



Master of Science in

# INFORMATION SYSTEMS

Gain experience at the intersection of business, technology, and the human element. Leverage the art and science of information systems to transform organizations.

» **Full-time location**

Washington, D.C.

» **More information**

[carey.jhu.edu](http://carey.jhu.edu)

» The MS in Information

Systems is **STEM-designated**.

## Curriculum

**Business foundations** (10 credits)

- » Business Analytics
- » Business Communication
- » Business Leadership and Human Values
- » Information Systems
- » Statistical Analysis

**Functional core** (12 credits)

- » AI: Principles and Business Applications
- » Applied IS Architecture
- » Data Networks: Infrastructure and Emerging Technologies
- » Data Science and Business Intelligence
- » Large Scale Computing with Hadoop
- » Managing Complex Projects

**Electives** (14 credits)

- » Accounting and Financial Reporting
- » Advanced Business Analytics
- » Big Data Machine Learning
- » Competitive Intelligence
- » Cybersecurity
- » Data Analytics
- » Database Management
- » Deep Learning and Unstructured Data
- » Emerging Frontiers in Health Technologies and Strategies
- » Entrepreneurial Ventures
- » Internet Systems for Data Sciences
- » IT and Global Sourcing Strategy
- » Leadership in Organizations
- » Marketing Management
- » Operations Management
- » Simulation for Business Applications

*Courses are 2 credits unless otherwise noted.*



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

**3.35**

average undergraduate GPA

**<1**

average years of full-time work experience

**11%**

students from the U.S.

**5**

countries represented

**32%**

female students

**68%**

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.

"Johns Hopkins Carey Business School allowed me to use conversations about *emerging technologies in the classroom* and bring those ideas and emerging technologies directly to my clients."

— Eric Jones

MS in Information Systems '08  
Director, Business Development, Capture, Proposals,  
and Growth, AT&T

## 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 in consulting and information technology with private industry, government, and non-profit organizations.

#### Employers\*

- » Amazon Web Services
- » Accenture
- » Association of American Medical Colleges
- » Booz Allen Hamilton
- » Deloitte
- » Ernst & Young
- » IBM
- » J.P. Morgan Chase & Co.
- » L'Oréal
- » Microsoft
- » Oracle
- » PricewaterhouseCoopers
- » Procter & Gamble
- » Sabre
- » U.S. Department of Education
- » U.S. Department of State

#### Titles\*

- » Data Analyst
- » Data Networks Analyst and Designers
- » Financial Analyst
- » IT Business Analyst
- » IT Consultant
- » Senior Consultant
- » Software Developer

*\*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)**

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