BUSINESS ANALYTICS - BAN

BAN 609 Business Analytics & Forecasting   3 Credits
This course builds on the tools of statistical inference developed in MBA 503 to address issues of estimation and hypothesis testing encountered in regression analysis and forecasting. A comprehensive introduction to econometric modeling and forecasting will be provided. Emphasis will be place on application, interpretation and evaluation of forecasts.
Offered: every fall, spring, & summer.

BAN 697 Business Analytics: Applied Project   0.5-3 Credits
The applied project must be approved by the BANM Academic Director. The applied project must be at least a time commitment of 40 hours and relate to skills learned in BANM coursework. Students must complete an application to have the applied project approved and will submit a reflection paper upon completion of the project. The course is graded pass/fail.
Offered: occasionally.

BAN 698 Business Analytics Internship   3 Credits
Completion of an approved internship that includes a defined project applying knowledge, skills, and techniques of data analysis to a business problem. A minimum of 150 hours is required for full-time students doing an internship. Part-time students may complete this experience with the support of their current employer by designing an applied project. Students must submit for approval a description of the internship duties (FT only) and a detailed summary of the applied business analytics project specified by the company. Upon completion, students must submit a written paper and reflection, summarizing the business problem as well as the outcomes of their project, and including a description of how the results of the analysis support the goals of the business or organization. Students will also present an overview of their project to peers and faculty.
Offered: every fall, spring, & summer.

BAN 707 Business Systems and Analytics   3 Credits
Development, organization, and implementation of manual and electronic accounting information systems. Emphasis on flow charts and analysis, modification, and improvement of existing systems.
Prerequisite: ACC 505 or ACC 701.
Offered: every fall & spring.

BAN 731 Business Analytics, Data Visualization & Modeling   3 Credits
Overview of electronic business transactions emphasizing concepts and foundations underlying data analytics for accounting. Course provides theoretical foundations of business intelligence, descriptive analytics, data visualization, and predictive analytics. Students apply data analytic concepts through the use of analytics software.
Prerequisite: ACC 707 or BAN 707.
Offered: every spring.

BAN 752 Strategic Performance Analytics   3 Credits
Evaluating enterprise information, enterprise resource planning (ERP) system design and functionality, data integrity, use of financial and non-financial information for organizational decision-making, business process improvement and risk management.
Prerequisite: BAN 707 or ACC 707.
Offered: every spring.