BS- Computer Science – Teacher Certification
(SC-BSCS/CS8/SCED)
2018 Catalog year: College of Science and Engineering

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

Freshman Spring semester
- MATH 2472 (F,S,Su)
  Calculus II
- COMM 1310
  Fundamentals of Human Communication

Sophomore Fall semester
- PHIL 1305 or 1320
  Critical Thinking or Ethics and Society
- ENG 1310
  College Writing I

Sophomore Spring semester
- CS 2308 (F,S,Su)
  Foundations of Computer Science II
- CS 2318 (F,S,Su)
  Assembly Language
- CS 2315 (F,S)
  Computer Ethics
- CS 3354 (F,S,Su)
  Intro to Object Oriented Design
- CS 3358 (F,S,Su)
  Data Structures

Sophomore Spring semester
- MATH 2358 (F,S,Su)
  Discrete Math I
- MATH 3398 (F,S,Su)
  Discrete Math II

Junior Fall semester
- 3 hours from:
  - ENG 3313
    (recommended),
  - ENG 3303,
  - ENG 2310-2360
  (must be new course)
- 3 hours CS advanced elective
  (check prerequisites)
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  (check prerequisites)
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  (check prerequisites)

Junior Spring semester
- MATH 3305
  Probability & Statistics

Block experience:
- RDG 3323
- CI 4343
- CI 4370

Senior Fall semester
- EDST 4681
  Student Teaching

Senior Spring semester
- Choose one project course:
  (check prerequisites)
  - CS 4318 (S)
    Compiler Construction
  - CS 4326 (F,S)
    Human Factors
  - CS 4371 (F,S)
    Computer System Security
  - CS 4380 (F,S)
    Parallel Programming
  - CS 4398 (S,Su)
    Software Engineering Project

- 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

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 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.