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

Software Engineering

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

Fall – 15 hrs	Spring – 17 hrs
BIC 1112: Examined Life I	BIC 1324: World Cultures II
BIC 1314: World Cultures I	CSI 1440: Computer Science II β
BIC 1313: World of Rhetoric I	CSI 2350: Discrete Structures
CSI 1430: Intro Computer Science I	MTH 1322: Calculus II
STL 1102: First Year Seminar	Science*
MTH 1321: Calculus I	
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 3471: Software Engineering I
CSI 3334: Data Structures	CSI 3344: Intro to Algorithms
MTH 2311 or MTH 2321	STA 3381: Probability and Statistics
Science*	Science*
Summer I	Summer II
Fall - 15 hrs	Spring - 17 hrs
BIC 2330: Social World I (pre-req waiver)	BIC 2340: Social World II (pre-req waiver)
CSI 3336: Systems Programming	CSI 3439: Comp Architect
CSI 3335: Database Design	CSI 4321: Data Communication
CSI 3372: Software Engineering II	CSI 3374: Software Management ◊
Technical Elective**	Science*
Summer I	Summer II
Fall – 16 hrs	Spring – 15 hrs
BIC 3358: Biblical Heritage and Ethics	CSI 43C9: Capstone Design Project
CSI 4337: Operating Systems	CSI 4330: Foundation of Comp
CSI 3373: Software Quality	ECO 1305: Economics
PHI 1310: Computer Ethics	PWR 3300: Technical Writing
Foreign Language ꕥ	Foreign Language ꕥ
LF	

◊ - Course offered only in semester indicated   ꕥ - See Foreign Language and Cultures DL: BIC 4374 counts
B – Must complete course with a grade of 'B' or better

*Science Electives: Complete one group from the following AND 6-8 additional hours from courses above or from courses which have one or more of the above as prerequisites.
    1. BIO 1305/1105 and 1306/1106
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    2. CHE 1301/1101 and 1302/1102
    3. GEO 1405 and 1306/1106
    4. PHY 1408 and 1409 or 1420 or 1430

**Technical Electives: One of the following:
1. Any statistics course with STA 3381 as a prerequisite
2. MTH 2321, 3312, 3370, or any 4000-level MTH course not required for Software Engineering Track
3. ELC 4330, 4354, or 4438