

# MS IN APPLIED STATISTICS AND DECISION-MAKING

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



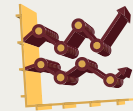
GMAT RANGE (MID-50%)\*  
**590-660**  
\*2 YEAR AVERAGE



GLOBAL CITIES REPRESENTED  
**35**



STUDENT POPULATION  
**FEMALE 36%**  
**MALE 64%**



**"STATISTICIAN"**  
RANKED #6 IN THE 100 BEST JOBS  
- US NEWS AND WORLD REPORT 2018

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, Smart Capital International, United Nations

## 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