

COMPUTER ENGINEERING MINOR

A minor field program in Computer Engineering consists of 20 semester hours of EECE/CMSI coursework (not including math and programming prerequisites) to be determined in consultation with the Department Chairperson. Electrical Engineering majors are not eligible for the minor program in Computer Engineering.

The typical set of courses includes EECE 2100 Circuits I Lab, EECE 2110 Circuits I, EECE 2240 Introduction to Digital Systems, EECE 3140 Microprocessor and Microcontroller Systems, CMSI 3630 Data Structures and Algorithms in Engineering, and an upper-division EECE/CMSI elective. As many of the courses have prerequisites, the following suggested schedule is provided.

Course	Title	Semester Hours
Year 1		
Fall		
MATH 131	Calculus I ¹	4
Semester Hours		4
Spring		
ENGR 1200	Computational Engineering ²	2
EECE 2240	Introduction to Digital Systems	4
Semester Hours		6
Year 2		
Fall		
EECE 2100	Circuits I Lab	1
EECE 2110	Circuits I	3
Semester Hours		4
Spring		
CMSI 3630	Data Structures and Algorithms in Engineering	4
Semester Hours		4
Year 3		
Fall		
EECE 3140	Microprocessor and Microcontroller Systems	4
Semester Hours		4
Spring		
EECE/CMSI elective (3000-level or higher)		4
Semester Hours		4
Minimum Semester Hours		26

¹ MATH 131 may be substituted with MATH 112 or MATH 122.

² ENGR 1200 may be substituted with MATH 181, PHYS 1200, or CMSI 1010.