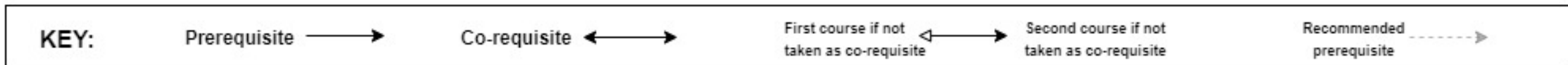
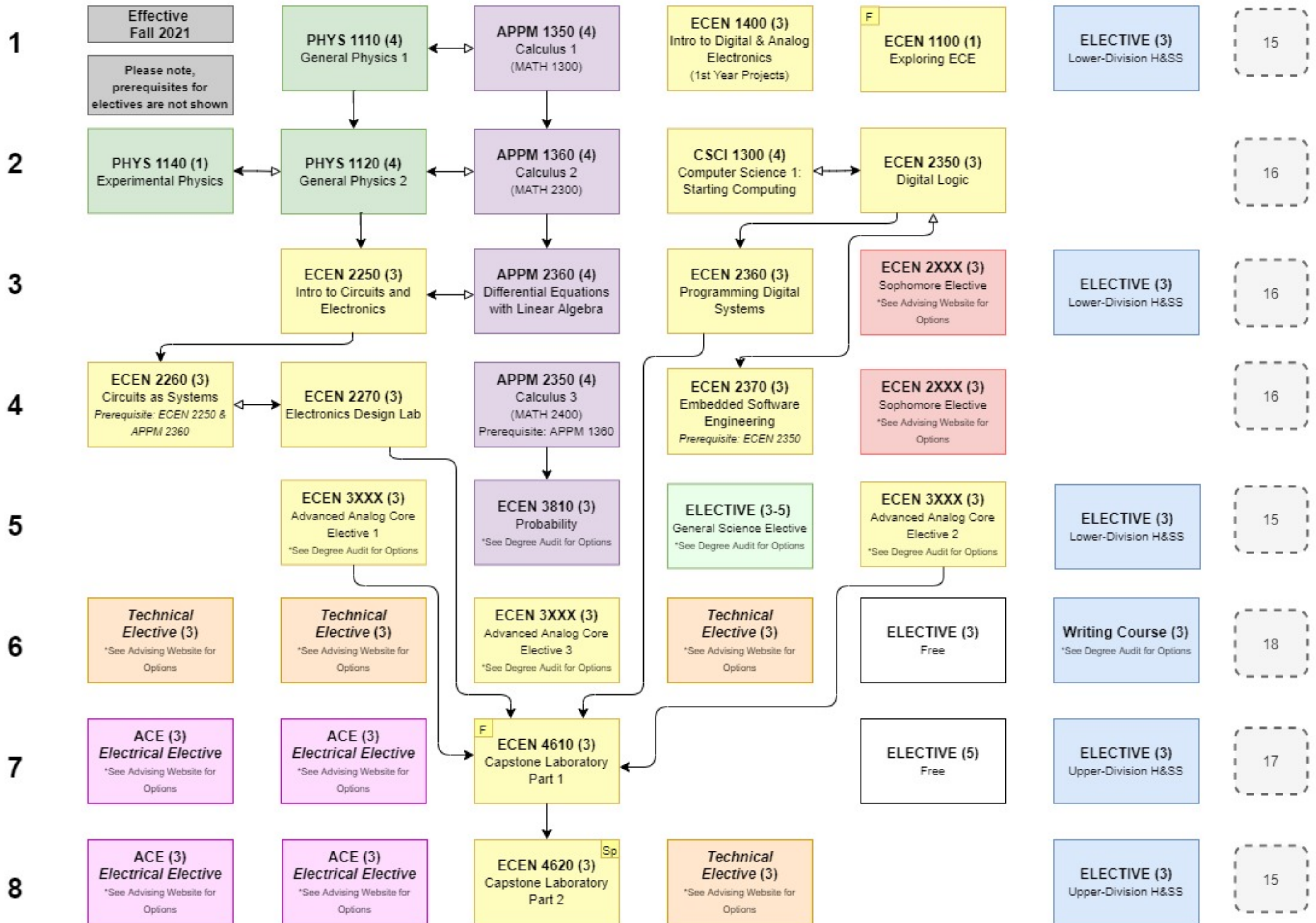


ELECTRICAL ENGINEERING CURRICULUM (4-Year Plan)

F Sp = Semester usually taught



TOTAL: 128

Additional Graduation Requirements:

Minimum Academic Preparation Standards (MAPS) Requirement:

Engineering MAPS
Social Science

Engineering MAPS
Math

Engineering MAPS
Foreign Language

Engineering MAPS
English

Engineering MAPS
Natural Science

GPA Requirements:

2.250 Cumulative
GPA

2.250 Major
GPA

[Course Substitutions](#)

Writing Requirement:

- ENES 1010 - Engineering, Ethics and Society (first-year students only)
- ENLP 3100 - Complex Leadership Challenges (Instructor consent required for students not in Engineering Leadership)
- ENES 3100 - Seminar in Engineering, Ethics & Society
- WRTG 3030 - Writing on Science and Society
- WRTG 3035 - Technical Communication and Design
- PHYS 3050 - Writing in Physics

[Humanities & Social Science Electives](#)

General Science Electives:

- PHYS 2130 General Physics 3
- EBIO 1210 General Biology 1 (lab optional)
- MCDB 1150 Intro to Molecular Biology
 - Recommended for students interested in the Biomedical Engineering Minor
- IPHY 3410 Intro to Human Anatomy
- CHEN 1201 General Chemistry for Engineers
- CHEN 1211 Accelerated Chemistry for Engineers
- CHEM 1113 General Chemistry 1
 - This refers to transfer credit or Advanced Placement (AP) credit. Engineering students can't take CHEM 1113

[Sophomore Electives](#)

[Software Electives](#)

[Technical Electives \(TE\)](#)

[Advanced Concentration Electives \(ACE\)](#)