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

» The MS in Information Systems is **STEM-designated**.

1 YEAR FULL-TIME IN-PERSON 36 CREDITS

333
average GRE score

3.41
average undergraduate GPA

<1
average years of full-time work experience

9%
students from the U.S.

7
countries represented

37%
female students

63%
male students

Fall 2022 incoming class

Curriculum

Business foundations (10 credits)
» Business Analytics
» Business Communication
» Business Leadership and Human Values
» Digital Transformation of Business
» Statistical Analysis

Functional core (14 credits)
» AI Essentials for Business
» Cybersecurity
» Data Networks: Infrastructure and Emerging Technologies
» Data Science and Business Intelligence
» Database Management
» Large Scale Computing on the Cloud
» Machine Learning with Python

Electives (12 credits)
» Accounting and Financial Reporting
» Advanced Business Analytics
» Advanced Database Management with SQL
» AI: Principles and Business Applications
» Big Data Machine Learning
» Cybersecurity and Data Vulnerabilities
» Data Analytics
» Data Visualization
» Deep Learning and Unstructured Data
» Developing Internet Systems and Services
» Health Information Technology
» IT and Global Sourcing Strategy
» Leadership in Organizations
» Managing Complex Projects
» Marketing Management
» Operations Management
» Python for Data Analytics
» Simulation for Business Applications

Courses are 2 credits unless otherwise noted.

CAREER & LIFE DESIGN HIGHLIGHT

Exclusive career education and access to career coaching through both peer career advisors and professional coaches 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 career pathways and learning to build your professional brand, to interviewing and job search strategies, customized workshops, career education resources, and 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

Job titles*

- » Analyst
- » Business Analyst
- » Business Operations Analyst
- » Financial Analyst
- » Full-Stack Developer
- » IT Consultant
- » Software Developer
- » Senior Data Scientist

This is 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.**

More information

Contact Admissions:
carey.admissions@jhu.edu
410.234.9220 / carey.jhu.edu/visit
877.88.CAREY (877.882.2739)
@JHUCarey

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