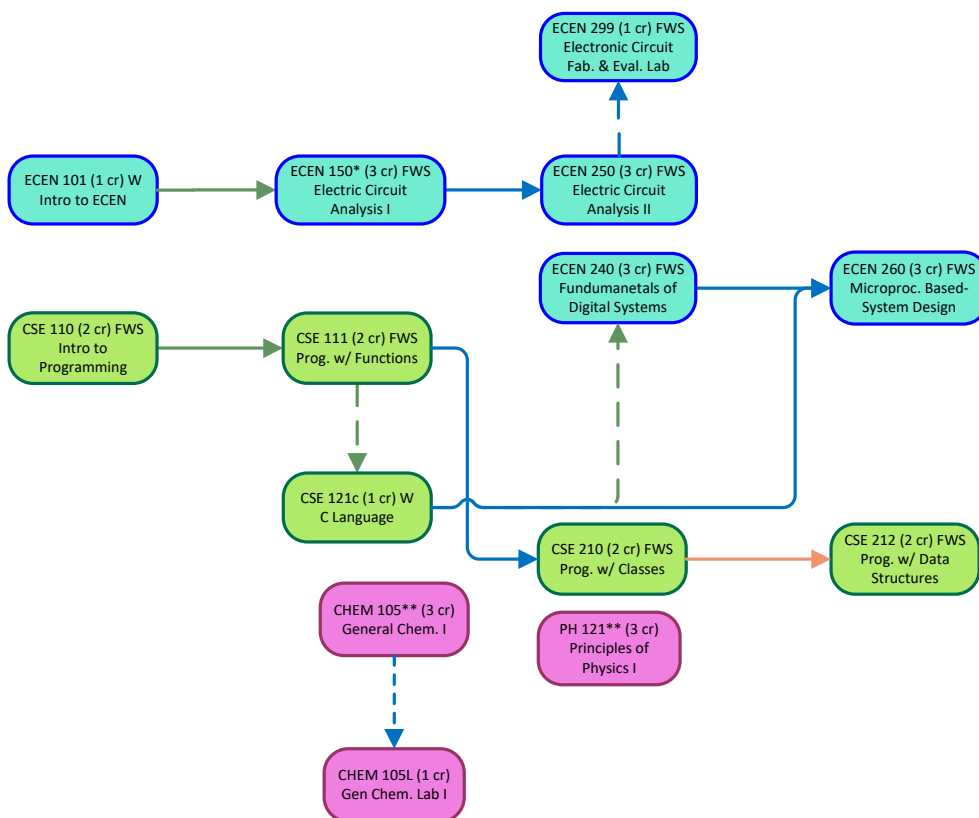


# Electrical and Computer Engineering (Major: Associate-Level)

## Course Dependencies

### 2025-2026 Catalog



\* Prerequisite: MATH 112X  
 \*\* Co-requisite: MATH 112X

**MATH AND SCIENCE**

**TAKE 4 CREDIT(S) FROM THE FOLLOWING:**

BIO 180L - INTRO TO BIOLOGY I LAB (1 CR)  
 BIO 181 & BIO181L - INTRO TO BIOLOGY II & LAB (4 CR)  
 BIO 221 & BIO222 - GENERAL MICROBIOLOGY & LAB (4 CR)  
 BIO 240 - NEUROBIOLOGY (4 CR)  
 BIO 264 - HUMAN ANATOMY & PHYSIOLOGY I (3 CR)  
 CHEM 106 & CHEM 106L - GENERAL CHEMISTRY II & LAB (4 CR)

GEOL 111L - PHYSICAL GEOLOGY LAB (1 CR)  
 GEOL 112 - HISTORICAL GEOLOGY (4 CR)

MATH 113 - CALCULUS II (3 CR)  
 MATH 215 - MULTIVARIABLE CALCULUS (4 CR)  
 MATH 316 - DIFF EQN. WITH LINEAR ALGEBRA (4 CR)  
 PH 220 - PRINCIPLES OF PHYSICS III (3 CR)  
 PH 250 - INTERMEDIATE PHYSICS LAB (1 CR)

**General Elective Credits**

Take 8 credit(s) from  
 Any eligible University credits.

## General Education for Applied Associate Programs

### Religion

**Complete all of the following**

**Take 2 of the following:**

REL 200C - The Eternal Family (2 cr)  
 REL 225C - Foundations of the Restoration (2 cr)  
 REL 250C - Jesus Christ & His Gospel (2 cr)  
 REL 275C - Teachings of the Book of Mormon (2 cr)

**Take 4 credit(s) from:**

Any other REL courses.

### Quantitative Reasoning

**Complete 1 of the following:**

MATH 108X - Math for Real World (3 cr)  
**MATH 112X - Calculus I (4 cr)**  
 MATH 119 - Applied Calculus for Data Analysis (4 cr)  
 ECON 215 - Quantitative Methods (4 cr)  
 MATH 221A - Business Statistics (3 cr)  
 MATH 221B - Biostatistics (3 cr)  
 MATH 221C - Social Science Statistics (3 cr)  
 MATH 221D - Introductory Statistics with R (3 cr)

### Writing

**Complete all of the following**

**Take the following:**

ENG 150 - Writing & Reas Foundations (3 cr)

**Take 1 of the following:**

ENG 301 - Adv. Writing and Research (3 cr)  
 BUS 301 - Adv. Writing Prof Contexts (3 cr)

### College Success (First Semester)

**Complete 1 of the following**

**Take the following:**

BYUI 101 - Experience BYUI (1 cr)

**or Take 1 of the following:**

GE 101 - Growth & Grit (1 cr)  
 GE 102 - Academic & Emotional Well-Being (1 cr)  
 GE 103 - Online University Skills (1 cr) (Online Only)  
 GE 105 - Study and Life Skills (2 cr)  
 GS 100 - Career and Self Discovery (1 cr)