### BA – Computer Science (SC-BA/CS)

#### Freshman Fall semester
- Modern language 1410
- Modern language 1420

#### Freshman Spring semester
- Modern language 2310
- Modern language 2320

#### Sophomore Fall semester
- PHIL 1305 or 1320 (Critical Thinking or Ethics and Society)
- ENG 1310 (College Writing I)
- COMM 1310 (Fundamentals of Human Communication)
- MATH 2358 (Discrete Math I)

#### Sophomore Spring semester
- Modern language 2310
- Modern language 2320
- CS 2318 (F,S,Su) (Assembly Language)
- CS 2308 (F,S,Su) (Foundations of Computer Science II)

#### Junior Fall semester
- 4 hours science from approved list

#### Junior Spring semester
- 4 hours science from approved list

#### Senior Fall semester
- Elective and/or minor courses

#### Senior Spring semester
- Elective and/or minor courses

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**Core courses must be completed:**
- ENG 1310
- PHIL 1305 or 1320
- MATH 2358 (Discrete Math I)
- MATH 3398 (F,S,Su) (Discrete Math II)
- CS 2318 (F,S,Su) (Assembly Language)
- CS 2308 (F,S,Su) (Foundations of Computer Science II)
- CS 2315 (F,S) (Computer Ethics)
- CS 2420 (F,S) (Digital Logic)
- CS 3358 (F,S,Su) (Software Engineering)
- CS 3398 (F,S,Su) (Software Engineering Project)
- 3 hours from:
  - ENG 3311 (recommended)
  - ENG 3303
  - ENG 2310-2360 (must be new course)
  - MATH 3398 (F,S,Su) (Discrete Math II)
  - MATH 2358 (F,S,Su) (Discrete Math I)

**Additional to major courses:**
- 3 hours from:
  - US 1100
  - COMM 1310
  - PHIL 1305 or 1320
- Computer Science Undergraduate Advising Center for advising.

**KEY:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate corequisites.
- 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
- Required WI courses: CS 2315, 3398
- Additional WI courses: CS 4326, ENG 3303 or 3311

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

**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.**

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**Choose one project course:**
- CS 3369 – Embedded Computer Systems
- CS 4326 (F,S) – Human Factors
- CS 4398 (F,S,Su) – Software Engineering Project

*(check prerequisites)*

*CS 3354 will replace CS 4354 starting Fall 2016*

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**Notes:**
- US 1100 & ENG 1310 recommended for first semester.
- HIST 1310/1320 not recommended for first semester.