### GENERAL EDUCATION CORE REQUIREMENTS

**Competencies**

- Basic College Math
- Reading Comprehension
- Computer Literacy

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>3</td>
</tr>
<tr>
<td>SPC 101</td>
<td>3</td>
</tr>
<tr>
<td>SMS ____</td>
<td>.5</td>
</tr>
<tr>
<td>SMS ____</td>
<td>.5</td>
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</tbody>
</table>

**Distribution Sequences (18-20 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>+/− ___ (Lab Science I)</td>
<td>3-4</td>
</tr>
<tr>
<td>+/− ___ (Lab Science II)</td>
<td>3-4</td>
</tr>
<tr>
<td>HST 101</td>
<td>3</td>
</tr>
<tr>
<td>HST 102</td>
<td>3</td>
</tr>
</tbody>
</table>

**Distribution Electives (15 credits)**

Among the distribution electives, the student must earn at least 3 but no more than 9 additional semester hours in each of the three divisions.

- **Humanities (Division I)**
  - ___ __________
  - ___ __________
  - ___ __________

- **Science/Mathematics (Division II)**
  - ___ __________
  - ___ __________
  - ___ __________

- **Social Sciences (Division III)**
  - ___ __________
  - ___ __________
  - ___ __________

(Note: Courses allowable as distribution electives are marked DI, DII, or DIII in the College Catalog.)

### COURSES IN MAJOR (50-51 credits total)

**Major Core Courses (31 credits)**

- Gls 100 Physical Geology w/Lab 4
- Gls 201 Historical Geology 4
- Gls 210 Geomorphology 4
- Gls 221 Mineralogy 4
- Gls 322 Petrology 4
- Gls 334 Sedimentation & Stratigraphy 4
- Gls 341 Structural Geology & Tectonics 4
- Gls 353 Geochemistry 3

**Major Concentration Courses (10-11 credits)**

- Gls 212 Submarine Geology 3
- Gls 214 Coastal Geology 4

Choose one course from the following list:

- Gls 390 Paleontology 3-4
- Bio 322 Biological Oceanography OR
- Gph 285P Oceanography

**Major Capstone Courses (9 credits)**

- ✝ GLS 470 Field Geology
- ✝ GLS 485 Earth Science Study-Field Sem
- ✝ GLS 500 Senior Research in Geology 3

**Support Courses (12-16 credits total)**

Choose two courses from the following list:

- Mat 110 Precalculus 3
- Mat 220 Calculus I 4
- Mat 221 Calculus II 4
- Mat 247 Statistics 3

# And choose two courses from: Bio, Che, Phs, Mat, or Gph

**Free Electives (5 credits minimum)**

- ___ __________
- ___ __________
- ___ __________

* These are required support courses which may also be used to satisfy the indicated Distribution requirements. A student may choose to fulfill Distribution requirements with courses other than the ones listed, but these listed courses must still be taken.

Note: If a course is used to satisfy two or more requirements, (for example, a support course and a distribution elective), the credits are counted in only one place.

Using a course to satisfy more than one requirement does not reduce the total credits required for graduation.

+ Science sequence must be chosen from the following list: Bio 121/122, Bio 131/131, Che 120/121, Che 130/131. Che 130/212, Phs 101A/102A, Phs 211A/212A, PHS 221/222.

✝ 6 credits must be earned in any combination of Gls 470/485.

‡ Choose from: Gph 340, 343, or 446.

# Acceptable science electives can be substituted with permission of Department Chairperson.

Exceptions in the timing of courses will be made for transfer students.

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**Total minimum credits for graduation:** 120

Effective: 9/10

Salem State College