

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

Spring only

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

CS 4444,  
Parallel Comp

CS 4434,  
Dependable

CS 4457,  
Networks

CS 4458,  
Internet Eng.

All CS electives.

Unless otherwise specified in this graph, the pre-req for all CS electives is just CS 2150. You can always check the full course descriptions for details. Note that 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.

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 (which does NOT count as a CS elective). 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.