**Title of minor:**
Computer Science Minor

**Department:**
Mathematics and Computer Science

**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 - Structured Programming I - 3 sem. credit hrs.
2. CSCI 3000 - Structured Programming II - 3 sem. credit hrs.
3. Select four (4) of the following:
   - CSCI 2200 - Discrete Structures - 3 sem. credit hrs.
   - CSCI 3100 - Unix and C - 3 sem. credit hrs.
   - CSCI 3200 - Parallel Programming - 3 sem. credit hrs.
   - CSCI 3300 - Introduction to Computer Architecture - 3 sem. credit hrs.
   - CSCI 3400 - Data Structures - 3 sem. credit hrs.
   - CSCI 3600 - Fund. Algorithms Design and Analysis - 3 sem. credit hrs.
   - CSCI 3700 - Database Systems - 3 sem. credit hrs.
   - CSCI 4100 - Software Components - 3 sem. credit hrs.
   - CSCI 4250 - High Performance Computing - 3 sem. credit hrs.
   - CSCI 4300 - Introduction to Operating Systems - 3 sem. credit hrs.
   - CSCI 4500 - Mobile Computing - 3 sem. credit hrs.
   - CSCI 4550 - Computer Graphics - 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.

Last updated: 06/18/2019