BS – Civil Engineering (126 hrs)

(Sc-BS/CE)

2019 Catalog year: College of Science and Engineering

Freshman
Fall semester
- US 1100

Spring semester
- ENG 1310
  - CHEM 1335
    - Engr Chemistry
  - CHEM 1141
    - Gen Chem Lab I

Sophomore
Fall semester
- ENG 1320
  - PHIL 1320
  - CE 3320
    - Env Engr
  - PHYS 2425
    - Elec & Magnetism
  - PHYS 1430
    - Mechanics
  - MATH 2471
    - Calculus I

Spring semester
- ENGR 1313
  - Mech for Engr
  - ENGR 3375
    - Mech of Materials
  - MATH 2473
    - Integral Calculus
  - MATH 3323
    - Diff Equations
  - MATH 3376
    - App Lin Algebra
  - ENGR 3373
    - Cir & Devices

Junior
Fall semester
- HIST 1310
  - HIST 1320
  - ECO 2301
  - CE 3330
    - Soil Mechanics
  - CE 3331
    - Infra Foundations
  - CE 3350
    - Des of R/C Infra

Spring semester
- POSI 2310
  - CE Design I
  - CE Design II
  - CE Infra Design Elective
  - CE Technical Elective I

Senior
Fall semester
- POSI 2320
  - ART, DAN, MU, or TH 2313
  - CE 4356
    - Urban Infra Mgt
  - GEO 4356
  - App Smart Infra

Spring semester
- CE 4390
  - CE 4391
  - CE Technical Elective II

14 hrs
17 hrs
17 hrs
18 hrs
15 hrs
15 hrs
15 hrs
15 hrs

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.

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-S: Fall-Spring
  - S-S: Summer Session I or II

Required WI courses: GEO 4356, CE 4390, CE 4391

- Core
- Accreditation Requirement (math/science)
- Tech enhanced infrastructure core
- Capstone
- Specific CE Electives

Basic Science Elective: Select 1, BIO 1330 and 1130; BIO 1331 and 1131; GEOL 1410