# BST – Engineering Technology: Civil Engineering (SC-BST/ET/CET)

**2016 Catalog year: College of Science and Engineering**

<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>
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</thead>
<tbody>
<tr>
<td>MATH 2471 Calculus I (F,S,Su)</td>
<td>MATH 2472 Calculus II (F,S,Su)</td>
<td>PHYS 1430 Mechanics (F,S)</td>
<td>PHYS 2425 Electricity &amp; Magnetism (F,S)</td>
<td>CSM 2160 Intro to Const Survey (F)</td>
<td>CS 1428 Foundations of Computer Science I (F,S,Su)</td>
<td>MGT 3303 Management of Organizations (F,S,Su)</td>
<td>CSM 4360 Instructor approval required (F,S)</td>
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<tr>
<td>CSM 2313 Architectural Design I (F,S,Su)</td>
<td>PHYS 2431 Thermodynamics (F,S)</td>
<td>CSM 2342 Construction Materials and Processes (F,S,Su)</td>
<td>TECH 2344 (F,S)</td>
<td>TECH 2345 Princ. Of Lean Systems (F,S)</td>
<td>CS 2175 Engineering Systems Design &amp; Analysis (F,S,Su)</td>
<td>TECH 4380 Industrial Safety (F,S,Su)</td>
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<tr>
<td>CHEM 1341 (F,S,Su) &amp; CHEM 1141 (F,S,Su) General Chemistry I</td>
<td>CHEM 1342 (F,S,Su) &amp; CHEM 1142 (F,S,Su) General Chemistry II</td>
<td>TECH 2351 Statics and Strength of Materials (F,S,Su)</td>
<td>TECH 2343 Power Technology</td>
<td>TECH 3363 Hy Civ &amp; Hvy Constr. (F,S)</td>
<td>CSM 3361 Commercial Construction Systems (F,S,Su)</td>
<td>CSM 4364 Construction Estimating (F,S,Su)</td>
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<tr>
<td>TECH 2190 Internship (Su)</td>
<td>TECH 2352 Strength of Materials (F,S,Su)</td>
<td>TECH 3365HV Concrete Prop Test (S)</td>
<td>TECH 2346 Commercial Construction Systems (F,S,Su)</td>
<td>CSM 3360 Construction Estimating (F,S,Su)</td>
<td>CSM 4380 Production &amp; Operations Management (F,S,Su)</td>
<td>MGT 4330 MGT 3303 also needed</td>
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<tr>
<td>CSM 3366 Soils &amp; Foundations (F,S,Su)</td>
<td>CSM 3366 Soils &amp; Foundations (F,S,Su)</td>
<td>PFW (major requirement)</td>
<td>IE 3320 Engineering Statistics</td>
<td>IE 3320 Engineering Statistics</td>
<td>TECH 3345</td>
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</table>

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

**Key:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught in specific semesters are indicated with the following codes: F-Fall, S-Spring.
- Summer Session I or II.
- Instructor approval required.

**Required WI courses:** CSM 4368, 4369, TECH 4380

**Core courses must be completed:**
- US 1100
- COMM 1310
- PHIIL 1320
- ENG 1310
- ENG 1320
- ENG 2310-2360
- HIST 1310
- HIST 1320
- ART/DAN/MU/TH 2313
- POSI 2310
- POSI 2320
- ECO 2301

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

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 and Engineering Undergraduate Advising Center for advising.