MASTER OF SCIENCE MANAGEMENT INFORMATION SYSTEMS (DATA ANALYTICS CONCENTRATION), MIS

The MS in MIS program with a concentration in Data Analytics is designed to meet the evolving needs of aspiring professionals in the Information Technology field. Students will gain Data Analytics knowledge and skills to successfully transform available data into actionable information. A concentration in Data Analytics enables an MS in MIS student to gain a competitive edge by learning critical skills needed to effectively use Data Analytics to harness the potential of the vast amount of data available within and outside any organization/industry.

Admission Process

Students admitted to the Master of Science in Management Information Systems (MS in MIS) program at the Jesse H. Jones School of Business will be eligible to pursue this concentration.

Course Requirements

The Master of Science in MIS degree with the Data Analytics concentration requires thirty-three (33) hours of course work, including three (9) hours of concentration course(s) credit hours.

DEGREE REQUIREMENTS

Students pursuing the MS in MIS with concentration in Data Analytics must meet the academic regulations and requirements of the Jesse H. Jones School of Business and the Graduate School including those related to the minimum GPA and scholastic discipline.

Curriculum Summary

Core Courses

Code	Title	Hours
MGSC 625	Supply Chain Management	3
MIS 672	Application Programming	3
MIS 675	Database Management Systems	3
MIS 676	Web Design & Development	3
MIS 677	E-Commerce	3
MIS 680	System Analysis & Development	3
MIS 681	IT Project Management	3
MIS 685	Management of Info System	3
Total Hours		**24**

Concentration Courses

Code	Title	Hours
MGSC 624	Statistical Methods	3
MIS 686	Data Analytics and Visualization	3
MIS 688	Applied Predictive Analytics	3
Total Hours		**9**

The following courses or equivalent thereof must have been completed or must be completed as prerequisites to the MS in MIS level courses:

Code	Title	Hours
ACCT 231	Principles Of Accounting I	3
ECON 2301	Principles Of Economics I (OR)	3
ECON 2302	Principles Of Economics II	
MGSC 239	Business Statistics I	3
MGSC 302	Operations Management I	3
MGMT 300	Principles of Management	3
FIN 301	Basic Financial Management	3
MKTG 306	Principles of Marketing	3
MIS 304	Information Technology	3