

# MANAGEMENT

Specialization: Information Technology



## ABOUT THIS DEGREE PROGRAM

### BUSINESS CORE

#### A FOUNDATION IN BUSINESS

This program features a series of essential Business Core courses to help build interdisciplinary skills critical to workplace success. These courses

introduce students to key disciplines that support business careers and cover concepts related to general business principles, including accounting, marketing, management and the analytic skills that inform business decision-making.

The Business Core coursework introduces students to contemporary workplace applications. In each course, the learning experience is enhanced through activities that help students apply the course material, while shaping future education and career choices.

#### A PROGRAM TO FUEL YOUR FUTURE

In this specialization, you can learn how to plan and manage IT infrastructure. You'll learn how to apply cyber security measures to protect systems from vulnerabilities.

#### IS THIS PROGRAM FOR YOU?

Are you interested in pursuing a managerial role, but deal with technical and technology issues essential in today's business? Then this may be the right program for you. In this degree you can couple organizational, project management, and budgeting skills learned with essential network and security skills necessary to manage IT enterprises.

## CAREER OPPORTUNITIES

Graduates of DeVry University's Management program with a specialization in Information Technology may consider, but are not limited to, the following careers:

- IT Project Manager
- Entry Level IT Security and Support Specialist
- Junior Systems Advisor
- Junior Network Security Analyst

## WHAT YOU'LL LEARN

### ESSENTIALS

- Communicate methods and findings
- Collaborate in a dynamic work environment
- Solve complex problems
- Analyze data
- Apply appropriate technologies

### BUSINESS CORE

- Lead, manage and collaborate in diverse environments
- Allocate financial and human resources, manage risk and analyze opportunities
- Use technology to develop business solutions to improve daily operations and long-term strategy
- Evaluate and solve complex business problems using numerical and qualitative data

### PROGRAM

- Apply leadership, resource management and conflict management techniques to solve business problems
- Analyze financial and statistical data
- Apply managerial theories and techniques to improve organizational performance and foster continuous improvement
- Effectively communicate business information

### SPECIALIZED

- Implement, operate and troubleshoot large or small enterprise networks
- Use network operating systems to manage LANs and WANs
- Manage enterprise level or small business network and technology resources
- Identify and mitigate network risk and cyber-security threats

## QUICK FACTS

**122**  
CREDIT HOURS  
minimum credit hours  
required for graduation<sup>1</sup>

**2 + 8**  
YEARS MONTHS  
minimum length to graduation<sup>2</sup>



### 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.

### CISCO-CENTRIC COURSEWORK



DeVry University works with industry partners, like Cisco, to deliver networking curriculum that helps prepare students with industry relevant skills. Networking courses in this program are aligned to the Cisco Certified Network Associate (CCNA) certification so that students are prepared to sit for this exam, should they wish to pursue this credential.



### FLEXIBILITY TO FIT YOUR LIFE

Take courses online, on campus, or in our innovative connected classrooms. Study full- or part-time and tailor your DeVry experience to fit your life. Classes start every 8 weeks, so you can begin your college degree when it makes sense for you.

<sup>1</sup> 125 for students enrolled at a Pennsylvania location.

<sup>2</sup> Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at <https://www.devry.edu/online-programs.html>.

**ESSENTIALS**

**40**  
CREDIT HOURS

**COMMUNICATION SKILLS**

- ENGL112 Composition
- ENGL135 Advanced Composition

**HUMANITIES<sup>1</sup>**

- ETHC445 Principles of Ethics
- LAS432 Technology, Society, and Culture

**SOCIAL SCIENCES**

- ECON312 Principles of Economics
- SOCS185<sup>2</sup> Culture and Society

**MATHEMATICS AND NATURAL SCIENCES**

- MATH114 Algebra for College Students
- MATH221 Statistics for Decision-Making
- SCI228<sup>3</sup> Nutrition, Health and Wellness with Lab

**ADDITIONAL GENERAL EDUCATION SELECTION**

- SPCH275 Public Speaking

**PERSONAL AND PROFESSIONAL DEVELOPMENT**

- CARD405 Career Development
- COLL148 Critical Thinking and Problem-Solving

<sup>1</sup> Students enrolled at a Pennsylvania location must take HUMN451 as part of this requirement.  
<sup>2</sup> Students enrolled at a Nevada location must take POLI332 as part of this requirement or the General Education Option.  
<sup>3</sup> Ohio residents enrolled as online students, and students enrolled at an Ohio location, must take an additional natural sciences course from those with prefixes BIOS, PHYS, or SCI as part of this requirement.

**BUSINESS CORE**

**18**  
CREDIT HOURS

**BUSINESS CORE**

- ACCT212 Financial Accounting
- BIS155 Data Analysis with Spreadsheets with Lab
- BUSN115 Introduction to Business and Technology
- BUSN319 Marketing
- COMP100 Computer Applications for Business with Lab
- MGMT303 Principles of Management

**PROGRAM**

**38**  
CREDIT HOURS

**MANAGEMENT AND TECHNOLOGY**

- BIS245 Database Essentials for Business with Lab
- BUSN278 Budgeting and Forecasting
- BUSN369 International Business
- CIS115 Logic and Design
- MGMT404 Project Management
- MGMT410 Human Resource Management

**ANALYTICS**

- BIAM300 Managerial Applications of Business Analytics
- BIAM400 Applied Business Analytics
- BIAM410 Database Concepts in Business Intelligence

**SENIOR PROJECT**

- BUSN460 Senior Project

**SPECIALIZED**

**27**  
CREDIT HOURS

**INFORMATION TECHNOLOGY - NETWORKING FUNDAMENTALS**

- COMP230 Introduction to Scripting and Database with Lab
- NETW191 Fundamentals of Information Technology and Networking
- NETW211 Fundamentals of Cloud Computing
- NETW230 Network Operating Systems - Windows, with Lab
- NETW260 Intermediate Information Technology and Networking I
- NETW270 Intermediate Information Technology and Networking II
- SEC280 Principles of Information Systems Security
- SEC440 Information Systems Security Planning and Audit

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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](http://www.hlcommission.org). 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](http://www.tn.gov/thecc), [www.tn.gov/thecc](http://www.tn.gov/thecc). Nashville Campus: 3343 Perimeter Hill Dr., Nashville, TN 37211. Programs, course requirements and availability vary by location. Some courses may be available online only. All students enrolled in site-based programs will be required to take some coursework online and, for some programs and locations, a substantial portion of the program may be required to be completed online. DeVry's academic catalog, available via [devry.edu/catalogs](http://devry.edu/catalogs), contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing. ©2019 DeVry Educational Development Corp. All rights reserved. Version 9/14/2020

