

GEOGRAPHY MAJOR CHECKSHEET

**For Students Beginning
Fall 2012 and Later**

B.A. _____
B.S. _____

Name: _____

UO ID: _____

E-mail Address: _____

Phone: _____

Transfer: NO YES

From: _____

Math courses (for B.S.) ; _____ or,

Language (for B.A.) _____

Questions may be directed to the Undergraduate Advisor, Dr. Leslie McLees, at geogadvr@uoregon.edu

Geography Major Requirements

The Geography major requires a minimum of 52 credits in Geography (or specifically noted Environmental Studies or Math) courses. At least 10 courses (40 credits) must be taken in Geography core subjects and at least 3 elective courses are required in a chosen Geography track (12 credits). At least 9 Geography courses must be taken for a letter grade. A grade of C- or better is required in each course and a GPA of 2.25 or better is required in courses used for the major.

Geography Tracks

To achieve depth in a particular subfield of geography, electives are chosen within one of five tracks **Physical Geography; Environmental Geography; Culture, Politics and Place; Geographic Information Science; and Geographic Education**. It is also possible to create an independent track with the approval of a department advisor. Requirements for each track are on the reverse side of this page.

General Requirements for a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Geography

All Geography majors seeking a B.S. degree will be required to complete any math sequence that satisfies the University's math requirement for a B.S. degree. Math classes must be passed with a grade of at least C- or P. The optimal courses for the University's math requirement depend on one's track and focus; consult with an advisor.

All Geography majors seeking a B.A. degree must demonstrate proficiency in a second language either by passing the third quarter of a second-year university language course with a grade of C- or better or by an examination indicating an equivalent level of proficiency.

Honors in Geography

Students with GPAs of 3.6 or higher in courses used for the major, plus any other GEOG courses, earn Departmental Honors.

Geography Minor

To complete the Geography minor, students must take at least six courses (24 credits) in Geography, including one regional or techniques course, one upper-division physical course, and one upper-division human course. At least 16 credits must be taken for a letter grade and a grade of C- or better is required in all courses used for the minor.

Double Major

Many Geography students also complete another major. This may be done in any field of the student's choice. One of the most common double majors is Geography with Environmental Studies or Environmental Science. These make an excellent combination because they both offer grounding in the physical and human systems within which environmental issues are situated in a larger global context. A double major in Geography and Environmental Studies or Environmental Science will help deepen an understanding of earth's human and environmental systems. See <http://geography.uoregon.edu/department/undergrad/> for details.

Course Requirements - 13 courses (52 Credits are required)

Courses
Introductory: All three (3) introductory courses are required.
141 The Natural Environment
142 Human Geography
181 Our Digital Earth

Regional/Synthesis – 4 credits
Any one (1) of the following regional/synthesis courses:
201 World Regional Geography
202 Geography of Europe
204 Geography of Russia & Neighbors
205 Geography of Pacific Asia
208 Geography of the United States & Canada
209 Geography of Middle East & North Africa
214 Geography of Latin America
360 Watershed Science & Policy
470 Adv Geog of Euro-American Regions
471 North American Historical Landscapes*
475 Adv Geog of Non-Euro-American Regions
ENVS 201 Intro Environmental Studies: Social Sciences
ENVS 455 Sustainability (if taught by P. Walker)
ASIA 350 What is Asia? (if taught by D. Buck)

GIS/ Techniques - 8 credits
Any two (2) of the following techniques courses:
481 GIScience I
482 GIScience II
485 Remote Sensing I
486 Remote Sensing II
490 Topics in GIS
491 Advanced Geographic Information Systems
493 Advanced Cartography
495 Geographic Data Analysis

*A single course may be used for only one core requirement or track.
Course number changes starting Fall 2012: GEOG 311 becomes 481;
GEOG 411 becomes 493; GEOG 415 becomes 497; GEOG 416 becomes 482;
GEOG 417 becomes 495; GEOG 418 becomes 485; and GEOG 472 becomes 491.

Track Electives—check one of the following:

Note that GEOG 407 and 410 or other upper division classes with advisor approval may also count towards track electives. Check with an advisor to see if a particular class qualifies.

- PHYSICAL GEOGRAPHY (B.S.):** PHYS 101, 102 or 201, 202; CHEM 111 or 221 and any three of GEOG 421, 422, 423, 425, 427, 430, 432, 433.
- ENVIRONMENTAL GEOGRAPHY (B.A. or B.S.):** Any three of GEOG 421, 422, 423, 425, 427, 430, 432, 433, 461, 463, 465, 466, 467, or ENVS 450 or ENVS 455 (if taught by P. Walker)
- CULTURE, POLITICS and PLACE (B.A.):** Any three of GEOG 441, 442, 443, 444, 445, 448, 461, 463, 465, 466, 467, 471, ENVS 450, ENVS 455, ASIA 425, ASIA 480.
- GEOGRAPHIC INFORMATION SCIENCE (B.S.):** Any three of GEOG 482, 485, 486, 490, 491, 493, 495.
- GEOGRAPHIC EDUCATION (B.S. with foreign language recommended; B.A. accepted):** Any three of GEOG 409 (must be advisor-approved), 442, 443, 445, 461, 465, 467, 471, or other upper-division courses with advisor approval.

Comments/Transfer Courses: _____

Physical – 8 credits
Any two (2) of the following physical geography courses:
321 Climatology
322 Geomorphology
323 Biogeography
361 Global Environmental Change
421 Advanced Climatology
422 Advanced Geomorphology
423 Advanced Biogeography
425 Hydrology & Water Resources
427 Fluvial Geomorphology
430 Long-Term Environmental Change
432 Climatological Aspects of Global Change
433 Fire & Natural Disturbance
Other

Human – 8 credits
Any two (2) of the following human geography courses:
341 Population and Environment
342 Geography of Globalization
343 Society, Culture and Place
441 Political Geography
442 Urban Geography
443 Global Migration
444 Cultural Geography
445 Culture, Ethnicity and Nationalism
448 Tourism and Development
461 Environmental Alteration
463 Geography, Law and the Environment
465 Environment and Development
466 Gender and Environment
467 International Water Policy
468 Contemporary Food Systems
471 North American Historical Landscapes*
ENVS 450 Political Ecology (if taught by P. Walker)
ENVS 455 Sustainability (if taught by P. Walker)
ASIA 425 Asian Foodways (if taught by D. Buck)
ASIA 480 Chinese Economy (if taught by D. Buck)
Other

Track Electives -12 credits (3 classes)
Three (3) 400-level 4 credit courses must be taken. (GEOG 403 & 405 do not meet this requirement.)