MINOR IN COMPUTER ENGINEERING

Requirements

Students must follow these guidelines in order to qualify for this minor:

- No more than 6 credits hours may be taken outside the ECE department.
- Students must maintain a minimum 2.0 grade point average in all ECE courses taken.
- Students with a major in Electrical Engineering wishing to add a minor in Computer Engineering must take 6 Computer Engineering course credit hours in addition to those needed to satisfy their degree requirements.

Curriculum Requirements

Students wishing to minor in Computer Engineering must satisfy 18 credits hours specified as follows:

Code	Title	Credit Hours
Core Courses		
ECE 118	Introduction to Programming	3
ECE 211	Logic Design	3
ECE 212	Processors: Hardware, Software, and Interfacing	3
ECE 218	Data Structures	3
Select a minimum of 6 credit hours of computer engineering electives from the following:		6
ECE 315	Digital Design Laboratory	
ECE 316	Structured Digital Design	
ECE 318	Algorithms	
ECE 322	Systems Programming	
ECE 412	Software Engineering and Architecture	
ECE 413	Software Design and Verification	
ECE 414	Computer Organization and Design	
ECE 421	Computer Operating Systems	
ECE 454 & ECE 455	Digital System Design and Testing and Design-for-Testability Laboratory	
ECE 467	Database Design and Management	
ECE 511	Computability, Complexity, and Algorithms	
ECE 534	Communication Networks	
ECE 537	Principles of Artificial Intelligence	
ECE 548	Machine Learning	
Total Credit Hours		**18**