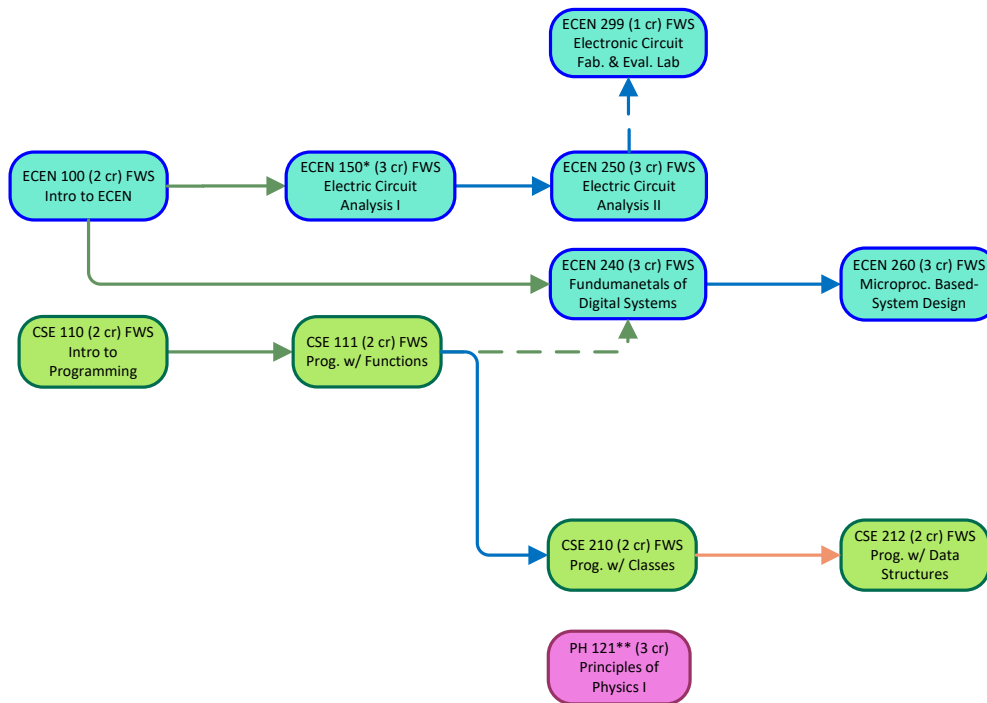


Electrical and Computer Engineering (Major: Associate-Level) Course Dependencies 2026-2027 Catalog



MATH AND SCIENCE
TAKE 8 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 105 & CHEM 105L - GENERAL CHEMISTRY I & LAB (4 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.

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

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)