

### BIC – B.S. in ENGINEERING (BSE) Degree Planner (Flexible Option)

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

<b>Fall – 15 hrs</b>	<b>Spring – 16 hrs</b>
BIC 1212: Examined Life I	BIC 1324: World Cultures II
BIC 1314: World Cultures I	PHY 1420: Physics I
BIC 1413: World of Rhetoric I	EGR 1302: EGR Analysis
EGR 1301: Intro to EGR	MTH 1322: Calculus II
MTH 1321: Calculus	CHE 1301: Chemistry I
<b>Summer I – 3-4 hrs</b>	<b>Summer II – 3-4 hrs</b>
FOREIGN LANGUAGE	FOREIGN LANGUAGE
<b>Fall – 17 hrs</b>	<b>Spring – 16 hrs</b>
BIC 2334: World Culture III	BIC 2344: World Cultures IV
BIC 2330: Social World I	BIC 2340: Social World II
ME 2320: Statics	MTH 2311: Linear Algebra
MTH 2321: Calculus III	MTH 3325: Differential Equations
PHY 1430: Physics II	ELC 2330 Electrical Circuit Theory
HP 11xx	ELC 2130 Electrical Circuit Theory Lab
<b>Summer I</b>	<b>Summer II</b>
<b>Fall – 18 hrs</b>	<b>Spring – 18 hrs</b>
ELC 3335 Signals and Systems	Major Elective
EGR 3380: EGR Design I	Major Elective
EGR Elective	Major Elective
Math and Basic Science Elective	Major Elective
STA 3381 Statistical Methods	Concentration Elective
Concentration Elective	ENG 3300: Technical Writing
<b>Summer I</b>	<b>Summer II</b>
BIC 3358: Biblical Heritage/Ethics	
<b>Fall – 15 hrs</b>	<b>Spring – 15 hrs</b>
Major Elective	EGR 4390: EGR Design II
Major Elective	Major Elective
Concentration Elective	Major Elective
ECO 3308: EGR Economics	Concentration Elective
Concentration Elective	EGR 3305 Social/Ethical Issues
<b>Summer I</b>	<b>Summer II</b>