MBA - Data Analytics Concentration

Curriculum

The Master of Business Administration degree program with a concentration in Data Analytics is a STEM-designated program designed to assist business professionals in advancing their careers by providing a solid foundation of graduate-level business courses to apply insights from data in business decisions. A major challenge in today's business environment is how professionally competent practitioners make the transition to managing people and business operations without losing their professional knowledge and expertise.

Upon completion of the program, graduates are expected to:

- Gather, interpret and analyze research to inform decision-making at operational and strategic levels of an organization.
- Use advanced communication skills and awareness of cultural differences in global and domestic business interactions.
- Analyze problems from a diverse perspective, propose effective solutions and evaluate the impact of executive decisions.
- Assess and evaluate business entities taking into account cross-functional environments as they affect ethical decision making in domestic and global organizations.
- Integrate the knowledge of mathematics, statistics, and computer science to collect, analyze and interpret data.

Graduates learn executive business competencies, professional leadership, and strategic and creative thinking skills that help them ethically solve problems that occur in the global business environment in culturally sensitive ways.

This program allows data analysis professionals to develop both their professional skills (concentration courses) and management skills while learning to think strategically in a complex, cost-competitive, knowledge-based environment.

This MBA concentration allows successful graduates to excel at both leading and doing. In this challenging employment environment, data analysis professionals must not only be competent in their fields, but be known as "can-do" leaders. This combination gives our graduates that clear edge to succeed.

Master of Business Administration - Data Analytics Concentration

Master of Business Administration

Foundation Courses		
BUS5000	Business Fundamentals	3
BUS5010	Quantitative Methods in Business	3
Core Courses		
ACCT5600	Accounting for Strategic Decision-Making	3
BUS5600	Business Analytics	3
FISV5600	Financial Management	3
MGMT5575	Operations Management	3
MGMT5800	Effective Leadership	3
MRKT5500	Strategic Marketing	3
RSCH5800	Evidence-Based Research in Management	3
Data Analytics Courses *		
DATA5025	Tools for Data Analytics	3
DATA5100	Statistical Analysis	3
DATA5200	Data Visualization	3
Choose one of the following:		3
DATA5300	Big Data Analytics	
DATA5400	Introduction to Predictive Modeling	
DATA5600	Research Methods in Data Analytics	
Career Capstone Course		
MGMT6800	Business Policy and Strategy	3
Total Credits		**36.0-42.0**

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Note for Providence Campus students: MBA concentration courses may only be available online. Students should consult with their academic advisor regarding course availability and for planning.

Admissions Requirements

Graduate

To be considered for admission into any JWU graduate degree program offered on campus,#the following documents must be submitted:

1. A completed graduate application for admission
2. Official or certified transcripts/mark sheets from all institutions attended, including proof of bachelor's degree and master's degree (if applicable) conferral. Transcripts issued to a student are not considered official unless in an unopened university envelope. When a graduate program application is submitted prior to completing requirements for the bachelor's degree, Graduate Admissions will consider the application and, if admissible, will offer an acceptance pending submission of final transcript verifying bachelor degree conferral. Without such verification, students may not be allowed to register for the current semester or continue enrollment, and will be in jeopardy of losing their academic status with the university.
3. Statement of Purpose: an essay explaining your motivation, aptitude and goals related to graduate-level study
4. Two letters of recommendation from individuals qualified to attest to the applicant's potential for success at the graduate level of study.
5. Current résumé or CV
6. Applicants holding a bachelor's degree in any area are welcome to apply; however, preference will be given to those with a bachelor's degree in IT or with significant experience in IT. A 2.85 cumulative grade point average is required.