Bachelor of Science with a Major Geography

Required 120 credits (36 of which must be numbered 300 or above, and 30 of which must be from UND) including:

I. Essential Studies Requirements (see University ES listing).

II. The following core curriculum courses for A and B sub-plans (25 or 26 credits):

Code	Title	Credits
GEOG 121 & 121L	Global Physical Environment and Global Physical Environment Laboratory	4
GEOG 151	Human Geography	3
GEOG 161	World Regional Geography	3
GEOG 274	Introduction to Geospatial Technologies	3
GEOG 471 & 471L	Cartography and Visualization and Cartography and Visualization Laboratory	3
GEOG 454	Conservation and Sustainable Use of Natural Resources *	3
GEOG 474 & 474L	Introduction to Geographic Information Systems (GIS) and GIS Laboratory	3
Select one of the following statistics courses		
SOC 326	Sociological Statistics	3
ECON 210	Introduction to Business and Economic Statistics	3
PSYC 241	Statistics for the Behavioral Sciences	4
MATH 321	Applied Statistical Methods	3
BIOL 470	Biostatistics	4

* Capstone Course

III. Select one of the following sub-plans:

A: Global Human Environment Sub-plan

Code	Title	Credits
Required (6 credits)		
GEOG 352	Economic Geography	3
GEOG 457	Urban Geography and Planning	3
Electives (6 credits) *		5
GEOG 134	Introduction to Global Climate	3
GEOG 134L	Introduction to Global Climate Laboratory	1
GEOG 250	Introduction to Geopolitics	3
GEOG 262	Geography of North America I	3
GEOG 263	Geography of North Dakota	3
GEOG 300	Special Topics in Geography	1-3
GEOG 322	Environmental Hazards	3
GEOG 334	Climatology	3
GEOG 362	Geography of Canada	3
GEOG 421	Selected Topics in Physical Geography	3
GEOG 453	Historical Geography	3
GEOG 463	Regional Geography	2-3
GEOG 476	Selected Topics in Geographic Information Systems	3

* Chosen in consultation with the faculty adviser

B: Geospatial Science Sub-plan

Code	Title	Credits
Required (6 credits)		8
GEOG 374	Environmental Remote Sensing	2
GEOG 374L	Environmental Remote Sensing Laboratory	1
GEOG 475 or GEOG 476	Digital Image Processing Selected Topics in Geographic Information Systems	3
Electives (6 credits) *		
GEOG 134	Introduction to Global Climate	3
GEOG 134L	Introduction to Global Climate Laboratory	1
GEOG 262	Geography of North America I	3
GEOG 263	Geography of North Dakota	3
GEOG 300	Special Topics in Geography	1-3
GEOG 322	Environmental Hazards	3
GEOG 334	Climatology	3
GEOG 352	Economic Geography	3
GEOG 362	Geography of Canada	3
GEOG 421	Selected Topics in Physical Geography	3
GEOG 453	Historical Geography	3
GEOG 457	Urban Geography and Planning	3
GEOG 475	Digital Image Processing **	3
GEOG 476	Selected Topics in Geographic Information Systems ***	3

* Chosen in consultation with the faculty adviser.
** If not used as one of the required courses for the sub-plan
*** May take up to 6 credits if not used as required course in sub-plan

C: Teacher Licensure

Through a partnership with the College of Education and Human Development and the Department of Teaching and Learning, students may seek secondary licensure in Geography. The following program of study must be completed:

I. The Geography major (sub-plan A or B described above). Geography majors seeking secondary licensure must have an adviser in the Geography Department and an adviser in the Department of Teaching and Learning. Elective courses in Geography specific to teaching must be selected in consultation with the academic advisor in Geography and Teaching and Learning.

II. Admission to the Secondary Program, normally while taking T&L 250 Introduction to Education. (See College of Education and Human Development (https://education.und.edu/) for admission and licensing requirements.)

III. Students seeking the secondary teaching licensure in Geography must complete the Department of Teaching and Learning requirements in Secondary Education (See College of Education and Human Development (https://education.und.edu/)).