

Master of Science in Business Analytics

LEARN
FROM OUR
WORLD-CLASS
FACULTY



Business analytics is about transforming data into valuable business insights that might otherwise go unnoticed. As more companies turn to data-driven decision-making, the demand for analysts with the necessary technical skills increases rapidly.
—YONGTAO GUAN, LESLIE O. BARNES
PROFESSOR OF MANAGEMENT SCIENCE

CURRICULUM SNAPSHOT

Students in the program complete the following School of Business Administration courses:*

FALL SEMESTER

TERM 1

MAS 631 Statistics for Managerial Decision Making

MAS 637 Applied Regression Analysis

MAS 639 Data Acquisition, Preparation, and Visualization

BTE 601 Programming for Distributed Systems

MAS 633 Introduction to Quality Management

TERM 2

MAS 632 Management Science Models for Decision Making

MAS 646 Generalized Linear Models

BTE 620 Database Development for High Performance Computing

MAS 634 Administrative Systems for Quality Management

SPRING SEMESTER

TERM 1

MAS 640 Applied Time Series and Forecasting

MAS 648 Data Mining

MAS 635 Design of Experiment *Elective*

TERM 2

BUS 641 Business Analytics Capstone Project

MAS 649 Big Data Analytics

MAS 651 Machine Learning

MKT 675 Marketing Analytics

For more information visit
www.bus.miami.edu/grad

UNIVERSITY
OF MIAMI
SCHOOL OF BUSINESS
ADMINISTRATION



*Curriculum and class scheduling subject to change

PROGRAM HIGHLIGHTS

This specialized master's in business analytics program provides students the opportunity to:

- Earn a degree in a major international business center – Miami.
- Work with world-class faculty.
- Learn Tableau, R, SAS, Python, Azure, SQL and other computer programs relevant in this quickly evolving field.
- Have access to a Top 1000 supercomputer run by IBM Blue Chip.
- Complete a capstone project.
- Earn Six Sigma Green Belt certification.
- Graduate from a STEM accredited program.
- Attend a program that results in high career placement upon graduation.



M A S T E R O F S C I E N C E I N B U S I N E S S A N A L Y T I C S

MS

UNIVERSITY
OF MIAMI
SCHOOL OF BUSINESS
ADMINISTRATION

NON-PROFIT
ORGANIZATION
US POSTAGE
PAID
MIAMI, FLORIDA
PERMIT NO. 438

UNIVERSITY
OF MIAMI
SCHOOL OF BUSINESS
ADMINISTRATION

Graduate Business Admissions
221 Jenkins Building, PO Box 248505
Coral Gables, FL 33124-6524

SPECIALIZED MASTER'S PROGRAMS

Master of Science in Business Analytics

Master of Science in Finance

Master of Science in Management Studies with a Specialization in Leadership

Master of Science in Taxation

Master of Accounting

Master in Health Administration

Master in International Business Studies

Master of Arts in Economics

FULL-TIME MBA PROGRAMS

Two-Year MBA

One-Year MBA

Accelerated MBA in Real Estate

CONTACT OUR GRADUATE ADMISSIONS TEAM

305-284-2510

School of Business Administration

Graduate Business Programs

University of Miami

P.O. Box 248505

Coral Gables, FL 33124-6524

TEL 305-284-2510 or 800-531-7137

FAX 305-284-1878

mba@miami.edu

www.bus.miami.edu/grad



Master of Science in Business Analytics

PROGRAM BEGINS IN AUGUST

Business analytics is the science of translating vast amounts of data into clear, manageable information in order to help companies run their businesses. The University of Miami's Master of Science in Business Analytics program equips graduates with the knowledge and skills they need to help organizations use their data to achieve their financial, operational and strategic goals.

Over the course of 10 months, students learn how to turn abstract data into meaningful information that can be used to predict consumer behavior and forecast revenue and expenses for virtually any business model and any industry sector. The curriculum changes over time to keep students on top of this quickly evolving field.

FIELDS IN NEED OF BUSINESS ANALYTICS EXPERTS

- Financial Services
- Marketing
- Health Care
- Strategy Consulting
- Operations
- Sports

BENEFIT FROM THE UNIQUE UM EXPERIENCE



THE LAUNCHPAD® University of Miami

The Launch Pad at the University of Miami, an entrepreneurship coaching program, has supported the launch and growth of more than 385 new and early stage companies. Since 2008, University of Miami students and alumni have created:

3,700+
CLIENTS

2,400+
IDEAS

350+
COMPANIES

1,100+
JOBS



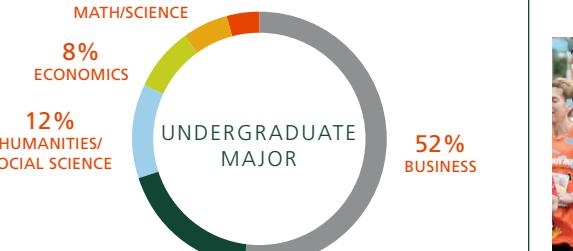
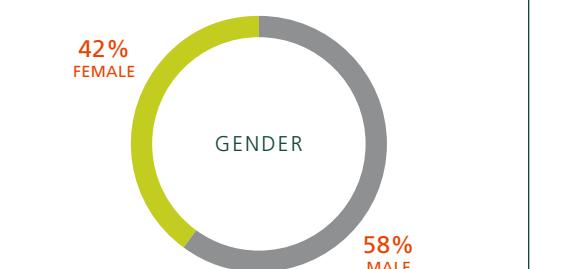
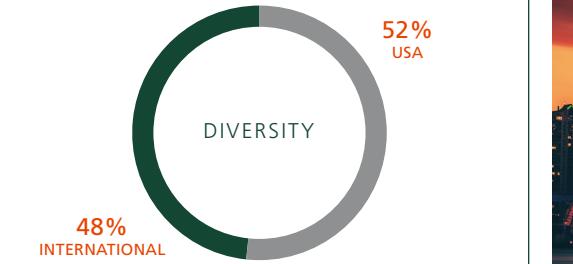
YELLOW RIBBON SCHOOL

The University of Miami proudly participates in the YELLOW RIBBON program for veterans who are 100% eligible for the Post 9/11 GI Bill.

A THRIVING GATEWAY BETWEEN THE UNITED STATES, LATIN AMERICA, EUROPE, AFRICA AND THE CARIBBEAN

GLOBAL NETWORK

MIAMI MS STUDENT BODY



MORE THAN 60
INTERNATIONAL
BANKS AND 100
ALTERNATIVE
INVESTMENT
COMPANIES



MIAMI
INTERNATIONAL
AIRPORT
RANKS NO.1 FOR
INTERNATIONAL
FREIGHT



JOIN OUR
GLOBAL
ALUMNI
NETWORK

Join our Global Alumni Network

Miami is one of the best cities in the world in which to study business. As a bustling hub for multinational trade, commerce and culture, it is the city of choice for banking, legal and accounting professionals, and attracts FORTUNE 500® companies.



25 FOREIGN
TRADE OFFICES,
55 FOREIGN
CONSULATES,
40 BINATIONAL
CHAMBERS
OF COMMERCE