

CS 111x, Intro
to Program'ing

(one can place
out of 1110 via a
placement exam
or AP credit)

Required

CS Elective

Courses not listed:
CS 1010 cannot count;
CS 1120, 2220, & 4998
are BA CS courses

CS 2102,
Discrete Math

CS 2110, SW
Dev Methods

CS 2330, Dig
Logic Design

CS 3102,
Theory Comp

CS 2150, Prog
& Data Rep

CS 2190,
CS Seminar

CS 3330,
Comp Arch

CS 4102,
Algorithms

CS 3240, Adv
SW Dev Tech

CS 4414,
Oper Sys

CS 3205,
HCI

CS 4620,
Compilers

CS 4330, Adv
Comp Arch

All CS electives not listed
elsewhere on this graph (but check
the course descriptions for details).
5 CS electives are required. A CS
elective is any 3000-level or
4000-level class not otherwise
required for the major. CS 4993
can be used for at most 3 credits.
CS 4998 is in the BA program, and
does not count as an elective.

CS 4444,
Parallel Comp

CS 4457,
Networks

CS 4434,
Dependable

CS 4458,
Internet Eng.

Special topics courses (CS 2501,
3501, and 4501) have content and
pre-reqs that vary each semester

Note that ECE 4435 and ECE 4440 also count as CS electives,
but their pre-req is ECE 3430. These three courses are in the
Computer Engineering curriculum, and are not shown here.

Students must take one capstone course (CS 4971 or CS
4980) to fulfill the capstone requirement; note that CS 4970
(which counts as a CS elective) is a strict pre-req for CS 4971.