

The UCSB Computer Engineering Program

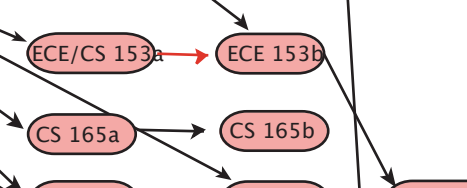
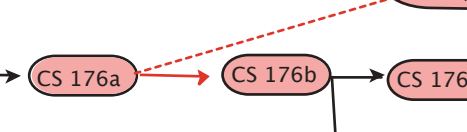
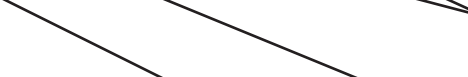
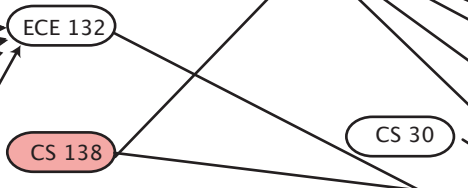
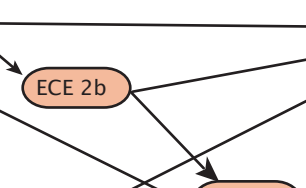
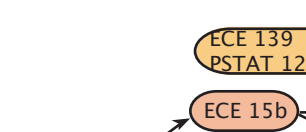
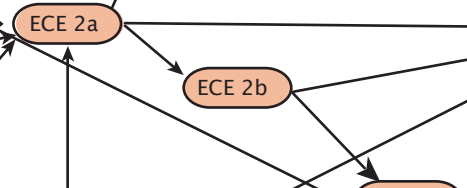
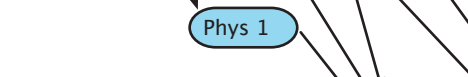
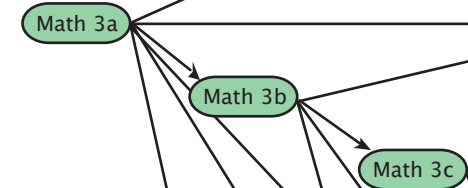
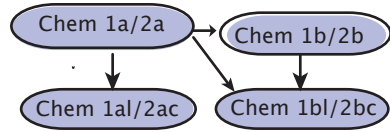
Freshman

Sophomore

Junior

Senior

Sequence Topics



COMPUTER NETWORKS
(either ECE 155a & ECE 155b
OR CMPCSC 176a & CMPCSC
176b)

DISTRIBUTED SYSTEMS
(ECE 151 or CMPCSC 171 and
one or both of ECE 155a or
CMPCSC 176b; ECE 155b or
CMPCSC 176b)

COMPUTER-AIDED DESIGN
(CAD) FOR INTEGRATED
CIRCUITS(ECE 156a and
ECE 156b)

SENIOR CAPSTONE PROJECT
(ECE 189a and 189b OR CS
189a and 189b)

COMPUTER DESIGN SYSTEMS
(ECE 153a or CMPCSC 153a
and ECE 153b)

PROGRAMMING LANGUAGES
(CMPCSC 160 and CMPCSC
162)

VERY LARGE SCALE
INTEGRATION(ECE 124a
and ECE 124d)

REAL-TIME COMPUTING &
CONTROL(ECE 147A and
ECE 147b and ECE 157)

MULTIMEDIA
(two or more of ECE 178;
ECE 181b or CMPCSC 181b;
ECE 160 or CMPCSC 182)

The senior elective program must meet the following requirements:

- at least 8 courses, denoted by:
- at least 32 units;
- at least 2 sequences;
- includes Capstone Project

Sequences are denoted by: or

Faculty advisors must determine, in advance, the eligibility of a proposed elective program.

This chart has been simplified and is only for general guidance. Please refer to the UCSB catalog for definitive information on the course prerequisites and degree requirements. Prerequisites are shown by arrows.