# Technical Management

## Bachelor's Degree Program

### Specialization: Project Management

## 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.

## GENERAL EDUCATION COURSEWORK

<table>
<thead>
<tr>
<th>Category</th>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Skills</td>
<td>ENGL112</td>
<td>Composition</td>
</tr>
<tr>
<td></td>
<td>ENGL135</td>
<td>Advanced Composition</td>
</tr>
<tr>
<td>Humanities</td>
<td>ETHC445</td>
<td>Principles of Ethics</td>
</tr>
<tr>
<td></td>
<td>LAS432</td>
<td>Technology, Society and Culture</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>ECON312</td>
<td>Principles of Economics</td>
</tr>
<tr>
<td></td>
<td>SOCS185*</td>
<td>Culture and Society</td>
</tr>
<tr>
<td>Mathematics and Natural Sciences</td>
<td>MATH114</td>
<td>Algebra for College Students</td>
</tr>
<tr>
<td></td>
<td>MATH221</td>
<td>Statistics for Decision-Making</td>
</tr>
<tr>
<td></td>
<td>SCI228*</td>
<td>Nutrition, Health and Wellness with Lab</td>
</tr>
</tbody>
</table>

**Additional General Education Selection**

- SPCH275 Public Speaking
- 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.

## Core-Degree Coursework

<table>
<thead>
<tr>
<th>Category</th>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business, Management and Technology</td>
<td>ACCT212</td>
<td>Financial Accounting</td>
</tr>
<tr>
<td></td>
<td>BIS185</td>
<td>Data Analysis with Spreadsheets with Lab</td>
</tr>
<tr>
<td></td>
<td>BIS245</td>
<td>Database Essentials for Business with Lab</td>
</tr>
<tr>
<td></td>
<td>BUSN115</td>
<td>Introduction to Business and Technology</td>
</tr>
<tr>
<td></td>
<td>BUSN412</td>
<td>Business Policy</td>
</tr>
<tr>
<td></td>
<td>COMP100</td>
<td>Computer Applications for Business with Lab</td>
</tr>
<tr>
<td></td>
<td>MGMT303</td>
<td>Principles of Management</td>
</tr>
<tr>
<td></td>
<td>MGMT404</td>
<td>Project Management</td>
</tr>
</tbody>
</table>

**Senior Project**

- BUSN460 Senior Project

**Electives**

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
- CIS118 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

1 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

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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.

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, contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing.
ABOUT THIS SPECIALIZATION

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

Project managers guide a project from planning to completion by facilitating ideas, resources and information from team members and outside resources. In this role, you may manage a team of developers, builders, designers, manufacturers or other professionals in order to create final products that may range from software to consumer goods. Our Project Management specialization can help you learn key tasks such as setting budgets and timelines, providing estimates, acquiring outside resources, and identifying and evaluating project goals and deliverables.

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

- Construction Manager
- Cost Estimator
- General and Operations Manager
- Management Consultant
- Organizational Change Manager
- Procurement Manager
- Project Developer
- Project Manager
- Project Quality Manager
- Project Specialist
- Project Team Leader

Employment in some occupations may require years of relevant experience.

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.acbsbp.org, demonstrating that is has met the standards of business education that promote teaching excellence.

DeVry University's Technical Management, when completed with a Project Management specialization, is accredited by the Project Management Institute's (PMI) Global Accreditation Center (GAC). More information on this accreditation is available via www.pmi.org.

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 devry.edu/btm-ge.

For additional program information, visit devry.edu/btm.


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KNOWLEDGE AND SKILLS

ADMINISTRATION AND MANAGEMENT — Understand the fundamental management theories and traditional managerial responsibilities in formal and informal organizational structures, including planning, organizing, directing, controlling and staffing.

PROJECT PLANNING — Develop or update project plans, including information such as project objectives, technologies, systems, information specifications, schedules, funding and staffing.

PROJECT EXECUTION — Manage projects to ensure adherence to budget, schedule and scope.

STATUS REPORTING — Monitor and report on project progress by collecting, analyzing and summarizing information and trends.

PROJECT TASK SETTING — Assign duties, responsibilities and spans of authority to project personnel.

PROJECT TEAM SELECTION — Coordinate recruitment or selection of project personnel.

BUDGET MANAGEMENT — Develop and manage annual budgets for projects.

PROJECT ANALYSIS — Develop implementation plans that include cost-benefit or return on investment (ROI) analyses.

PROJECT COMMUNICATION — Establish and execute a plan for keeping internal and external contacts apprised of project developments and deliverables.

TOTAL QUALITY MANAGEMENT — Understand quality procedures and concepts for enhancing goods, services and the entire business process.

CONTRACTS AND PROCUREMENT — Understand how to acquire goods and services in order to meet project requirements from planning, solicitation and source selection, to contract administration and completion.

BUSINESS SYSTEMS ANALYSIS — Learn current techniques to review the activities and processes of a business, identify problems and create solutions. hone interviewing skills; navigate group dynamics; and develop process flows, data flows and data models to identify, define, document and solve business challenges.

PROGRAM-SPECIFIC COURSEWORK

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSCM326</td>
<td>Total Quality Management</td>
</tr>
<tr>
<td>MGMT340</td>
<td>Business Systems Analysis</td>
</tr>
<tr>
<td>PROJ330</td>
<td>Human Resources and Communication in Projects</td>
</tr>
<tr>
<td>PROJ410</td>
<td>Contracts and Procurement</td>
</tr>
<tr>
<td>PROJ420</td>
<td>Project Risk Management</td>
</tr>
<tr>
<td>PROJ430</td>
<td>Advanced Project Management</td>
</tr>
</tbody>
</table>

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