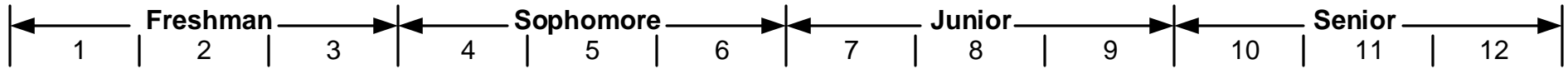


Computer Engineering Curriculum Flow Chart

Version 4.3, for F'19 freshmen



EL Elective
 — Pre-requisite
 - - - Co-requisite

-2- Sophomore+
 -3- Junior+
 -4- Senior

Communication

GS1001 4 cr GS1002 4 cr GS1003 4 cr

Professional

OR402 1 cr HU432 3 cr

Business

BA3411 3 cr BA3423 3 cr BA2220 3 cr

Electives

Sci EL 3 cr Free EL 3 cr M/S EL 3 cr HU/SS EL 3 cr HU/SS EL 3 cr HU/SS EL 3 cr

HU/SS EL 3 cr HU/SS EL 3 cr

Tech EL 3 cr Tech EL 3 cr Free EL 3 cr

HU/SS EL – two must be HU, two must be SS, one can be either
 Sci EL – most CH, PH, SC, BI prefix courses
 M/S – Math/Science, same as Sci EL plus MA prefix courses
 Tech EL – select EECS courses, typically CE, EE, SE, CS prefix

Basic Science

PH2011 4 cr PH2021 4 cr PH2031 4 cr PH3600 4 cr

Mathematics

MA120 or equivalent → MA136 4 cr → MA137 4 cr → MA2314 4 cr → MA235 4 cr → MA2323 3 cr → MA262 3 cr → MA2310 3 cr → MA383 3 cr

Senior Team Project

CE4000 3 cr CE4010 3 cr CE4020 3 cr

Complete N-2 core courses through junior year or have approved plan with ≤ 1 extra quarter

Circuits

EE2050 4 cr EE2060 4 cr EE2070 3 cr

Circuit Applications

EE3032 4 cr EE3221 4 cr CE3101 4 cr

Digital Logic

CE1901 4 cr CE1911 4 cr CE1921 4 cr

Embedded Systems

CE2801 4 cr CE2812 4 cr CE2820 4 cr CS3841 4 cr

Networking & Security

CE4951 4 cr CE4961 4 cr CS4920 3 cr

Software

CS1011 4 cr CS1021 4 cr CS2852 4 cr SE2030 3 cr CS3210 4 cr

CS1011 or procedural programming experience

Rev 01 3/6/2019 16 + 16 + 16 = 48

16 + 15 + 17 = 48

17 + 15 + 17 = 49

16 + 16 + 15 = 47

