# Geology

## Emphasis of Study

### Associate of Science – 60 Credit Hours

<table>
<thead>
<tr>
<th>Zone 1: Foundation Courses</th>
<th>Sector A: Written and Oral Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ ENGL 1204 or ENGL 1209</td>
<td>English Composition I or English Composition I with Review</td>
</tr>
<tr>
<td>☐ ENGL 1206</td>
<td>English Composition II</td>
</tr>
<tr>
<td>☐ COMM 1200 or COMM 1230</td>
<td>Interpersonal Communications or Public Speaking</td>
</tr>
</tbody>
</table>

**Sector B: Mathematical Reasoning**  
See General Education List and Advisor for Transfer Information

- ☐ College Level Mathematics | 3 |

**Sector C: Technological Skills**  
See General Education List and Advisor for Transfer Information

- ☐ | 3 |

**Sector D: Global Issues and Diversity***  
See General Education List and Advisor for Transfer Information

- ☐ | 3 |

**Total** | 18 |

*A course in Zone 1, Sector D Global Issues and Diversity could apply and meet the requirement in the appropriate Sector in Zone 2. It is possible to achieve the requirements of Zone 1 with 15 credit hours.

### Zone 2: Introductory Courses  
Six classes, at least one from each area, minimum of 18 and maximum of 24 credit hours.

<table>
<thead>
<tr>
<th>Sector A: Arts and Humanities</th>
<th>See General Education List and Advisor for Transfer Information</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

**Sector B: Social Sciences**  
See General Education List and Advisor for Transfer Information

- ☐ |  |
| ☐ |  |
| ☐ |  |

**Sector C: Mathematics and Pure Science**  
One lab science required. See General Education List and Advisor for Transfer Information

- ☐ |  |
| ☐ |  |
| ☐ |  |

**Sector D: Personal Well-Being**  
Restricted to two credits in PHED or HLTH. See General Education List and Advisor for Transfer Information

- ☐ |  |
| ☐ |  |

**Total** | 24 |

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### Geology
### Emphasis of Study

<table>
<thead>
<tr>
<th>Zone 3: Emphasis Requirements and Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Depending upon choices in Zones 1 and 2, the credit hours in Zone 3 could vary between 18 and 27.</strong></td>
</tr>
</tbody>
</table>

#### Sector A: Emphasis Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1826 or MATH 1828</td>
<td>College Algebra</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1830</td>
<td>Trigonometry</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Sector B: Emphasis Electives

- **AGRI 1100** Agriculture in Our Society 3
- **CHEM 1802** Fundamentals of General Chemistry 3
- **CHEM 1806** College Chemistry I 5
- **CHEM 1808** College Chemistry II 5
- **CHEM 1814** Organic Chemistry I 5
- **CHEM 1816** Organic Chemistry II 5
- **EDUC 1128** Foundations of Modern Education 3
- **EDUC 1134** Educational Field Experience 2
- **EDUC 1142** Into to Instructional Technology 3
- **LIFE 1402** Principles of Biology 5
- **LIFE 1406** Principles of Botany 5
- **LIFE 1408** or **LIFE 1407** Anatomy and Physiology 5
- **LIFE 1409** Anatomy and Physiology II 4
- **LIFE 1410** Principles of Zoology 5
- **LIFE 1412** Principles of Microbiology 5
- **LIFE 1422** Pathophysiology 4
- **MATH 1832** Analytic Geometry-Calculus I 5
- **MATH 1834** Analytic Geometry-Calculus II 5
- **MATH 1836** Analytic Geometry-Calculus III 3
- **PHSC 1402** Introduction to Geology 3
- **PHYS 1600** Physics I 5
- **PHYS 1602** Physics II 5
- **PHYS 1604** Engineering Physics I 5
- **PHYS 1606** Engineering Physics II 5
- **PRGM 1007** Foundations of Computer Science 3
- **PRGM 1033** Web Programming 3
- **PRGM 1037** Computer Science I 4
- **PRGM 1038** Computer Science II 3
- **PRGM 1039** Object Oriented Java Programming 3
- **PSYC 1000** General Psychology 3
- **PSYC 1014** Developmental Psychology 3

**Student Name:** __________________  **ID#:** ____________  **Placement Scores:** __English__ __Math__ __Reading__
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1130</td>
<td>Death and Dying ☑</td>
<td>3</td>
</tr>
<tr>
<td>STAT 1829</td>
<td>Elements of Statistics and</td>
<td>3</td>
</tr>
<tr>
<td>STAT 1827</td>
<td>Elements of Statistics Lab</td>
<td>0-1</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 1840</td>
<td>Business and Economic Statistics I ☐</td>
<td>3</td>
</tr>
</tbody>
</table>

**Sector C: Other Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
</table>

**Total** 18

**Legend for recommended Emphasis Electives**

- ☐ Architecture
- ☐ Architectural Engineering
- ☐ Biology
- ☐ Chemistry
- ☐ Computer Info Systems
- ☐ Computer Science
- ☐ Engineering
- ☐ Engineering Tech
- ☐ Geology
- ☐ Mathematics
- ☐ Mathematics Education
- ☐ Veterinary Medicine
- ☐ Wildlife Science
- ☐ Mortuary Science
- ☐ Physical Science
- ☐ Physics
- ☐ STEM Education
- ☐ Veterinary Medicine
- ☐ Wildlife Science

**Student Name:** ______________________  **ID#:** __________  **Placement Scores:** ___English ___Math ___Reading