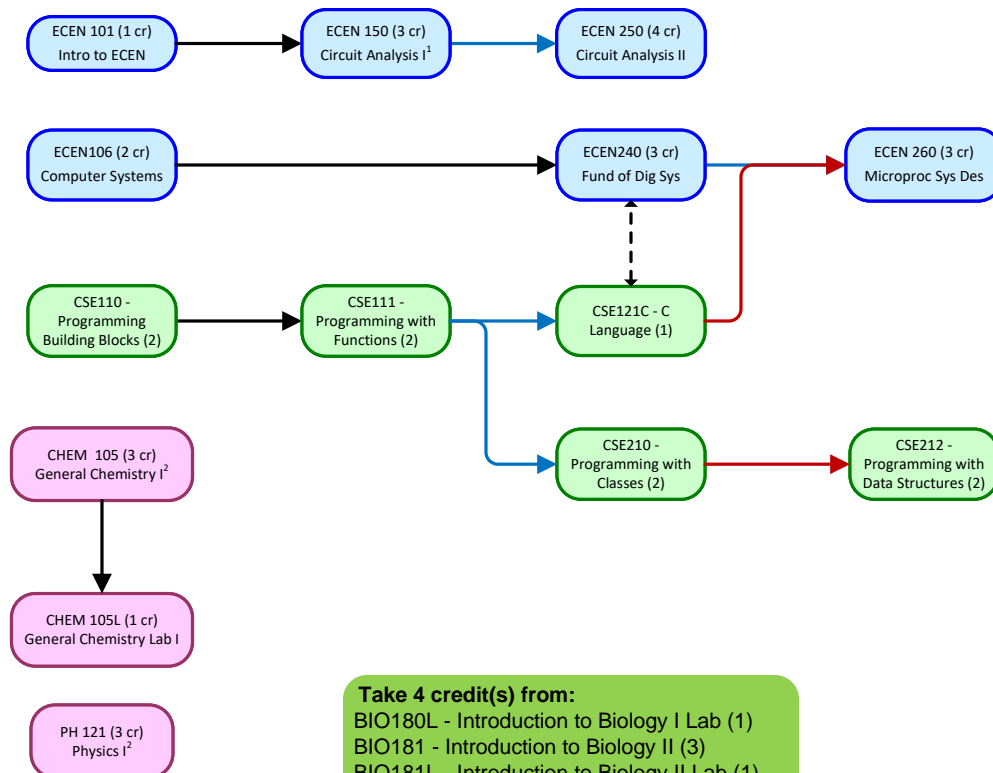


# Electrical and Computer Engineering (Major: Associate-Level) Course Dependencies 2022-2023 Catalog



1. Prerequisite: MATH 112X
2. Co-requisite: MATH 112X

### Take 4 credit(s) from:

BIO180L - Introduction to Biology I Lab (1)  
 BIO181 - Introduction to Biology II (3)  
 BIO181L - Introduction to Biology II Lab (1)  
 BIO221 - General Microbiology (3)  
 BIO222 - General Microbiology Lab (1)  
 BIO240 - Neurobiology (4)  
 BIO264 - Human Anatomy & Physiology I (3)  
 CHEM106 - General Chemistry II (3)  
 CHEM106L - General Chemistry Lab II (1)  
 GEOL111L - Physical Geology Lab (1)  
 GEOL112 - Historical Geology (4)  
 MATH113 - Calculus II (3)  
 MATH215 - Multivariable Calculus (4)  
 MATH316 - Diff Eqn with Linear Algebra (4)  
 PH220 - Principles of Physics III (3)  
 PH250 - Intermediate Physics Lab (1)

**General Elective Credits**  
 Take 6 credit(s) from  
 any eligible University credits.

## General Education for Applied Associate Programs

### Religion

Complete all of the following

Take 2 of the following:

REL200C - The Eternal Family (2)  
 REL225C - Found of the Restoration (2)  
 REL250C - Jesus Christ & Gospel (2)  
 REL275C - The Teachings of BoM (2)

Take 4 credit(s) from  
 any other REL courses.

### Quantitative Reasoning

Complete 1 of the following

MATH108X - Math for Real World (3)  
**MATH112X - Calculus I (4)**  
 MATH119 - Appl Calc for Data Anal (4)  
 ECON215 - Quantitative Methods (4)  
 MATH221A - Business Statistics (3)  
 MATH221B - Biostatistics (3)  
 MATH221C - Social Science Statistics (3)

### Writing

Complete all of the following

Take the following:

ENG150 - Writing & Reas Found (3)

Take 1 of the following:

ENG301 - Adv Writing and Research (3)  
 BUS301 - Adv Writing Prof Contexts (3)  
 GEOL316 - Geowriting (3)  
 HUM305 - Writing & Anal in Human (3)

### College Success

Take 1 of the following:

GE101 - Freshman Seminar (1)  
 GE103 - Online University Skills (1)  
 GE105 - Study and Life Skills (2)  
 GS100 - Career and Self Discovery (1)