Statistics and Analytics Master of Science

Business Analytics Concentration Course Requirements

Required Core Areas (12 hours)

Statistical Methods Core:

- ☐ ISYS 55003 Decision Support and Analytics

Regression Analysis Core (One of the following):

- ◊ ESRM 64203 Multiple Regression Techniques for Education
- ◊ ISYS 56203 Multivariate Analysis
- ◊ ECON 57403 Introduction to Econometrics
- ◊ ECON 66103 Econometrics I
- ◊ STAT 53133 Regression Analysis

Multivariate Analysis Core (One of the following):

- ◊ ESRM 64503 Applied Multivariate Statistics
- ◊ ISYS 57203 Advanced Multivariate Analysis
- ◊ ECON 66203 Econometrics II
- ◊ STAT 53533 Methods of Multivariate Analysis

Experimental Design Core (One of the following):

- ◊ ESRM 64103 Experimental Design
- ◊ ECON 54303 Experimental Economics
- ◊ ECON 69103 Experimental Economics
- ◊ STAT 53733 Experimental Design

Required Concentration Courses (9 hours)

- ☐ ISYS 51003 Data Analytics Fundamentals
- ☐ ISYS 58303 Data Management Systems
- ☐ ISYS 58403 Seminar in Business Intelligence and Knowledge Management

ISYS 5990V (Practicum) serves as master's comprehensive examination

Electives (9 hours)

Electives are chosen by the student in consultation with the Business Analytics Concentration Advisor. Electives may be any graduate course approved by the Advisor.