

**Bachelor of Science (B.S.) degree with major in Engineering
with Electrical/Computer Concentration
Sample Four-Year Plan**

Freshman Year – Fall (15 hours)

CHM 1124 General Chemistry I
COR 1002 Gateway Seminar in Christian Scholarship
EGL 1013 English I: Composition
EN 1112 Engineering Concepts and Design
MTH 1134 Calculus I

Freshman Year – Spring (16 hours)

BBL 1013 Old Testament Survey
EGL 1023 English II: Literary Analysis and Research
EN 1223 Concepts in Mechanical Engineering
EN 1323 Concepts in Electrical Engineering
MTH 1144 Calculus II

Sophomore Year – Fall (17 hours)

CS 1113 Introduction to Computing
EE 2213 Digital Electronics
HST 1013 Western Civilization I
MTH 2114 Linear Algebra and Differential Equations
PHY 2114 General Physics I

Sophomore Year – Spring (18 hours)

BBL 1023 New Testament Survey
EE 2223 Electrical Circuits
EN 2322 Engineering Economics
HST 1023 Western Civilization II
MTH 2123 Vector Calculus
PHY 2124 General Physics II

Junior Year – Fall (18 hours)

BBL 3003 Evangelical Theology
EE 3313 Electronics I
EN 3413 Linear Signals and Systems
ME 3113 Thermal Sciences
ME 3313 Statics and Strength of Materials
POL 2013 American Government

Junior Year – Spring (17 hours)

EE 3123 Embedded Systems
EE 3423 Signal Processing
EN 3222 Design Lab
MTH 3183 Probability and Statistics
___3 Philosophy elective
___3 hours Technical elective

Senior Year – Fall (18 hours)

EE 3323 Digital Systems
EE 4413 Digital Communications Theory
EN 3213 Engineering Materials Science
EN 3513 International Problem Solving
EN 4113 Engineering Design I
___3 hours Technical elective

Senior Year – Spring (17 hours)

BBL 4002 Capstone Seminar in Christian Life
EE 4123 Electromagnetics
EN 4123 Engineering Design II
EN 4323 Control Systems
___3 The Arts elective
___3 hours Technical elective

Total 136 hours