## Geology Major Requirements (Bachelor of Science) – Catalog Year 2013

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<td><strong>16</strong></td>
<td><strong>8 hours of Chemistry and 8 hours of Physics</strong>&lt;br&gt;☑ CHEM 1103/1101L University Chem I&lt;br&gt;☑ CHEM 1123/1121L University Chem II&lt;br&gt;And&lt;br&gt;☑ PHYS 2013/2011L College Physics I&lt;br&gt;☑ PHYS 2033/2031L College Physics II&lt;br&gt;OR&lt;br&gt;☑ PHYS 2054 University Physics I&lt;br&gt;☑ PHYS 2074 University Physics II</td>
<td><strong>8</strong></td>
<td><strong>Mathematics</strong>&lt;br&gt;☑ MATH 2554C Calculus I&lt;br&gt;☑ MATH 2564C Calculus II</td>
<td><strong>40</strong></td>
<td><strong>Geology and Geography</strong>&lt;br&gt;☑ GEOL 1113/1111L General Geology Or&lt;br&gt;☑ GEOL 3002 Geology for Engineers&lt;br&gt;☑ GEOL 1133/1131L Environmental Geology&lt;br&gt;☑ GEOL 2313 Rocks &amp; Minerals&lt;br&gt;☑ GEOL 3413 Sedimentary Rocks &amp; Fossils&lt;br&gt;☑ GEOL 3514 Structural Geology&lt;br&gt;☑ GEOL 4063 Principles of Geochemistry Or&lt;br&gt;☑ GEOL 4433 The Solid Earth&lt;br&gt;☑ GEOL 4223 Stratigraphy and Sedimentation&lt;br&gt;☑ GEOL 4863 Geological Data Analysis&lt;br&gt;☑ GEOL 4924 Earth System History&lt;br&gt;☑ GEOG 3383 Principles of Landscape Evolution</td>
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| **9** | **GEO or GEOS Advanced Electives (3000+)**<br>☑ __________ __________<br>☑ __________ __________<br>☑ __________ __________<br>☑ __________ __________<br>☑ __________ __________ | **3** | **Upper Level Science**<br>As approved by advisor | **6** | **World Language**<br>Elementary II (1013) level or higher in a single language.<br>☑ __________ __________ | **Electives (to meet the 120 hour minimum Graduation Requirement)**<br>☑ No graduation credit is awarded for a world language 1003 course to students continuing with the language taken in high school (See 2013-2014 Catalog of Studies) | **For more information, contact the Department of Geosciences:**<br>☑ Ozark Hall 113<br>☑ (479)-575-3355<br>☑ www.uark.edu/depts/geology/ | **Requirements for Departmental Honors in Geology:** The Departmental Honors Program in Geology provides upper-division undergraduate students with an opportunity to formally participate in geologic research activities. Honors candidates carry out independent study and research under the guidance of the geology faculty. Outstanding student achievement will be recognized by awarding the distinction “Geology Scholar Cum Laude” at graduation. Higher degree distinctions may be awarded to truly outstanding students based upon the whole of their academic program and quality of honors research.

Honors candidates in geology must do the following:

- Satisfy departmental and college requirements for a bachelor’s degree with honors,
- Become a candidate no later than the second semester of their junior year,
- Enroll in six hours of honors research GEOL 3901, GEOL 3911, GEOL 4922, GEOL 4932,
- Take 12 hours in Honors Studies, which may include 6 hours of thesis,
- Complete junior and senior honors courses GEOL 3901, GEOL 3911, GEOL 4922, GEOL 4932, and
- Achieve a cumulative grade-point average of 3.30 in geology courses.