Course Requirements Flowchart

(Updated October 2013)

**Required**
- CS 2110, SW Dev Methods
- CS 2150, Prog & Data Rep
- CS 3240, Adv SW Dev Tech
- CS 111x, Intro to Program'ing
- CS 2102, Discrete Math

**CS Elective**
- CS 2330, Dig Logic Design
- CS 2190, CS Seminar
- CS 3330, Comp Arch
- CS 4102, Algorithms
- CS 3102, Theory Comp
- CS 2150, Prog & Data Rep

**Spring only**
- CS 3240, Adv SW Dev Tech
- CS 2190, CS Seminar
- CS 4414, Oper Sys
- CS 4330, Adv Comp Arch
- CS 4444, Parallel Comp
- CS 4434, Dependable
- CS 4444, Parallel Comp
- 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.

Note that ECE 4440 can also count as a CS elective, but its pre-req is ECE 3430 (which does NOT count as a CS elective). These two 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.