Electrical Engineering Flow Chart (AY 20-21, AY 21-22)

Prerequisite “C” or better required for all EE prerequisite courses

Concurrent enrollment

Corequisite

Offered Spring Only

Offered Fall Only

USP Course

2. PHYS 1210: No credit can be earned in PHYS 1210 if taken after ES 2120.
3. PHYS 1220 Prerequisites: grades of C or higher in MATH 2200 and 2205, and concurrent enrollment in MATH 2210.
   PHYS 1220 should be taken before or concurrently with ES 2210.
4. MATH 2310 Prerequisites: grade of C or better in MATH 2205 and MATH 2210. Note: MATH 2210 is required for the sequel.
5. EE 2220 is a corequisite for EE 3310 and prerequisite for EE 3330.
6. EE 2390 Prerequisites: COSC 1010 or COSC 1030 or ES 1060, and MATH 2205.
7. EE 3150 Prerequisites: ES 2210, MATH 2210, and PHYS 1220.
8. EE 3310 Prerequisites: PHYS 1200 or ES 3150 and EE 2220 as a corequisite
9. EE 4075 Prerequisites: MATH 2205 and (COSC 1010 or ES 1060) and (MATH 2250 or MATH 2310) or consent of instructor.
10. EE 4220 Prerequisites: EE 3220 and MATH 2210
11. EE 4440 Prerequisites: EE 3220 and EE 4220
12. COM3 to satisfy this requirement with EE 4820/4830 the COM2 course must be taken before EE 4820 and
    EE 4820 and EE 4830 must be taken in sequence. Prerequisites: EE 2220, EE 2390, and EE 3310 or concurrent enrollment, plus 6 hours of 4000 level EE/BE classes, or concurrent enrollment.

Students must have a minimum cumulative GPA of 2.0 in all Engineering courses for graduation. A grade of C (2.0) or higher is required for all prerequisite courses.

Students must complete a minimum of 42 hours of upper division coursework, 30 hours of which must be from the University of Wyoming.

Math/Science Elective: One course from the ECE Math/Science Elective List. ABET requires a minimum of 30 hours of a combination of college level mathematics and basic sciences (some with experimental experience) appropriate to the discipline. Basic sciences are defined as biological, chemical, and physical sciences.

EE Electives: A minimum of 19 hours of EE electives and Technical electives is required. A minimum of 16 credit hours of non-required EE courses offered by the ECE Department. Suggestions are as follows:
   Electronics: EE 4250, 4300, 4330, 4340, 4360, 4560, BE 4810, BE 4820
   Communication/Signal Processing: EE 4245, 4300, 4345, 4870
   Systems & Controls: EE 5210, 5400
   Power Engineering: EE 4510, 4540, 4550, 4560
   Digital/Computer: EE 4360, 4490, 4590, 4870, 4970, 4990


Revised: June 2021