Business Analytics

at Benedictine University

Why study business analytics at Benedictine?

Business Analytics is the practice of using optimal business management decisions with the help of graphics and analytical tools. Business Analytics enables an organization to gain insight that drives data-driven decisions. The importance and prevalence of business analytics in business is highly recognized in the marketplace. A recent survey of approximately 3,000 executives, managers and business analysts across more than 30 industries was conducted by the MIT Sloan School of Management and IBM Institute for Business Value. The survey results show that top-performing organizations use analytics five times more than lower-performing organizations, creating a growing demand for employees with analytical skills and a foundation in business fundamentals. The Business Analytics major is designed to address this demand.

A student who graduates with a degree in Business Analytics will be well prepared to enter the marketplace with a broad-based knowledge of business fundamentals combined with analytical skills. A graduate can select a path that leads to a managerial position or choose a path that prepares them for a career involving hands-on data analysis and reporting of relevant business information for better managerial decision-making outcomes.

When you choose to become a Business Analytics major at Benedictine University, you will receive thorough exposure to Business Analytics-related principles and hands-on tools used in today's businesses. The major is designed to provide students with the business applications side of analytics while helping students understand the major software tools used on the job. Classes will focus on how analytics is applied to managerial decisions in business by experienced instructors, guest speakers and the use of practical case studies. You will also be prepared to pursue graduate studies.

Benedictine University offers you:

- An opportunity to study topics in specific analytics-related areas, such as visual techniques, decision dashboards, Web intelligence, and data and text mining.
- Opportunities to gain practical experience while earning a salary and collecting college credit through an internship.
- Close contact with professional faculty made possible by our low student-to-faculty ratio.
- The broad-based education that will help you get your first professional job and become an asset in earning future promotions.
- A superb location in Chicago's western suburbs where you will be near high-tech industries, many with national headquarters nearby.
- Potential membership in Business and Marketing Clubs, which organize field trips, guest speakers and social events around your business interests.
- An opportunity to participate in an investment club that manages more than $100,000 from the University's endowment fund.

What careers are available with a degree in Business Analytics?

Our program has been designed to provide you with the necessary theoretical and practical background for careers in the following business analytics-related fields:

- Corporate management
- Data analysis
- Analytical consulting
- Financial planning
- Project management
- Investment banking

Internship M.B.A., M.S. in Accountancy, and M.S. in Management Information Systems 4+1 Programs

Earn a graduate degree in approximately one year after earning your undergraduate degree with the Internship Master of Business Administration (M.B.A.), Master of Science in Accountancy, or Master of Science in Management Information Systems 4+1 programs. These programs were developed specifically for students who wish to earn an M.B.A. degree, M.S. degree in Accountancy, or M.S. degree in Management Information Systems immediately following an undergraduate degree. The Internship M.B.A. program provides a faculty advisor who guides students in locating internships. Acceptance into one of these programs is determined individually for each student based on official grades. Course waivers or substitutions are not guaranteed. Typically, two years of work experience is required for the Internship M.B.A., with consideration of part-time employment given.

Recommended Program

Bachelor of Business Administration in Business Analytics

FRESHMAN

Writing Colloquium	3
Finite Mathematics or College Algebra	3
Artistic and Creative (QCA) course	3
Accounting I	3
Physical Scientific (QPS) course	3
	15

Basic Speech	3
Research Writing	3
Principles of Microeconomics	3
Accounting II	3
Computational, Mathematical and Analytical (QCM)	3
	15

JUNIOR

Managerial Decision Making Under Uncertainty	3
Visualization Techniques and Dashboarding	3
Life Scientific (QLS) course	3
Business elective	3
Elective	3
	15

Database Structures and Queries	3
Elective	3
Human Dignity and the Common Good (IDS 301)	3
Literary and Rhetorical (QLR) course	3
BALT 300-level elective	3
	15

SOPHOMORE

Management	3
Business Statistics I	3
Computer Science (CMSC 180 and 184 or higher)	3
Principles of Marcroeconomics	3
Elective	3
	15

Managerial Finance	3
Marketing	3
Historical (QHT) course	3
Ethics*	3
Catholic and Benedictine Intellectual Traditions (IDS 201)	3
	15

SENIOR

Data and Text Mining	3
Specialized major elective	3
Theological/Religions (QRT) or Philosophical (QPL) course**	3
BALT 300-level elective	3
Elective	3
	15

Business Analytics Capstone	3
Specialized major elective	3
Strategic Management	3
Electives	6
	15

*The ethics requirement can be satisfied by PHIL 245 (QPL) or MGT/THEO 252 (QRT).

**If PHIL 245 is completed, a QRT course must also be completed. If MGT/THEO 252 is completed, a QPL course must also be completed.