



# Master of Science in Information Management



## Be in demand! Dominican University's cutting-edge master's program in Information Management prepares you to thrive in one of the world's fastest-growing and most exciting fields.

This new graduate program puts you at the forefront of an emerging field. Today's businesses and organizations enjoy unprecedented access to massive quantities of data. They depend increasingly on highly skilled professionals to manage that information who can make it available when, where and how it is needed.



This "information revolution" has created an abundance of challenging, well-paying jobs. The Bureau of Labor Statistics reports that information-related jobs such as computer network architect and information systems manager are projected to grow rapidly over the next ten years. Jobs in information security are projected to grow even more rapidly.

Dominican's master's program in this burgeoning field is tailored to your busy professional life. Our flexible, hybrid course format enables you to benefit from the personal interaction and focused attention of small classes—along with the ease of access and rapid response of online learning.



### A World of Career Options

**Our MSIM program will prepare you for exciting work in positions such as:**

- Data analyst
- Digital optimization analyst
- Desktop support engineer
- Business development analyst
- Clinical informatics specialist
- Medical informatics researcher
- Clinical research associate
- Information architect
- Front-end developer

Additional courses are offered online or in hybrid formats. Electives are offered in a variety of formats—in the evenings and on weekends as well as online or hybrid.

### The Dominican Difference

Dominican's program in information management goes well beyond the technical to spotlight human concerns. Our approach reflects our long-standing commitment to social justice. We emphasize the ethical and responsible use of information. Our courses dig deep into issues of information ethics (privacy, equity of access) as well as information policy (organizational and governance issues associated with information organization, storage, access and use). Dominican's focus gives our students a distinctive professional edge as they prepare for technology-related careers.

### A Program That Fits the Way You Work

Our 12-course (36 credit-hour) curriculum features nine required courses and three electives. Cohorts begin each fall. Courses are offered over three semesters each year. You can complete the program in two years by taking two courses per semester, or you can finish faster by taking three courses per semester.

### For More Information

Please contact our graduate recruiting coordinator, Catherine Galarza-Espino, at (708) 524-6983 or [cgalarza@dom.edu](mailto:cgalarza@dom.edu); or visit [dom.edu/msim](http://dom.edu/msim).

The first two courses are offered in eight-week segments in a hybrid format: four to five weekend sessions, plus online coursework.

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## Choose the Path That's Right for You

The Master of Science in Information Management (MSIM) provides a strong set of required core courses and a rich variety of electives. The required courses provide students with a solid foundation in the basics of information management: analysis, data, policy and technology. These make up a majority of the coursework. Within the set of electives, students can create their own learning plans or choose from four different specializations.

### Areas of Specialization

- **Cybersecurity** focuses on data privacy, data security and organizational security.
- **Web Design** provides an overview of the software development process and the technologies required to design and implement web applications.
- **Digital Content Management (DCM)** covers the support and management of digital content creation, the long-term curation of digital materials, and records management.
- **Analytics** merges information management with business analytics—a powerful combination. Three of the courses for this specialization are offered through the Brennan School of Business.

## Curriculum

The curriculum is organized around the following nine required core courses, taken in sequence.

- Information in Society, Organizations, and Cultures
- Information Architecture
- Data Structures and Representation
- Data Analytics for Information Professionals
- Database Management
- Information Policy
- Human Computer Interaction
- Information Storage and Retrieval
- Organizational and Multicultural Communication

## A Choice of Electives

Students take three elective courses. Here are some sample electives among the four optional specializations:

- **Cybersecurity**
  - Introduction to Information Security
  - Organizational Informational Security
  - Information Privacy
- **Web Design**
  - Internet Fundamentals and Design
  - Social Media and Emerging Technologies
  - Advanced Web Design
  - Systems Analysis and Design
- **Digital Content Management**
  - Digital Curation
  - Metadata for Digital Resources
  - Records and Information Management
  - Digital Content Creation
- **Analytics**
  - Forecasting
  - Predictive Analytics
  - Data Mining and Data Warehousing
  - Big Data and Competitive Intelligence

## e-Portfolio

Students also complete an e-Portfolio during the last semester of study.

## Options for Interdisciplinary Study

A student in our MSIM program may register for up to six semester hours of graduate credit in another discipline at Dominican University. With the approval of the dean and your academic advisor, such courses may be applied as electives toward the MSIM degree.

## A Sampling of Prospective Employers

The rapidly growing field of information management is among the most promising career paths for creative, technically skilled problem-solvers. In our fast-changing technological environment, professionals who are prepared to manage information with a focus on user needs are in extremely high demand. You will find Dominican graduates working in information-related jobs at many leading corporations and organizations, including:

- Abbott Laboratories
- Argonne National Laboratory
- BMO Harris Bank
- BP
- McDonald's Digital Asset Department
- Morningstar
- Navigant
- WJE Engineers, Architects and Material Scientists

