Suggested Sequence
ECE Majors pursuing a CS Minor

This is a suggested sequence for ECE majors pursuing a CS minor degree. As always, please consult with your academic advisor to confirm your course selections.

When:	Take:	Instead of:
Spring of Freshman year	CS 04113 IOOP	CS 04103 Computer Science & Programming
Fall of Sophomore year	CS 04114 OOPDA*	CS 04225 Principles of Data Structures

* CS 04114 OOPDA is the second course in the programming sequence for the CS minor. ECE majors who do not complete the CS minor are still responsible for completing either CS 04225 or CS 04222. CS 04114 is not an alternative to either of these courses.

Take these ECE courses:	Equivalent to
ECE 09241 Introduction to Digital Systems	CS 06310 Principles of Digital Computers**
ECE 09243 Computer Architecture	CS 06205 Computer Organization

**this equivalency fulfills the CS elective requirement for the CS minor

In addition, you will need to take the following three courses to receive a minor in Computer Science	
MATH 03160 Discrete Structures	this is a pre-requisite for CS 04222 DSA and other courses and thus should be taken as early as possible.
CS 04222 Data Structures and Algorithms	
CS 01205 Computer Lab Techniques	

NOTE: MEA courses in the Engineering program are _not_ equivalent to the mathematics courses required for Computer Science programs