**GEOLOGY, BSLAS**

*for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Geology (Sciences & Letters)*

**Departmental Distinction:** Students majoring in Geology can earn distinction, high distinction, and highest distinction upon graduation. The requirements for these awards are:

**Distinction:** A minimum cumulative grade point average of 3.3, and have also completed an approved independent study project, approved senior thesis, or approved capstone

**High Distinction:** A minimum cumulative grade point average of 3.5, and have also completed an approved independent study project, approved senior thesis, or approved capstone

**Highest Distinction:** A minimum cumulative grade point average of 3.7, and also completed an approved senior thesis or approved research capstone

**General education:** Students must complete the [Campus General Education](https://courses.illinois.edu/gened/DEFAULT/DEFAULT/) requirements including the campus general education language requirement.

**Minimum required major and supporting course work:** Minimum required course work normally equates to 47-52 hours including at least 26 hours in Geology. Twelve hours of 300- and 400-level in the major must be taken on this campus.

**Minimum hours required for graduation:** 120 hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 107</td>
<td>Physical Geology (Students who decide to follow the curriculum after first taking GEOL 100 should enroll in GEOL 208. GEOL 100 will be accepted as a substitute for GEOL 107, but students should be aware that these courses are not intended for science majors.)</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 208</td>
<td>History of the Earth System</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry Lab I</td>
<td>1</td>
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Select one of the following MATH courses: (An introductory Statistics course, e.g., STAT 100, SOC 280, ECON 202, or a second semester of Calculus is recommended)

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>MATH 220</td>
<td>Calculus</td>
<td>4-5</td>
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<tr>
<td>or MATH 221</td>
<td>Calculus I</td>
<td></td>
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<tr>
<td>MATH 234</td>
<td>Calculus for Business I</td>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 105</td>
<td>General Chemistry Lab II</td>
<td>1</td>
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<tr>
<td>PHYS 101</td>
<td>College Physics: Mech &amp; Heat</td>
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<tr>
<td>or PHYS 211</td>
<td>University Physics: Mechanics</td>
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<tr>
<td>GEOL 411</td>
<td>Structural Geol and Tectonics</td>
<td>4</td>
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<tr>
<td>GEOL 417</td>
<td>Geol Field Methods, Western US (GEOL 417 is a summer field course taught off campus.)</td>
<td>6</td>
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<tr>
<td>GEOL 432</td>
<td>Mineralogy and Mineral Optics</td>
<td>4</td>
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<td>GEOL 436</td>
<td>Petrology and Petrography</td>
<td>4</td>
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<tr>
<td>GEOL 440</td>
<td>Sedimentology and Stratigraphy</td>
<td>4</td>
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<tr>
<td></td>
<td>Three to four hours of advanced Geology or cognate science elective</td>
<td>3-4</td>
</tr>
</tbody>
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*Information listed in this catalog is current as of 07/2022*