

GEOSCIENCES MAJOR, BACHELOR OF ARTS (BA)

Required Core

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| GEOG 321 | GEOGRAPHIC INFORMATION SYSTEMS I: SPATIAL ANALYSIS FOR SOCIAL SCIENCES | 5 |
| or GEOG 323 | GEOGRAPHIC INFORMATION SYSTEMS I: SPATIAL ANALYSIS FOR ENVIRONMENTAL SCIENCES | |
| GEOS 111 | THE EARTH'S INTERIOR | 5 |
| GEOS 112 | THE EARTH'S SURFACE | 5 |
| GEOS 113 | THE EARTH'S CLIMATE AND WEATHER | 5 |
| GEOS 200 | GLOBALIZATION AND THE ENVIRONMENT | 5 |
| GEOS 460 | GEOSTATISTICS | 4 |
| GEOS 497 | WORKSHOP, SHORT COURSE, CONFERENCE, SEMINAR (variable title and credits) | 1 |

Choose one of the following Concentrations and Capstone 45

Please note that 60 credits of 300 or 400-level courses are required for graduation.

Geosciences

In consultation of faculty advisor, take at least 45 credits (at least 35 must be taken at the 300- or 400 level, including capstone) of GEOG, GEOL, or GEOS credits of electives.

All GEOG/GEOL/GEOS courses are possible electives to satisfy this concentration

Capstone

GEOL 490A SENIOR CAPSTONE: WATER AND THE WEST,
WATER RESOURCE ENGINEERING IN ARID LANDS
or GEOL 490B CAPSTONE: ENVIRONMENTAL GEOCHEMISTRY

Climate Change and Environmental Justice

GEOG 201 RESEARCH METHODS
GEOG 204 HOT EARTH: PEOPLE AND CLIMATE CHANGE
GEOG 230 WORLD GEOGRAPHY
GEOG 317 RESOURCES AND CONSERVATION
GEOG 352 ENVIRONMENTAL JUSTICE
GEOG 450 RESOURCES AND MANAGEMENT

Electives—choose at least 10 additional approved GEOG, GEOL, or GEOS credits at 300–level or above, or PLAN 376, PLAN 430, or PLAN 442

All GEOG/GEOL/GEOS courses are possible electives to satisfy this concentration—check with your advisor.

Capstone

GEOG 490 THE GEOGRAPHER'S CAPSTONE

Total Credits 75

University Competencies and Proficiencies

English (<http://catalog.ewu.edu/undergraduate-degree/#newitemtext>)
Quantitative and Symbolic Reasoning (<http://catalog.ewu.edu/undergraduate-degree/#mathcompproficiencies>)
Placement and Clearance Exams (<http://catalog.ewu.edu/placement/>)
Prior Learning/Sources of Credit AP, CLEP, IB (<http://catalog.ewu.edu/prior-learning/>)

General Education Requirements (<http://catalog.ewu.edu/undergraduate-degree/#generaleducationrequirements>) (GER)

- Minimum Credits—180 cumulative credit hours
 - 60 upper-division credits (300 level or above)
 - 45 credits in residence (attendance) at Eastern, with at least 15 upper-division credits in major in residence at Eastern
- Minimum Cumulative GPA ≥ 2.0

Breadth Area Core Requirements (<http://catalog.ewu.edu/undergraduate-degree/#generaleducationcorerequirements>) (BACR)

Humanities and Arts (<http://catalog.ewu.edu/undergraduate-degree/#humanitiesandfinearts>)
Natural Sciences (<http://catalog.ewu.edu/undergraduate-degree/#naturalsciences>)
Social Sciences (<http://catalog.ewu.edu/undergraduate-degree/#socialsciences>)

University Graduation Requirements (<http://catalog.ewu.edu/undergraduate-degree/#universitygraduationrequirements>) (UGR)

Diversity Course List (<http://catalog.ewu.edu/undergraduate-degree/#cultureandgenderdiversity>)
Foreign Language (<http://catalog.ewu.edu/undergraduate-degree/#foreignlanguage>) (for Bachelor of Arts)
Global Studies Course List (<http://catalog.ewu.edu/undergraduate-degree/#internationalstudies>)
Minor or Certificate (<http://catalog.ewu.edu/undergraduate-degree/#majorminororcertificate>)
Senior Capstone Course List (<http://catalog.ewu.edu/undergraduate-degree/#capstonecourselist>)

All admitted students must officially Declare a Major (<https://inside.ewu.edu/center-for-academic-advising-and-retention/academic-planning-tools/declare-your-major/>) by the time they reach 90 credits (junior standing).

Application for Graduation (use EagleNET (<https://inside.ewu.edu/eaglenet/>)) must be made at least two terms in advance of the term you expect to graduate (undergraduate and post-baccalaureate).

Use the Catalog Archives (<https://catalog.ewu.edu/archives/>) to determine two important catalog years (<http://catalog.ewu.edu/undergraduate-degree/#activecatalogrule>).

SOAR (<https://soar.ewu.edu/selfservice/general/home.html>) calculates based on these two catalog years.

1. The catalog *in effect at the student's first term* of current matriculation is used to determine **BACR** (Breadth Area Credit Requirements) and **UGR** (Undergraduate Graduation Requirements).
2. The catalog *in effect at the time the student declares a major or minor* is used to determine the program requirements.