Computer Science Department

Suggested Sequence for ECE majors who pursue to minor in CS

Spring of Freshman year:
• Take CS 04.113 IOOP instead of CS 04.103 Computer Science and Programming

Spring of Sophomore year:
• Take CS 04.114 OODPA instead of CS 04.225 Principles of Data Structures

Take ECE 09.241 Digital Systems, ECE 09.342 Embedded Systems, and ECE 09.243 Computer Architecture as suggested by ECE Department. The following CS course requirements for the CS minor will be construed as equivalent credit when you take corresponding ECE courses:

• ECE 09.243 Computer Architecture is equivalent to CS 06.205 Computer Organization.
• ECE 09.241 Digital Systems and ECE 09.342 Embedded Systems are equivalent to CS 06.310 Principles of Digital Computers and CS 06.311 Digital Computer Lab. [Note that this equivalency fulfills one CS Elective of the two required for the CS minor.]

In addition, you will need to take the following three courses to receive minor in CS:
• Math 03.160 Discrete Structures (3 credits) NOTE: this is a pre-requisite for CS 04.222 DSA and other courses, thus should be taken as early as possible.
• CS 04.222 DSA (4 credits)
• Any additional CS elective identified as applicable to the CS Minor (3 credits), or any restricted CS elective (3 credits).

Note that MEA courses in the Engineering program are not equivalent to the Mathematics courses required for Computer Science programs.

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