

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

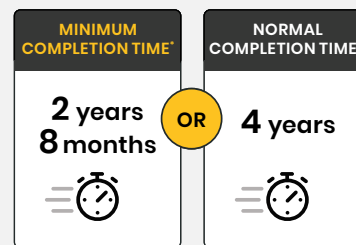
122
CREDIT HOURS
minimum credit hours
required for graduation

10%
GROWTH
nationally from 2022-2032
for employment of
Management Analysts¹



ACCREDITATION MATTERS

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.



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.

¹ <https://www.bls.gov/ooh/business-and-financial/management-analysts.htm>. Growth projected on a national level. Local growth will vary by location. BLS projections are not specific to DeVry University students or graduates and may include earners at all stages of their career and not just entry level.

Technical Management | Business Analytics

ESSENTIALS

40

CREDIT HOURS

COMMUNICATION SKILLS

ENGL112¹ Composition
ENGL135 Advanced Composition

Select one

SPCH275 Public Speaking
SPCH276 Intercultural Communication ☼

HUMANITIES

LAS432 Technology, Society, and Culture ☼

Select one

ETHC334 Diversity, Equity and Inclusion in the Workplace ☼
ETHC445 Principles of Ethics

SOCIAL SCIENCES

ECON312 Principles of Economics
SOCS185² Culture and Society ☼

MATHEMATICS AND NATURAL SCIENCES

MATH114 Algebra for College Students
SCI228³ 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

☼ This icon indicates Diversity, Equity & Inclusion Courses

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

ELECTIVES⁴

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.

visit [DeVry.edu](https://www.devry.edu) | Call 888.DeVry.04