

BIC – Bachelor of Science in Informatics Degree Planner (Biology First Year) – Pre-Med***

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

Fall – 18 hrs	Spring – 18 hrs
BIC 1314: World Cultures I	BIC 1324: World Cultures II
BIC 1413: World of Rhetoric I	CSI 1440: Computer Science II β
CSI 1430: Computer Science I	CSI 2350: Discrete Structures
CSI 1095: First Year Seminar	BIO 1306/1106: Bioscience II
MTH 1321: Calculus I	CHE 1301/1101
BIO 1305/1105: Bioscience I	
Chapel	Chapel
BIC 1212 Examined Life I (must take MTH 1321); replace with LF	
Summer I - 4 hrs	Summer II - 3-4 hrs
CHE 1302/1102	PSY 1305: Introductory Psychology
Fall – 17 hrs	Spring - 16 hrs
BIC 2334: World Cultures III	BIC 2344: World Cultures IV
BIC 2330: Social World I	BIC 2340 Social World II
CSI 3334: Data Structures	CSI 3344: Intro Algorithms
BIO 2306/2106: Genetics	CSI 3471: Software Engineering I
STA 2381 or 3381	CHE 3331 Organic Chemistry I
PHP 1105	
Summer I – 4 hrs	Summer II – 4 hrs
PHY 1408: Physics I	PHY 1409: Physics II
Fall - 15 hrs	Spring - 13 hrs
BINF 3350: Genomics and Bioinformatics	BINF 3360: Intro to Computational Biology
CSI 2334: Intro Computer Systems	CSI 3336: Programming
CSI 3335: Database Design	BIO 4306/4106: Molecular Genetics ^{1**}
CHE 3332: Organic Chemistry II	CHE 4341: General Biochemistry
CHE 3238: Organic Chemistry Lab	
LF 11xx	
Summer I	Summer II
Fall – 14 hrs	Spring – 13 hrs
BINF 43C9: Capstone	BIC 3358: Biblical Heritage and Ethics
CSI 3372: Software EGR. II or CSI 4337	*Biology Elective(s) – (4 hrs)
CSI Elective	PWR 3300
Language ☯	Language ☯
LF 11xx	

β – Must complete course with a grade of 'B' or better ☯ Second level proficiency (1302 or 1412) must be achieved

*Biology Electives: BIO 3300, 3322/3122, 4100, 4107, 4108, 4307, 4308, 4401.

1. BIO 4306/4106 is often taught in the fall and can be moved back to Fall of Sr. year.

** You may need to work with your ECS advisor for an override.

Revised 7/2021