# 2-Year Planning Guides using Texas Common Course Numbers

## 2012-2013 Catalog

**Geology (General and Environmental options)**

### Bachelor of Science

#### TCCN CORE COURSES

<table>
<thead>
<tr>
<th>Course Description</th>
<th>SFA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication (12-13 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 1301 Rhetoric &amp; Composition</td>
<td>ENGL 131</td>
</tr>
<tr>
<td>ENGL 1302 Research &amp; Argument</td>
<td>ENGL 132</td>
</tr>
<tr>
<td>ENGL 2311 Techn &amp; Scientific Writing</td>
<td>ENGL 273</td>
</tr>
<tr>
<td>3-4 hrs from Note 1</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td><strong>Mathematics (6-8 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>MATH 2413 Calculus I</td>
<td>MTH 233</td>
</tr>
<tr>
<td>MATH 1342 Intro Prob &amp; Statistics</td>
<td>MTH 220</td>
</tr>
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<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td><strong>Natural Sciences (8 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>PHYS 1401 General Physics I</td>
<td>PHY 131</td>
</tr>
<tr>
<td>PHYS 1402 General Physics II</td>
<td>PHY 132</td>
</tr>
<tr>
<td>(Note 3)</td>
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<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td><strong>Visual and Performing Arts (3 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>3 hours of visual and performing arts (Note 4)</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td><strong>Humanities (3 hours)</strong></td>
<td></td>
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<tr>
<td>3 hours of humanities (Note 5)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td><strong>US/Texas History (6 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>HIST 1301 US History to 1877</td>
<td>HIS 133</td>
</tr>
<tr>
<td>HIST 1302 US History 1877 to Present</td>
<td>HIS 134</td>
</tr>
</tbody>
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<tr>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Political Science/Government (6 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>* GOVT 2305 American Govt</td>
<td>Note 6</td>
</tr>
<tr>
<td>* GOVT 2306 Texas Govt</td>
<td>Note 6</td>
</tr>
<tr>
<td>(Note 6)</td>
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<th>Course Description</th>
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<tbody>
<tr>
<td><strong>Social &amp; Behavioral Science (3 hours)</strong></td>
<td></td>
</tr>
<tr>
<td>3 hours of social &amp; behavioral science (Note 7)</td>
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</tbody>
</table>

### Foundations of Knowledge (11 hours) for both options:

<table>
<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td>CHEM 1411 General Chemistry I</td>
<td>CHE 133</td>
</tr>
<tr>
<td>CHEM 1412 General Chemistry II</td>
<td>CHE 134</td>
</tr>
<tr>
<td>NA No equivalent</td>
<td>CSC 101</td>
</tr>
</tbody>
</table>

*see advisor for approved BCIS/COSC substitution

### General and Environmental option requires:

<table>
<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td>GEOL 1403 Physical Geology</td>
<td>GOL 131</td>
</tr>
<tr>
<td>GEOL 1404 Historical Geology</td>
<td>GOL 132</td>
</tr>
<tr>
<td>NA No Equivalent</td>
<td>GOL 241</td>
</tr>
<tr>
<td>NA No Equivalent</td>
<td>GOL 242</td>
</tr>
</tbody>
</table>

### Environmental Option requires:

<table>
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<tbody>
<tr>
<td>Organic Chem (CHEM 2423) or MATH 2413</td>
<td></td>
</tr>
</tbody>
</table>

### Note 1

The remaining 3-4 hours can be from BUSI 2304; SPCH 1315,1318; FREN 1411,1412; SPAN 1411,1412; beginning foreign language; SPH 172,272. (Note 1 not required if Core is complete)

### Note 2

Environmental option may substitute MATH 1314 for MATH 2413.

### Note 3

Environmental option may choose BIOL 1411 and 1413 instead of PHYS 1401 and 1402.

### Note 4

Three hrs of visual/performing arts from XXX Core or: ARTS 1301,1303,1304; MUSI 1306; MHL 245; DRAM 1310; DANC 2303.

### Note 5

Three hours of humanities from XXX Core or: ENGL 2332,2333,2332,2332 or 2000-level Lit.

### Note 6

Three hrs of History or Texas history from XXX Core can be substituted. BOTH GOVT 2305 & 2306 ARE REQUIRED.

### Note 7

3 hrs from XXX Core or from: ANTH 2351; ECON 2301, 2302; GEOG 1303, GECO 230, PSYC 2301,2306; SOCI 1301,2319; EPS 380.

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This information, though accurate for this catalog, is subject to change without notice. For additional information contact: Office of Admissions (936)468-2504 or admissions@sfasu.edu.

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(936) 468-3701