Program Student Learning Outcome Statement:

- Students will have basic knowledge and understanding of the content of modern geology. Specifically, they will be able to explain the nature of tectonic forces in the Earth's crust and their effects on most geological processes, understand and be able to explain geologic time and fossil record, and understand and be able to explain basic surficial processes and human interrelationships with Earth's surface.

- Students will acquire knowledge and demonstrate skills to collect and analyze Earth's minerals and rocks. Specifically, they will demonstrate the skills necessary to gather and interpret field and other types of geologic data, identify samples of basic mineral and rock material found on Earth's surface, understand and be able to explain the basic physical and chemical attributes of Earth's minerals and rocks, and explain how Earth's basic minerals and rocks form chemically and physically.

- Students will understand the philosophical, mathematical and physical science foundations of geology. Specifically, they will demonstrate a basic understanding of the physical science foundations of geology.

**REQUIRED CORE: (27 UNITS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 100</td>
<td>Principles of Geology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 101</td>
<td>General Geology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Dinosaurs and the Story of Earth</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 115L</td>
<td>Dinosaurs and the Story of Earth Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 200</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 210</td>
<td>General Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>MATH 250</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 251</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total units** 27

* Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center.
Program Student Learning Outcome Statement:
- Student will be able to identify and conduct comparative analyses within a regional, national, and global framework, the major concepts, relationships, issues, contributions, and paradigms that are basic to specific eras of history.

Complete 3 of the following 2-course sequences:

**FIRST SEQUENCE**
- HIST 100 American Civilization I (3)
- HIST 101 American Civilization II (3)

**SECOND SEQUENCE**
- HIST 104 Western Civilization I (3)
- HIST 105 Western Civilization II (3)

**THIRD SEQUENCE**
- HIST 106 World History I (3)
- HIST 107 World History II (3)

**FOURTH SEQUENCE**
- HIST 121 Comparative History of the Americas I (3)
- HIST 122 Comparative History of the Americas II (3)

**Required Core:** (6 units)
- HIST 100 American Civilization I (3)
- HIST 101 American Civilization II (3)

**List A: select two courses (6 units)**
- HIST 106 World History I (3)
- OR
- HIST 104 Western Civilization I (3)
- AND
- HIST 107 World History II (3)
- OR
- HIST 105 Western Civilization II (3)

**List B: select one course from each area (6–9 units)**

**Area 1:** (3–6 units)
- Any diversity course defined as:
  - A) World History to 1500 or World History Since 1500 if not used in List A.
  - OR
  - A non-western history course (any history course not pertaining to the US or Europe) articulated as fulfilling CSU GE Area C or D or IGETC Area 3 or 4.
  - OR
  - Any course from the humanities or social sciences (including history) that addresses any historically underrepresented group or non-western subject articulated as fulfilling CSU GE Area C or D or IGETC Area 3 or 4.

**Recommended Electives:**
- HIST 110, 111, 112, 113, 114, 141, 142.

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.

* Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center. See catalog TRANSFER COURSES INFORMATION section on page 45 for further information.

**ASSOCIATE IN ARTS FOR TRANSFER**

**History**
- **Student Transfer Achievement Reform (STAR) ACT (SB1440)**
- **Associate in Arts Degree Transfer Preparation * (Major Code: 01795)**

Some courses within this program may require additional coursework that must be completed prior to enrollment in these courses. Please consult the individual course listings for prerequisites and any other limitations on enrollment.
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