## BS – Computer Science/Applied math minor

2010 Catalog (BS: 422.20/421.00)

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**
- **ENG 1310**
- **ENG 1320**
- **HIST 1310**
- **HIST 1320**
- **PFW 2310**
- **PFW 2320**
- **ENG 2310-2360**

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.
- Courses taught specific semesters are indicated with the following codes:
  - **F-Fall**
  - **S-Spring**
  - **S1-Summer Session I**
  - **S2-Summer Session II**

### Required WI courses:

- CS 2315

### Additional WI courses:

- CS 3398, 4326; ENG 3311, ENG 3303

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### 2010 Catalog

<table>
<thead>
<tr>
<th>Freshman Fall Semester</th>
<th>Freshman Spring Semester</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>
</tr>
</thead>
<tbody>
<tr>
<td>1 hours of core courses</td>
<td>3 hours of core courses</td>
<td>HIST 1310</td>
<td>HIST 1320</td>
<td>3 hours of core courses</td>
<td>4 hours of core courses</td>
<td>3 hours of core courses</td>
<td>3 hours of core courses</td>
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<tr>
<td>US 1100</td>
<td>ENG 1320</td>
<td>PHIL 1305 or 1320</td>
<td>4 hours science from approved list</td>
<td>4 hours science from approved list</td>
<td>4 hours science from approved list</td>
<td>4 hours science from approved list</td>
<td>0-1 hours electives (as needed, see advisor)</td>
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<tr>
<td>ENG 1310</td>
<td></td>
<td>CS 2315 (F,S)</td>
<td></td>
<td>CS 2318 (F,S,S1)</td>
<td>CS 3398 (F,S,S1)</td>
<td>CS 4354 (F,S2)</td>
<td>CS 4354 (F,S2)</td>
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<tr>
<td>COMM 1310</td>
<td></td>
<td>CS 2420 (F,S)</td>
<td></td>
<td>CS 3399 (F,S,S1)</td>
<td>CS 3339 (F,S,S1)</td>
<td>Choose one project course: CS 3468 (F), CS 4326 (F), CS 3498 (S,S1) (check prerequisites)</td>
<td>3 hours CS advanced elective (check prerequisites)</td>
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<tr>
<td>CS 1428 (F,S,S1,S2)</td>
<td></td>
<td>CS 3358 (F,S,S2)</td>
<td></td>
<td>3 hours CS elective (check prerequisites)</td>
<td></td>
<td></td>
<td>3 hours advanced math for minor or one of the following: CS 3378, PHYS 3320, or IE 3320 (check prerequisites)</td>
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<tr>
<td>MATH 2358 (F,S,S1)</td>
<td></td>
<td>MATH 3398 (F,S,S2)</td>
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<td>3 hours advanced math for minor</td>
<td></td>
<td>3 hours advanced math for minor (check prerequisites)</td>
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<tr>
<td>MATH 2471 (F,S,S1)</td>
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<td>MATH 2472 (F,S,S2)</td>
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<td>Note: may be different if minor is not math</td>
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</table>

### 15 hours

16 hours

16 hours

15 hours

16 hours

17 hours

12-13 hours

12-13 hours

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