
**Arranged by Semester:**
- **Freshman:** Fall, Spring
  - CHEM 1335 (F,S,Su) Engineering Chemistry & CHEM 1135 (F,S,Su) Engineering Chemistry lab TCCNS: CHEM 1406/1309/1109
- **Sophomore:** Fall, Spring
  - CS 1428 (F,S,Su) Foundations of Computer Science 1 TCCNS: COSC 1420/1320
  - PHYS 1430 (F,S) Mechanics TCCNS: PHYS 2425/2325/2125
  - MATH 2393 (F,S,Su) Calculus III TCCNS: MATH 2315
- **Junior:** Fall, Spring
  - EE 2420 (F,S,Su) Digital Logic
  - ENGR 2301 (F,S,Su) Statics (replaced ENGR 3375)
  - PHYS 2435 (F,S) Waves & Heat
  - MATH 3377 (F,S,Su) Linear Algebra
  - EE 3400 (F,S,Su) Circuits II
- **Senior:** Fall, Spring
  - EE 3420 (F,S,Su) Microprocessors
  - ENGR 3315 (F,S,Su) Engineering Economic Analysis
  - EE 3430 (F,S,Su) Electromagnetics
  - EE 3370 (F,S,Su) Signals & Systems
  - EE 3320 (F,S,Su) Engineering Statistics

**Key:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- All prerequisite courses must be completed with C or higher.

**Core courses must be completed:**
- 6 credits Core 010
  - EE required course: MATH 2471
- 6 credits Core 020
  - EE required courses: PHYS 1430 + CHEM 1335/1135
- 3 credits Core 030
  - EE required courses: PHYS 1305 or PHYS 1320
- 3 credits Core 040
  - TXST options: ART 2313, DAN 2313, MUS 2313, TH 2313
- 3 credits Core 050
  - TXST options: ART 2313, DAN 2313, MUS 2313, TH 2313
- 6 credits Core 060
  - TXST options: [HIST 1310, 2327, 2381 and HIST 1320, 2328, 2382]
- 6 credits Core 070
  - TXST options: POSI 2310 & POSI 2320
- 3 credits Core 080
  - EE required course: ECO 2381 or 2314
- 6 credits Core 090
  - EE required courses: MATH 2472 + PHYS 2425
- 091, 092, 093, and 094
- US 1100 may be required for some students. Consult with an advisor regarding course choices.

**EE required courses:**
- MATH 2471
- MATH 2472 + PHYS 2425

**Additional Notes:**
- 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.