



MASTER OF SCIENCE IN BUSINESS ANALYTICS (MSBA)

At Brandeis International Business School, we believe in the power of business for global good.

An MSBA degree from the International Business School equips students with the skills 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.



brandeis.edu/global



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781.736.7600



PROGRAM OPTIONS

Students may begin the program in the spring or fall.

12 MONTHS

Ideal for students who are comfortable with analytical concepts. Students complete a capstone or field project, but generally do not complete a summer internship.

16 MONTHS

Ideal for students who hope to balance their coursework with more internship and experiential learning opportunities in the summer.

WHAT YOU'LL LEARN

DATA PROGRAMMING & VISUALIZATION

Master fundamental technology skills, including: computer programming with Python and R, data visualization utilizing Tableau, data storage and schema design with relational databases, and data retrieval via SQL.

QUANTITATIVE BUSINESS ANALYTICS

Harness foundational knowledge in probability, statistics, linear algebra, data structures, algorithms and numerical analysis.

MACHINE LEARNING TECHNIQUES

Immerse yourself in machine learning techniques at the forefront of business analytics, including: supervised and unsupervised learning, statistics-based prediction techniques, Natural Language Processing (NLP) and Deep Learning.

FALL DEADLINES

NOVEMBER 1

JANUARY 15

MARCH 1

APRIL 15

SPRING DEADLINES

OCTOBER 1

NOVEMBER 1

SCHOLARSHIPS

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