

**MASTER OF SCIENCE IN INFORMATION
SYSTEMS AND BUSINESS ANALYTICS
2021-2022**

Student's Name: _____
 Entrance Date: _____
 B.A. or B.S. in: _____
 From: _____

REQUIREMENTS			36
MBA	540	Statistics & Quantitative Methods	3
MSEM	530	Engineering Analysis I	3
MIS	520	Management Information Systems	3
MIS	525	Business Analytics	3
MIS	530	Data Analysis & Visualization	3
MSEM	525	Engineering Project Management	3
MIS	540	Database Management & Applications	3
MIS	545	Applied Data Mining	3
MIS	550	Development of Support Networks	3
MSEM	545	Project in Engineering Management	3
MIS	560	Special Topics in MIS	3
MIS	565	Speical Topics in MIS	3

* MIS portfolio requirement. Please see second page.

Program Objectives

M.S in Information Systems, Business Analytics and Engineering

Upon successful completion of this program, a student will be able to:

- 1 Students will be able to formulate strategic planning process for organizational information technology and business analytics.
- 2 Students will be able to choose appropriate information system management and business analytics components.
- 3 Students will be able to consider organizational goals and/or objectives and select appropriate information technology and business analytics tools to achieve them.
- 4 Students will be able to intergrate and evaluate project management techniques and tools.

*Student portfolios must contain at least one artifact per course. The following is an array of artifacts that a student may consider using for courses: research papers, presentations, assignments, case studies, and other pertinent materials related to the course. Only one artifact is required to meet the criterion pertaining to a program objective. If applicable, one artifact may be used to meet the criteria of one or two program objectives.