Bachelor of Arts in
Management Information Systems

0918

WHAT DO STUDENTS LEARN?

The MIS major prepares students to become critical thinkers and innovative designers of contemporary information systems. Student who major in MIS develop conceptual knowledge and hands-on skills in computing, relational databases, and web design. They learn to recognize opportunities to improve business processes or areas; communicate with stakeholders; and implement and manage information systems projects.

WHAT DO GRADUATES GO ON TO DO?

Job titles held by individuals with this background include business analyst, medical informatics analyst, search analyst, information security manager, internet technology strategist, data scientist, e-commerce analyst, IT auditor, director of systems development, chief security officer, and chief information officer. You may also choose to further your education through graduate school programs in business, information systems, and other areas.

chatham®UNIVERSITY

Management Information Systems

Unlike computer scientists who focus mostly on software development, specialists in management information systems are more likely to work with different teams to design and implement systems and keep an eye on the big picture. We will prepare you to address practical problems that are core to organizational success by designing, creating and using information systems strategically. You will leave Chatham fully prepared for employment in the "real world," thanks to the individualized attention of and experience conveyed by our faculty.

PROGRAM HIGHLIGHTS

- Award-winning faculty with years of experience teaching at the college level as well as working in the fields of information management.
- The Center for Women's Entrepreneurship (CWE) connects students with area business leaders and promotes events on campus, such as the Think Big Forum, a series of panel discussions focusing on strategic business growth, entrepreneurship, leadership, and sustainability.
- The Business & Entrepreneurship Department brings information management professionals to campus for networking events; takes students to conferences and career events off campus, and connects students with professional associations.
- Chatham has an active MIS/Analytics Club which provides professional development and networking opportunities, as well as social events.
- Students have opportunities to present at the CaseIT MIS Case Competition, an annual international undergraduate MIS case competition, and the CoMIS Annual Competition, a four-day competition with teams of three undergraduates. Both are held every spring.

SAMPLE COURSES

Systems Analysis and Design
This course introduces information systems analysis and design for contemporary organizations, with a focus on developing critical skills in communicating with people as users, analyzing processes, translating needs into information systems requirements, and testing of prototype ideas. Topics also include functional, structural, and behavioral modeling, and Unified Modeling Language (UML).

Database Management Systems
This course is a study of database management systems and their applications to a wide range of information processing needs. Students design and implement database management systems while being introduced to a conceptual model of a database environment comprised of five basic components: databases, database management systems, data dictionary/directory systems, database administration, and user-system interfaces.

Information and Cybersecurity
This course introduces fundamental issues in information and cybersecurity, with an emphasis on vulnerabilities available to cyber attackers. Students develop conceptual tools for identifying vulnerabilities, assessing threats, analyzing risk, and selecting controls to mitigate risk, and practical skills in implementing security, responding to incidents, and designing systems that prevent cyberattacks.

▶ chatham.edu/mis/curriculum.cfm

INTERNSHIPS
Each student is required to complete at least one internship. MIS students have interned at companies including:
- PNC
- Pricewaterhouse Cooper
- BNY Mellon
- Mylan
- Management Science Associates
- LunaMetrics

ACCREDITATION
Chatham University has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE).

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"From Hollywood to healthcare to the presidential administration, every major organization is being transformed by Big Data, business analytics, and the Internet of Things. If you are creative and visionary, an MIS education will make you a leader in solving the toughest problems across industries."

— DR. TINGTING (RACHEL) CHUNG, *associate professor of business and coordinator of data analytics & MIS*

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▶ **Apply online at apply.chatham.edu**

LEARN MORE

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