

INFORMATION SYSTEMS MANAGEMENT

Concentration: Data Administration and Management



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 Analysis
- IT Project Manager

QUICK FACTS



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.

ACCELERATED SCHEDULE*	OR	NORMAL SCHEDULE**
1 year 4 months		2 years 6 months
Average 10 credits per semester		Average 6 credits per semester

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 **1 year 4 months**.

Or, follow a normal schedule and complete your program in 2 years 6 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.

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PROGRAM

PROGRAM CORE

HRM587	Managing Organizational Change
LEAD510	Digital Leadership
MATH534*	Applied Managerial Statistics
MGMT591	Leadership and Organizational Behavior
MIS540*	Innovation Through Technology
PROJ586	Project Management Systems

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

CONCENTRATION

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

- 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
- 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

*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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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, www.tn.gov/thecc. 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 5/13/2024