Brandeis | INTERNATIONAL BUSINESS SCHOOL

Master of Science in Business Analytics (MSBA)

ABOUT BRANDEIS INTERNATIONAL BUSINESS SCHOOL

By teaching rigorous business, finance and economics with a global perspective, Brandeis International Business School prepares students to succeed in companies and organizations worldwide. The school is part of Brandeis University, a medium-sized private research university ranked among the most selective by U.S. News and World Report. Students have unsurpassed access to renowned faculty and a global network of more than 60,000 alumni in 160 countries.

Master of Science in Business Analytics (MSBA)

An MSBA degree from Brandeis International Business School equips students to transform data into actionable insights. Students learn data management and pre-processing, management-oriented visualization, data structures and analysis, selected machine learning methods and predictive modeling. They build models and execute analyses to address the current needs of businesses and solve real-world problems presented in cases.

PROGRAM OPTIONS

All program options begin in the fall.

16 MONTHS

Students complete the MSBA program in 16 months, including a required practicum.

12 MONTHS

Students complete the MSBA program in 12 months by completing coursework in the summer.

DUAL DEGREES

The MSBA/MA and MSBA/MBA dual degree programs can each be completed over four to five semesters. Complete either the MSBA/MA or MSBA/MBA with a combined 77 credits, instead of the 105 credits required to earn each degree independently.

PART-TIME MSBA

Students can finish the part-time MSBA program in two to three years, taking four to five classes a year. Optimal for students with flexible schedules, as courses are held throughout the day.

GLOBAL RECOGNITION

RANKED #9 IN THE U.S. FOR BEST MASTER OF BUSINESS ANALYTICS PROGRAMS. (TFE TIMES, 2022)

EXPERIENTIAL LEARNING

THE MSBA PROGRAM EMPHASIZES IN-CLASS CASE STUDIES AND EXPERIENTIAL LEARNING OPPORTUNITIES, INCLUDING INTERNSHIPS AND REAL-WORLD FIELD PROJECTS.

STEM DESIGNATED

STUDY IN A PROGRAM RECOGNIZED FOR ITS QUANTITATIVE STRENGTH. INTERNATIONAL STUDENTS CAN EXTEND THEIR POST-GRADUATE PRACTICAL TRAINING BY 24 MONTHS.

CURRICULUM

MSBA students take a variety of core and elective courses to develop a solid foundation in business analytics, while simultaneously strengthening their skill sets across various domains.

SAMPLE CORE COURSES

Foundations of Data Analytics

Python and its Application to Business Analytics

Information Visualization

Machine Learning and Data Analysis for Business and Finance

Applied Econometrics with R

SAMPLE ELECTIVE COURSES

Applications of System Dynamics

Supply Chain Analytics

Competition and Strategy

Managing Technology and Innovation

Computer Simulation and Risk Analysis

Marketing Analytics

Social Media and Analytics

Digital Marketing

PRIMED FOR CAREER SUCCESS

Students receive valuable guidance from the start of the program. Career Coaches, mentors and committed alumni in companies worldwide provide expertise and lifelong support for career development.

International Business School graduates have applied their analytics knowledge at companies including Deutsche Bank, Moody's Analytics, Bank of America, Merrill Lynch, JPMorgan Chase, Brown Brothers Harriman, Walker & Dunlop and BGG North America.

"My focus in the program was financial analytics but there is a wide range of interests in the MSBA community: a lot of entrepreneurialism, FinTech and startups, economic/policy research. It's nice, because you can learn from people with different interests."

Laurence Finch, MSBA'21
Analyst
BlackRock

APPLICATION DEADLINES

November 1

January 15

March 1

April 15

APPLICATION REQUIREMENTS

Prerequisite: Statistics

Transcripts: From all post-secondary institutions

Essay

Resume

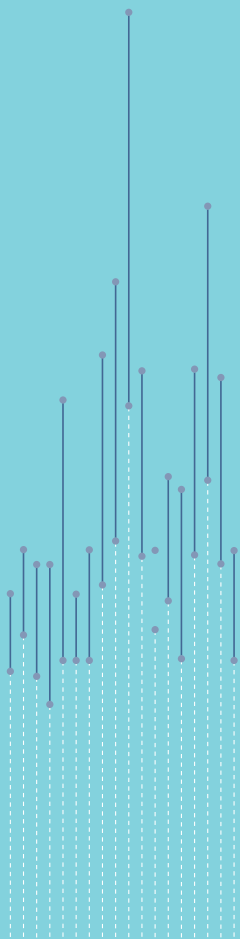
Letters of Recommendation (2)

TOEFL, IELTS, Duolingo English Test or PTE Academic score (if applicable)

GMAT or GRE Score (optional)

SCHOLARSHIPS

100% of admitted students are automatically considered for generous scholarships as part of the application process.

Merit-based scholarships range from $5,000 to full tuition.

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