GRADUATE PROGRAMS IN
Business Analytics and Data Science

Operations, Business Analytics and Information Systems
Michael Fry, Department Head
business.uc.edu/departments/obais

The Operations, Business Analytics and Information Systems (OBAIS) Department in the UC Lindner College of Business offers several options to advance your career with specializations in analytics and / or information systems. Masters of Science degrees and graduate certificate options are offered. Flexible course options that accommodate part-time students, national recognition as a top data analytics program, an outstanding analytics and information systems faculty, internships, and 90-100% employment rates after graduation are strengths of these programs.

Master of Science in Business Analytics
Edward Winkofsky, Academic Director: 513-556-7179
business.uc.edu/msbana

- The Lindner MS program in Business Analytics seeks full-time and part-time students with quantitative or technical backgrounds (mathematics, engineering, statistics, science, economics etc.) who are interested in pursuing careers in the fast-growing fields of business analytics and data science.
- No work experience is needed to enter the program which can be completed in less than a year.
- Students learn data visualization, predictive modeling, data management, statistical analysis, data mining, optimization, simulation and many other skills.

Master of Science in Information Systems
Robert Rokey, Academic Director: 513-556-7058
business.uc.edu/msis

- The Master of Science in Information Systems accepts students from any undergraduate major who want to gain a real-world business and technology foundation that includes IT management strategy and project management.
- Students will understand technology's role in business and position themselves to stand out in the job marketplace.
- Flexible part-time options are available with evening and weekend classes.
- Most students also graduate with a Certificate in Data Analytics.
- 100% employment upon graduation for five straight years at companies such as Google, Microsoft, Accenture, Yahoo!, EY, Deloitte Consulting, Procter & Gamble, SAP, Unilever and many others.

Graduate Certificates

Data Analytics
Edward Winkofsky, Academic Director
513-556-7179
business.uc.edu/graduate/certificates

- The Data Analytics graduate certificate (12 credit hours) prepares individuals to develop logical data models, construct data warehouses, build visually effective data displays and use sophisticated analytical techniques to glean valuable insights.
- The four core courses include Business Intelligence, Data Management, Statistical Computing and Data Analysis Methods.
- Students pick two electives from a wide selection that include Data Visualization, Database Design, Data Mining and others.

Data Science
Karen Davis, Academic Director
Vicki Baker 513-556-4244
business.uc.edu/graduate/certificates

- The Data Science graduate certificate (15 credit hours) is a collaborative program between computer science and business analytics.
- Students are prepared to apply analytic techniques and algorithms (including statistical and data mining approaches) to large data sets to extract meaningful insights and acquire hands-on experience with relevant software tools, languages, data models, and environments for data processing and visualization.
- Core courses include Data Warehousing and Mining, Intelligent Data Analysis, Cloud Computing, Data Visualization, Data Analysis Methods and Statistical Computing.