2018 Catalog year: College of Science and Engineering

**Freshman Spring semester**
- CHEM 1335 (F,S, Su) Engineering Chemistry & CHEM 1141 (F,S,Su) General Chemistry I lab
- ENGR 2300 (F,S) Materials Engineering
- PHYS 1430 (F,S) Mechanics

**Freshman Fall semester**
- CHEM 1335 (F,S, Su) Engineering Chemistry
- CS 1428 (F,S, Su) Foundations of Computer Science I
- PHYS 2425 (F,S) Electricity & Magnetism
- MATH 3373 (F,S,Su) Calculus III
- EE 2400 (F,S,Su) Circuits I
- MATH 3323 (F,S,Su) Differential Equation

**Sophomore Fall semester**
- CS 1428 (F,S, Su) Foundations of Computer Science I
- EE 2420 (F,S) Digital Logic
- PHYS 2435 (F,S) Waves & Heat
- MATH 3377 (F,S,Su) Linear Algebra
- EE 2400 (F,S,Su) Circuits I
- PHYS 2425 (F,S) Electricity & Magnetism
- MATH 3373 (F,S,Su) Calculus III

**Sophomore Spring semester**
- EE 2420 (F,S,Su) Digital Logic
- ENGR 3375 (F,S) Engineering Mechanics
- EE 3340 (F,S) Electromagnetics
- EE 2400 (F,S,Su) Circuits I
- MATH 3323 (F,S,Su) Differential Equation
- EE 3370 (F,S) Signals & Systems
- MATH 3337 (F,S,Su) Linear Algebra

**Junior Fall semester**
- EE 3420 (F,S,Su) Microprocessors
- MFGE 4392 (F,S) Microelectronics Manufacturing I
- EE 3350 (F,S,Su) Electronics I
- EE 3400 (F,S,Su) Circuits II
- EE 3340 (F,S) Electromagnetics
- EE 3370 (F,S) Signals & Systems

**Junior Spring semester**
- EE 3420 (F,S,Su) Microprocessors
- MFGE 4392 (F,S) Microelectronics Manufacturing I
- EE 3350 (F,S,Su) Electronics I
- EE 3400 (F,S,Su) Circuits II
- EE 3370 (F,S) Signals & Systems

**Senior Fall semester**
- EE 4350 (F,S) Electronics II
- EE 4352 (F,S) Intro to VLSI Design
- EE 4390 (F,S) Electrical Engineering Design I
- EE 4391 (F,S) Electrical Engineering Design II

**Senior Spring semester**
- EE 4350 (F,S) Electronics II
- EE 4352 (F,S) Intro to VLSI Design
- EE 4390 (F,S) Electrical Engineering Design I
- EE 4391 (F,S) Electrical Engineering Design II

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.

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

**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/DAN/MU/TH 2313_  
- _POSI 2310_  
- _POSI 2320_  
- _ECO 2301 or ECO 2314_

**Important:**
- US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.