

# INFORMATION TECHNOLOGY MANAGEMENT

Emphasis: Business Analytics



## 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 Business Analytics 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. Coursework explores the use of AI tools for business decision-making and covers methods for gathering, storing, and reporting data.

### CAREER OPPORTUNITIES

Graduates of DeVry University's Keller Graduate School of Management Master's in Information Technology Management with an emphasis in Business Analytics may consider, but are not limited to, the following careers:

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

## QUICK FACTS

**39**  
CREDIT HOURS  
minimum credit hours  
required for graduation

**13**  
COURSES

**TWO  
IN  
ONE**

### EMBEDDED PROGRAM

Keller offers a unique 2-in-1 design that allows our AI and Business Analytics Graduate Certificate program to be embedded within our Master of Information Technology Management with an emphasis in Business Analytics, giving you the chance to earn your certificate on the way to your Master's Degree.<sup>1</sup>

#### ACCELERATED SCHEDULE\*

**12 months**



Average 10 credits  
per semester

OR

#### NORMAL SCHEDULE\*\*

**2 years  
2 months**



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 **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.

<sup>1</sup> Future programmatic changes could impact the ability to earn additional credentials en route to an eligible degree program. Refer to the academic catalog for details.

PROGRAM

PROGRAM FOCUS

LEAD510	Digital Leadership
MATH534*	Applied Managerial Statistics
MIS540*	Innovation through Technology
MIS548*	AI Applications for Business
<i>Select Four</i>	
MIS581*	Systems Analysis, Planning and Control
MIS582*	Database Concepts
NETW540	Networking Concepts
PROJ586	Project Management Systems
SEC571*	Principles of Information Security and Privacy

CAPSTONE

MIS601 Technology Management Capstone

EMPHASIS

BIAM500	Applications of Business Analytics I
BIAM510	Applications of Business Analytics II
BIAM530	Developing and Managing Databases for Business Intelligence
BIAM560	Predictive Analytics

WHAT YOU'LL LEARN

PROGRAM FOCUS

- Develop and demonstrate business, technical and management skills needed to oversee people and/or processes.
- Identify and evaluate technologies and processes to enhance an organization's compliance, operational effectiveness and strategic advantage.
- Utilize appropriate tools and technologies to analyze, deploy and manage applications and resources.
- Analyze information and exercise critical thinking to solve problems through research and the use of technologies to develop solutions that address the needs of appropriate stakeholders.
- Understand the components of modern databases utilized in the management of technology and establish and deploy parameters to meet the needs of an organization.
- Examine how network applications are used to accomplish a business objective.
- Understand the principles of information security and data privacy and develop and deploy information security policies and procedures.
- Develop and demonstrate project management skills needed to lead projects and execute project tasks.

EMPHASIS

- Identify and evaluate, based on relative strengths and weaknesses, the appropriate analytical tools needed to solve multidimensional business problems.
- Construct business analyses and translate the findings to a diverse audience of experts.
- Explain the strategic implications of applying the techniques of business analytics to support the decision-making of senior level managers in their organization. • 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 three courses (nine credit hours) upon review of their undergraduate degree. Course waiver availability varies by location and delivery method. Visit the Course Waivers section of the [Academic Catalog](#) for detail.

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For comprehensive consumer information, visit [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, [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 11/18/2024

