

**BIC – Bachelor of Science in Computer Science (B.S.C.S.) Degree Planner
(Computer Science Concentration)**

BIC courses are taken in sequence and are only offered in their respective sequence semesters.

Fall – 16 hrs	Spring – 16 hrs
BIC 1212 Examined Life I	BIC 1324 World Cultures II
BIC 1314 World Cultures I	CSI 1440 Computer Science II
BIC 1413 World of Rhetoric I	CSI 2350 Discrete Structures
CSI 1430 Computer Science I	*Science Elective
MTH 1321 Calculus I	MTH 1322 Calculus II
Chapel	Chapel
CSI 1095 First Year Seminar	
Summer I	Summer II
Fall – 15-16 hrs	Spring – 16-17 hrs
BIC 2334 World Cultures III (pre-req waiver)	BIC 2344 World Cultures IV (pre-req waiver)
MTH 2311 or MTH 2321	STA 3381 Probability and Statistics
CSI 3334 Data Structures	CSI 3344 Intro to Algorithms
CSI 2334 Intro to Computer Systems	CSI 3371 Software Engineering I
*Science Elective	CSI 3130 Intro to Java
	*Science Elective
Summer I	Summer II
Fall – 15-16 hrs	Spring – 16 hrs
BIC 2330 Social World I (pre-req waiver)	BIC 2340 Social World II (pre-req waiver)
CSI 3372 Software Engineering II	CSI 3439 Computer Architecture
CSI 3335 Database Design and Apps	CSI 4337 Operating Systems
CSI 3336 Systems Programming	CSI Elective
*Science Elective	
Summer I	Summer II
Fall – 15-16 hrs	Spring – 12-13 hrs
CSI 4321 Data Communication	CSI 43C9—Capstone Design Project
PHI 1310 Computer Ethics	ENG 3300 Technical Writing
CSI Elective	General Elective (if required)
BIC 3358 Bibl Heritage and Ethics	Foreign Language (proficiency through 2nd level)
Foreign Language	

*Science Electives: Complete one group from the following.

1. BIO 1305/1105 and 1306/1106
2. CHE 1301/1101 and 1302/1102
3. GEO 1405 and 1406
4. PHY 1408 and 1409 or 1425 and 2435

Take an additional 6-8 hours take from the courses above or from courses which have one or more of the above as prerequisites.