



## MASTER OF SCIENCE IN MANAGEMENT (MSM)

### Curriculum Grid

MODULE 1: CORE COURSES – 15 Credits (All Module 1 Courses are Required)		CREDITS
<a href="#">ACCT 615</a>	Management Accounting	3
<a href="#">FIN 600</a>	Corporate Finance I	3
<a href="#">HRM 601</a>	Managing Organizational Behavior in Technology-Based Organizations	3
<a href="#">MIS 645</a>	Information Technology & Competitive Advantage	3
or <a href="#">IS 677</a>	Information System Principles	
<a href="#">MRKT 632</a>	Marketing Strategy for Technology-Based Organizations	3
Total Required Credits from Core Courses:		15
MODULE 2: Concentration Areas (Choose 15 Credits from <b>One</b> of the Concentrations)		
<b>GLOBAL PROJECT MANAGEMENT <sup>1</sup></b>		
<a href="#">ECON 610</a>	Managerial Economics	3
<a href="#">MGMT 641</a> or <a href="#">EM 636</a>	Global Project Management Project Management	3
<a href="#">EM 637</a>	Project Control	3
<a href="#">EM 691</a>	Cost Estimating for Capital Projects	3
<a href="#">IE 618</a>	Engineering Cost and Production Economics	3
<a href="#">IE 659</a>	Supply Chain Engineering	3
<a href="#">IS 663</a>	System Analysis and Design	3
<a href="#">IS 684</a>	Business Process Innovation	3
<b>BUSINESS ANALYTICS <sup>2</sup></b>		
<a href="#">IS 631</a>	Enterprise Database Management	3

<a href="#">EM 636</a> or <a href="#">MGMT 641</a>	Project Management Global Project Management	3
<a href="#">OM 675</a>	Supply Chain Management and Analytics	3
<a href="#">IS 688</a>	Web Mining	3
<a href="#">MATH 661</a>	Applied Statistics	3
<a href="#">MGMT 630</a>	Decision Analysis	3
<a href="#">MGMT 635</a>	Data Mining and Analysis	3
<a href="#">MGMT 650</a>	Knowledge Management	3
<a href="#">MIS 648</a>	Decision Support Systems for Managers (Prerequisite: MIS 645 or IS 677)	3
<a href="#">MRKT 645</a>	Digital Marketing Strategy	3
<a href="#">DS 644</a>	Introduction to Big Data	3
<b>FINANCIAL TECHNOLOGY</b>		
<a href="#">FIN 611</a>	Introduction to Topics in Fin Tech (Prerequisite: Introductory Programming Course)	3
<a href="#">FIN 616</a>	Data Driven Financial Modeling (Prerequisite: FIN 600)	3
<a href="#">FIN 620</a>	Advanced Financial Data Analytics (Prerequisite: FIN 616)	3
<a href="#">FIN 641</a>	Derivatives Markets (Prerequisite: FIN 600)	3
<a href="#">FIN 626</a>	Financial Investment Institutions (Prerequisite: FIN 600)	3
<a href="#">FIN 624</a>	Corporate Finance II (Prerequisite: FIN 600)	3
<a href="#">MGMT 635</a>	Data Mining and Analysis	3
<b>Total Credits</b>		<b>30</b>

<sup>1</sup>	One course must be Managerial Economics or <a href="#">MGMT 641</a> Global Project Management or <a href="#">EM 636</a> Project Management
<sup>2</sup>	One course must be <a href="#">MGMT 630</a> , <a href="#">MGMT 635</a> , <a href="#">MIS 648</a> , or <a href="#">MRKT 645</a> .