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
  - Su – Summer Session I or II
  - S – Spring

**Courses taught in specific semesters are indicated with the following codes:**
- MATH 2471 (F,S,Su) – Calculus I
- MATH 2472 (F,S,Su) – Calculus II
- MATH 2393 (F,S,Su) – Calculus III
- MATH 3330 (F,S) – Intro to Advanced Math
- MATH 3337 (F,S,Su) – Linear Algebra
- MATH 3377 (F,S,Su) – Modern Algebra
- MATH 3380 (F) – Analysis I
- MATH 4330 (F,S) – Topology
- MATH 4337A (F,S,Su) – Topological Data Analysis
- MATH 4337B (F,S,Su) – Research in Discrete Mathematics
- MATH 4337C (F,S,Su) – Numerical Methods for Ordinary Diff Eqns
- MATH 4337D (F,S,Su) – Studies in Advanced Math
- MATH 4337E (F,S,Su) – Modern History of Math
- MATH 4337F (F,S,Su) – Modern Algebra
- MATH 4337G (F,S,Su) – Numerical Analysis II
- MATH 4337H (F,S,Su) – Introduction to Finite Element Methods

**Core courses must be completed:**
- US 1100
- HIST 1310
- ANTH 1312/ECO 2301/2314
- ENG 1310
- HIST 1320
- GEO 1310/PSY 1300/SOCI 1310
- ENG 1320
- POSI 2310
- COMM 1310 or ENG 2310-2360
- PHIL 1305 or 1320
- POSI 2320
- ART/DAN/MU/TH 2313

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