CU | Business School
UNIVERSITY OF COLORADO **DENVER**

◤ MASTER OF SCIENCE
BUSINESS ANALYTICS

DENVER'S BUSINESS SCHOOL

The future of business education in the Rocky Mountain region is here, at the University of Colorado Denver's Business School. Located in Denver's vibrant downtown, the Business School's extensive range of degree programs and innovative industry specializations keep pace with the needs of students and businesses in the region and beyond. Flexible class schedules, AACSB accreditation, and a focus on real-world application make the Business School a top choice for working professionals. Graduates leave with skills and knowledge that prime them for careers of significance.

PREPARE FOR THE FUTURE

Business is becoming increasingly driven by data. Analytics and big data touch every aspect of business, driving the way businesses understand not only their own processes, but also the way their customers behave. Knowledge of business analytics is applicable to any industry, and the MS in Business Analytics degree from CU Denver provides the skills you need to be successful in this dynamic career.

EXPAND YOUR CAREER

Business analytics merges data, technology, and mathematical models to produce the evidence-based information needed for today's business and government decision-makers. Business analytics methods include exploration and modeling of big data, forecasting, data analysis, optimization, simulation, and project management. Students in the Business Analytics program at CU Denver learn the latest software and modeling technologies through projects and coursework taught by industry and academic experts, including state-of-the-art special topics courses.

91% — 91% of Fortune 1000 companies have a Big Data initiative planned or in progress *(2013, New Vantage Partners)*

1.5 million — 1.5 million data-savvy managers are needed to lead big data initiatives in the U.S. *(2011, McKinsey)*

BUSINESS ANALYTICS CAREERS:

Data Scientist

Director of Analytics and Business Intelligence

Community Development Analyst

Manager of Marketing Analytics

Supply Chain Analyst

Purchasing Manager

Operations Manager

Logistician

Operations Research Analyst

Industrial Production Manager

Project Manager

Strategic Solutions Consultant

Director of Web Research & Analytics

Business Intelligence Analyst

Director of Yield Analytics

Statistical Modeler

Customer Research and Knowledge Manager

Data Technology & Marketing Analytics Consultant

HR Information Systems Manager

Customer Experience Delivery Analyst

Market Development and Retention Specialist

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The MS in Business Analytics is a program that may be well suited for students with practical or educational experience in business seeking to refine or redirect their career with a graduate degree in Business Analytics.

PROGRAM REQUIREMENTS
The MS in Business Analytics requires 30 semester hours, which include 21 semester hours of required courses and 9 semester hours of electives.

REQUIRED COURSES

◤ **Core**
› **BUSN 6630** Management of Operations
› **BANA 6610** Statistics for Business Analytics
› **BANA 6620** Computing for Business Analytics
› **BANA 6630** Business Forecasting
› **BANA 6640** Decision Analysis
› **BANA 6650** Project Management
› **BANA 6660** Predictive Modeling with Big Data

◤ **Electives**
› (9 Semester Hours) which may include: Simulation Modeling, Supply Chain Management, VBA for Business Analytics, Marketing Research, and Special Topics such as Large Scale Optimization Methods with Big Data.

DUAL DEGREE
The Business School offers a dual degree with an MS in Business Analytics + MBA. This allows students to obtain the generalist MBA degree and the specialization of the MS with fewer courses than it would take to earn them separately.

Consider the following duals with your MS in Business Analytics: MBA, MS in Marketing, MS in Information Systems with specializations in Business Intelligence, Enterprise Technology Management, Web and Mobile Computing.

SCHOLARSHIPS
The Business School offers a variety of scholarship opportunities to help you finance your graduate degree. Some scholarships are based on need and others are based on academic accomplishment. For more information or to apply, please visit our website at business.ucdenver.edu/scholarship

To find out more, visit business.ucdenver.edu/ms/BusinessAnalytics, or email us at grad.business@ucdenver.edu. To schedule an appointment with an advisor, call 303-315-8200, or email us at grad.advising@ucdenver.edu.

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