

Title of minor:  
Computer Science Minor

Department:  
Department of Mathematics and Computer Science

Contact person:  
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244-3321

Total semester hours required:  
18

General description:  
A computer science minor complements majors from mathematics, physical science, chemistry, biology, forensic science by integrating students' knowledge and the problem solving skills learned through the study of computer methods.

- Courses Required:
1. CSCI 2000 - Structural Programming I - 3 sem. credit hrs.
  2. CSCI 2100 - Introduction To Computer Architecture - 3 sem. credit hrs.
  3. CSCI 3000 - Structural Programming I I - 3 sem. credit hrs.
  4. CSCI 3600 - Fund. Algorithm Dsn. and Anal. - 3 sem. credit hrs.
  5. Select two (2) of the following:
    - CSCI 3100 - Unix and C - 3 sem. credit hrs.
    - CSCI 3200 – Parallel Programming - 3 sem. credit hrs.
    - CSCI 4100 - Software Components - 3 sem. credit hrs.
    - CSCI 4250 - High Performance Computing - 3 sem. credit hrs.

Additional requirements for the minor:  
Students may have to take additional courses to fulfill the pre-requisites of the required courses. A minimum of nine semester hours of credits to the minor must be completed in residence.

Learning outcomes and methods for evaluating the extent to which students achieve these outcomes:  
Learning outcome: Students are able to formulate problems and apply critical thinking, problem solving skills, and technology to find solutions.

Method: Student survey upon completion of the program.