I. UNIVERSITY CORE CURRICULUM REQUIREMENTS  37-44 units

A. English – 3-8 units
Refer to the “English” section of the Core Curriculum chapter of the catalog
(NOTE: Students who place in ENG 102 are not required to complete ENG 101)

B. Mathematics – 4 units
MATH 181 – Calculus I  4

C. Natural Sciences – 6-8 units
GEOG 103 – Physical Geography  3 units  OR
GEOG 121 – Climate and Environmental Change  4 units
(For the second Natural Science course, refer to the “Natural Sciences” section of the Core Curriculum chapter in the catalog.)

D. Social Sciences – 3 units
GEOG 106 – Introduction to Cultural Geography  3 units

E. Fine Arts – 3 units
Refer to the “Fine Arts” section of the Core Curriculum | chapter in the catalog

F. Core Humanities – 9 units
Refer to the “Core Curriculum” section of the Core Curriculum chapter in this catalog.

G. Capstone Courses – 6 units
GEOG 418 – Geographic Thought  3 units
(For the second capstone, refer to the “Capstone” section of the Core Curriculum chapter in the catalog.)

H. Diversity – 3 units
Refer to the “Diversity” section of the Core Curriculum chapter in the catalog

II. ADDITIONAL REQUIREMENTS  6 units
A. Statistics - 6 units
STAT 152 – Introduction to Statistics  3 units
GEOG 416 – Spatial Analysis  3 units
III. MAJOR REQUIREMENTS 35-36 units
A. Geography Core – 15 units
GEOG 200 - World Regional Geography (3 units)
GEOG 314 - Field Methods (3 units)
GEOG 325 - Research Methods (3 units)

GEOG 205 - Applications Of GIS (3 units) OR
GEOG 210R - Introduction to Geotechnology (3 units)

GEOG 311 - Maps and Image Interpretation (3 units) OR
GEOG 312 - Cartography (3 units)

GEOG 418 - Geographic Thought (0 units) (Units counted in Core Curriculum Capstone section above.)

GEOG 103 - Physical Geography OR
GEOG 121 - Climate Change and Its Environmental Impacts (0 units) (Units counted in Core Curriculum Natural Sciences section above.)
GEOG 106 - Introduction to Cultural Geography (0 units) (Units counted in Core Curriculum Social Sciences section above.)

B. Geography upper division electives – 20-21 units
Geography methods courses 6 units
Geography science courses 9 units
Geography human/environment courses 6 units
(Geography electives must be selected from an approved menu. Please consult with a Geography Department advisor for acceptable courses)

IV. MINOR REQUIREMENTS 18-21 units
Students may complete any minor approved by the University, except that students may not receive credit for both a minor and a major in the same discipline. Completion of a second major or degree approved by the university satisfies this requirement.

V. ELECTIVES 13-24 units

VI. TOTAL CREDITS 120 credits
Forty or more credits must be courses numbered 300 - 499.
VII. Geography menu for B.S. degree (held in department not printed in the catalog)

**Methods – 6 credits (300 or above)**
- Geog 211 Introduction to maps and compass (1+3) 2 credits
- Geog 311 Maps and image interpretation (2+3) 3 credits
- Geog 312 Cartography (2+3) 3 credits
- Geog 405R GIS I: Geographic information systems and science (3+3) 4 credits
- Geog 407R GIS II: Geographic information systems and science (3+3) 4 credits
- Geog 409R GIS design studio (2+3) 3 credits
- Geog 411 Modeling using geographic information systems (2+3) 3 credits
- Geog 412 Computer mapping (3+0) 3 credits
- Geog 495 Internship

**Science – 9 credits (300 or above)**
- Geog 121R Climate Change: The Science Basis (3+3) 4 credits
- Geog 221 Strange and Dangerous Weather (3+0) 3 credits
- Geog 321 Understanding climate (3+0) 3 credits
- Geog 421 Climatology (3+0) 3 credits
- Geog 422 Climate Solutions: Local to Global (3+0) 3 credits
- Geog 434 Biogeography (3+0) 3 credits
- Geog 437 Geography of past environments (3+0) 3 credits
- Geog 440 Mountain geography (3+0) 3 credits
- Geog 472 Geography of arid lands (3+0) 3 credits

**Human environmental 6 credits (300 or above)**
- Geog 300 Geography of the world economy (3+0) 3 credits
- Geog 305 Community environmental problems (3+0) 3 credits
- Geog 310 Seminar in cultural geography (3+0) 3 credits
- Geog 342 Historical geography (3+0) 3 credits
- Geog 350 Climate and myth (3+0) 3 credits
- Geog 385 Fundamentals of urban planning (3+0) 3 credits
- Geog 400 International issues for water development (3+0) 3 credits
- Geog 435 Conservation of natural resources (3+0) 3 credits
- Geog 438 Western water resources and management (3+0) 3 credits
- Geog 446 Political geography (3+0) 3 credits
- Geog 452 Urban geography (3+0) 3 credits
- Geog 454 Urban landscape analysis (3+0) 3 credits
- Geog 455 Planning ethics (3+0) 3 credits
- Geog 457R Transportation planning and policy (3+0) 3 credits
- Geog 458R Land use planning and policy (3+0) 3 credits
- Geog 459 Housing Planning & policy (3+0) 3 credits
- Geog 460 Ethnic geography (3+0) 3 credits
- Geog 464 Race, gender and the environment (3+0) 3 credits
- Geog 466 Environmental planning and policy (3+0) 3 credits
- Geog 470 Geographic explorations (variable credits)
- Geog 471 Anglo America (3+0) 3 credits
- Geog 473 Nevada: Patterns on the lands (3+0) 3 credits
- Geog 474 The American West (3+0) 3 credits
- Geog 476 Latin America (3+0) 3 credits
- Geog 477 Geography and film (3+0) 3 credits
- Geog 482 Europe (3+0) 3 credits
- Geog 485 Russia (3+0) 3 credits
- Geog 487 Middle East (3+0) 3 credits
- Geog 488R Creating North American landscapes (3+0) 3 credits
- Geog 488B Landscape of Lake Tahoe (3+0) 3 credits
- Geog 489 East Asia (3+0) 3 credits
- Geog 490 Colloquium (1+0) 1 credit
# Geography Major – Bachelor of Science Four-Year Suggested Course of Study

## YEAR 1

### Fall Semester
- Core Fine Arts Course (3 credits)
- GEOG 106 – Intro to Cultural Geography (3 cr)
- ENG 101 – Composition I (3 credits)
- STAT 152 – Introduction to Statistics (3 credits)
- Minor Course (3 credits)
- General Elective (1 credit)

**TOTAL (16 credits)**

### Spring Semester
- GEOG 103 – Physical Geography (3 credits)
- MATH 181 – Calculus I (4 credits)
- ENG 102 – Composition II (3 credits)
- Core Natural Science Group A (3-4 credits)
- General Elective (3 credits)

**TOTAL (16-17 credits)**

## YEAR 2

### Fall Semester
- GEOG 200 – World Regional Geography (3 cr)
- CH 201 – Ancient and Medieval Cultures (3 cr)
- Minor Course (3 credits)
- General Elective (3 credits)
- CH 202 – The Modern World (3 credits)
- General Elective (1 credit)

**TOTAL (16 credits)**

### Spring Semester
- GEOG 210R – Intro to Geotechnologies (3 credits)
- CH 203 – American Experience and Constitutional Change (3 credits)
- General Elective (3 credits)
- Minor Course (3 credits)
- Core Diversity Course (3 credits)
- General Elective (1 credit)

**TOTAL (16 credits)**

## YEAR 3

### Fall Semester
- GEOG 314 – Field Methods (3 credits)
- GEOG 325 – Research Methods (3 credits)
- GEOG Science (3 credits)
- GEOG Method (3-4 credits)
- General Elective (4 credits)

**TOTAL (16 - 17 credits)**

### Spring Semester
- GEOG 312 – Cartography (3 credits)
- GEOG 416 – Spatial Analysis (3 credits)
- GEOG Science (3 credits)
- Minor Course (3 credits)
- GEOG Intern (3 credits)
- General Elective (1 credit)

**TOTAL (16 credits)**

## YEAR 4

### Fall Semester
- General Elective (3 credits)
- Minor Course (3 credits)
- General Capstone (3 credits)
- GEOG Science (3 credits)
- GEOG Human (3 credits)
- General Elective (1 credit)

**TOTAL (16 credits)**

### Spring Semester
- GEOG 418 – Geographic Thought (Major Capstone) (3 credits)
- GEOG Method (3-4 credits)
- GEOG Human (3 credits)
- Minor Course (3 credits)
- General Elective (4 credits)

**TOTAL (16 - 17 credits)**