

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 Manger

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), demonstrating that it has met the standards of business education that promote teaching excellence.

ACCELERATED SCHEDULE

12 months



Average 10 credits per semester

OR

NORMAL SCHEDULE

2 years
2 months



Average 6 credits per semester

ACCELERATE AT YOUR PACE

Choose the schedule that best fits your goals and commitments. With at least **9 credit hours**, of qualifying Prior Learning Credit and an accelerated pace, 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.

Assumes continuous, year-round enrollment with no breaks

Information Technology Management | Data Administration and Management

PROGRAM

PROGRAM CORE

MATH534	Applied Managerial Statistics
MIS525	Essentials of Information Systems and Programming
MIS540	Innovation through Technology
NETW583	Strategic Management of Technology

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
- 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

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

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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. 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](https://www.tn.gov/government/education/higher-education-commission). Naperville Campus: 1200 E. Diehl Rd., Naperville, IL 60563. 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.