

GEOGRAPHY, BACHELOR OF ARTS

To obtain a B.A. with a major in Geography, a student must fulfill university, college, and departmental requirements. Minimum hour requirements follow:

- 46 hours of University General Education courses
- 16 hours of foreign languages
- 12 hours college breadth requirement
- 42 hours of major courses
- Elective hours as required to total 120 hours.

TOTAL HOURS: 120

The BA degree with a major in Geography requires a minimum of 42 credits, 25 of which must be taken at the 3000 level or higher. All 3000 level or higher courses taken in the Geography Fundamentals and Geography Diversity Requirements count toward this requirement.

Students who wish more concentrated applications in geography may choose an optional concentration of either Geographic Information Systems or Travel and Tourism. The specific course requirements for these concentrations may also be used to satisfy the major requirements where the overlap of course options occurs.

The Bachelor of Arts degree with a major in Geography requires 42* credits of major coursework, of which 25 must be upper-level (3000-4000) Geography courses. Statistics and programming courses do not count toward the upper-level Geography requirement.

*CIST 1300 may be necessary if student does not have programming experience. In that case, the total would be 45.

- 24 credits of Geography Fundamentals Requirements
 - 18-20 credits of Geography Diversity Requirements
 - (0-3 credits of programming-see GEOG 3530)
- TOTAL = 42-47

Requirements

Code	Title	Credits
GEOGRAPHY FUNDAMENTALS REQUIREMENTS		
GEOG 1000	WORLD REGIONAL GEOGRAPHY	3
GEOG 1020	INTRODUCTION TO HUMAN GEOGRAPHY	3
GEOG 1030	OUR DYNAMIC PLANET: INTRODUCTION TO PHYSICAL GEOGRAPHY	4
GEOG 1050	HUMAN-ENVIRONMENT GEOGRAPHY	4
GEOG 3530	CARTOGRAPHY AND DATA VISUALIZATION (*)	4
GEOG 4620	GEOGRAPHICAL FIELD STUDIES (Can also apply to the upper-level Global or North American category, depending on the field study destination.) ¹	3
STAT 1530	ELEMENTARY STATISTICS (or other approved course)	3

Note: All pre-reqs for GEOG 3530 are a part of this list, with the exception of programming. Students without programming experience will need to take CIST 1300 or receive instructor permission prior to enrollment into GEOG 3530.

Total Credits

24

Code	Title	Credits
GEOGRAPHY DIVERSITY REQUIREMENTS		
Select the required number of courses from each of the Geography Diversity groups below.		
Physical Geography (choose at least one course)		3-4
GEOG 3440	NEBRASKA NATURAL RESOURCES MANAGMENT	
GEOG 3510 & GEOG 3514	METEOROLOGY and INTRODUCTION TO METEOROLOGY LABORATORY (the lab is optional)	
GEOG 4010	CONSERVATION OF NATURAL RESOURCES	
GEOG/GEOL 4040	GEOARCHAEOLOGY	
GEOG/BIOLOG/GEOL 4100	BIOGEOGRAPHY	
GEOG 4260	PROCESS GEOMORPHOLOGY	
GEOG 4320	CLIMATOLOGY	
GEOG 4330	SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION	
GEOG 4340	WATER RESOURCES	
GEOG 4350	GLOBAL CLIMATE CHANGE	
GEOG/ENVN/GEOL/BIOLOG 4610	ENVIRONMENTAL MONITORING AND ASSESSMENT	
GEOG 4640	CRITICAL ZONE SCIENCE	
Human Geography (choose at least two courses)		6
GEOG/ECON 3130	ECONOMIC GEOGRAPHY	
GEOG 3440	NEBRASKA NATURAL RESOURCES MANAGMENT	
GEOG 3930	POLITICAL GEOGRAPHY	
GEOG 4010	CONSERVATION OF NATURAL RESOURCES	
GEOG 4120	URBAN GEOGRAPHY	
GEOG/WGST 4150	GEOGRAPHY, GENDER AND ENTREPRENEURSHIP	
GEOG 4160	URBAN SUSTAINABILITY	
GEOG 4170	ADVANCED CULTURAL GEOGRAPHY	
GEOG 4550	GEOGRAPHY OF ECONOMIC GLOBALIZATION	
GEOG/PA/BIOLOG/ENVN 4820	INTRODUCTION TO ENVIRONMENTAL LAW & REGULATIONS	
Global Perspectives (choose at least one course)		3
GEOG 3000	TRAVEL STUDY IN GEOGRAPHY	
GEOG 3030	GEOGRAPHY OF AFRICA	
GEOG 3050	GEOGRAPHY IN FILM	
GEOG 3070	GEOGRAPHY OF LATIN AMERICA	
GEOG 3080	EAST & SOUTHEAST ASIA	
GEOG 3230	GEOGRAPHY OF EUROPE	
GEOG 3240	GEOGRAPHY OF RUSSIA AND ITS NEIGHBORS	
North American Perspectives (choose at least one course)		3
GEOG 3330	UNITED STATES & CANADA	
GEOG 4230	GREAT PLAINS & NEBRASKA	
GEOG 4530	HISTORICAL GEOGRAPHY OF THE UNITED STATES	
Geospatial Science (choose at least one course)		3-4

GEOG 2620	AERIAL PHOTOGRAPHIC INTERPRETATION	
GEOG 4020	SPATIAL ANALYSIS IN GEOGRAPHY	
GEOG 4030	COMPUTER MAPPING AND VISUALIZATION	
GEOG 4050	GEOGRAPHIC INFORMATION SYSTEMS I	
GEOG 4630	ENVIRONMENTAL REMOTE SENSING	
GEOG 4660	GEOGRAPHIC INFORMATION SYSTEMS II	
Total Credits		18-20

¹ Geographical Field Studies Requirement

Optional method of completing GEOG 4620: Students who have completed study abroad, or military service for more than six months outside the USA can complete the course without going on the multiple day field trip. Contact the department for the details regarding this alternative method.

Code	Title	Credits
BACHELOR OF ARTS FOREIGN LANGUAGE REQUIREMENT		
Students earning the Bachelor of Arts degree are required to take a foreign language up through level IV or the intermediate level.		

Optional Concentrations

Geography majors have the option to declare a concentration, if they wish. Concentrations are at least 15 credits, and are allowed to count within the major requirements, where applicable.

Geographic Information Science and Technology Concentration

Code	Title	Credits
Required Courses		
Select 9 credit hours of computer science coursework in consultation with an advisor		9
Additional Required Courses		3-7
Both:		
MATH 1320	PRE-CALCULUS ALGEBRA (3 cr)	
or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT	
MATH 1330	TRIGONOMETRY (3 cr)	
Or one of the following:		
MATH 1340	ALGEBRA AND TRIGONOMETRY FOR CALCULUS (5 cr)	
MATH 1930	CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES (3 cr)	
MATH 1950	CALCULUS I (5 cr)	
Additionally, select one of the following:		3-4
GEOG 4020	SPATIAL ANALYSIS IN GEOGRAPHY (3 cr)	
GEOG 4030	COMPUTER MAPPING AND VISUALIZATION (3 cr)	
GEOG 4050	GEOGRAPHIC INFORMATION SYSTEMS I (4 cr)	
GEOG 4660	GEOGRAPHIC INFORMATION SYSTEMS II (4 cr)	
Total Credits		15-20

Travel and Tourism Concentration

Code	Title	Credits
Required Course		
GEOG 3000	TRAVEL STUDY IN GEOGRAPHY	3

Additional Required Courses

Select four of the following:		12
GEOG/ECON 3130	ECONOMIC GEOGRAPHY (3 cr)	
GEOG 3230	GEOGRAPHY OF EUROPE (3 cr)	
GEOG 3240	GEOGRAPHY OF RUSSIA AND ITS NEIGHBORS (3 cr)	
GEOG 3330	UNITED STATES & CANADA (3 cr)	
GEOG 4230	GREAT PLAINS & NEBRASKA (3 cr)	
GEOG 4620	GEOGRAPHICAL FIELD STUDIES (3 cr)	
Total Credits		15

Freshman

Fall		Credits
GEOG 1020	INTRODUCTION TO HUMAN GEOGRAPHY (*)	3
GEOG 1030	OUR DYNAMIC PLANET: INTRODUCTION TO PHYSICAL GEOGRAPHY	4
ENGL 1150	ENGLISH COMPOSITION I (**)	3
MATH 1220	COLLEGE ALGEBRA (***)	3-4
or MATH 1300	or COLLEGE ALGEBRA WITH SUPPORT	
Humanities and Fine Arts course		3
*Geog 1020 is a social science and global diversity as well as major course.		
**ENGL 1150: Requires appropriate placement.		
***MATH: See catalog for most up-to-date pre-requisites.		
Credits		16-17

Spring

GEOG 1000	WORLD REGIONAL GEOGRAPHY (*)	3
GEOG 1050	HUMAN-ENVIRONMENT GEOGRAPHY	4
ENGL 1160	ENGLISH COMPOSITION II (**)	3
CMST 1110	PUBLIC SPEAKING FUNDS	3
or CMST 2120	or ARGUMENTATION AND DEBATE	
STAT 1530	ELEMENTARY STATISTICS (***) or other approved course)	3
*GEOG 1000 is a social science and global diversity as well as major course.		
**ENGL 1160: Requires ENGL 1150 with grade of C- or higher or placement.		
***STAT 1530: Requires appropriate placement. Other statistics options are available.		
Credits		16

Sophomore

Fall		Credits
CIST 1300	INTRODUCTION TO WEB DEVELOPMENT (*)	3
Humanities and Fine Arts course with US Diversity		3
Natural/Physical Science course without Lab**		3
Foreign Language 1110***		5
*CIST 1300: This is the preferred programming course for GEOG 3530 preparation. May not be needed if student has prior programming experience. Requires MATH 1120 or MATH 1130 or MATH 1220 (or MATH 1300) or equivalent with C- or better.		
**NPS course must not be Geography		
***Foreign Language is a HFA and Global Diversity		
Credits		14

Spring

GEOG 3530	CARTOGRAPHY AND DATA VISUALIZATION (*)	4
HIST 1000	WORLD HISTORY TO 1500 (*or Minor/2nd Major Course)	3
Foreign Language 1120		5
Social Science **		3

*CAS Requirement Option
 **Social Science must not be Geography
 *GEOG 3530: Requires GEOG 1000 or 1020; GEOG 1030 or 1050; a statistics course, such as STAT 1530; and CIST 1300 or prior programming experience or instructor permission.

Credits 15

Junior

Fall

HIST 1010	WORLD HISTORY SINCE 1500 (or Minor/2nd Major Course*)	3
Physical Geography Elective		3-4
Global Perspectives Geography Elective		3
Foreign Language 2110		3
Elective**		3

*CAS College Requirement Option
 **Students need a minimum of 27 upper level credits throughout the entire degree, with at least 25 credits of upper level Geography coursework.

Credits 15-16

Spring

ENGL 3050 or ENGL 3980	WRITING FOR THE WORKPLACE (*) or TECHNICAL WRITING ACROSS THE DISCIPLINES	3
Human Geography Elective		3
Humanity & Fine Arts course for A&S or Minor/2nd Major Course**		3
Foreign Language 2120		3
Elective***		3

*ENGL 3050 or 3980: Requires ENGL 1160 with grade of C- or better or placement via EPPE or AP.
 **CAS College Requirement Option. HFA must be from 3rd discipline
 ***Students need a minimum of 27 upper level credits throughout the entire degree, with at least 25 credits of upper level Geography coursework.

Credits 15

Senior

Fall

North American Perspectives Geography Course		3
Geospatial Science Elective Course*		3-4
Human Geography Elective		3
Social Science for A&S or Minor/2nd Major Course**		3
Elective***		3

*Geospatial: When considering options within this list, keep in mind that students need a minimum of 25 upper-level GEOG credits within the major.
 **College Requirement Option. Social Science must be from a 3rd discipline.
 ***Students need a minimum of 27 upper level credits throughout the entire degree, with at least 25 credits of upper level Geography coursework.

Credits 15-16

Spring

GEOG 4620	GEOGRAPHICAL FIELD STUDIES (*)	3
Elective		3
Elective		3
Elective		3
Elective		3

*GEOG 4620: Requires instructor permission.

Credits 15

Total Credits 121-124

This roadmap is a suggested plan of study and does not replace meeting with an advisor. Please note that students may need to adjust the actual sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

This plan is not a contract and curriculum is subject to change

Additional Information About this Plan:

University Degree Requirements: The minimum number of hours for a UNO undergraduate degree is 120 credit hours. Please review the requirements for your specific program to determine all requirements for the program. In order to graduate on-time (four years for an undergraduate degree), you need to take 30 hours each year.

Placement Exams: For Math, English, Foreign Language, a placement exam may be required. More information on these exams can be found at <https://www.unomaha.edu/enrollment-management/testing-center/placement-exams/information.php>

**Transfer credit or placement exam scores may change suggested plan of study