### Chemistry – Teacher Certification

2010 Catalog (BS – 411.25/239.00)
College of Science 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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<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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<tbody>
<tr>
<td>7 hours of core courses</td>
<td>3 hours of core courses</td>
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<td>3 hours of core courses</td>
<td>7 hours of core courses</td>
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<td>1-0 electives</td>
<td>4 hours of core courses</td>
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<tr>
<td>PHYS 1430 (F,S)</td>
<td>PHYS 2425 (F,S)</td>
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<td>MATH 2471 (F,S,S1)</td>
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<td>MATH 2472 (F,S,S2)</td>
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<td>CHEM 3330 (F)</td>
<td>CHEM 3340 (S)</td>
<td>CHEM 431 (F)</td>
<td>CHEM 4341 (S)</td>
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<td>CHEM 3245 (S)</td>
<td>CHEM 4231 (F)</td>
<td>CHEM 4241 (S)</td>
<td>CHEM 4375 (F)</td>
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<td>CHEM 3410 (F,S,S1)</td>
<td>CHEM 4295</td>
<td>CHEM 3325</td>
<td>CI 4370</td>
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<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>
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<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>CHEM 2341 (F,S,S1)</td>
<td>CHEM 2342 (F,S,S2)</td>
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<td>15 hours</td>
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<td>4 hours</td>
<td>4 hours</td>
<td>12 hours</td>
<td>14 hours</td>
<td>14 hours</td>
<td>12-14 hours</td>
<td>12 hours</td>
<td>6 hours</td>
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**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.**

Required WI courses: CHEM 3245, 4231, 4241

**KEY:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.  
- Arrows with dash lines are recommended prerequisite.
- Courses taught specific semesters are indicated with the following codes:
  - F-Fall
  - S-Spring
  - S1-Summer Session I
  - S2-Summer Session II

Additional information:
- Required WI courses: CHEM 3245, 4231, 4241
- ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.
- Check prerequisites for CHEM electives.
- CHEM 4299 must be taken twice to count for advanced elective.
- Core courses must be completed.

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