

# INFORMATION TECHNOLOGY MANAGEMENT

Emphasis: Data Administration and Management



## 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:

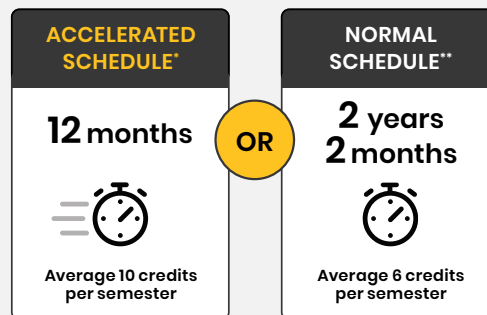
- Computer and Information Systems Manager
- Network Systems and Data Communications Analyst
- Database Manager

## QUICK FACTS



### 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](http://www.acbsp.org)), demonstrating that it has met the standards of business education that promote teaching excellence.



### ACCELERATE ON YOUR SCHEDULE

Choose the schedule that best fits your goals and commitments. With at least **9 credit hours**, of qualifying Prior Learning Credit and an accelerated schedule, you can earn your **Master's Degree** in as few as **12 months**.

Or, follow a normal schedule and complete your program in 2 years 2 months.

\*Accelerated time to complete requires at least 9 credit hours of Prior Learning Credit. Assumes completion of 3 semesters, enrollment in an average of 10 credit hours per semester and continuous, full-time year-round enrollment with no breaks per 12-month period.

\*\*Normal time does not include breaks and assumes 3 semesters of year-round, full-time enrollment in an average of 6 credit hours per semester per 12-month period.

## Information Technology Management | Data Administration and Management

### PROGRAM

#### PROGRAM CORE

LEAD510	Digital Leadership
MATH534*	Applied Managerial Statistics
MIS540*	Innovation through Technology
MIS548*	AI Applications for Business

#### TECHNOLOGY CORE

MIS581*	Systems Analysis, Planning and Control
MIS582*	Database Concepts
MIS589*	Networking Concepts and Applications
MIS601	Technology Management Capstone
SEC571*	Principles of Information Security and Privacy

#### EMPHASIS

BIAM500	Applications of Business Analytics I
BIAM510	Applications of Business Analytics II
MIS562	Database Programming and Applications
MIS563	Business Intelligence Systems

### WHAT YOU'LL LEARN

#### PROGRAM CORE

- Integrate managerial and technical skills to determine cost, improve customer service and boost operating efficiencies
- Identify opportunities for technology innovation
- Understand the ways in which AI and data analytics products and services can support business decision-making

#### TECHNOLOGY CORE

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

#### EMPHASIS

- 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

\*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.

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For comprehensive consumer information, visit [devry.edu/studentconsumerinfo](https://www.devry.edu/studentconsumerinfo). Important information about the education debt, earnings and completion rates of students who attended this program can be found at <https://www.devry.edu/compliance/ge/masters-information-technology-management-consumer-info.html>. For additional program information, visit <https://www.devry.edu/online-programs/masters-degrees/information-technology-management.html>

In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC), [www.hlcommission.org](http://www.hlcommission.org). The University's Keller Graduate School of Management is included in this accreditation. DeVry is certified to operate by the State Council of Higher Education for Virginia. Arlington Campus: 1400 Crystal Dr., Ste. 120, Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, [www.tn.gov/thec](http://www.tn.gov/thec). Lisle Campus: 4225 Naperville Rd., Ste. 400, Lisle, IL 60532. Unresolved complaints may be reported to the Illinois Board of Higher Education through the online complaint system <https://complaints.ibhe.org/> or by mail to 1 N. Old State Capitol Plaza, Ste. 333, Springfield, IL 62701-1377. Program availability varies by location. In site-based programs, students will be required to take a substantial amount of coursework online to complete their program. ©2024 DeVry Educational Development Corp. All rights reserved. Version 5/20/2024