

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

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

Fall – 16 hrs	Spring – 17 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
MTH 1321: Calculus I	*Science Elective
CSI 1430: Computer Science I	MTH 1322: Calculus II
CSI 1095: First Year Seminar	Chapel
Chapel	
Summer I	Summer II
Fall – 16 hrs	Spring 17 hrs
BIC 2334: World Cultures III (pre-req waiver)	BIC 2344: World Cultures IV (pre-req waiver)
CSI 2334: Intro to Computer Systems	CSI 3344: Intro Algorithms*
CSI 3334: Data Structures	CSI 3471: Software Engineering I**
MTH 2311 or MTH 2321	STA 3381: Probability and Statistics
*Science Elective	*Science Elective
Summer I	Summer II
Fall - 16 hrs	Spring - 16-17 hrs
BIC 2330: Social World I (pre-req waiver)	BIC 2340: Social World II (pre-req waiver)
CSI 3335: Database Design	CSI 3374: Software Project Mgmt
CSI 3336: Systems Programming	CSI 3439: Computer Architecture
CSI 3372: Software Engineering II	CSI 4321: Data Communication
*Science Elective	Technical Elective
Summer I	Summer II
Fall – 15-16 hrs	Spring – 15-16 hrs
CSI 4337: Operating Systems	BIC 3358: Biblical Heritage and Ethics
CSI 3373: Software Quality Assurance	CSI 4330: Foundations of Computing
PHI 1310: Computer Ethics	CSI 43C9: Capstone Design Project
PWR 3300	ECO 3308: EGR Economics
Foreign Language	Foreign Language

*Science Electives: Choose one of the following groups:

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

** Co-requisites