College of Engineering
Department of Computer Science
Minor in Computer Science
For Students Entering Under UG Catalog 2022-2023

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

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.