### Bachelor's Degree Program

**TECHNICAL MANAGEMENT**

Specialization: Business Information Systems

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#### 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.

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#### GENERAL EDUCATION COURSEWORK

At DeVry University, we believe in the value of a comprehensive education. This means broadening your knowledge and skill sets beyond the area of your degree program, to prepare you to succeed in today’s diverse and evolving workplace.

From day one, you can learn important analytical and communication skills, such as problem-solving, reasoning and analysis, academic and professional writing, and mathematics and statistics skills. These skills can better equip you to work across cultures and understand a wide range of concepts that influence your area of study.

**General Education Coursework:**

- Communication Skills
- Humanities
- Mathematics
- Natural Sciences
- Social Sciences

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#### CORE-DEGREE COURSEWORK

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIS155</td>
<td>Data Analysis with Spreadsheets with Lab</td>
<td>3</td>
</tr>
<tr>
<td>BUSN115</td>
<td>Introduction to Business and Technology</td>
<td>4</td>
</tr>
<tr>
<td>COMPOO</td>
<td>Computer Applications for Business with Lab</td>
<td>3</td>
</tr>
<tr>
<td>MGMT303</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT404</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSN369</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSN412</td>
<td>Business Policy</td>
<td>3</td>
</tr>
<tr>
<td>BUSN420</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>MGMT340</td>
<td>Business Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MGMT410</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**ALL of these courses**

- **8 semester-credit hours**

**1 of these courses**

- **25 credit hours**

Approximately 7-8 elective courses are chosen through academic advising, from courses that are different from those used to meet any other graduation requirement. They may be selected from other courses in the Technical Management program, or from other courses listed in the academic catalog, provided prerequisites are satisfied. Qualifying prior college coursework not meeting other program requirements may be applied to the elective hours.

*Students may select any courses not completed in “1 of these courses” or any courses in other specializations in this program or their prerequisites (limitations apply; see catalog for details).*

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Programs, course requirements and availability vary by location. Some courses may be available online only. DeVry’s academic catalog, available via 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.
Bachelor’s Degree Program
TECHNICAL MANAGEMENT
Specialization: Business Information Systems

ABOUT THIS SPECIALIZATION

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

The business information systems field embraces technology by using software and hardware to streamline procedures, data and digital information. Our Business Information Systems specialization can help you develop and apply your business skills to tasks such as developing processes and systems to collect, filter, create, manage and distribute data. By combining key business and technology skills, you can help ensure data integrity and improve the effectiveness and efficiencies of individuals and organizations. Business information systems are used in industries such as healthcare, government, education and many more.

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

- Account Manager
- Administrative Assistant
- Business Analyst
- Business Information Specialist
- Computer and Information Systems Manager
- Database Manager
- E-commerce Specialist
- Internet Coordinator
- Management Analyst
- Management Consultant
- Systems Analyst
- Systems Manager

Employment in some occupations may require years of relevant experience.

KNOWLEDGE AND SKILLS

SYSTEMS IMPLEMENTATION AND TRAINING — Implement systems and manage change via needs analysis, training and implementation plans, training materials and training sessions using e-learning technologies.

BUSINESS PROCEDURES — Evaluate, implement and improve business activities and procedures, such as organizational change, communications, information flow, integrated production methods, inventory control and cost analysis.

BUSINESS INTELLIGENCE AND DATA ANALYSIS — Organize, analyze and present data using business tools such as database management systems; make business decisions based on such data.

ADMINISTRATION AND MANAGEMENT — Understand the business and management principles involved in strategic planning, resource allocation, production methods and coordination of people and resources.

PRINCIPLES OF WEB DEVELOPMENT — Understand web page design from the perspective of the business manager. Develop sufficient technical knowledge to effectively communicate with information technology (IT) professionals, such as webmasters and network administrators.

CRITICAL THINKING — Use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

COMPLEX PROBLEM SOLVING — Identify complex problems and review related information to develop and evaluate options, and implement solutions.

PROGRAM-SPECIFIC COURSEWORK

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIS261</td>
<td>Requirements Gathering and Testing</td>
<td>3</td>
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<tr>
<td></td>
<td>with Lab</td>
<td></td>
</tr>
<tr>
<td>BIS311</td>
<td>Object-Oriented Programming for</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Business with Lab</td>
<td></td>
</tr>
<tr>
<td>BIS325</td>
<td>Principles of Web Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>with Lab</td>
<td></td>
</tr>
<tr>
<td>BIS345</td>
<td>Data Analysis for Decision-Making</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>with Lab</td>
<td></td>
</tr>
<tr>
<td>BIS360</td>
<td>Systems Implementation and Training</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>with Lab</td>
<td></td>
</tr>
<tr>
<td>BIS445</td>
<td>Business Intelligence and Data</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Analysis with Lab</td>
<td></td>
</tr>
<tr>
<td>BIS450</td>
<td>Web-Based Solutions with Lab</td>
<td>3</td>
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</table>

ALL of these courses

<table>
<thead>
<tr>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BUSN460</td>
<td>Senior Project</td>
<td>3</td>
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</tbody>
</table>

OR

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BUSN462</td>
<td>Senior Project I</td>
<td>3</td>
</tr>
<tr>
<td>BUSN463</td>
<td>Senior Project II</td>
<td>3</td>
</tr>
</tbody>
</table>

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 they have met the standards of business education that promote teaching excellence.

In New York, DeVry University operates as DeVry College of New York.


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