

The Certificate in Business Analytics provides a foundation in the emerging field of Analytics, the use of statistics and mathematical modeling, to optimize business performance.

**Students must earn a grade of C or better in each course that is used to meet certificate requirements.**

Name: \_\_\_\_\_

ID Number: \_\_\_\_\_

Certificate Completion Date: \_\_\_\_\_

Degree Sought: \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_

**Course Requirements (24 credits)**

**Required:**

\_\_\_\_ MA2330 Introduction to Linear Algebra (3)

\_\_\_\_ MA2720 Statistical Methods (3) **or**

\_\_\_\_ MA2710 Introduction to Statistical Methods (3) **or**

\_\_\_\_ MA3710 Engineering Statistics (3)

\_\_\_\_ MIS2100 Introduction to Business Programming (3) **or**

\_\_\_\_ CS1121 Introduction to Programming I (3) **or**

\_\_\_\_ MA1600 Introduction to Scientific Simulation (3)

\_\_\_\_ MIS3100 Business Database Management (3)

\_\_\_\_ MA3740 Statistical Programming and Analysis (3)

\_\_\_\_ MA4790 Predictive Modeling (3)

\_\_\_\_ CS4821 Data Mining (3)

**Select one of the following:**

\_\_\_\_ MKT3000 Principles of Marketing (3)

\_\_\_\_ OSM3000 Operations and Supply Chain Management (3)

\_\_\_\_ MIS3400 Business Intelligence (3)

Degree Services Validation Office Use Only
Date: _____
GPA for courses: _____
Total Credits: _____

Approved: \_\_\_\_\_

Department of Mathematical Sciences

Date: \_\_\_\_\_