

Minor in Computer Science for Engineers and Scientists

**Department of Computer Science and Engineering
College of Engineering and Computer Science**

The objective of this minor is to provide students who have a background in engineering or science with a structured and coherent concentration of study in computer science that can be noted on the student's transcript. The program consists of 24 quarter hours covering a basic introduction to computer science, data structures, and an application area chosen from operating systems, software engineering, or database management systems.

Admission requirements

Students must have a 2.5 GPA or higher.

Student Performance

Students must complete all required minor courses with a "C" or higher

Minor Requirements	24
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Required Courses

(CS 240, CS 241, CS 242) or (CEG 220, CEG 221, CS 242) CEG 233, CS 400	20
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Elective Courses

CS 405 or CEG 433 or CEG 460	4
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Application Procedures

Students should complete the University form "Application for Entering a Dual Major/Double Degree Program or Adding a Minor" and send it to the Department of Computer science and Engineering.

For more information on this minor call the Department of Computer Science and Engineering at (937) 775-5131, or visit the Department in Room 303, Russ Engineering Center



Department of Computer Science and Engineering
Computer Science for Engineers and Scientists Minor
Checkout sheet for program study

Student: _____ UID _____ Major: _____ Total Hours Required: 24

Requirements:

1. Required Courses: (12 Hrs)	Hours	Grade
One Year Sequence of introductory Programming		
CS 240, Computer Programming I	4	_____
CS 241 Computer Programming II	4	_____
CS 242 Computer Programming III	4	_____
Or		
CEG 220, C Programming for Engineers	4	_____
CEG 221, Advanced C Programming for Engineers	4	_____
CS 242, Computer Programming III	4	_____
2. CEG 233: Linux and Windows: (4 Hrs)	4	_____
3. CS 400: Data Structures and Software Design: (4 Hrs)	4	_____
4. One of the following elective courses (4Hrs)		
CEG 433, Operating Systems	4	_____
CEG 460, Introduction to Software Engineering	4	_____
Or		
CS 405, Intro to Database Management Systems	4	_____

Program Approved by:

Advisor: _____ Date: _____