits)</b>		
Select any two (2) of the following lab courses:		8
GLG201 & GLG211	Physical Geology and Physical Geology Laboratory	
GLG303	Geomorphology <sup>2</sup>	
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	
<b>Electives (10-11 Credits)</b>		
Select three (3) of the following systematic geography courses:		10-11
GEO331	Gender and Environment	
GEO332		
GEO343	Remote Sensing	
GEO480 & GEO481	Internship in Geography (3,6, or 9) and Internship Seminar <sup>1,3</sup>	
<b>Total Credits</b>		<b>48-49</b>

<sup>1</sup> The internship and corequisite seminar may only be taken with the chair's permission and after the major has been completed or nearly so.

<sup>2</sup> Prereqs: GLG201 Physical Geology and GLG211 Physical Geology Laboratory

<sup>3</sup> Only four (4) credits of GEO480 Internship in Geography (3,6, or 9) may count toward the elective requirements of the Environmental concentration.

## Major in Geography: Urban Planning Concentration

(49-54 credits, leading to a Bachelor of Science degree)

Code	Title	Credits
<b>Required Core Courses (30 Credits)</b>		
GEO201	Human Geography	3
GEO202	Physical Geography	3
GEO213	Economic Geography	3
GEO214	Introduction to Urban and Regional Planning	3

GEO314	Issues in Urban Planning	3
GEO341	Introduction to Geographic Information Systems	4
GEO342	Digital Map Design	4
GEO344	Spatial Statistics	3
GEO441	Geographic Information Systems Applications	4

**Required Cognate Courses (9-11 Credits)**

Select one of the following: 9-11

CPS104 Visual Programming

CPS110 Web Page Design

CPS210 Computer Science I: Foundations

Select one of the following:

ECO206 Principles of Microeconomics

ECO207 Principles of Macroeconomics

Select one of the following:

POL216 American Govt and Politics

POL316 American Public Policies

POL350 Introduction to Law

**Electives (3 Credits)**

Select one of the following: 3

GEO212 Cities of the World

GEO231 Geography of Hazards

GEO315 Quantitative Analysis in Urban Planning

GEO332

GEO351 Geography of the United States and Canada

GEO431 Natural Resources: Utilization and Management

**Required Internship (7-10 Credits)**

Internship must be 6-9 credits, plus the corequisite seminar: 7-10

GEO480 Internship in Geography (3,6, or 9)

GEO481 Internship Seminar

**Total Credits 49-54**