### Chemistry – Physical Science Teacher Certification

2011 Catalog (SC-BS/CHEM/TPS/SCED)

College of Science and Engineering Undergraduate Advising Center

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

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**Chemistry – Physical Science Teacher Certification**

**Core courses must be completed:**

- **US 1100**
- **COMM 1310**
- **PFW**
- **ART/DAN/MU/TH 2313**
- **PFW**
- **PHIL 1305 or 1320**
- **ENG 1310**
- **ENG 1320**
- **HIST 1310**
- **HIST 1320**
- **POSI 2310**
- **POSI 2320**
- **ENG 2310-2360**
- **ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310**

**ENG 1310** recommend for first semester. **HIST 1310/1320** not recommended for first semester.

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### 2011 Catalog

<table>
<thead>
<tr>
<th>Freshman Fall Semester</th>
<th>Freshman Spring Semester</th>
<th>Freshman Summer 1</th>
<th>Freshman Summer 2</th>
<th>Sophomore Fall Semester</th>
<th>Sophomore Spring Semester</th>
<th>Junior Fall Semester</th>
<th>Junior Spring Semester</th>
<th>Senior Fall Semester</th>
<th>Senior Spring Semester</th>
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</thead>
<tbody>
<tr>
<td>7 hours of core courses</td>
<td>3 hours of core courses</td>
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<td></td>
<td>3 hours of core courses</td>
<td>6 hours of core courses</td>
<td>1 hours of core courses</td>
<td>3 hours of core courses</td>
<td></td>
<td>1 hour of core courses</td>
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<tr>
<td>PHYS 1430 (F,S)</td>
<td>PHYS 2425 (F,S)</td>
<td>PHYS 2435 (F,S)</td>
<td>PHYS 3312 (F,S)</td>
<td>PHYS 3411 (S)</td>
<td>12 hours of core courses (summer)</td>
<td></td>
<td>3-4 hours advanced CHEM electives Check prerequisites. Note: CHEM 4299 must be taken 2X to count for adv. elective.</td>
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<td>1 hour of core courses</td>
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<tr>
<td>MATH 2471 (F,S,S1)</td>
<td>MATH 2472 (F,S,S2)</td>
<td>CHEM 3330 (F)</td>
<td>CHEM 3340 (S)</td>
<td>CHEM 3431 (F)</td>
<td>CHEM 4341 (F)</td>
<td>CHEM 4325 (S)</td>
<td>CHEM 4231 (F)</td>
<td>CHEM 4241 (S)</td>
<td>CHEM 4295</td>
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<tr>
<td>CHEM 1341 (F,S,S1)</td>
<td>CHEM 1342 (F,S,S2)</td>
<td>CHEM 2341 (F,S,S1)</td>
<td>CHEM 2342 (F,S,S2)</td>
<td>CHEM 3410 (F,S,S1)</td>
<td>CHEM 4375 (F)</td>
<td>CHEM 4241 (F)</td>
<td>PHYS 4320 or 4321 (see dpt)</td>
<td>CHEM 4295</td>
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<tr>
<td>CHEM 1141 (F,S,S1)</td>
<td>CHEM 1142 (F,S,S2)</td>
<td>CHEM 2141 (F,S,S1)</td>
<td>CHEM 2142 (F,S,S2)</td>
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<td>CI 4332</td>
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<td>CI 4370</td>
<td>CI 4343</td>
<td>EDST 4681</td>
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Texas State University: San Marcos

Last revised: 8/1/2011