# **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 <u>Information Systems Management master's degree program with a concentration in Data Administration and Management</u> may consider, but are not limited to, careers such as the following:

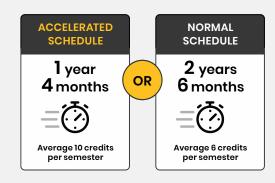
- Data Security Analyst
- Data Security Manager
- Information Systems Security Analysis
- IT Project Manager

# **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, <a href="www.acbsp.org">www.acbsp.org</a>), demonstrating that it has met the standards of business education that promote teaching excellence.



# **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 **1 year 4 months**.

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

Assumes continuous, year-round enrollment with no breaks



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# **PROGRAM**

## **PROGRAM CORE**

MATH534 Applied Managerial Statistics
HRM587 Managing Organizational Change
MGMT591 Leadership and Organizational Behavior
MIS540 Innovation Through Technology
NETW583 Strategic Management of 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
- 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

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