Welcome to Great Basin College

Science

Associate of Science — Geosciences
(Pattern of Study)

Student Learning Outcomes
The geosciences pattern of study is for students planning on transferring to a college or university that offers a bachelor's degree in geology or a related field of science. With careful selection of electives for the AS degree, students may also find opportunities for employment as technicians within the mining industry, environmental consulting firms, or some state and federal agencies. To best prepare for transfer of this degree to a bachelor's program, students should first visit with the geosciences faculty advisor at GBC, then work to create a schedule in coordination with the catalog requirements of the college into which the student wishes to transfer. The proper selection of classes will affect the efficiency of how well the degree will transfer, or how well it will assist in obtaining employment.

Upon completion of the program students will earn an AS degree and ability to:

- Describe the fundamental principles of the Geosciences.
- Transfer to a four-year program in the physical or earth sciences or work as a technician in jobs requiring geosciences technicians.

General Education Requirements

<table>
<thead>
<tr>
<th>GBC Orientation</th>
<th>Communications</th>
<th>Mathematics</th>
<th>Science</th>
<th>Social Science</th>
<th>Humanities</th>
<th>Fine Arts</th>
<th>Technology</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>6</td>
<td>5-8</td>
<td>13*</td>
<td>6</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>16-17</td>
</tr>
</tbody>
</table>

*SUGGESTED COURSE SEQUENCE
AS—Geosciences

FALL—1st Semester
INT 100 0.5
CHEM 121 4
ENG 100 or 101 3
GEOL 101 4
MATH 126 or 181 3-4
TOTAL 14.5-15.5

SPRING—2nd Semester
CHEM 122 4
ENG 102 3
GEOL 102 4
MATH 127 or 182 3-4
TOTAL 14-15

FALL—3rd Semester
PHYS 151 or 180 4
ELECTIVE or MATH 181** 3-4
HUMANITIES 3
SOCIAL SCIENCE* 3
TECHNOLOGY (GIS 109)** 3
TOTAL 16-17

SPRING—4th Semester
FINE ARTS* 3
PHYS 152 or 181 4
SOCIAL SCIENCE 3
ELECTIVE or MATH 182** 3-4
ELECTIVE** 3
TOTAL 16-17

Refer to page 81. Minimum Credits: 60.5

*Select from page 74. **Select with advisor.