Bachelor's Degree Program
TECHNICAL MANAGEMENT

Specialization: **Information Technology**

QUICK FACTS

122
CREDIT HOURS
minimum credit hours
required for graduation

9.1%
GROWTH NATIONALLY FROM 2016-2026
FOR EMPLOYMENT OF GENERAL AND OPERATIONS MANAGERS[1]

2 + 8
YEARS MONTHS
minimum length
to graduation[2]

[1]https://data.bls.gov/projections/occupationProj. Data reflects a national projected percentage change in employment from 2016-2026 and may not reflect local economic conditions. [2]Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/degree-programs.html

ABOUT THIS DEGREE PROGRAM

For those with prior college education or professional experience, the bachelor's degree completion program in Technical Management at DeVry University can help you develop the management skills needed to work in many business areas and industries, such as accounting, project management, entrepreneurship, marketing, and human resources. With previously earned qualifying college credits, you may be able to earn your bachelor's degree in less time.

Our Technical Management degree program is designed to prepare students to meet the challenges of a high-tech, global marketplace by bringing the real world into the classroom. Through experiential projects, you can develop the skills and business acumen needed in today's business world.

If you have prior work or educational experience, you may also want to consider our Management degree program, which is available with many of the same specializations.

Through our TechPath approach, we've put technology at the core of our programs in business, tech and health – including this program. Every TechPath class you take revolves around a unique learning rubric developed at DeVry. We call it People-Process-Data-Devices or P2D2. You'll gain real skills in collaboration, be able to adapt to new structures, and be comfortable working with data and a wide spectrum of tech-forward tools. P2D2 is a key component of what makes TechPath a smart, new way of getting the knowledge you need to be ready to hit the ground running in the way successful companies work today.

GENERAL EDUCATION COURSEWORK

Communication Skills
ENGL112[4]   Composition
ENGL135   Advanced Composition

Humanities[3]
ETHC445   Principles of Ethics
LAS432   Technology, Society and Culture

Social Sciences
ECON312   Principles of Economics
SOCS185[1]   Culture and Society

Mathematics and Natural Sciences
MATH114   Algebra for College Students
MATH221   Statistics for Decision-Making
SCI228[2]   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

[1] Students enrolled at a Nevada location must take POLI332 as part of this requirement or the General Education Option.
[2] Students enrolled at a New Jersey location may take PHYS204 or SCI200 to fulfill this requirement.
[3] Students enrolled at a Pennsylvania location must take HUMN451 as part of this requirement.
[4] Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

CORE-DEGREE COURSEWORK

Business, Management and Technology
ACCT212   Financial Accounting
BIS155   Data Analysis with Spreadsheets with Lab
BIS245   Database Essentials for Business with Lab
BUSN115   Introduction to Business and Technology
BUSN412   Business Policy
COMP100   Computer Applications for Business with Lab
MGMT303   Principles of Management
MGMT404   Project Management

Senior Project
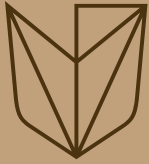BUSN460   Senior Project

Electives[3]

The following suggested electives follow the TechPath and ensure students meet prerequisite requirements. Qualifying prior college coursework not meeting other program requirements may be applied toward the elective hours. Students may request alternate elective courses through academic advising.

BUSN319   Marketing
BUSN369   International Business
CIS115   Logic and Design
CIS170C   Programming with Lab
CIS206   Architecture and Operating Systems with Lab
MGMT408   Management of Technology Resources
SEC310   Principles and Theory of Security Management

[3] Students enrolled at a New Jersey location must take 55 semester-credit hours of general education coursework. Fifteen semester-credit hours of general education coursework may be applied to the Electives course area.

Courses in blue are part of the DeVry TechPath

DeVry University

Bachelor's Degree Program | Technical Management
SPECIALIZATION: **INFORMATION TECHNOLOGY**

ABOUT THIS SPECIALIZATION

DeVry University's bachelor's degree program in Technical Management can help prepare you for the workplace with a solid business foundation. Our specialization in Information Technology can further focus your studies.

The dynamic world of information technology (IT) connects people, process, data and devices, across offices and around the globe. Our Information Technology specialization introduces you to many aspects of the digital mesh that supports modern business and fuels the consumer marketplace. From cloud computing and big data storage to mobile applications and computing networks, you can explore technical solutions to address organizational problems. You can discover how to plan and manage IT infrastructure, and how to apply cybersecurity measures to protect systems from vulnerabilities.

You can also learn the networking and IT skills to help prepare you for the Cisco Certified Networking Associate (CCNA) and the Cisco Certified Entry Networking Technician (CCENT) certifications, industry-recognized credentials which can validate your skills to hiring managers. And, as a student enrolled in our Information Technology specialization, you can take advantage of our Certification Prep courses at no tuition charge.

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

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

DID YOU KNOW?

DeVry University's Bachelor of Science in Technical 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.

**ACBSP
ACCREDITED**

KNOWLEDGE AND SKILLS

ADMINISTRATION AND MANAGEMENT — Understand business and management principles involved in IT infrastructure, information security, cyber-security, strategic planning, resource allocation and coordination of people and resources.

DETERMINING COMPLIANCE WITH STANDARDS — Use relevant information and individual judgment to determine whether events or processes comply with laws, regulation or standards.

INFORMATION AND CYBERSECURITY FOUNDATIONS — Identify common security threats and vulnerabilities such as malware, phishing, spoofing and social engineering.

COMPUTING SKILLS — Explore operating systems, basic coding techniques and ways to use software packages to analyze business problems.

NETWORK FUNDAMENTALS — Gain working and certifiable knowledge of basic networks, routing and switching essentials, scaling networks, connecting and securing networks, and small network configuration, troubleshooting and management.

PROGRAM-SPECIFIC COURSEWORK

ALL of these courses

COMP230	Introduction to Scripting and Database with Lab
SEC280	Principles of Information Systems Security
SEC440	Information Systems Security Planning and Audit

ALL of these courses

NETW202	Introduction to Networking with Lab
NETW204	Introduction to Routing with Lab
NETW206	Introduction to Switching with Lab
NETW208	Introduction to WAN Technologies with Lab
NETW230	Network Operating Systems – Windows, with Lab

OR

ALL of these courses

NETW203	Cisco Networking Academy - Introduction to Networking with Lab
NETW205	Cisco Networking Academy - Introduction to Routing with Lab
NETW207	Cisco Networking Academy - Introduction to Switching with Lab
NETW209	Cisco Networking Academy - Introduction to WAN Technologies with Lab
NETW230	Network Operating Systems – Windows, with Lab

Courses in blue are part of the DeVry Tech Path

DeVry University