



## GEOGRAPHY

### What YOU will learn:

When you major in geography, you will study a science concerned with the spatial dimensions of human societies and earth's environment; a discipline which is increasingly critical to understanding the complexities of global change. You will be exposed to the contributions and unique insights geographers make about past, present and future issues involving natural resources, culture, economics, and politics. You will also learn how to use state-of-the-art technologies such as computer cartography, geographic information systems (GIS), and remote sensing.

You can expect to begin your program with introductory physical and human courses, then move to courses dealing with environmental issues, world regions, and courses in techniques of acquiring, mapping and displaying geographic data. An undergraduate seminar which covers historical and philosophical aspects of geography as well as practical matters such as jobs and graduate schools, completes your set of mandatory courses.

### Career opportunities YOU will have:

Your geography major will prepare you for a variety of careers in government agencies, foreign service, land management, tourism, health care delivery systems, environmental assessment, transportation development, land use planning, air traffic control, GIS and cartographic analysis; or a wide variety of businesses, concerned with environmental mapping, geographic information systems, and planning. You will also be prepared for graduate-level degrees in geography, law (especially environmental law), international business, urban and regional planning, and teaching at all levels. Employment of recent Nebraska graduates includes:

- Design Engineer, Atlantic Engineering Group
- GIS Analyst, GIS Workshop
- GIS Contractor, Union Pacific
- GIS Specialist, Nebraska State Legislature
- Intelligence Analyst, BAE Systems
- Project Scientist, Alfred Benesch & Company
- Well Site Geologist, Columbine Logging

### Why NEBRASKA for Geography?

Through the Center for Advanced Land Management Information Technologies (CALMIT), you will have access to a 29-hectare field research station at UNL's Agricultural Research and Development Center near Ithaca, NE; unique close-range remote sensing capabilities and an aircraft for support of remote sensing research. You will also have access to state-of-the-art computing including image processing and GIS software such as ArcGIS, ERDAS Imagine and ENVI.

Connect with the department and like-minded peers by joining UNL's Geography Student Organization aimed at world exploration; interaction and unity among different fields of interest within geography; and the furthering of intellectual, cultural, social and professional interests of geography students.



# COLLEGE OF ARTS AND SCIENCES

## GEOGRAPHY

	COURSE NAME	HOURS
<b>FIRST Semester</b>	GEOG 140: Introductory Human Geography (ACE 9)	3
	ACE 1: Written texts/research & knowledge skills	3
	ACE 4: Scientific methods & knowledge of natural/physical world	3
	Language Prerequisite - 101 Level (Elective)	5
	Total Hours	14

	COURSE NAME	HOURS
<b>SECOND Semester</b>	GEOG 155: Elements of Physical Geography (CDR B, BL)	4
	CDR A: Written communication	3
	ACE 3: Mathematical/computational/statistical/formal reasoning	3
	Language Prerequisite - 102 Level (Elective)	5
	Total Hours	15

<b>THIRD Semester</b>	GEOG 181: Quality of the Environment (ACE 6)	3
	ACE 2: Communication skills	3
	ACE 5: Humanities	3
	Language Requirement - 201 Level (CDR E)	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	1
	Total Hours	16

<b>FOURTH Semester</b>	GEOG 272: Geography of World Regions (ACE 9)	3
	Geography 300 Level Elective Course	3
	Language Requirement - 202 Level (CDR E)	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Total Hours	15

<b>FIFTH Semester</b>	Geography Techniques Course	3
	ACE 8: Ethics/civics/stewardship	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Total Hours	15

<b>SIXTH Semester</b>	Geography 400 Level Technique Course	3
	CDR C: Humanities	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Total Hours	15

<b>SEVENTH Semester</b>	Geography 300 Level Elective Course	3
	CDR F: Additional breadth	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Total Hours	15

<b>EIGHTH Semester</b>	GEOG 402: Undergraduate Seminar (ACE 10)	3
	ACE 7: Fine Arts	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Elective/Minor/Secondary Major/Science/Pre-Professional	3
	Total Hours	15

**DISCLAIMER:** This document represents a sample 4-year plan for degree completion with a major of interest in the College of Arts and Sciences. Actual course selection and sequence may vary and should be discussed individually with an Academic Advisor at the college and department level.