Brigham Young University

Computer Engineering Flowchart

Note: This flowchart is a graphical presentation of the requirements in the 2010-2011 catalog. Please refer to the catalog for exact requirements.

April 8, 2010

Supporting Courses
26 - 27 hours

- Phy 121 — 3 L — FWSS
- Math 112 — 4 — FWSS
- Chem 105 or Chem 111 — 4L — FWSS
- Phy 220 — 3 L — FWSp
- Math 113 — 4 — FWSS
- Engl 312 or 316 — 3 — FWSS
- Math 313 — 3 — FWSS
- Math 334 — 3 — FWSS

CS-Core
13 hours

- CS 142 — 3 L — FWSS
- CS 235 — 3 L — FWSS
- CS 236 — 3 L — FWSS
- CS 240 — 4L — FWSu
- CS electives

CS Electives
CS 340, 345, 360, 428, 431, 452, 455, 456, 460, 462, 465, 470, 478, 486, or 5xx

EE-Core
36 hours

- ECEn-CS 124 — 3 L — FWSp
- ECEn 224 — 3 L — FW
- ECEn 320 — 3 L — FW
- ECEn 324 — 3 L — FWSp
- ECEn 212 — 5 L — FWSp
- ECEn 313 — 5 L — FWSp
- ECEn 380 — 4 L — FWSp
- ECEn 370 — 3 — FW
- ECEn 191 — 0.5 — FW
- ECEn 391 — 0.5 — F
- ECEn 490 — 4L — FW
  See Note: Capstone Option
- ECEn 362 — 2 L — FWSp

Core Electives
Choose at least 2 courses from: 425,427, 451

- ECEn 425 — 4 L — F
- ECEn 427 — 4 L — F
- ECEn 451 — 4 L — W
- ECEn 443 — 4 L — W
- ECEn 445 — 4 L — F
- Phy 281 — 3 L — F
- ECEn 450 — 3 — W
- ECEn 452 — 1 L — W
- ECEn 487 — 4 L — W
- ECEn 483 — 4 L — F
- ECEn 485 — 4 L — W

Prerequisite →
Corequisite - - →

Technical Electives
17 credit hours

Complete requirements in Core Electives. Choose remaining courses from additional core electives, other ECEn technical electives, or CS electives.
Core electives + other technical electives = 17 credit hours.

Notes:
- ✓ Before enrolling in ECEn 212, you must pass Phy 220 and Math 113 with an average grade of B or better, or get clearance from the department advisor.
- ✓ All classes in the Supporting (green), EE-core (blue), and CS-core (pink) sections must be taken to graduate.
- ✓ Before taking any course, all prerequisite courses must be completed first.
- ✓ Capstone Option: ECEn 490 and 2 tech electives may be replaced by ME 475/476.