INFORMATION SYSTEMS AND QUANTITATIVE ANALYSIS

The study of Information Systems and Quantitative Analysis involves application of computers, mathematics, statistics, and other quantitative techniques in the solutions of a wide variety of business problems. While computer science often concentrates on building the computer tools which make computers useful, it is information systems and quantitative analysis that specifically focus on effectively applying these tools in the solutions of everyday business problems.

Bachelor of Science in Management Information Systems

The Bachelor of Science in Management Information Systems degree will provide students with the educational background for pursuing an exciting career in applying information technology in business and government to process data and solve a wide variety of business problems.

Accreditation Information

The Bachelor of Science in Management Information Systems has been accredited by the Computing Accreditation Commission of ABET, Inc., the recognized accreditor of college and university programs in applied science, computing, engineering, and technology. ABET accreditation demonstrates a program's commitment to providing its students with a quality education.

General information about the College of IS&T's accreditation as well as specific educational objectives for its ABET accredited program in Management Information Systems can be found h (https://www.unomaha.edu/college-of-information-science-and-technology/academics/abet-accreditation.php)ere (https://www.unomaha.edu/college-of-information-science-and-technology/academics/abet-accreditation.php).

Contact

For more information about the MIS undergraduate program, contact the academic advising office at 402.554.3819.

Website (https://www.unomaha.edu/college-of-information-science-and-technology/information-systems-and-quantitative-analysis/mis.php)

Degrees Offered:

- Management Information Systems, Bachelor of Science (http://catalog.unomaha.edu/undergraduate/college-information-science-technology/information-systems-quantitative-analysis/management-information-systems-bs/)

Minor Offered

- Minor in Management Information Systems (http://catalog.unomaha.edu/undergraduate/college-information-science-technology/information-systems-quantitative-analysis/management-information-systems-minor/)

Certificates Offered

- Data Management Certificate (http://catalog.unomaha.edu/undergraduate/college-information-science-technology/information-systems-quantitative-analysis/data-management-certificate/)
- Systems Development Certificate (http://catalog.unomaha.edu/undergraduate/college-information-science-technology/information-systems-quantitative-analysis/systems-development-certificate/)
- Information Technology Administration Certificate (http://catalog.unomaha.edu/undergraduate/college-information-science-technology/information-systems-quantitative-analysis/information-technology-administration-certificate/)

Undergraduate certificates allow the College of IS&T to offer a path for individuals who do not hold a bachelor's degree to advance their education along a focused, profession-oriented course of study and to have those studies acknowledged, documented, and later, should the student so desire, applied to a related bachelor's degree program.

The goal of the certificate is to provide non-traditional and traditional students an opportunity to take a focused set of undergraduate courses and earn a certificate of completion. For prospective certificate students already in the workforce who have earned an associate's degree, such certifications may fit with organizational professional development requirements and could be used, at the discretion of the organization, as professional development units (PDUs).

The Bachelor of Science in Management Information Systems degree will provide students with the educational background to solve problems using technology for businesses, government, and nonprofit organizations.

Career Options:

- Business Process Analyst
- Chief Information Officer
- Data Scientist
- Database Administrator
- Information Systems Manager
- IT Consultant
- IT Security Manager
- IT Technical Support Officer
- Network Architect
- Quality Assurance Specialist
- Software Engineer
- Systems Analyst