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.

Core courses must be completed:
- 6 credits Core 010
- 3 credits Core 020
- 6 credits Core 030
- 3 credits Core 040
- 3 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 3 credits Core 080
- 6 credits Core 090, 091, 092, 093, and 094

Required WI courses:
- Additional WI courses: ENG 2310-2360, ENG 3303, MATH 4337A, 4337B, 4337C

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-Spring
- Su-Summer Session I or II
- MATH 3337

9 hours MATH advanced electives:
- MATH 3305 – Intro to Prob & Stats (F,S,Su)
- MATH 3323 – Differential Equations (F,S,Su)
- MATH 3325 – Number Systems (S)
- MATH 3348 – Det. Operations Research (F)
- MATH 3383 – Numerical Analysis I (F)
- MATH 3398 – Discrete Math II (F,S,Su)
- MATH 4305 – Prob & Stats (S)
- MATH 4306 – Fourier Series (S)
- MATH 4327 – Introduction to Complex Analysis & App
- MATH 4336 – Studies in Applied Math
- MATH 4337A – Topological Data Analysis
- MATH 4337B – Research in Discrete Mathematics
- MATH 4337C – Numerical Methods for Ordinary Diff Equ
- MATH 4337D – Topics in Topology and Algebra
- MATH 4350 – Combinatorics (S)
- MATH 4383 – Numerical Analysis II
- MATH 4393 – Introduction to Finite Element Methods

ENG 23XX
- or
- ENG 3303

(ENG 23XX must be different than literature taken for core)

US 1100 may be required for some students. Consult with an advisor regarding course choices.

see catalog for options: http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/