Master of Science in Management Information Systems
Information technology professionals face the challenge of providing reliable, accurate and timely information to meet the demands of society’s growing dependence on information technology. The Master of Science (M.S.) in Management Information Systems program is designed for professionals who understand the strategic value of information resources and the importance of managing these resources throughout an organization.

The Benedictine M.S. in Management Information Systems program is centered on an interdisciplinary approach that meets the needs of organizations seeking an alignment between business goals and information technology. Students become technically proficient and able to address issues such as the creative application, effective management, and organizational and societal impacts of information technology by combining information technology coursework with coursework in one of several concentrations.

The program emphasizes practical application of various business management theories and technical tools to a variety of hypothetical and real-life problems. Students gain an appreciation of the complex challenges associated with the management of information technology through group interaction, comprehensive projects, case analysis, research and active participation in the sharing of individual experience. It is through these varied teaching methods that students are prepared to be leaders well into the 21st century.

### Program Overview

#### Program Concentrations

**Accounting and Financial Systems**
The Accounting and Financial Systems concentration addresses the needs of organizations that expect meaningful, timely and accessible financial information. These organizations expect appropriate responses to privacy, security, regulatory and legal requirements. This concentration is designed for students in accounting or financial management positions who have significant interaction with the financial functions of their organizations or who are considering a M.S. in Accountancy as a dual degree.

**Business Administration**
The Business Administration concentration provides a broad business background with exposure to major business functions such as accounting, finance, marketing, operations and organizational behavior. It is most appropriate for students who have or expect to have significant interaction with all functions within an organization. It is also appropriate for those students who are considering a Master of Business Administration (M.B.A.) as a dual degree.

**Business Analytics**
The Business Analytics concentration focuses on the skills, technologies and applications for investigation of past business performance to gain insight and drive business planning. It makes extensive use of data, statistical and quantitative analysis, explanatory and predictive modeling, and fact-based management to drive decision-making. The concentration is appropriate for students in functional business units as well as information technology.

**Health Information Systems Management**
The concentration in Health Information Systems Management lays a foundation for managing information technology in the administration of health care services. It is important for information systems and health care professionals to effectively manage and apply information technologies specific to health care. This concentration is appropriate for students considering a Master of Public Health (M.P.H.) as a dual degree.

**Information Security**
Businesses and consumers increasingly rely on Internet and web services. Needs are growing for system security professionals who can help design, configure, implement, manage, support and secure computer systems. This concentration is designed to explore the challenges and possible solutions to information systems security.

**Integrated Marketing Communications**
Integrated marketing communications (IMC) is a customer-centric, data-driven approach to planning and communicating with consumers. IMC is the management of all organizational communications to build positive relationships with customers and other stakeholders, stressing marketing to the individual by understanding their needs, motivations, attitudes and behaviors. IMC emphasizes Internet-based marketing communication tools along with the traditional communication tools used by marketing professionals.

**Management and Organizational Behavior**
The Management and Organizational Behavior concentration emphasizes organizational behavior, organization development and human resource skills critical in creating high-performance work teams to design, construct and implement information technology projects successfully. It is most appropriate for students who wish to emphasize people-related skills. It is also appropriate for students who are considering an M.S. in Management and Organizational Behavior as a dual degree.

**Professional Internship**
The full-time internship program is developed specifically for recent college graduates and offers a professional internship experience as the M.S. in Management Information Systems concentration. Students complete 64 credit hours in M.S. in Management Information Systems courses including 12 credit hours in internship courses. The goal of the internship experience is to prepare students without significant professional career experience for their future roles and responsibilities in the workplace.

**Project Management**
Project management is one of the world’s most in-demand skill sets spanning all industries and sectors of business. Project management leadership is a highly sought-after skill as intense global competition demands that new projects and business development be completed on time and within budget. Courses offer the student an understanding of organizational behavior as it relates to the individual, effective team building skills, conflict management and resolution, as well as skills to effectively manage the financial side of projects.
The M.S. in Management Information Systems program requires 64 quarter credit hours integrating management information systems core courses with courses in one of several concentrations.

The curriculum is offered in a structured yet flexible format with required and elective courses offered annually. By completing two courses (eight credit hours) per term as a full-time course of study, professionals may earn the M.S. in Management Information Systems in two years. Advisors can help students matriculate into the program at each of the four quarters (fall, winter, spring or summer). An advisor may also devise a part-time program of study.

Typical Fall Quarter Course Offerings
MIS 546  Systems Analysis and Design (4)
MIS 642  Financial Information Systems (2)
MIS 663  Data Mining and Business Intelligence (4)
MIS 677  Decision Support and Knowledge-based Systems (4)
MIS 683  Project Management (4)

Typical Winter Quarter Course Offerings
MIS 609  Computer Fraud (4)
MIS 654  Enterprise-Wide Information Systems (4)
MIS 656  Information Systems Security (4)
MIS 657  Electronic Commerce (4)
MIS 659  Business Analytics (4)
MIS 681  Network Planning (2)
MIS 682  Network Design (2)
MIS 683  Project Management (4)

Typical Spring Quarter Course Offerings
MIS 545  Computer Organization and Architecture (4)
MIS 616  Information Systems Auditing (4)
MIS 648  Information Management in Health Care (2)
MIS 649  Advanced Topics in Health Information Systems Management (2)
MIS 674  Database Management Systems (4)
MIS 683  Project Management (4)
MIS 689  Strategic Information Technology Management (4)

Typical Summer Quarter Course Offerings
MIS 655  Computer and Network Systems Security (4)
MIS 658  Managing IT Facilities (2)
MIS 683  Project Management (4)

Please visit www.ben.edu/catalogs for more program information, including course descriptions; please see www.ben.edu/benulive for the online schedule of M.S. in Accountancy, M.S. in Management Information Systems, M.B.A., M.S. in Management and Organizational Behavior and M.P.H. courses available each quarter.

Dual Degree Options
Students who earn the M.S. in Management Information Systems may wish to consider completing a second graduate degree by taking an additional 32 credit hours in Accountancy, Business Administration, Business Analytics, Management and Organizational Behavior or Public Health. Application and admission are required to each graduate program and students must complete all requirements for the selected dual degree.

4+1 M.S. in Management Information Systems Program
Well-qualified Benedictine University students who complete an undergraduate degree in Accounting, Business Analytics, Business and Economics, Business with Science Applications, Computer Science, Computer Information Systems, Finance, Management and Organizational Behavior, or Marketing may be eligible to complete the M.S. degree in Management Information Systems with one additional year of full-time graduate study. The full-time 4+1 M.S. in Management Information Systems program is developed specifically for recent college graduates. Admission to the program is not automatic and an application must be completed during the student’s senior year of undergraduate coursework. Classes are conducted evenings and weekends to meet the needs of busy students.

Certificates
Certificate programs are designed for concentrated focus beyond the core M.S. in Management Information Systems curriculum. Certificates are offered in:
- Business Analyst
- Business Analytics
- Electronic Commerce
- Health Information Systems Management
- Information Systems Management
- Information Security
- Integrated Marketing Communications
- Project Management

“I appreciate all that the Management Information Systems program has done for me as I transitioned my career into information services. I’ve learned a breadth of computer topics and skills as well as how business incorporates information technology for growth, operations and analytics. I secured my current job before I completed all my coursework because of my experiences in the classroom and the great teaching staff.”

- Jonathan C. Baker
M.S. in M.I.S. student
Requirements Analyst, Aon Hewitt
Faculty

Full-Time Faculty

Barbara T. Ozog, Ph.D.
Program Director and Professor, Master of Science in Management Information Systems (1992)
Ph.D., 1985, M.S., 1979, Northwestern University
B.S., 1977, Loyola University Chicago

Ron P. Baiman, Ph.D.
Assistant Professor, Department of Graduate Business Administration (2013)
B.Sc., 1973, Hebrew University

Sharon Borowicz, Ph.D., EA
Associate Professor and Department Chair, Department of Graduate Business Administration (2005)
Ph.D., 2003, Benedictine University
M.B.A., 1992, Roosevelt University
B.S., 1982, Elmhurst College

Eileen G. Clark, M.S.
Associate Professor, Computer Science and Information Systems (1971)
M.S., 1971, Purdue University
B.S., 1969, State University of New York (Albany)

John C. Draut, M.B.A.
Instructor and Program Director, Master of Science in Accountancy (2008)
M.B.A., 1981, DePaul University
B.S., 1970, University of Illinois

Ricky M. Holman, J.D.
Assistant Professor, Department of Graduate Business Administration (2013)
J.D., 1988, Thomas M. Cooley Law School
B.S., 1977, George Mason University

Ralph D. Meeker, Ph.D.
Professor, Physics, Computer Science and Information Systems (1970)
Ph.D., 1970, Iowa State University
B.S., 1967, Benedictine University

Daniel E. Nohl, Ph.D.
Program Director and Professor, Computer Science and Information Systems (1987)
Ph.D., 1990, Illinois Institute of Technology
M.S., 1977, B.S., 1973, University of Illinois

Peter F. Sorensen Jr., Ph.D., RODC
Chair and Professor, Department of Management and Organizational Behavior (1985)
Ph.D., 1971, Illinois Institute of Technology

Apostolos Xanthopoulos, Ph.D.
Assistant Professor, Department of Graduate Business Administration (2013)
Ph.D., 2009, Illinois Institute of Technology
M.B.A., 1989, M.A., 1988, University of Texas at Arlington
B.B.A., 1985, Kent State University

Therese F. Yaeger, Ph.D.
Professor, Department of Management and Organizational Behavior (2007)

Thomas Yu, Ph.D.
Assistant Professor, Department of Graduate Business Administration (2008)
Ph.D., 1978, Texas A&M University
M.S., 1973, Arizona State University
B.S., 1971, Montana State University

Senior Lecturers

George Chakrabarty, M.B.A., MCPM
Ann H. Fulmer, M.S.
Edwin J. Kocinski, M.B.A.
John Malec, M.A.
Bernard Silverman, Ph.D.
James C. Zoda, Ph.D.

Lecturers

Ruth Chen, Ph.D.
Tsun Chow, Ph.D.
Robert A. Dengler, Ph.D.
Bryan J. Eckert, M.B.A.
Chris Fernandez, Ph.D.
William H. Kuglich, M.S.
Sam Russo, M.S., M.B.A.
Greg Sellers, Ph.D.
Martin Mark Sowa, M.A., M.B.A.
Nathan Patrick Taylor, M.S., M.P.H.

The individuals listed above have been employed on an as-needed basis to teach courses at Benedictine University within the last several years. Instructors listed may not currently be employed by Benedictine University. The University is fortunate to be able to provide our students with part-time faculty whose experience, credentials and commitment to education add to the high quality of our resident faculty.