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.

**KEY:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisite.
- Courses taught specific semesters are indicated with the following codes:
  - F: Fall
  - S: Spring
  - Su: Summer Session I or II
  - Spring
- Required WI courses: CS 2315, 3398
- Additional WI courses: CS 4326

**Core courses must be completed:**
- 6 credits Core 101
- 3 credits Core 200
- 3 credits Core 200
- 6 credits Core 300
- 3 credits Core 300
- 6 credits Core 400
- 3 credits Core 400
- 3 credits Core 480
- 3 credits Core 480
- CS required course: COMM 1310
- US 1100 may be required for some students. Consult with an advisor regarding course choices.

**Choose one project course:**
- (check prerequisites)
- CS 4318 (F,S) Compiler Construction
- CS 4326 (F,S) Human Factors
- CS 4380 (F,S) Parallel Programming
- CS 4398 (S,Su) Software Engineering Project

**Additional WI courses:**
- Spring semester 3 hours CS advanced elective (check prerequisites)
- Fall semester 3 hours CS advanced elective (check prerequisites)
- Senior Fall semester 3 hours CS advanced elective (check prerequisites)

### Freshman Fall semester
- ENG 1310 (F,S,Su)
  - College Writing I
  - TCCN ENGL 1301
- COMM 1310 (F,S,Su)
  - Fundamentals of Human Communication
  - TCCN SPCH 1311 or 1315
- CS 1428 (F,S,Su)
  - Foundations of Computer Science I
  - TCCN COSC 1371/1337
- MATH 2358 (F,S,Su)
  - Discrete Math I
  - TCCN MATH 2305
- CS 2308 (F,S,Su)
  - Foundations of Computer Science II
  - TCCN COSC 2436/2336
- 3 hours from: MATH 1317, 1329, 2321, 2417, 2471

### Sophomore Fall semester
- Modern language 1410
- Modern language 1420
- 8 hours of the same science from approved list
- 3 hours from: ENG 3313, ENG 3311, (recommended)
  - ENG 3303, ENG 2310-2371
  - (must be new course)

### Junior Fall semester
- Modern language 2310
- Modern language 2320
- CS 2315 (F,S)
  - Computer Ethics
- CS 3398 (F,S,Su)
  - Software Engineering
- CS 3354 (F,S,Su)
  - Object-Oriented Design & Implementation
- CS 3358 (F,S,Su)
  - Data Structures
- CS 3380 (F,S)
  - Compiler Construction
- CS 3398 (S,Su)
  - Parallel Programming
- CS 4318 (F,S,Su)
  - Software Engineering Project

### Senior Fall semester
- CS 3339 (F,S,Su)
  - Computer Architecture
- 3 hours CS advanced elective (check prerequisites)

**Choose one project course:**
- (check prerequisites)
- CS 4318 (F,S) Compiler Construction
- CS 4326 (F,S) Human Factors
- CS 4380 (F,S) Parallel Programming
- CS 4398 (S,Su) Software Engineering Project

### Senior Spring semester
- Elective courses
  - (as needed, see advisor)
- Minor courses
  - (as needed, see advisor)