### Biology – Teacher Certification (Life Science)

#### 2010 Catalog (BS – 401.25/239.00)

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.

#### 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.

#### Key:

- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisite.
- Arrows indicate prerequisites.

Courses taught specific semesters are indicated with the following codes:

- F-Fall
- S-Summer Session I
- S1-Summer Session II
- S-Summer Session II

Required WI courses: BIO 4416
Additional WI courses: BIO 3308, 4420, 4446, 4454

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#### Chart

<table>
<thead>
<tr>
<th>Freshman Fall Semester</th>
<th>Freshman Spring Semester</th>
<th>Sophomore Fall Semester</th>
<th>Sophomore Spring Semester</th>
<th>Sophomore Summer 1</th>
<th>Sophomore Summer 2</th>
<th>Junior Fall Semester</th>
<th>Junior Spring Semester</th>
<th>Senior Fall Semester</th>
<th>Senior Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 hours of core courses</td>
<td>9 hours of core courses</td>
<td>3 hours of core courses</td>
<td>1 hour of core courses</td>
<td>6 hours of core courses</td>
<td>6 hours of core courses</td>
<td>3 hours of core courses</td>
<td></td>
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</tbody>
</table>

**Courses:***

- BIO 1430 (F,S)
- BIO 1431 (F,S)
- CHEM 1341 (F,S,S1)
- CHEM 1342 (F,S,S2)
- CHEM 1141 (F,S,S1)
- CHEM 1142 (F,S,S2)
- CHEM 2142 (F,S,S1)
- CHEM 2341 (F,S,S1)
- CHEM 2342 (F,S,S2)
- CHEM 2450 (F,S)
- CHEM 2410 (F)
- MATH 2321 (F,S,S1)
- MATH 2331 (F,S,S2)
- PHYS 1410 (F,S,S1)
- PHYS 1420 (F,S,S2)
- BIO 2400 (F,S)
- BIO 2400 (F,S)
- BIO 2411 (S)
- BIO 4416 (F,S,S2)
- CI 3325
- CI 4332
- CI 4337
- CI 4343
- RDG 3323
- EDST 4681

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