

MS IN APPLIED STATISTICS AND DECISION-MAKING

30 CREDITS (2 terms) | Part-time option available



**GMAT / GRE
OPTIONAL**



GLOBAL CITIES REPRESENTED

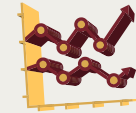
30



STUDENT POPULATION

FEMALE 47%

MALE 53%



"STATISTICIAN"

RANKED #6 IN THE 100 BEST JOBS
- US NEWS AND WORLD REPORT 2020

<https://money.usnews.com/careers/best-jobs/rankings/the-100-best-jobs>

The **MS in Applied Statistics and Decision-Making** program at the Gabelli School of Business provides opportunities for students who want to advance in data science. A broad foundation in statistics and the ability to apply it to a specific field—such as finance, big data, or healthcare—is offered through specialized electives and workshops.

APPLIED AND EXPERIENTIAL LEARNING

- March Data Crunch Madness competition
- Data mining workshops
- Students provided membership in the American Statistical Association

EXTRACURRICULAR ENGAGEMENT

- The **Fordham Business Analytics Society** connects students with analytics industry leaders, and offers educational resources through special events and initiatives.
- The **Fordham Digital Business Society** aims to create a professional network of students, faculty, and businesses in the field, as well as to inform students of the latest trends.
- **Research Center:** The Center for Digital Transformation

RECENT EMPLOYERS OF MSSD GRADUATES

American Express, Barclays Investment Bank, Cognizant, Convergenx, Deloitte, Emblem Health, HSBC, Johnson & Johnson, Moody's, Smart Capital International, United Nations, Uber

CAREER PATHS

Consultant, Developer, Investment Analyst, Quant Analyst, Risk Management Manager

ALUMNI PERSPECTIVE

"Beyond bringing an unparalleled level of knowledge to the classroom, the professors that I encountered at Gabelli worked hard to challenge me to apply business theories, big data, web analytics, and statistical techniques to the real world."

JESSICA ULBRICHT, MSSD '17

Manager, New York Client Consulting, Factset Research Systems

CURRICULUM HIGHLIGHTS

THE MS IN APPLIED STATISTICS AND DECISION-MAKING PROGRAM FOCUSES ON:

- Applied regression analysis
- Experimental design
- Judgment and decision-making
- Machine learning for statistics
- Observational studies
- Statistical methods
- Statistical risk analysis
- Statistical theory