

COMPUTER ENGINEERING - UNDERGRADUATE MINOR

(26-27 Credits)

Prefix	Title	Credits
Prerequisites (All may be transferred)		
MATH 1511G	Calculus and Analytic Geometry I	4
or MATH 1511H	Calculus and Analytic Geometry I Honors	
MATH 1521G	Calculus and Analytic Geometry II	4
or MATH 1521H	Calculus and Analytic Geometry II Honors	
Lower Division (all may be transferred)		
ENGR 120	DC Circuit Analysis	4
ENGR 130	Digital Logic	4
ENGR 140	Introduction to Programming and Embedded Systems	4
CSCI 2210	Object-Oriented Programming	4
Upper Division (no transfer credits accepted)		
E E 362	Introduction to Computer Organization	4
E E 462	Computer Systems Architecture	3
Computer Engineering Elective (Select one of the following) ¹		3-4
CSCI 3790	Algorithm Design & Implementation	
CSCI 3730	Compilers and Automata Theory	
CSCI 3710	Software Development	
CSCI 3720	Data Structures and Algorithms	
CSCI 4120	Operating Systems I	
CSCI 4205	Computer Security	
CSCI 4140	Database Management Systems I	
E E 480	Introduction to Analog and Digital VLSI	
E E 490	Selected Topics (Applications of Parallel Computing XSEDE Collaborative Course)	
Total Credits		26-27

¹ Some of these electives may have additional prerequisites