COMPUTER ENGINEERING - UNDERGRADUATE MINOR

(26-27 Credits)

Prefix	Title	Credits
Prerequisites (All may be transferred)		
MATH 1511G	Calculus and Analytic Geometry I	4
MATH 1521G	Calculus and Analytic Geometry II	4
Lower Division (all may be transferred)		
ENGR 130	Digital Logic	4
ENGR 140	Introduction to Programming and Embedded Systems	4
C S 271	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
C S 371	Software Development	4
Computer Engineering Elective (Select one of the following) [1]		3-4
C S 343	Algorithm Design & Implementation	
C S 370	Compilers and Automata Theory	
C S 371	Software Development	
C S 372	Data Structures and Algorithms	
C S 474	Operating Systems I	
C S 478	Computer Security	
C S 482	Database Management Systems I	
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