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.

**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 - Fall
  - S - Summer Session I or II
  - Su - Summer Session II

**Notes:**
- In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.
- If applicable, Cores courses must be completed:
  - **US 1100**
  - **PHIL 1305 or 1320**
  - **ART/DAN/MU/TH 2313**
  - **ENG 1310**
  - **ENG 1320**
  - **COMM 1310 or ENG 2310-2360**
  - **HIST 1310**
  - **HIST 1320**
  - **PHIL 2310**
  - **PHIL 2320**
  - **ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310**

**Core courses must be completed:**
- US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

**BA – Physics**

**SC-BA/PHYS**

**2019 Catalog year: College of Science and Engineering**

**Freshman Fall semester**
- **CHEM 1335** Engineering Chemistry (F,S)
- **CHEM 1141** General Chem I Lab (F,S,Su)

**Freshman Spring semester**
- **MATH 2471** Calculus I (F,S,Su)

**Sophomore Fall semester**
- **CHEM 1335** Engineering Chemistry (F,S)
- **CHEM 1141** General Chem I Lab (F,S,Su)

**Sophomore Spring semester**
- **MATH 2472** Calculus II (F,S,Su)

**Junior Fall semester**
- **PHYS 2150** Prof Des Phys (F,S)

**Junior Spring semester**
- **PHYS 2230** Intro Comp Mod Phys (F,S)

**Senior Fall semester**
- **PHYS 3323** Differential Equations (F,S,Su)

**Senior Spring semester**
- **PHYS 3320** Intro Math Phys (F,S)

**Minor and/or elective courses**

**10 hours PHYS electives:**
- PHYS 3210 (F,S) – Physics Cognition & Pedagogy I
- PHYS 3311 (S) – Mechanics I
- PHYS 3313 (F) – Astrophysics
- PHYS 3411 (S) – Advanced Physics Lab
- PHYS 3416 (F) – Applied Electronics
- PHYS 3417 (F) – Optics
- PHYS 3418 – Methods in Observational Astrophysics
- PHYS 4305 (S) – Statistical Physics
- PHYS 4310 (F) – Electromagnetic Field Theory I
- PHYS 4311 (F) – Condensed Matter Physics
- PHYS 4312 (F) – Quantum Mechanics I
- PHYS 4315 (S) – Electromagnetic Field Theory II
- PHYS 4320 (F,S) – Selected Studies in Physics
- PHYS 4121,4221,4321 – Undergraduate Research
- PHYS 4350B – Relativity
- PHYS 4350D – Biophysics
- PHYS 4360 (S) – Physics Cognition & Pedagogy II

See most recent online catalog for prerequisites.