

Business Analytics- Master of Science in Business Analytics

For information, contact the Department of Information Systems and Analytics, 3095 FSB, 513-529-4835

The MS in Business Analytics provides students with the skills and knowledge to excel at data driven decision making in organizations. It includes base level skills and knowledge required for data and analytics necessary across domains and an advanced set of skills and knowledge for decision making in a business context. This advanced knowledge includes machine learning applications in organizational settings, the forefronts of prescriptive methodologies, and applications of artificial intelligence. Students will also engage with practitioners about how analytics solutions are deployed and put to practice in organizations and be immersed in an experiential project to deliver a client based data-driven solution.

Program Requirements

Code	Title	Credit Hours
Required courses:		
ISA 512	Data Warehousing and Business Intelligence	3
ISA 514	Managing Big Data	3
ISA 591	Introduction to Data Mining in Business	3
ISA 616	Communicating with Data	3
ISA 630	Machine Learning Applications in Business	3
ISA 632	Big Data Analytics and Modern AI	3
ISA 633	Prescriptive Analytics in Business	3
ISA 634	Analytics Solution Deployment and Lifecycle Management	3
Six hour Experiential Component (course is three hours and repeated once)		6
ISA 650	Business Analytics Practicum	
Total Credit Hours		30