COMPUTER SCIENCE – CYBERSECURITY CONCENTRATION (2023-2024)

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

CSI 1430 INTRO CSI I
CSI 1440 INTRO CSI II
CSI 2311 LINEAR ALGEBRA
CSI 2334 INTRO COMP SYSTEMS
CSI 2355 DISCRETE STRUCTURES
CSI 3334 INTRO ALGORITHMS
CSI 3344 INTRO SOFTWARE EGR I
CSI 3372 SOFTWARE EGR II
CSI 3471 SOFTWARE EGR II
CSI 4111 CYBER LAB
CSI 4321 DATA COMM
CSI 4323 INTRO TO CYBER
CSI 4377 OPERATING SYS
CSI 4309 CAPSTONE DESIGN
CSI 4330 FOUNDATION OF COMP

MTH 1321 CALC I
MTH 1322 CALC II
MTH 2311 LINEAR ALGEBRA
MTH 4312 CRYPTOLOGY

PSC 1387 or GTX option
SCI 3381 STATISTICS
SCIENCE
SCIENCE

REL 1310 SCRIPTURES
REL 1350 HERITAGE
ENG LITERATURE
LF 11XX FITNESS

ENG 1310 WRITING

CHA 10XX CHAPEL
CHA 10XX CHAPEL

NOTES: Must have 36 hours of advanced work ("3000"-"4000" courses) and a minimum of 124 hrs. Must have grade of C or better in all CSI hours counted toward the major. This flowchart is meant to be an advising tool. The BU Undergraduate Catalog serves as the student’s final authority on all degree requirements.

Prerequisite:
- Must complete course with a grade of "B" or better
- Course offered only in semester indicated
- Prerequisite or concurrent enrollment

Contemporary Social Issues: Select one course, 3 hours, from the corresponding A&S Distribution List (HIS 1300 included) which can be found by visiting https://corecurriculum.artsandsciences.baylor.edu/core-requirements/distribution-lists

Science: One group from the following:
1. BIO 1305/1105 and 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 which have one or more of the above as prerequisites

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