

BUSINESS ANALYTICS GRADUATE OPTION

This option is offered within the following major(s):

- Business Administration - College of Business (<http://catalog.oregonstate.edu/college-departments/business/business-administration-mba-phd/>)

Also available via Ecampus.

The MBA Business Analytics graduate option supports a rapidly-growing interest from organizations that need people who can integrate data sets and tools to address opportunities and risks. The information value of both in-house and third-party data sets can now be leveraged using powerful emerging technologies. Increasingly organizations leverage advances in software interoperability, data exchange mechanisms and data mining and visualization techniques to better understand their operations, customers, and markets. This trend has become known as 'data mining,' 'business analytics,' 'business intelligence' or, nowadays, 'big data'.

Candidates with an undergraduate business major or minor can complete an MBA with business analytics in nine intensive months as full-time students. Other college graduates can take core-1 courses over the summer and join the cohort in the fall. Part-time students can complete the MBA over a longer time frame. A final capstone project and oral exam demonstrate a student's ability to apply learned concepts.

Option Code: 2059

The Business Analytics graduate option requires 60 credits of coursework, including 15 credits of Core-1 courses, 27 credit hours of Core-2 courses, 15 credits within the Business Analytics graduate option, and 3 credits for an elective.

Code	Title	Credits
Core-1 Coursework ¹		
BA 513	BUSINESS LEGAL ENVIRONMENT	3
BA 514	OPERATIONS MANAGEMENT	3
BA 515	MANAGERIAL DECISION TOOLS	3
BA 516	CREATING VALUE IN EXCHANGE	3
BA 517	MARKETS AND VALUATION	3
Core-2 Coursework		
BA 528	FINANCIAL AND COST ANALYSIS	3
BA 540	CORPORATE FINANCE	3
BA 550	ORGANIZATION LEADERSHIP AND MANAGEMENT	3
BA 555	PRACTICAL BUSINESS ANALYSIS	3
BA 561	SUPPLY CHAIN MANAGEMENT	3
BA 569	ADVANCED STRATEGIC MANAGEMENT	3
BA 572	ADVANCED INFORMATION SYSTEMS	3
BA 590	MARKETING MANAGEMENT	3
MGMT 559	MANAGING ETHICS AND CORPORATE SOCIAL RESPONSIBILITY	3
Business Analytics Graduate Option-Specific Courses		
BA 573	DATA ANALYTICS FOR COMPETITIVE ADVANTAGE	3
BA 574	DATA MANAGEMENT	3
BA 575	DATA EXPLORATION AND VISUALIZATION	3
BA 576	DATA AND TEXT MINING	3
BA 577	INTEGRATED BUSINESS ANALYTICS PROJECT	3

Unrestricted Elective Course

Select 3 credits	3
Total Credits	60

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Core-1 requirements may be waived if a candidate has a recent undergraduate major in business, or has completed equivalent course work within an undergraduate business minor.

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