MASTER OF SCIENCE IN BUSINESS ANALYTICS
LEARN TO MANAGE AND LEVERAGE BIG DATA

"Lying at the intersection of data analytics, information technology and business, our curriculum provides students the knowledge to integrate technical skills with business know-how in order to develop managerial strategies from real, large-scale datasets."

— Noyan Ilk
Assistant Professor
of Business Analytics

HIGH INDUSTRY DEMAND: Surging growth in digital information means businesses are seeking graduates who can transform this raw data into trusted analysis used to develop new financial strategies.

SOARING JOB GROWTH: New jobs for business analytic professionals are expected to exceed 35,000 in the next three years, an increase of more than 15 percent.

STEM DESIGNATED: The MS-BA qualifies as a Science, Technology, Engineering or Mathematics (STEM) degree, assuring graduates of employer demand and allowing eligible graduates on student visas to extend their U.S. work stay up to two years longer.

MOVE FORWARD TODAY: Apply by March 1 for summer entry. Complete our one-year, on-campus MS-BA in three semesters.

FLORIDA STATE UNIVERSITY
COLLEGE OF BUSINESS
Graduate Programs

business.fsu.edu/MS-BA

The FSU College of Business is accredited by the Association to Advance Collegiate Schools of Business (AASCB International).

Curriculum

The new, one-year Master of Science in Business Analytics degree program requires students to complete 11 courses (33 credit hours).

Core

All MS-BA students are required to complete 8 core courses (24 credit hours). Courses include:

ISM 5136   -   Data Analytics and Mining for Business (3 hrs)
ISM 5560   -   Data Management in Business Analytics (3 hrs)
ISM 5565   -   Foundational Concepts for Business Analytics (3 hrs)
ISM 5566   -   Forecasting, Revenue Management & Pricing (3 hrs)
ISM 5644   -   Programming for Analytics (3 hrs)
QMB 5755   -   Quantitative Methods in Business Analytics I (3 hrs)
QMB 5616   -   Probabilistic Optimization for Analytics (3 hrs)
ISM 5###   -   Analytics Capstone Lab (3 hrs)
New course number still being determined.

Electives

MS-BA students also are required to choose 3 additional elective courses (9 credit hours):
Options will include applications of analytical tools in specific business disciplines, such as marketing, human resources, operations, finance or real estate, including:
MAN 5375 - HR Analytics
RMI 5257   - Data Analytics in Risk Management and Insurance

Note: Program requirements are subject to change. For the most current published information, please visit **business.fsu.edu/MS-BA**.

Prerequisites

All applicants must have a bachelor's degree from a regionally accredited institution. Previous coursework in business is not required, but all applicants are expected to have a general knowledge of economics, finance, accounting, statistics, calculus and management principles.

Cost

The program follows the university's tuition rates. For a complete list of current estimated costs, visit **business.fsu.edu/MS-BA**.
Please note: Tuition and fees are subject to change.

Deadlines

Applications are due by March 1 for summer entry.

Admission guidelines

Admission to the Master of Science in Business Analytics program is highly competitive. The decision is based on a portfolio of qualifications, including prior academic experience, work experience, entrance exam scores (such as GMAT or GRE) and letters of recommendation. The entrance exam is a university requirement that may be waived if an applicant meets certain criteria. For exact criteria and instructions on requesting waivers, see **business.fsu.edu/waive**.

Application process checklist

I. The following items should be submitted through the Florida State Graduate Application portal, available exclusively online at **admissions.fsu.edu/gradapp:**

- Applicant Statement (obtain form at **business.fsu.edu/MS-BA**)
- Current resume/C.V., clearly indicating work experience including dates and positions held, noting full-time or part time employment. Management, business and leadership experience should also be clearly detailed.
- Three (3) letters of recommendation from employers or former college professors that speak specifically to the applicant's ability to successfully complete the MS-BA program (submitted by the recommenders in the online application).
- Nonrefundable application fee of $30.00 (see University Application or go to **fees.fsu.edu**)

II. The following items should be sent to the Admissions Office, PO Box 3062400, 282 Champions Way, Florida State University, Tallahassee, FL 32306-2400:

- One (1) official transcript from all colleges and universities attended (FSU transcripts are not necessary for FSU alumni, students)
- Online Florida Residency Declaration Form (see University Application or **admissions.fsu.edu/residency**)
- Official GMAT/GRE score(s) and, if applicable, TOEFL/IELTS score(s) (The TOEFL/IELTS score is a University requirement for international applicants; therefore, it cannot be waived). The code to send GMAT scores to Florida State is PN8K567, and the code to send GRE or TOEFL scores is 5219.

Note to international applicants: For more information concerning financial responsibilities, degree equivalency, etc., please visit: **admissions.fsu.edu/international/graduate**

Graduate Programs | (850) 644-6458 | gradprograms@business.fsu.edu