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

FALL (16hrs)  SPRING (17hrs)  FALL (16hrs)  SPRING (16hrs)  FALL (17hrs)  SPRING (16hrs)  FALL (15hrs)  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 4337 OPERATING SYSTEMS  CSI 43C9 CAPSTONE DESIGN

CSI 2350 DISCRETE STRUCTURES  CSI 3334 DATA STRUCTURES  CSI 3344 INTRO TO ALGORITHMS  CSI 3335 DATABASE DESIGN  CSI 4321 DATA COMM  PHI 1310 COMPUTER ETHICS

CSI 4111 CYBER LAB  CSI 3372 SOFTWARE EGR II  CSI 4323 INTRO TO CYBER  CSI 4330 FOUNDATION OF COMP

MTH 1321 CAL 1  MTH 1322 CAL 2  MTH 2311 LINEAR ALGEBRA  MTH 4312 CRYPTOLOGY

REL 1310 SCRIPTURES  REL 1350 HERITAGE  STATA 3381 STATISTICS  * FOREIGN LANGUAGE & CULTURE DL

ENG 1310 WRITING  SCIENCE  SCIENCE  SCIENCE  SCIENCE  PSC 3355 or 4395  PWR 3300 TECH WRIT  ENG 2301, 2304, 2306, or 2310  GENERAL CREDIT (3 HOURS)

CONTEMP. SOCIAL ISSUES  PSC 1387 or GTX OPTION  LF 11XX FITNESS  CSS 1302 SPEECH  LF 11XX FITNESS

CHA 10XX CHAPEL  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.

Prerequisite
Prerequisite or concurrent enrollment
β 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)

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

◊ Course offered only in semester indicated

Content from MTH 2311 is used heavily in MTH 4312. It is recommended that MTH 2311 be completed before MTH 4312.

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

★ ENG 2301, 2304, 2306, or 2310