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.
- Courses taught in specific semesters are indicated with the following codes: F = Fall, S = Spring, Su = Summer Session I or II.
- Required WI courses: PHYS 3411
- Additional WI courses: ENG 3303, PHYS 3210, 3416, 3417, 4340.

**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_
- _ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310_

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

13-16 hours PHYS electives:
- PHYS 3210 – Physics Cognition & Pedagogy
- PHYS 3311 – Mechanics I
- PHYS 3315 (S) – Thermodynamics
- PHYS 3416 (S) – Applied Electronics
- PHYS 3417 (F) – Optics
- PHYS 4305 – Statistical Physics
- PHYS 4310 (F) – Electromagnetic Field Theory I
- PHYS 4311 (F) – Condensed Matter Physics
- PHYS 4312 (S) – Quantum Mechanics I
- PHYS 4313 – Quantum Mechanics II
- PHYS 4314 – Mechanics II
- PHYS 4315 (S) – Electromagnetic Field Theory II
- PHYS 4317 (F) – Computational Physics
- PHYS 4320 – Selected Studies in Physics
- PHYS 4321 – Undergraduate Research
- PHYS 4340 (S) – Materials Physics Laboratory

See most recent online catalog for prerequisites; PHYS 3414 was replaced by PHYS 3311.