COMPUTER SCIENCE MAJOR (CS Concentration) (2024-2025)

FALL (16hrs)  SPRING (17hrs)  FALL (16hrs)  SPRING (17hrs)  FALL (16hrs)  SPRING (16hrs)  FALL (16hrs)  SPRING (13hrs)

β CSI 1430 INTRO TO CSI I → β CSI 1440 INTRO TO CSI II → CSI 2334 INTRO TO COMP SYSTEMS → CSI 3471 SOFTWARE EGR I → CSI 3366 SYSTEMS PROGRAM → * CSI 3439 COMP ARCHITECT

CSI 2350 DISCRETE STRUCTURES → CSI 3334 DATA STRUCTURES → CSI 3344 INTRO TO ALGORITHMS → CSI 3335 DATABASE DESIGN → CSI 4321 DATA COMM → CSI ELECTIVE

CSI 3372 SOFTWARE EGR II → CSI ELECTIVE → CSI 43C9 CAPSTONE DESIGN

MTH 1321 CAL 1 → MTH 1322 CAL 2 → MTH 2311 OR MTH 2321 → STA 3381 STATISTICS

REL 1310 SCRIPTURES → REL 1350 HERITAGE

ENG 1310 WRITING → SCIENCE → SCIENCE → SCIENCE

CONTEMP. SOCIAL ISSUES

CHA 10XX CHAPEL

NOTES: This flowchart is meant to be an advising tool. The Baylor Undergraduate Catalog is the student’s final authority on all degree requirements. A ‘C’ or better must be earned in all courses in your major, as well as any math prerequisites for major courses.

β Prerequisite
Prerequisite or concurrent enrollment
Must complete course with a grade of “B” or better

Contemporary Social Issues:
Select one course, 3 hours, from the corresponding A&S Distribution List (HIS 1300 included)

ENG 2301, 2304, 2306, or 2310

Science:
One group from the following:
1. BIO 1305/1105 and 1306/1106
2. CHE 1301/1101 and 1302/1102
3. GEO 1405 and 1306/1106
4. PHY 1408 and 1409 OR PHY 1420 and 1430

AND six to eight additional hours from courses above or from courses that have one or more of the above as prerequisites

* ELC 2337 and CSI 4323 are approved substitutions for CSI 3439

See the Foreign Language & Culture Distribution List for ECS in the Undergraduate Catalog

If needed to reach the graduation requirement of 124 total earned hours

GENERAL CREDIT (3 HOURS)

GENERAL CREDIT (3 HOURS)

ELC 2337 and CSI 4323 are approved substitutions for CSI 3439

See the Foreign Language & Culture Distribution List for ECS in the Undergraduate Catalog

LF 11XX FITNESS

CSS 1302 SPEECH

LF 11XX FITNESS

CONTEMP. SOCIAL ISSUES

SCIENCE

SCIENCE

STUDENT SERVICES

SPEECH

PREREQUISITE

ELC 2337 and CSI 4323 are approved substitutions for CSI 3439

See the Foreign Language & Culture Distribution List for ECS in the Undergraduate Catalog

If needed to reach the graduation requirement of 124 total earned hours

GENERAL CREDIT (3 HOURS)

GENERAL CREDIT (3 HOURS)