

Business Analytics Concentration Course Descriptions

FALL – first year

Course Number & Title	Credit Hours	Description
MBA 8180 – Intro to Business Intelligence & Analytics for Managerial Decision Making	3	Online course designed to introduce common language, terminology and concepts related to business analytics as well as basic statistical concepts and skills
MBA 8040 – Analytics & Statistical Modeling for Managerial Decision Making	3	Data management, model fitting, model interpretation and analysis, linear models, exploratory data analysis, classification and regression

SPRING – first year

Course Number & Title	Credit Hours	Description
MBA 8990 – Analytics & Application Development	3	Object-oriented program development using top-down design; managing and communicating with a database.
MBA 8060 – Operations Management	3	Capacities, facilities, tests, vertical integration, workforce issues, materials control and other issues related to business operations

SUMMER – first year

Course Number & Title	Credit Hours	Description
MBA 8540 – Managerial Accounting	3	Analysis, interpretation and use of accounting information for planning and control in business decisions.
MBA 8610 – Information Systems	3	Critical role of information systems in business organizations
MBA 8810 – Ethics & Leadership	1	Leadership and soft skills training

FALL – second year

Course Number & Title	Credit Hours	Description
MBA 8070 – Financial Management	3	Theory of financial management as it relates to the financial problems faces by business concerns
MBA 8660 – Data Management & Warehousing	3	Focus on realizing business advantage and potential of data assets, operational and business intelligence in managerial decision making

SPRING – second year

Course Number & Title	Credit Hours	Description
MBA 8170 – Business Forecasting Techniques & Applications	3	Study of techniques and their applications for developing and assessing business forecasts
MBA 8990 – Special Topics	3	Students will work with local and regional companies on real-world projects

SUMMER – second year

Course Number & Title	Credit Hours	Description
MBA 8700 – Strategic Management	3	Ongoing process of positioning a firm for competitive advantage in a changing environment
MBA 8880 - Internship	2	Required for all students