ABOUT THIS PROGRAM

A PROGRAM TO FUEL YOUR FUTURE

The Master of Information Systems Management with a concentration in Data Administration and Management program focuses on managerial concepts and tools for systems development, implementation, management and security, as well as examination of database concepts, components and management issues.

When you choose to pursue the data administration and management concentration, specialized coursework helps you to develop the knowledge and skills needed to administer databases, support data-driven applications, leverage business intelligence systems and manage data across an enterprise. Students will learn to direct how information is collected, stored, organized, secured and reported to support business objectives.

CAREER OPPORTUNITIES

Graduates of DeVry’s Information Systems Management master’s degree program with a concentration in Data Administration and Management may consider, but are not limited to, careers such as the following:

- Data Security Analyst
- Data Security Manager
- Information Systems Security Analyst
- IT Project Manager

QUICK FACTS

15 COURSES
8 WEEK SESSIONS
6 SESSIONS PER YEAR

ACCREDITATION MATTERS

Keller’s Master of Information Systems Management program has achieved voluntary accreditation from the Accreditation Council for Business Schools and Programs (ACBSP, www.acbsp.org), demonstrating that it has met the standards of business education that promote teaching excellence.

MICROSOFT OFFICE PRODUCTIVITY TOOLS

To ensure you have a robust learning experience, as part of your program, you will use the latest version of the Microsoft Office suite to communicate business information, analyze data and report findings.

FLEXIBILITY TO FIT YOUR LIFE

Whether you’re balancing a job, family duties, or both on top of your studies, Keller’s flexible learning options allow you to tailor your experience to fit your life – and your professional goals. Study 100% online or take classes at one of our campus locations with our hybrid format. Classes start every 8 weeks, so you can advance your education when and where it makes sense for you.
### PROGRAM

**PROGRAM CORE**
- MATH534  Applied Managerial Statistics
- HRM587  Managing Organizational Change
- MGMT591  Leadership and Organizational Behavior
- MISS40  Innovation Through Technology
- NETW583  Strategic Management of Technology
- PROJ586  Project Management Systems

**TECHNOLOGY CORE**
- MISS81  Systems Analysis, Planning and Control
- MISS82  Database Concepts
- MISS89  Networking Concepts and Applications
- MIS601  Technology Management Capstone
- SEC571  Principles of Information Security and Privacy

**CONCENTRATION**
- BIAM500  Applications of Business Analytics I
- BIAM510  Applications of Business Analytics II
- MISS62  Database Programming and Applications
- MISS63  Business Intelligence Systems

### WHAT YOU’LL LEARN

**PROGRAM CORE**
- Explore the alignment of organizational vision with structure, processes and culture
- Examine the inter-and intra-personal dynamics as they affect achievement of corporate goals
- Identify opportunities for technology innovation
- Employ information systems to an organization’s strategic and competitive benefit
- Manage projects and execute project tasks with respect to information systems

**TECHNOLOGY CORE**
- Leverage systems analysis, planning and control in operations
- Describe organizational database needs
- Examine applied network configurations
- Apply information security and privacy principles

**CONCENTRATION**
- Construct data-based models and examine their impact on major business functions
- Design relational databases and build large database applications including tables, queries, forms, reports and macros
- Examine the features and programming of SQL extensions supported by Oracle and Microsoft SQL server
- Explore models of business intelligence and data support system design of data warehousing and data mining concepts