



Student Name:

UID:

State of Iowa approved preparation program for endorsement number 161 Geography grades 5-12 available to students who have or are completing a major in Geography as defined by The University of Iowa, or the equivalent.

Requirements

- [Admission to the Teacher Education Program.](#)
- Completion of the professional education courses listed below.
- Completion of a University of Iowa major in Geography or equivalent.

Professional Education Course Requirements

Complete the following three courses in the first semester of enrollment:

Course	Course Title	Credit	Session/Substitute
EDTL:3091	Secondary Orientation & Classroom Management	3 s.h.	
EDTL:3095	Teaching Reading Secondary Content Areas	1 s.h.	
EDTL:3002	Technology in the Classroom	2 s.h.	

Complete all of the following: (May be completed prior to TEP admission)

Course	Course Title	Credit	Session/Substitute
EPLS:3000	Foundations of Education	3 s.h.	
EDTL:4900	Foundations of Special Education	3 s.h.	
PSQF:1075	Educational Psychology and Measurement	3 s.h.	

Complete all of the following:

Course	Course Title	Credit	Session/Substitute
EPLS:4180	Human Relations for the Classroom Teacher	3 s.h.	
EDTL:4811	Introduction and Practicum: Social Studies	3 s.h.	
EDTL:4870	Methods: Social Studies	3 s.h.	

Field Experience

Student Teaching: (Complete all of the following or approved substitutes)

Course	Course Title	Credit	Session
EDTL:4087	Seminar: Curriculum and Student Teaching	3 s.h.	
EDTL:4091	Observation and Lab Prac in Secondary School	6 s.h.	
EDTL:4092	Observation and Lab Prac in Secondary School	6 s.h.	

College level Mathematics (Choose one course in consultation with adviser)

Course	Course Title	Credit	Session

Completion of 15 s.h. in another Social Studies Area: American History/Psychology/World History/Sociology/Economics/Anthropology

Course	Course Title	Credit	Session/Substitute

Geography BA Content Course Requirements (minimum of 38-43 s.h. to include all of the following):

Complete one of the following courses (3 s.h.):

Course	Course Title	Credit	Session/Substitute
GEOG:1010	Introduction to Human Geography	3 s.h.	
GEOG:1090	Globalization and Geographic Diversity	3 s.h.	

Complete all of the following courses (7 s.h.):

Course	Course Title	Credit	Session/Substitute
GEOG:1020	The Global Environment	3 s.h.	
GEOG:1021	The Global Environment Lab	1 s.h.	
GEOG:1050	Foundations of GIS	3 s.h.	

Complete one of the following courses (3 s.h.):

Course	Course Title	Credit	Session/Substitute
GEOG:1060	Geography of Asia: From Japan to Pakistan	3 s.h.	
GEOG:1070	Contemporary Environmental Issues	3 s.h.	
GEOG:1090	Globalization and Geographic Diversity (if not chosen above)	3 s.h.	
GEOG:2110	Population Geography: Societies in Flux	3 s.h.	
GEOG:2130	World Cities		
GEOG:2910	The Global Economy	3 s.h.	
GEOG:2950	Environmental Conservation	3 s.h.	

Complete one of the following courses (3 s.h.):

Course	Course Title	Credit	Session/Substitute
GEOG:3340	Ecosystem Services: Human Dependence on Natural Systems	3 s.h.	
GEOG:3500	Introduction to Environmental Remote Sensing	3 s.h.	
GEOG:3520	GIS for Environmental Studies	3 s.h.	
GEOG:3540	Introduction to Geographic Visualization	3 s.h.	
GEOG:3560	Spatial Analyses of Wind Energy	3 s.h.	
GEOG:3570	Light Detection and Ranging (LiDAR): Principles and Applications	3 s.h.	
GEOG:4010	Field Methods in Physical Geography	3 s.h.	

GEOG:4020	Field Methods: Mapping and Mobile Computing	3 s.h.	
GEOG:4150	Health and Environment: GIS Applications	3 s.h.	
GEOG:4650	Simulation in Environmental Geography	3 s.h.	
GEOG:5129	Information Systems for Resource Management	3 s.h.	

Complete one of the following courses:

Course	Course Title	Credit	Session/Substitute
GEOG:4030	Senior Project Seminar	3 s.h.	
GEOG:4995	Honors Thesis	3 s.h.	

Complete at least one of the following courses:

Course	Course Title	Credit	Session/Substitute
GEOG:3400	Iowa Environmental Policy in Practice	3 s.h.	
GEOG:3992	Undergraduate Research	Arr	
CCP:1201	Academic Internship	1-3 s.h.	

Complete one of the following Statistics courses:

Course	Course Title	Credit	Session/Substitute
GEOG:1065	Introduction to Spatial Analysis: Patterns & Process	3 s.h.	
STAT:4143	Introduction to Statistical Methods	3 s.h.	
STAT:1020	Elementary Statistics and Inference	3 s.h.	
STAT:1030	Statistics for Business	4 s.h.	
STAT:2010	Statistical Methods and Computing	3 s.h.	
STAT:2020	Probability and Statistics for Engineer and Physical Science	3 s.h.	
STAT:3510	Biostatistics	3 s.h.	

Track Requirements:

In addition, all majors must complete one of the four programs of study described above under [Health and Society](#), [Environmental Studies](#), or [Geographic Information Science \(GISsci\)](#)

This Program Guide is for planning and documentation of program completion. State requirements for licensure and endorsements are subject to change without notice; check with your adviser or the Office of Education Services for updated requirements. Course transfer and substitution may require syllabi or other documentation in addition to transcript. Revised 8/10/2016 KSM version 2.6.

For additional information, admissions procedures, or advising referral, please contact Office of Student Services, College of Education, N310 Lindquist Center, Iowa City, IA 52242, 319-335-5359, FAX: 319-335-5364, edu-educationservices@uiowa.edu, <http://www.education.uiowa.edu>