College of Engineering  
Department of Computer Science  
Minor in Computer Science  
For Students Entering Under UG Catalog 2023-2024

CS 1114  Introduction to Software Design       3 ___  
        Pre: none
CS 2114  Software Design and Data Structures   3 ___  
        Pre: CS 1114 (C) or CS 2064 (C)
MATH 2534 Introduction to Discrete Mathematics 3 ___  
        Pre: CS 1114 (C) or ECE 1574 (C-) or ECE 1004
            or CS 2064 (C)
CS 2505  Introduction to Computer Organization 3 ___  
        Co: MATH 2534 or 3034; Pre: CS 2114 (C)
CS 3114  Data Structures and Algorithms        3 ___  
        Pre: (CS 2114 (C) or ECE 3514 (C)), (CS 2505 (C)
            or ECE 2564 (C)), (MATH 2534 or MATH 3034)
CS 3/4/5XXX CS Elective                        3 ___  
        Pre: see class timetable
CS 3/4/5XXX CS Elective                        3 ___  
        Pre: see class timetable

Total                                             21 hours

Additional Requirements and Comments

A. CS minors must earn at least a “C” (2.0) in CS 1114, CS 2114, and CS 2505.
B. Students must have a CS minor GPA of at least 2.0 to successfully complete the minor. 
   The CS minor GPA includes all courses with the CS designator.
C. The following courses are not allowed for CS minor credit: CS 3604, CS 4944, CS 5040, 
   CS 5044, CS 5045, 5046, 5644, 5664, 5904, 5944, 5974, 5994.
D. To declare the CS minor, a student must be in a degree-granting major and must have 
   completed CS 2114 (C) or CS 2505 (C) or one of their equivalent substitutions listed 
   below.
E. CS Department accepts the following substitutions for the CS minor:
   - CS 1054 (C) will substitute for CS 1114 (C).
   - CS 2064 (C) will substitute for CS 1114 (C).
   - ECE 1574 (C) will substitute for CS 1114 (C).
   - ECE 2514 (C) will substitute for CS 1114 (C).
   - ECE 2574 (C) will substitute for CS 2114 (C).
   - ECE 3514 (C) will substitute for CS 2114 (C).
   - ECE 2564 (C) will substitute for CS 2505 (C).
   - MATH 3034 will substitute for MATH 2534.