ABOUT THIS DEGREE PROGRAM

A PROGRAM TO FUEL YOUR FUTURE
DeVry University’s Keller Graduate School of Management Master’s of Information Technology with an emphasis in Data Administration and Management can help you gain skills in management and help improve your technical knowledge of information systems and networking technologies. You may learn how to apply this knowledge in real-world situations and to recognize opportunities where technology can provide a strategic benefit to businesses.

Learn techniques to develop and manage policies and procedures to prevent system failures as data volumes grow. Discover new ways to organize and manage data in a way that facilitates efficient access and querying. Learn about different types of databases, and gain hands-on experience with technologies like the cloud, distributed databases and blockchain.

CAREER OPPORTUNITIES
Graduates of DeVry University’s Keller Graduate School of Management Master’s in Information Technology Management may consider, but are not limited to, the following careers:

- Computer and Information Systems Manager
- Network Systems and Data Communications Analyst
- Database Manager

QUICK FACTS

15 COURSES
8 WEEK SESSIONS
6 SESSIONS PER YEAR

ACCREDITATION MATTERS
Keller’s Master of Information Technology Management Data Administration and 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.

1 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/degree-programs.html.
**WHAT YOU’LL LEARN**

**PROGRAM CORE**
- Integrate managerial and technical skills to determine cost, improve customer service and boost operating efficiencies
- 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

**PROGRAM**

**PROGRAM CORE**
- MGMT501 Organizational Structures and Business Processes
- MISS25 Essentials of Information Systems and Programming
- MISS40 Innovation through Technology
- NETW583 Strategic Management of Technology

**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
- BIAM530 Developing and Managing Databases for Business Intelligence
- MISS62 Database Programming and Applications
- MISS63 Business Intelligence Systems

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*Students may be eligible to waive up to five courses (15 credit hours) upon review of their undergraduate degree. Course waiver availability varies by location. See Course Waivers for details.*

**Students not wishing to pursue a focused concentration must pursue a general studies concentration by choosing any four courses from those listed in the concentration areas above. All students must declare either a focused or general studies concentration prior to graduation.*