

BIC – Bachelor of Science in Informatics Degree Planner – Data Science Major

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

Fall – 16 hrs	Spring – 17 hrs
BIC 1112: Examined Life	BIC 1324: World Cultures II
BIC 1314: World Cultures I	CSI 1402: Intro Programming II
BIC 1313: World of Rhetoric I	CSI 2350: Discrete Structures
CSI 1401: Intro Programing I	MTH 1322: Calculus II
STL 1102: First Year Seminar	Lab Science*
MTH 1321: Calculus I	
LF 11xx	
Chapel	Chapel
Summer I	Summer II
Language 1🌀 (can also be fit in senior year)	Language 2🌀 (can also be fit in senior year)
Fall – 15 hrs	Spring – 16 hrs
BIC 2334: World Cultures III (pre-req waiver)	BIC 2344: World Cultures IV (pre-req waiver)
CSI 2300: Intro Data Science	DSC 3335: Database
CSI 2334: Computer Systems	DSC 3334: Algorithms & Data Structures
MTH 2311: Linear Algebra	STA 3381: Statistics
Minor Course ◊	Lab Science*
Summer I	Summer II
Fall 15 hrs	Spring - 15 hrs
BIC 2330: Social World I (pre-req waiver)	BIC 2340: Social World II (pre-req waiver)
DSC 3310: Cloud Computing	DSC 4320: Visualization
DSC 3344: Analytics for Machine Learning	DSC 4310: Machine Learning
STA 4373: Comp Methods α	Minor Course ◊
Minor Course ◊	ECO 1305: Economics
Summer I	Summer II
Fall – 15 hrs	Spring – 15 hrs
DSC 43C8: Big Data	BIC 3358: Biblical Heritage and Ethics
CSI 4354: Comp. Security	DSC 43C9: DS Capstone II
PHI 1310: Computer Ethics	CSI 3374: Software Proj MNGT
Minor Course ◊	General Elective
Minor Course ◊	Minor Course ◊

🌀 See Foreign Language DL: BIC 4374 counts
 α – Course only offered during indicated term

◊Minors in Mathematics or Computer Science will not apply

*Science: Select 8 hours from the following courses: BIO 1305/1105, BIO 1306/1106, CHE 1301/1101, CHE 1302/1102, GEO 1405, GEO 1306/1106, PHY 1408, PHY 1409, PHY 1420 or PHY 1430.

Updated 1/2024