

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 – 18 hrs	Spring – 17 hrs
BIC 1314: World Cultures I	BIC 1324: World Cultures II
BIC 1413: World of Rhetoric I	CSI 1402: Intro Programming II
CSI 1401: Intro Programing I	CSI 2350: Discrete Structures
CSI 1095: First Year Seminar	Lab Science*
MTH 1321: Calculus I	MTH 1322: Calculus II
Lab Science*	
Chapel	Chapel
BIC 1212 Examined Life I (waive, but must take MTH 1321); replace with LF	
Summer I	Summer II
Language 1	Language 2***
Fall – 16 hrs	Spring ... 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 (requires DSC 3334 as prerequisite which will go into effect)
DSC 3334: Algorithms & Data Structures (Fall only)	DSC 3344: Analytics - Machine Learning (spring only)
MTH 2311: Linear ALG.	STA 3381: Statistics
Minor Course	Minor Course
LF 11xx	LF 11xx
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 4320: Visualization (likely every semester)	DSC 3310: Cloud Computing (Spring only)
CSI 2334: Comp Systems	DSC 4310: Machine Learning (spring only)
STA 4373: Comp Methods**	Minor Course
Minor	EGR 4301: GBEC**
Summer I	Summer II
Fall – 12 hrs	Spring – 15 hrs
DSC 43C8: DS Capstone (Fall only)	BIC 3358: Biblical Heritage and Ethics
CSI 33xx: Comp. Security (every semester)	DSC 43C9: DS Capstone II (spring only)
PHI 1310: Computer Ethics	CSI 3374: Software Proj MNGT
Minor Course	General Elective
Elective	Minor Course

*Biology Electives: BIO 3300 (Human Genetics), 3422 (Human Physiology), 4100 (Genetics Seminary), 4107 (Cell Physiology Lab), 4108 (Cell & Dev. Biology Lab), 4307 (Cell Physiology), 4308 (Cell & Dev. Biology), 4401 (General Bacteriology).

** Courses only offered during indicated terms

*** May not be required, pending placement

Updated 8/27