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

2018 Catalog year: College of Science and Engineering

**Freshman Fall semester**

- MATH 2471 Calculus I (F,S,Su)
- MATH 2472 Calculus II (F,S,Su)
- PHYS 1430 Mechanics (F,S)
- CHEM 1341 (F,S,Su)
- CHEM 1342 (F,S,Su)
- CHEM 1141 (F,S,Su)

**Freshman Spring semester**

- CSM 2313 Architectural Design I (F,S,Su)
- PHYS 2425 Electricity & Magnetism (F,S)
- CSM 2432 Construction Materials and Processes (F,S,Su)
- TECH 2344 (F,S) Power Technology
- TECH 2190 Internship (Su)

**Sophomore Fall semester**

For courses that require instructor approval, students must have completed:
- PHYS 1430
- CSM 2342
- MATH 2471
- CHEM 1341/1141
- TECH 2351 Statics and Strength of Materials (F,S,Su)
- TECH 2344 (F,S) Power Technology

**Sophomore Spring semester**

- CSM 2160 Intro to Constr. Survey
  - Instructor approval required (F,S)
- CSM 2342 Construction Materials and Processes (F,S,Su)
- TECH 3361 Commercial Construction Systems (F,S,Su)
- CSM 3360 Structural Analysis (F,S,Su)
- TECH 2190 Internship (Su)

**Junior Fall semester**

- CS 1428 Foundations of Computer Science I (F,S,Su)
- MGT 3303 Management of Organizations (F,S,Su)
- CSM 3361 Commercial Construction Systems (F,S,Su)
- TECH 3361 Construction Estimating (F,S,Su)
- TECH 2190 Internship (Su)

**Junior Spring semester**

- IE 3320 (F,S,Su) Engineering Statistics
- TECH 4380 Industrial Safety (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 4345 Princ. Of Lean Systems (F,S)

**Senior Fall semester**

- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)

**Senior Spring semester**

- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)
- TECH 3364 Production & Operations Management (F,S,Su)

**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
- Required WI courses: TECH 4380

**Core courses must be completed:**

- US 1100
- COMM 1310
- PHIL 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.

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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.

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