Mathematics
Major Requirements: 37 hours
MATH 2255 Calculus I
MATH 3403 Probability & Statistics
MATH 3453 Abstract Algebra
MATH 3463 Linear Algebra
MATH 3495 Calculus II
MATH 3533 Differential Equations
MATH 3545 Calculus III
MATH 4711 Mathematics Seminar
Mathematics Electives: 9 hours at the 3000-4000 level *(except courses specifically excluded in catalog).* List below
Supportive Requirements: 17 hours
MATH 1033 Trigonometry *(or passing score on the Trigonometry placement exam)*
CIS 2203 Programming Logic and Design
One of the following courses:
CS 3003 Scientific Computing
CIS 3243 Introduction to Java Programming
CIS 3423 COBAL
CIS 3422 Introduction to C# Programming
CIS 3443 Object Oriented Prog. Languages
Eight hours from the following courses:
CHEM 1103 General Chemistry I *AND*
CHEM 1121 General Chemistry I Laboratory
CHEM 1113 General Chemistry II *AND*
CHEM 1131 General Chemistry II Laboratory
PHYS 2203 College Physics I *or* PHYS 2313 University Physics I *AND*
PHYS 2231 College and Univ Physics I Lab
PHYS 2213 College Physics II   *or*   PHYS 2313 University Physics I *AND*
PHYS 2241 College and Univ Physics II Lab
NOTE: The lecture and lab component must be taken in the eight hours chemistry/physics supportive requirement
A minor is not required for this major
This major requires a total of 120 hours with a minimum of 40 hour 3000-4000 level credit