Department of Mathematical Sciences

Requirements for the Minor in Computational Mathematics (21 credit hours).

MTH 1001  Calculus 1  
MTH 1002  Calculus 2  
MTH 2201  Differential Equations with Linear Algebra  

One of the following three courses:  
CSE 1502  Introduction of Software Development with C++  
CSE 1503  Introduction of Software Development with Fortran  
CSE 2050  Programming in a Second Language  

Two of the following three courses:  
MTH 4311  Numerical Analysis  
MTH 4320  Neural Networks  
MTH 4082/CSE 4082 Parallel Processing/Introduction to Parallel and Real-time Algorithms  

MTH 2xxx (or higher) courses must be used to satisfy the remaining 21-credit hour total if more than 9 credit hours of the courses for the minor are named courses in the student's major.