The Bachelor of Arts serves students interested in geology-oriented fields which do not require the full range of professional training. Employment opportunities include such varied possibilities as park naturalist, urban and regional planner, or geological technician.

**Major:** Geology - 65-72 credits

**Required Courses:** 31 - 37 credits
- GEOL 120 Physical Geology - The Solid Earth (5)
- GEOL 121 Physical Geology - Surficial Processes (5)
- GEOL 122 Historical Geology (5)
- GEOL 311 Earth Materials (4)
- GEOL 312 Crystallography and Optical Mineralogy (4)
- GEOL 313 Igneous and Metamorphic Petrology (4)
- GEOL 490 Senior Capstone: Geol Field Camp (10) OR
- GEOL 490 Senior Capstone: Water and the West (4) OR
- GEOL 491 Senior Thesis (4)

**Required Supporting Courses:** 10 credits
- CHEM 151 General Chemistry (5)
- CHEM 152 General Chemistry (5)
- Choose one from the following:
  - BIOL 171 Biology I (4)
  - GEOG 328 Geographic Information Systems I (5)
  - GEOG 410 Geomorphology (5)
  - MATH 161 Calculus I (5)
  - MATH 380 Elementary Probability and Statistics (5)
  - PHYS 131 Introductory Physics I (4) AND
  - PHYS 161 Mechanics Laboratory (1)

**Electives:** 20 elective credits required
- GEOL 220 Environmental geology (4)
- GEOL 330 Structural Geology I (4)
- GEOL 331 Structural Geology II (4)
- GEOL 360 Geologic Hazards (4)
- GEOL 408 Invertebrate Paleontology (4)
- GEOL 411 Sedimentology and Stratigraphy (4)
- GEOL 470 Hydrogeology (4)
- Geology field course (up to 5 credits)

**Note:** Two years of a single high school foreign language or one year of a single foreign language at college level is required for this major. Grade requirement—2.0 in each course; 2.5 cumulative average.

**University graduation requirement:** 60 credits upper division

For further information, contact:
Undergraduate Adviser
Department of Geology
Eastern Washington University
130 Science Building
Cheney, Washington 99004
(509) 359-2286

For general information regarding admission to the University, write to:
Director of Admissions
Eastern Washington University
101 Sutton Hall
Cheney, Washington 99004
(509) 359-2397
**BACHELOR OF ARTS IN GEOLOGY**  
**SAMPLE FOUR-YEAR PLAN**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>F</th>
<th>W</th>
<th>S</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
<td></td>
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<tr>
<td>GEOL 120, 121, 122</td>
<td>5</td>
<td>5</td>
<td>5</td>
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<tr>
<td>GECRs (2)</td>
<td></td>
<td>10</td>
<td></td>
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<tr>
<td>ENGL 201&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>5</td>
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<tr>
<td>Math proficiency (or MATH 161 or 380 as supporting course)</td>
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<td></td>
<td></td>
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<tr>
<td>CHEM 151, 152</td>
<td>5</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CPLA 101</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS</strong></td>
<td>15</td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

**Second Year**

| GEOL 311, 312, 313 | 4 | 4 | 4 |
| GECRs (3) | 5 | 5 | 5 |
| Foreign language (or two years high school) | 5 | 5 | 5 |
| **TOTAL CREDITS** | 15 | 15 | 15 |

**Third Year**

| GEOL electives (4) | 8 | 4 | 5 |
| International studies/Cultural diversity | 4 | | 5 |
| Non-required courses of your choice (3) | | 8 | 4 |
| Additional supporting course | | | 4 |
| **TOTAL CREDITS** | 12 | 16 | 14 |

**Fourth Year**

| GEOL upper division electives | 4 |
| ITGS 400 | 4 |
| Non-required courses of your choice (3) | 5 | 5 | 5 |
| **TOTAL CREDITS** | 13 | 5 | 5 |

**FOUR-YEAR TOTAL**  
(minimum credits)  
156*<sup>1</sup>

<sup>1</sup>Presumes student has met the requirements for ENGL 101.  
*The University requires 180 credits minimum to graduate; 60 credits at the upper division level.

**KEY:**  
F = Fall Quarter  
W = Winter Quarter  
S = Spring Quarter