BUSINESS ANALYTICS, MSBA

The Master of Science in Business Analytics (MSBA) program is a full-time program designed to be completed on campus in two semesters. The program prepares recent college graduates with limited or no full-time, post graduate work experience who intend to pursue a career working in data-oriented positions in industry and government. The program provides a solid foundation to support the continual learning necessary throughout their career to manage data, apply cutting-edge methodologies to transform data into insights, interpret and communicate data effectively, make recommendations, and manage implementations.

Admissions Requirements

In addition to the minimum Graduate School admission requirements, to be considered for regular admission an application must include:

- Unofficial Transcripts
- Evidence of strong quantitative skills including the completion of an undergraduate introductory statistics course with a letter grade of *B* or higher, and an undergraduate calculus course with a letter grade of B or higher.
- Resume
- Statement of Purpose
- 3 Letters of Recommendation
- GPA of 3.3 or better
- GMAT (old version), GMAT Focus Edition, or GRE scores at the 60th percentile or greater
    - GRE/GMAT waiver consideration for applicants with a graduate degree. Contact the Program Coordinator for eligibility.

Permission to Continue: On a case-by-case basis, the MSBA admissions committee may consider students who do not meet the minimum GPA or GMAT/GRE standards but may have relevant work experience or other qualifying factors for "Permission to Continue" in the program.

See the Admission Criteria section of this catalog for more information.

Curricular Requirements

The Master of Science in Business Analytics (MSBA) program requires 30 credit hours and includes the following courses (substitutions are allowed with the approval of the program coordinator)

Required MSBA Courses		Hours
Fall Term Required Courses		
BAN 500	Bus Intelligence & Data Visual	3
MIS 501	App Dev Data-Driven Org	3
MIS 502	DB Des & Mgt Data-Driven Org	3
OM 500	MGT Science & Spreadsheet Mod	3
ST 541	App Stat Mod Analytics I	3
	Credit Hours Subtotal:	15
Spring Term Required Courses		
BAN 501	Predictive Model with Bus Appl	3
BAN 580	Business Analytics Capstone	3
OM 501	Adv App Model & Analysis	3
ST 542	App Stst Mod Analytics II	3
	Credit Hours Subtotal:	12
Elective Course Hours (any graduate level CBA course with Coordinator Approval)		**3**
Total Hours		**30**

Footnotes

1. Course substitutions are allowed with the approval of the program coordinator.

Transfer Credit

Transfer credits are not considered for MSBA courses.

Graduate School information on Transfer Credit.

Comprehensive Exam/Capstone Requirements

The MSBA program includes a mandatory Capstone Experiential Learning component in the program's last semester (BAN 580). This Capstone Project will require students to work in teams to:

- **Design an analytical study and data collection tools.**
- **Use various software to manipulate and analyze data.**
- **Interpret and present the result of their analysis.**
- **Recommend strategies based on the results of their analysis for a case or a project provided by an industry partner.**

The assignment will require the student teams to use the analytic concepts and software they have learned in the program to generate solutions for the assigned case or industry project. The student teams will be evaluated based on:

1. A comprehensive written report.
2. A formal presentation of their methodology, results, and recommendation(s).

Time Limits for Degree Completion Requirements

Graduate School information on Time Limits.

Academic Misconduct Information

Graduate School information on Academic Misconduct.

Withdrawals and Leave of Absence Information

The Capstone project course is offered in the Spring. Thus, if a student has to withdraw during the Spring semester, they would need to retake the seminar class the following Spring to join a current team for the Capstone Project.

Graduate School Information Withdrawals and Leave of Absence.

Academic Grievances Information

Graduate School information on Academic Grievances.

Grades and Academic Standing

Graduate School information on Grades and Academic Standing.

Graduate School Deadlines Information

Information on Graduate School Deadlines.

Application for Graduation Information

Information on the Application for Graduation.