

BIC – Bachelor of Science in Informatics Degree Planner (Biology First Year)

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

Fall – 17 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
CSI 1430 Computer Science I	MTH 1321 Calculus I
BIO 1305/1105 Bioscience I	BIO 1306/1106 Bioscience II
BINF 1095 First Year Seminar	
Chapel	Chapel
Summer I – 3-4 hrs	Summer II 3-4 hrs
Fall – 17 hrs	Spring – 17 hrs
BIC 2334 World Cultures III	BIC 2344 World Cultures IV
BIC 2330 Social World I	CHE 1302/1102 Chemistry I/Lab
CHE 1301/1101 Chemistry I/Lab	CSI 3344 Intro to Algorithms
CSI 3334 Data Structures	CSI 3371 Software Engineering I
BIO 2306/2106 Genetics	CSI 3130 Intro to Java
	STA 3381 or STA 2381
Summer I	Summer II
Fall – 15 hrs	Spring – 16 hrs
BINF 3350 Genomics and Bioinformatics	BIC 2340 Social World II
CHE 3331 Organic Chemistry I	BINF 3360 Intro to Computational Biology
CSI 2334 Intro Compute Systems	CHE 3332 Organic Chemistry II
CSI 3335 Database Design	CSI 3336 Systems Programming
BIO 4306-4106 Molecular Genetics	Language (through level 2310)
Summer I – 3 hrs	Summer II
BINF 3396 Bioinformatics Internship	
Fall – 14-15 hrs	Spring – 16 hrs
CSI 3372 Software Eng.II or CSI 4337	*Biology Elective(s) (4 hrs)
CHE 3238 Organic Chem Lab	BIC 3358 Examined Life II: Bibl Heritage
BINF 43C9 Capstone	BINF 4360 Bioinformatics Database Design
Language	ENG 3300: Technical Writing
CSI Elective	Language

*Biology Electives: BIO 3330 (Human Genetics), 3422 (Human Physiology), 4100 (Genetics Seminar), 4107 (Cell Physiology Lab), 4108 (Cell & Dev. Biology Lab), 4307 (Cell Physiology), 4308 (Cell and Dev. Biology), 4401 (General Bacteriology)