MASTER’S DEGREE | TECH
INFORMATION SYSTEMS MANAGEMENT
Concentration: Data Administration and Management

ABOUT THIS PROGRAM

A PROGRAM TO FUEL YOUR FUTURE
DeVry University’s Keller Graduate School of Management 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

<table>
<thead>
<tr>
<th>15</th>
<th>8</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSES</td>
<td>WEEK SESSIONS</td>
<td>SESSIONS PER YEAR</td>
</tr>
</tbody>
</table>

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.

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.devyry.edu/online-programs.html.
Master's Degree | Tech
Information Systems Management | Concentration: Data Administration and Management

**PROGRAM**

**PROGRAM CORE**
- ACCT504  Accounting and Finance: Managerial Use and Analysis
- HRM587  Managing Organizational Change
- MGMT591  Leadership and Organizational Behavior
- MISS40  Innovation Through Technology
- NETW583  Strategic Management of Technology
- PROJ586  Project Management Systems

**TECHNOLOGY CORE**
- MISS81  Systems Analysis, Planning and Control
- MISS82  Database Concepts
- MISS89  Networking Concepts and Applications
- MISS90  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
- MISS562  Database Programming and Applications
- MISS563  Business Intelligence Systems

Credits and degrees earned from this institution do not automatically qualify the holder to participate in professional licensing exams to practice certain professions. Persons interested in practicing a regulated profession must contact the appropriate state regulatory agency for their field of interest.

**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