25 Credit Hours Required:

1. MATH 1310  Calculus and Analytic Geometry (5)  
   (MATH 1340 and MATH 1350 (6) may be substituted for MATH 1310)

2. MATH 2320  Calculus and Analytic Geometry II (5)

3. One of the following sets of two courses:  (6)
   - BA 2110  Business Analytics III: Descriptive Analytics
   - BA 2120  Business Analytics IV: Predictive Analytics
   or
   - MATH 4410  Probability and Statistics I
   - one of the following:
     - STAT 2000  Using Statistics
     - MATH 1150  Introduction to Statistics
     - MATH 2470  Fundamentals of Statistics
     - PSYC 2700  Quantitative Methods I
     - SOC 2690  Introductory Statistics
     - MATH 4420  Probability and Statistics II

4. STAT 4020  Regression Analysis (3)

5. STAT 4080  Experimental Design (3)

6. One of the following:  (3)
   - STAT 4060  Sample Design
   - STAT 4120  Applied Nonparametric Statistics
   - STAT 4140  Statistical Quality Control
   - STAT 4160  Time Series Analysis
   - STAT 4440  Data Mining in Business Analytics
   - MATH 4470  Exploratory Data Analysis

All students must complete at least 15 credit hours toward the minor that are not counted in the student’s major or specialization or another minor. Course substitutions for the minor must be approved by the department.

For non-business students, the total number of hours earned in the College of Business Administration courses may not exceed 25 percent or 30 hours of the 122 needed for graduation, counting the major and the minor. (Note: six hours of STAT and nine hours of ECON are exempt from this limitation.)

For further information contact:  
Dr. Arthur B. Yeh, Chair  
Department of Applied Statistics and Operations Research  
344A Business Administration Building  
(419) 372-2363