TECHNICAL MANAGEMENT
Specialization: Business Analytics

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.

A PROGRAM TO FUEL YOUR FUTURE
In this specialization, you'll learn to identify data needs, manage and secure databases, select and apply analytical methods, develop reports and recommend courses of action using analytics.

IS THIS PROGRAM FOR YOU?
Do you have potential transfer credits and an interest in how data drives business decision-making? Then this program might be the right fit for you.

CAREER OPPORTUNITIES

Graduates who complete DeVry's Bachelor's of Science in Technical Management degree with a specialization in Business Analytics may consider, but are not limited to, the following careers:

- Business Analyst
- Business Intelligence Administrator
- Business Intelligence Analyst
- Business Intelligence Developer
- Financial Analyst

WHAT YOU'LL LEARN

ESSENTIALS
- Communicate methods and findings
- Collaborate in a dynamic work environment
- Analyze numerical data

BUSINESS CORE
- Lead, manage and collaborate in diverse environments
- Explore basic analytical methods for data creation, collection and utilization
- Allocate financial and human resources, manage risk and analyze opportunities
- Evaluate and solve complex problems using numerical and qualitative data
- Use technology to develop business solutions to improve daily operations and long-term strategy

PROGRAM
- Apply leadership, resource management and conflict management techniques to solve business problems
- Analyze financial and statistical data using spreadsheet and database software
- Utilize core project management principles to create essential documents for effective communication

SPECIALIZED
- Select and apply methods to summarize data, identify patterns and make predictions
- Design databases, retrieve requested information and develop reports
- Analyze website activity and optimize websites for desired results
- Evaluate business processes and systems, recommend improvements and plan change initiatives
- Using predictive analytics and data visualization as a driver for effective business decisions utilizing regression methods
- Identify and analyze risk types and risk mitigation strategies to evaluate how potential issues impact business outcomes.
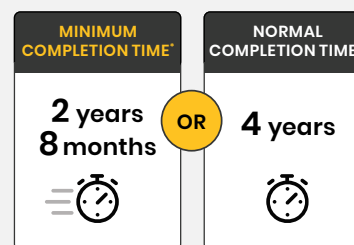
QUICK FACTS

122
CREDIT HOURS
minimum credit hours required for graduation

10%
GROWTH
nationally from 2022–2032 for employment of Management Analysts[1]

ACCREDITATION MATTERS

ACBSP ACCREDITED

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.

MINIMUM COMPLETION TIME*

2 years 8 months

OR

NORMAL COMPLETION TIME**

4 years

ACCELERATE ON YOUR SCHEDULE
Choose the schedule that best fits your goals and commitments. You can earn your **Bachelor's Degree** in as little as **2 years 8 months**.*

Or, follow a normal schedule and complete your program in 4 years.**

*Minimum completion time does not include breaks and assumes 3 semesters of year-round, full-time enrollment in 12-19 credit hours a semester per 12-month period.
**Normal completion time includes breaks and assumes 2 semesters of enrollment in 12-19 credit hours per semester per 12-month-period.

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Technical Management | Business Analytics

ESSENTIALS
40 CREDIT HOURS

COMMUNICATION SKILLS

ENGL112[1]	Composition
ENGL135	Advanced Composition
SPCH275	Public Speaking

HUMANITIES

ETHC445	Principles of Ethics
LAS432	Technology, Society, and Culture

SOCIAL SCIENCES

ECON312	Principles of Economics
SOCS185[2]	Culture and Society

MATHEMATICS AND NATURAL SCIENCES

MATH114	Algebra for College Students
SCI228[3]	Nutrition, Health and Wellness with Lab

Select one

MATH200	Quantitative Reasoning
MATH221	Statistics for Decision-Making

PERSONAL AND PROFESSIONAL DEVELOPMENT

CARD405	Career Development
COLL148	Critical Thinking and Problem-Solving

BUSINESS CORE
21 CREDIT HOURS

BUSINESS CORE

BIAM110	Introduction to Business Analytics
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

Select one

ACCT207	Fundamentals of Accounting
ACCT212	Financial Accounting

PROGRAM
34 CREDIT HOURS

MANAGEMENT AND TECHNOLOGY

One of

BIS245	Database Essentials for Business with Lab
BIS275	Advanced Excel

One of

MGMT404	Project Management
PROJ404	Project Management for the Profession

ELECTIVES[4]

Students choose twenty-three (23) credit hours from courses listed in the Course Descriptions section of the Academic Catalog provided they are not used to meet other graduation requirements, course prerequisites are met and the Elective course area credit hour requirement is satisfied. Students are encouraged to contact a student support advisor regarding elective course options.

The following suggested electives ensure students meet prerequisite requirements. Qualifying prior college coursework not meeting other program requirements may be applied toward elective hours.

ACCT360	Managerial Accounting
BIAM300	Managerial Applications of Business Analytics
BIS310	Compliance and Security Management
BUSN315	Contemporary Business
BUSN350	Business Analysis
BUSN369	International Business
BUSN379	Finance
GSCM206	Managing Across the Supply Chain
LEAD335	Cross-Cultural Leadership
LEAD430	Consulting and Problem-Solving
MGMT410	Human Resource Management

SENIOR PROJECT

BUSN460	Senior Project

SPECIALIZED
27 CREDIT HOURS

BUSINESS ANALYTICS

BIAM300	Managerial Applications of Business Analytics
BIAM400	Applied Business Analytics
BIAM410	Database Concepts in Business Intelligence
BIAM420	Introduction to Internet Analytics
BIAM430	Introduction to Visualization and Predictive Analytics
BUSN340	Introduction to Risk Analysis

One of

BIAM320	Analytics in the Business Environment
BUSN350	Business Analysis
LEAD430	Consulting and Problem-Solving

[1] Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

[2] Students enrolled at a Nevada location must take POLI332 as part of this requirement, the Additional General Education Selection or the Electives.

[3] Students enrolled at a New Jersey location must take TECH204 to fulfill this requirement.

[4] 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.

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