



MASTER OF SCIENCE IN MANAGEMENT (MSM)

Curriculum Grid

MODULE 1: CORE COURSES – 15 Credits <i>(All Module 1 Courses are Required)</i>		CREDITS
ACCT 615	Management Accounting	3
FIN 600	Corporate Finance I	3
HRM 601	Organizational Behavior	3
MIS 645	Information Systems Principles	3
or IS 677	Information System Principles	
MRKT 620	Competing in Global Markets	3
Total Required Credits from Core Courses:		15
MODULE 2: Concentration Areas <i>(Choose 15 Credits from 1 Area)</i>		
Global Project Management¹		
ECON 610	Managerial Economics	3
MGMT 641	Global Project Management	3
or EM 636	Project Management	
EM 637	Project Control	3
EM 691	Cost Estimating for Capital Projects	3
IE 618	Engineering Cost and Production Economics	3
IE 659	Supply Chain Engineering	3
IS 663	System Analysis and Design	3
IS 684	Business Process Innovation	3
Web Systems and Media		
IS 601	Web Systems Development	3

IS 661	User Experience Design	3
IS 688	Web Mining	3
MRKT 645	Digital Marketing Strategy	3
PTC 601	Advanced Professional and Technical Communication	3
PTC 605	Elements of Visual Design	3
PTC 606	Advanced Information Design	3
Business Analytics ²		
IS 631	Enterprise Database Management	3
EM 636	Project Management	3
IS 688	Web Mining	3
MATH 661	Applied Statistics	3
MGMT 630	Decision Analysis	3
MGMT 635	Data Mining and Analysis	3
MGMT 650	Knowledge Management	3
MIS 648	Decision Support Systems for Managers (Prerequisite: MIS 645 or IS 677)	3
MRKT 645	Digital Marketing Strategy	3
CS 644	Introduction to Big Data	3
Financial Technology ³		
FIN 611	Introduction to Topics in Fin Tech (Prerequisite: Introductory Programming Course)	3
FIN 616	Data Driven Financial Modeling (Prerequisite: FIN 600)	3
FIN 620	Advanced Financial Data Analytics (Prerequisite: FIN 616)	3

FIN 641	Derivatives Markets (Prerequisite: FIN 600)	3
FIN 626	Financial Investment Institutions (Prerequisite: FIN 600)	3
FIN 624	Corporate Finance II (Prerequisite: FIN 600)	3
MGMT 735	Deep Learning in Business	3
MGMT 635	Data Mining and Analysis	3
Total Credits		30

- ¹ One course must be either [ECON 610](#) Managerial Economics or [MGMT 641](#) Global Project Management
- ² One course must be [MGMT 630](#), [MGMT 635](#), [MGMT 710](#), [MIS 648](#), or [MRKT 645](#).
- ³ One course must be FIN 611 and two courses must be FIN 616, FIN 620 or MGMT 735