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.

Decision Sciences, also known as Quantitative Business Analysis or Quantitative Methods and Modeling, is the application of quantitative methods to business decision-making using the techniques of statistics and operations management. Mathematical models, supplemented with company or government data, are used to provide solutions to workplace problems. CU Denver’s Business School is the only school in Colorado (public or private) that offers a MS degree or dual MS/MBA degree in Decision Sciences.

“Number crunching, a staple for decades in the quantifiable domains of engineering and finance, has spread in recent years into marketing and sales. Companies can now model and optimize operations, and can calculate the return on investment on everything from corporate jets to Super Bowl ads. These successes have led to the next math project: the worker.”

Business Week, March 12, 2009 “Data Mining Moves to Human Resources”

DEcision Science Careers:

These represent only a few of many decision-sciences related job opportunities:

Senior Manager, Field Operations Systems Support – DirecTV
Marketing Analytics Manager – Cochlear
GIS Data Analyst – NexGen Technologies
Strategy and Operations Manager – Deloitte Consulting

Senior Manager, Service and Repair Operations (Reverse Logistics) – DirecTV
Enterprise Transportation Manager – Shamrock Foods
Market Expansion and Operations Director – Kaiser Permanente
Senior Clinical Program Manager – McKesson Provider Technologies
Marketing Analyst – Rio Tinto
The MS in Decision Sciences is a program that appeals to students with practical or educational experience in business seeking to refine or redirect their career with a graduate degree in Decision Sciences.

**PROGRAM REQUIREMENTS**

The MS in Decision Sciences requires 30 semester hours, which include: 18 semester hours of required courses and 12 semester hours of electives. An advisor will evaluate prior coursework to determine prerequisite waivers.

**REQUIRED COURSES**

- **Prerequisites**
  - Analyzing and Interpreting Accounting Information
  - Students must have a working knowledge of the use of spreadsheets

- **Core**
  - BUSN 6530 - Data Analysis for Managers
  - BUSN 6630 - Management of Operations
  - DSCI 6820 - Project Management
  - DSCI 6230 - Business Forecasting
  - DSCI 6460 - Decision Analysis
  - DSCI 6910 - Decision Sciences Practicum

- **Electives**
  - Required Decision Sciences Elective Courses (12 Semester Hours)

**SPECIALIZATIONS**

Add the Decision Sciences specialization to your MBA degree and learn to use mathematical models to enhance decision-making capabilities in the workplace, with only four additional courses.

**DUAL DEGREE**

The Business School offers a dual degree with an MS in Decision Sciences + 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.

**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.

The Business School at CU Denver has earned accreditation by the Association to Advance Collegiate Schools of Business (AACSB International). This elite distinction is only granted to the top business programs in the world that meet rigorous standards for curriculum, faculty, library, and computer resources.