
**Freshman Fall semester**
- CHEM 1335 (F,S): Engineering Chemistry
- CHEM 1141 (F,S): General Chemistry I lab
- ENGR 2300 (F,S): Materials Engineering
- PHYS 1430 (F,S): Mechanics
- MATH 2471 (F,S): Calculus I
- MATH 2472 (F,S): Calculus II
- CS 1428 (F,S,Su): Foundations of Computer Science I
- ENGR 2425 (F,S): Electromagnetism
- PHYS 2425 (F,S): Electricity & Magnetism
- MATH 3373 (F,S,Su): Calculus III
- MATH 3323 (F,S,Su): Differential Equations
- EE 2400 (F,S,Su): Circuits I
- EE 2420 (F,S): Digital Logic
- EE 3340 (F,S): Electromagnetics
- EE 3320 (F,S,Su): Microprocessors
- MATH 3377 (F,S,Su): Linear Algebra
- MATH 3337 (F,S,Su): Mathematical Methods I
- PHYS 2435 (F,S): Waves & Heat
- PHYS 2435 (F,S): Waves & Heat
- MATH 3374 (F,S): Complex Variables
- MATH 3376 (F,S): Linear Algebra
- PHYS 3375 (F,S): Engineering Mechanics
- ENGR 3375 (F,S): Engineering Mechanics
- EE 3377 (F,S): Circuits II
- EE 3340 (F,S): Circuits II
- PHYS 3425 (F,S): Electromagnetism
- PHYS 3425 (F,S): Electromagnetism
- MATH 3373 (F,S,Su): Calculus III
- MATH 3377 (F,S,Su): Linear Algebra
- ENGR 3425 (F,S): Engineering Mechanics
- ENGR 3425 (F,S): Engineering Mechanics
- EE 3420 (F,S,Su): Solid State Devices
- EE 3420 (F,S,Su): Solid State Devices
- EE 3400 (F,S,Su): Circuits II
- EE 3400 (F,S,Su): Circuits II
- EE 3350 (F,S,Su): Electronics I
- EE 3350 (F,S,Su): Electronics I
- EE 3355 (F,S): Microprocessors
- EE 3355 (F,S): Microprocessors
- EE 3370 (F,S): Signals & Systems
- EE 3370 (F,S): Signals & Systems
- EE 4391 (F,S): Electrical Engineering Design I
- EE 4355 (F,S): Electrical Engineering Design II
- EE 4390 (F,S): Electrical Engineering Design I
- EE 4435 (F,S): Electrical Engineering Design II

**Key:***
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught specific semesters are indicated with the following codes:
  - S – Summer Session I or II
  - F – Fall
  - Su – Summer Session I or II
- Required WI courses: EE 3420, 4390, 4391

**Courses taught specific semesters are indicated with the following codes:***
- F – Fall
- S – Summer Session I or II
- Su – Summer Session I or II

**Check prerequisites***

**8 hours from:***
- EE 4321 – Digital Systems Design Using HDL
- EE 4351 – Fund. of Electroceramics
- EE 4353 – Fund. of Advanced CMOS Technology
- EE 4354 – Flexible Electronics
- EE 4355 – Intro to Microelectromechanical Systems

**Core courses must be completed:***
- **US 1100**
- **COMM 1310**
- **PHIL 1305 or 1320**
- **ENG 1310**
- **ENG 1320**
- **ENG 2310-2360**
- **HIST 1310**
- **HIST 1320**
- **ART/HIST 2313**
- **ART/HIST 2313**
- **ART/HIST 2313**
- **ART/HIST 2313**
- **POS 2310**
- **POS 2320**
- **ENG 2301 or ECO 2314**

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

**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.**

**This is not an official degree audit and it is subject to change.**