### Year 1

<table>
<thead>
<tr>
<th>Course #</th>
<th>Title</th>
<th>Cr.</th>
<th>Course #</th>
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<tbody>
<tr>
<td>GEOL 101</td>
<td>Physical Geology</td>
<td>4</td>
<td>GEOL 102</td>
<td>Hist. Geol. (sp even) or Inst. Req. (Core 4) or GEOL 311**</td>
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<td>CHEM 103</td>
<td>Gen. Chem. I (fa only, Core 1)</td>
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<td>CHEM 104</td>
<td>Gen. Chem. II (sp only, Core 5)</td>
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<td>ENG 101</td>
<td>Composition I (Core 2)</td>
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<td>ENG 102</td>
<td>Composition II (Core 6)</td>
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<td>CORE/CCI*</td>
<td>Inst. Requirement (Core 3)</td>
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<td>Inst. Requirement (Core 7)</td>
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### Year 2

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<tbody>
<tr>
<td>GEOL 311</td>
<td>Mineralogy** or Inst. Req. (Core 4 or 9)</td>
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<td>GEOL 312</td>
<td>Ign. &amp; Metamor. Petrology (sp even) or GEOL 401 (sp odd)</td>
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<tr>
<td>GEOL 313</td>
<td>Sedimentary Petrology (fa even) or GEOL 309 (fa odd)</td>
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<td>CORE</td>
<td>Inst. Req. (Core 4 or 9) or GEOL 102 (sp even) or GEOL 311**</td>
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<tr>
<td>MATH 205</td>
<td>Calc. I (fa only, Core 10) or MATH 201 (sp only, Core 10)</td>
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<td>MATH 206</td>
<td>Calc. II (sp only) or MATH 202 (sp only)</td>
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<td>CORE</td>
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<td>Inst. Requirement (Core 12)</td>
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### Year 3

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<tbody>
<tr>
<td>GEOL 309</td>
<td>Geomorphology (fa odd) or GEOL 313 (fa even)</td>
<td>4</td>
<td>GEOL 401</td>
<td>Structural Geology (sp odd) or GEOL 312 (sp even)</td>
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<tr>
<td>CORE</td>
<td>Inst. Requirement (Core 4 or 9) or GEOL 311**</td>
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<td>GEOL</td>
<td>GEOL 275+429 (sp odd) or GEOL 403 (sp odd) or GEOL 497 or GEOL 311** or Gen. Elective</td>
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<tr>
<td>PHYS 205</td>
<td>University Physics (fa only) or PHYS 201 (fa only)</td>
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<td>PHYS 206</td>
<td>University Physics (sp only) or PHYS 202 (sp only)</td>
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### Year 4

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<tbody>
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<td>ELECTIVE</td>
<td>Nat. Sci., MATH, or CS elective if needed to reach 60 hrs in major</td>
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<td>GEOL</td>
<td>GEOL 275+429 (sp odd) ,or GEOL 403 (sp odd) or GEOL 497 or General Elective</td>
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<td>CORE</td>
<td>Inst. Requirement (Core 15)</td>
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<td>ELECTIVE</td>
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<td>ELECTIVES</td>
<td>General Electives as needed to fulfill required credit hrs</td>
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<td>ELECTIVE</td>
<td>General Electives as needed to fulfill required credit hrs</td>
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120 total credit hours required for degree

Important information continues on page 2 of this curriculum guide.

*The Critical Cultural Inquiry (CCI) requirement can be completed by either one value-added foreign language course, an approved study-away or study abroad experience, or one CCI course. One slot should be allotted for CORE/CCI, but students completing the requirement with study abroad, can substitute an elective if necessary to reach 120 hours. If students are continuing a language study, it is preferable to take the course during the first semester of the first year.*
**GEOL 311 offered every third semester beginning fall 2019. See your academic advisor for details.

Students planning to attend graduate school should plan on conducting an independent research project (GEOL 497) during their four years, or alternately participate in a summer research program. Develop a plan for this with your academic advisor.

Special Note: The major in Geology is being discontinued by Ashland University. This major will not be available for students entering in fall 2021-2022 and beyond. New incoming students which start in Fall 2020 will have this complete academic major program and its courses delivered to them so that the student may complete the degree with this major. Elective courses in the major may be reduced during this period of teaching out the major. Other students who are subject to the standards and requirements of this 2020-2021 Catalog may only change their major to this major which is being discontinued until the last day of the Fall 2020 semester.