

**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.

<b>Fall – 16 hrs</b>	<b>Spring – 17 hrs</b>
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
CSI 1095 First Year Seminar	Chapel
Chapel	
<b>Summer I</b>	<b>Summer II</b>
<b>Fall – 16 hrs</b>	<b>Spring – 17 hrs</b>
BIC 2334 World Cultures III (pre-req waiver)	BIC 2344 World Cultures IV (pre-req waiver)
*Science Elective	STA 3381 Probability and Statistics
MTH 2311 or MTH 2321	CSI 3344 Intro to Algorithms
CSI 3334 Data Structures	CSI 3371 Software Engineering I
CSI 2334 Intro to Computer Systems	CSI 3130 Intro to Java
	PHY 1420 Physics I
<b>Summer I</b>	<b>Summer II</b>
<b>Fall – 16 hrs</b>	<b>Spring – 16-17 hrs</b>
BIC 2330 Social World I (pre-req waiver)	BIC 2340 Social World II (pre-req waiver)
CSI 3335 Database Design	CSI 3439 Computer Architecture
CSI 3336 Systems Programming	CSI 4337 Operating Systems
CSI 3372 Software Engineering II	CSI 3373 Software Quality Assurance
PHY 1430 Physics II	Technical Elective
<b>Summer I</b>	<b>Summer II</b>
<b>Fall – 15-16 hrs</b>	<b>Spring – 15-16 hrs</b>
CSI 4321 Data Communication	CSI 43C9—Capstone Design Project
CSI 3374 Software Project Mgmt	CSI 4330 Foundations of Computing
PHI 1310 Computer Ethics	ECO 3308 EGR Economics
ENG 3300 Technical Writing	BIC 3358: Biblical Heritage and Ethics
Foreign Language	Foreign Language

\*Science Electives (6-8): Complete an additional 6-8 hours from the courses below.

1. BIO 1305/1105 and 1306/1106
2. CHE 1301/1101 and 1302/1102
3. GEO 1405 and 1406