

# GEOGRAPHY

## B.S. Degree Requirements

### Option I: Environmental Studies (ENST)

**GENERAL UNIVERSITY REQUIREMENTS**

**COMMUNICATION (9)**

- \_\_\_\_\_ ENGL 111X (3)
- \_\_\_\_\_ ENGL 211X or 213X (3)
- \_\_\_\_\_ COMM 131X or 141X (3)

**PERSPECTIVES ON THE HUMAN CONDITION (18-22)**

Complete the 6 courses listed **OR**:  
 Complete 4 courses, plus 2 semester-length courses (10 cr.)  
 in a single AK Native or other non-English language or  
 3 semester-length courses (9 cr.) in American Sign Language.

- \_\_\_\_\_ ANTH/SOC 100X (3)
- \_\_\_\_\_ ECON/PS 100X (3)
- \_\_\_\_\_ HIST 100X (3)
- \_\_\_\_\_ ART/MUS/THR 200X or HUM 201X or ANS 202X (3)
- \_\_\_\_\_ ENGL/FL 200X (3)
- \_\_\_\_\_ BA 323X or COMM 300X or JUST 300X or  
 NRM 303X or PHIL 322X or PS 300X (3)

Language option as listed above:  
 \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( )

**MATHEMATICS (6-7)**

- \_\_\_\_\_ Complete 1 of the following calculus courses:  
 MATH 200X, 201X, 202X, 262X, 272X (3-4) <sup>+++</sup>
- \_\_\_\_\_ Complete 1 MATH/CS/STAT elective:  
STAT 200X or 300\*\* (3)

**NATURAL SCIENCES (16)**

Complete any two 4-credit Core Natural Science courses  
 AND a one-year sequence in 1 natural science  
 beyond the core. Total coursework must represent at  
 least two different natural sciences.

**\*\*ALL COURSES BELOW ARE PRE-REQS FOR MAJOR**

- \_\_\_\_\_ BIOL 115X\*\* (4) \_\_\_\_\_ BIOL 116X\*\* (4)
- \_\_\_\_\_ GEOG 211X\*\* (4) \_\_\_\_\_ CHEM 105X\*\* (4)

**LIBRARY & INFO SKILLS (0-1)**

- \_\_\_\_\_ LS competency test or
- \_\_\_\_\_ LS 100X or 101X (1)

**COMPLETE 2 DESIGNATED (W) AND 1 (O) COURSE**

- \_\_\_\_\_ GEOG 490W,O\*\* (W) \_\_\_\_\_ (W)
- \_\_\_\_\_ GEOG 490W,O\*\* (O)

**\*\*Courses required by major or as pre-reqs that  
 also satisfy university core requirements**

**UPPER DIVISION CREDITS (39 cr. At 300-level or above)**

Transfer Upper-Division Credits: \_\_\_\_\_  
 UAF Upper-Division Credits (minimum of 24): \_\_\_\_\_  
 TOTAL Upper-Division Credits TO DATE: \_\_\_\_\_  
 Upper-Division Credits TO BE COMPLETED: \_\_\_\_\_

Credits for core/general requirements:	49-55
Credits required for major:	49-51
Electives credits:	<u>15-22</u>
<b>Total credits required for degree:</b>	<b>120</b>

**B.S. OPTION I (ENST) MAJOR REQUIREMENTS\***

**Geography Foundation Courses Complete all (16)**

- \_\_\_\_\_ GEOG 101 (3) Local/Global: Intro to Geography
- \_\_\_\_\_ GEOG 211X (4) Physical Geography w/Lab<sup>†</sup>
- \_\_\_\_\_ GEOG 312 (3) People, Places & Env: Human Geog.<sup>†</sup>
- \_\_\_\_\_ GEOG 338 (3) Introduction to GIS
- \_\_\_\_\_ GEOG 490W,O (3) Geography Seminar<sup>+++</sup>

**A. Geography Complete the following (12)**

- \_\_\_\_\_ GEOG 339 (3) Maps and Landscape Analysis<sup>+++</sup>
- \_\_\_\_\_ GEOG 401 (3) Weather and Climate<sup>†</sup>
- \_\_\_\_\_ GEOG 402 (3) Resources and Environment<sup>+++</sup>
- \_\_\_\_\_ GEOG 408 (3) Quantitative Research Techniques

**B. Environmental Studies Complete 2 courses (6)**

- \_\_\_\_\_ GEOG 463 (3) Wilderness Concepts
- \_\_\_\_\_ NRM 303X (3) Environmental Ethics and Actions<sup>\*++</sup>
- \_\_\_\_\_ NRM 407 (3) Environmental Law<sup>†</sup>

*\*if used in PHC, may not count in Geography major.*

**C. Environmental Systems Complete 3 courses (9-10)**

- \_\_\_\_\_ ANTH 428 (3) Ecological Anth & Regional Sustainbly.<sup>+++</sup>
- \_\_\_\_\_ BIOL 271 (4) Principles of Ecology<sup>+++</sup>
- \_\_\_\_\_ NRM 277 (3) Intro to Conservation Biology<sup>+++</sup>
- \_\_\_\_\_ GEOS 304 (3) Geomorphology<sup>†</sup>
- \_\_\_\_\_ NRM 375 (3) Forest Ecology<sup>+++</sup>
- \_\_\_\_\_ NRM 380W (3) Soils and the Environment<sup>+++</sup>
- \_\_\_\_\_ NRM 400W (3) Fisheries Science<sup>+++</sup>

**D. Environmental Management Complete 1 course: (3)**

- \_\_\_\_\_ FISH 401W,O/2 (3) Fisheries Management<sup>+++</sup>
- \_\_\_\_\_ NRM 365 (3) Outdoor Recreation Management<sup>++</sup>
- \_\_\_\_\_ NRM 430 (3) Resource Management Planning
- \_\_\_\_\_ NRM 431 (3) Wildlife Law and Policy<sup>††</sup>
- \_\_\_\_\_ NRM 450 (3) Forest Management<sup>+++</sup>
- \_\_\_\_\_ NRM 480 (3) Soil Mgmt. for Quality & Conservation<sup>+++</sup>

**E. Techniques in Geography Complete 1 course: (3-4)**

- \_\_\_\_\_ GEOG 301 (3) Geographic Field Studies
- \_\_\_\_\_ GEOG 309 (4) Cartography
- \_\_\_\_\_ GEOG 435 (3) GIS Analysis

**MINOR (optional): \_\_\_\_\_ (Min. 15 cr.)**

- \_\_\_\_\_ ( ) \_\_\_\_\_ ( )
- \_\_\_\_\_ ( ) \_\_\_\_\_ ( )
- \_\_\_\_\_ ( ) \_\_\_\_\_ ( )

**ELECTIVES (for a total of 120 credits) Must be approved**

- \_\_\_\_\_ ( ) \_\_\_\_\_ ( )
- \_\_\_\_\_ ( ) \_\_\_\_\_ ( )
- \_\_\_\_\_ ( ) \_\_\_\_\_ ( )

*\*Grades of at least "C" required for all courses in the major.  
 †Prerequisite required from within the degree program.  
 ††Prerequisite required from outside the degree program.  
 †††Two or more prerequisite courses.*