BS – Mathematics  
(SC-BS/MATH)  
2018 Catalog year: College of Science and Engineering

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.
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

Required WI courses:
Additional WI courses: ENG 3303, MATH 4382

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/GE0 1310/PSY 1300/SOCI 1310
US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

9 hours MATH advanced electives:
MATH 3305 – Intro to Prob & Stats (F,S,Su)
MATH 3323 – Differential Equations (F,S,Su)
MATH 3383 – Numerical Analysis I (F)
MATH 3396 – Discrete Math II (F,S,Su)
MATH 3348 – Det. Operations Research (F)
MATH 4305 – Prob & Stats (S)
MATH 4350 – Combinatorics (S)
MATH 3325 – Number Systems (S)
MATH 4306 – Fourier Series (S)
MATH 4382 – Lit. Modern History of Math
MATH 4383 - Studies in Applied Math
(check prerequisites)

Minor and/or elective courses (as needed, see advisor)

This is not an official degree audit and it is subject to change.