

## 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.

<b>Fall – 18 hrs</b>	<b>Spring – 17 hrs</b>
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	STA 3381 or STA 2381
BIO 1305/1105: Bioscience I	
Chapel	Chapel
BIC 1212 Examined Life I (waive, but must take MTH 1321); replace with LF	
<b>Summer I</b>	<b>Summer II</b>
<b>Fall – 17 hrs</b>	<b>Spring 17 hrs</b>
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
CHE 1301/1101: Chemistry I/Lab	CHE 1302/1102: Chemistry II/Lab
<b>Summer I</b>	<b>Summer II</b>
<b>Fall - 16-17 hrs</b>	<b>Spring - 16-17 hrs</b>
BINF 3350: Genomics and Bioinformatics	BINF 3360: Intro to Computational Biology
CSI 2334: Intro Computer Systems	CSI 3336: Systems Programming
CSI 3335: Database Design	BIO 4306/4106: Molecular Genetics**
CHE 3331 Organic Chemistry I	CHE 3332: Organic Chemistry II
Language ☞	Language ☞
LF course	
<b>Summer I</b>	<b>Summer II</b>
<b>Fall – 12 hrs</b>	<b>Spring – 13 hrs</b>
BINF 43C9: Capstone	BIC 3358: Biblical Heritage and Ethics
CSI 3372: Software EGR. II or CSI 4337: Operating Systems	CSI Elective
CHE 3238: Organic Chemistry Lab	Biology Elective(s) – (4 hrs)*
Elective	PWR 3300
LF Course	

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, or CHE 4341.

\*\*Request override from your ECS advisor after completing BIO 2306/2106.

Revised 7/2021