



Master of Science in

# BUSINESS ANALYTICS AND RISK MANAGEMENT

Since 1876, Johns Hopkins University's research and work has guided society through uncertain times. Today's students harness this legacy to use the latest analytic tools to study risk from multiple perspectives.

- » **Full-time location**  
Washington, D.C.
- » **More information**  
[carey.jhu.edu](http://carey.jhu.edu)

» The MS in Business Analytics and Risk Management is **STEM-designated**.

## Curriculum

### Business foundations (18 credits)

- » Accounting and Financial Reporting
- » Business Analytics
- » Business Communication
- » Business Leadership and Human Values
- » Corporate Finance
- » Information Systems
- » Marketing Management
- » Operations Management
- » Statistical Analysis

### Functional core (6 credits)

- » Advanced Business Analytics
- » Data Analytics
- » Simulation for Business Applications

### Quantitative electives

Students must complete 6 elective courses. At least 2 of these courses must be from the Quantitative Electives.

- » Big Data Machine Learning
- » Continuous Time Finance
- » Customer Analytics
- » Data Science and Business Intelligence
- » Data Visualization
- » Deep Learning with Unstructured Data
- » Pricing & Insuring Risk
- » Python for Data Analysis
- » Retail Analytics

### General electives

- » Business Law
- » Corporate Governance
- » Cybersecurity
- » Enterprise Risk Management Frameworks
- » Financial Crises and Contagion
- » Global Supply Chain Management
- » Managing Complex Projects
- » Managing Financial Risk

*Courses are 2 credits unless otherwise noted.*



**1 YEAR**  
**FULL-TIME**  
**36 CREDITS**

**686**

average GMAT score

**3.55**

average undergraduate GPA

**<1**

average years of full-time work experience

**10%**

students from the U.S.

**6**

countries represented

**65%**

female students

**35%**

male students



The Johns Hopkins Carey Business School is accredited by the Association to Advance Collegiate Schools of Business, the world's leading authority on the quality assurance of business school programs.

"The business analytics and risk management program at Carey is unique because it **allowed me to dive even deeper into certain programming languages** required for data analytics, such as R and Python. Both programming languages are essential for the career I am in."

**Lawrence Hsu**

MS in Business Analytics and Risk Management '17  
Research Data Analyst (Precision Medicine)  
The Johns Hopkins University

## CAREER EDUCATION HIGHLIGHT

Exclusive career education and group coaching provides you with an opportunity to learn and develop the necessary skills to engage in lifelong career planning. From clarifying your values and interests, exploring opportunities and learning about professional branding, to interviewing and job search strategies, the customized workshops, career education series, and group coaching offerings will help you to understand, tell, and live your career story.

### Career opportunities

Advance your career across numerous industry sectors, including operations and logistics.

#### Employers\*

- » 21st Century Fox
- » Accenture
- » Apple
- » Amazon
- » Bank of China
- » Bloomberg
- » CFA Institute
- » Citi
- » Daimler
- » Deloitte Consulting
- » Ernst & Young
- » Geico
- » Goldman Sachs
- » JP Morgan Chase & Company
- » Iqvia
- » Microsoft
- » Morgan Stanley
- » PricewaterhouseCoopers
- » UBS AG
- » The World Bank Group

#### Titles\*

- » Business Analyst
- » Credit Portfolio Risk Analyst
- » FP&A Analyst
- » Product Manager
- » Risk Management Coordinator
- » Risk Manager
- » Senior Business Analyst
- » Senior Consultant
- » Valuation Associate

*\*Not a comprehensive list*

### Scholarships and financial aid

Johns Hopkins Carey Business School offers numerous options for financing your education, including merit-based scholarships, loans, payment plans, and tuition reimbursement available to those who qualify.

[carey.jhu.edu/admissions/financial-aid](https://carey.jhu.edu/admissions/financial-aid)

### More information

Contact Admissions:

[carey.admissions@jhu.edu](mailto:carey.admissions@jhu.edu)

**410.234.9220 / [carey.jhu.edu/visit](https://carey.jhu.edu/visit)**

877.88.CAREY (877.882.2739)

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