

# Master of Science in Information Systems Management Check Sheet for \_\_\_\_\_

## NINE CORE COURSES REQUIRED

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 601	Professional Skills Development	3		
MISM 610	Database Management and Administration	3		
MISM 629	Legal and Ethical Issues in Business	3		
MISM 630	Financial Management for Information Systems Managers	3		
MMBA 640	Project Management	3		
MISM 661	Information Security/Assurance	3		
MISM 665	Management Information Systems	3		
MISM 670	Network Management & Design	3		
MISM 740	Business Intelligence ( <i>prerequisite MISM 610</i> )	3		
MISM 799	Integrated Capstone Project ( <i>prereq final semester or dept approval</i> )	3		

## TWO ELECTIVE COURSES REQUIRED

(Electives for the MS-ISM degree may be selected in combination with core courses to complete Advanced Studies Certificates offered by the College of Business)

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 646	Systems Integration ( <i>prerequisite MISM 610 &amp; MMBA 665</i> )	3		
MISM 659	Application Development ( <i>prerequisites MISM 610</i> )	3		
MISM 662	Network Penetration Testing ( <i>prerequisite MISM 661</i> )	3		
MISM 671	Advanced Network Management & Design ( <i>prerequisite MISM 670</i> )	3		
MISM 680	Current Topics in Information Systems Management	3		
MMBA 615	Quality Improvement Principles and Applications	3		
MMBA 705	Business Process Reengineering	3		
MMBA 760	Process and Value Stream Management Systems	3		

<b>TEN CORE COURSES REQUIRED</b>	30
<b>TWO ELECTIVE COURSES REQUIRED</b>	6
<b>TOTAL</b>	<b>36</b>

A grade of C or better is required for a class to count toward the MS degree. Students must maintain an overall GPA of 3.0 or better to avoid dismissal from the MS-ISM program. An overall GPA of 3.0 or better is required to earn the MS degree.

## MS-ISM Program Concentrations/Advanced Studies Certificates

### ASSN - ADVANCED STUDIES CERTIFICATE IN SECURITY & NETWORKING – 12 Credits

The *Security & Networking* certificate is designed to prepare individuals with both theoretical and practical experience in designing and protecting local area networking systems, incorporating principles of information security, incident detection/reaction, and computer forensic tools and techniques (ranging from the servers to personal digital assistants).

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 661	Information Security/Assurance	3		
MISM 662	Network Penetration Testing ( <i>prerequisite MISM 661</i> )	3		
MISM 670	Network Management & Design	3		
MISM 671	Advanced Network Management & Design ( <i>prerequisite MISM 670</i> )	3		
<b>SUBTOTAL</b>		<b>12</b>		

### ASSI - ADVANCED STUDIES CERTIFICATE IN E-BUSINESS AND SYSTEMS INTEGRATION – 12 Credits

The *E-Business and Systems Integration* certificate is designed to prepare individuals to select and determine information systems components, applications, database design and development, web application design and development, and to acquire the skills to develop and implement e-business applications.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 610	Database Management and Administration	3		
MISM 646	Systems Integration ( <i>prerequisite MISM 610 &amp; MMBA 665</i> )	3		
MISM 659	Application Development ( <i>prerequisites MISM 610</i> )	3		
MISM 665	Management Information Systems	3		
<b>SUBTOTAL</b>		<b>12</b>		

## MS-ISM Specialty Programs and Concentrations

### Master of Business Administration (MBA) Concentrations

MS-ISM students may select the Advanced Studies Certificate in Management Tools & Techniques (ASTT) from the MBA program.

### Five-year BS Accounting degree and MS-ISM toward CPA

Junior year Bachelor of Science in Accountancy program majors may apply for fourth and fifth year **dual enrollment in Accountancy MS-ISM**. Successful students earn their Bachelors, Masters, and satisfy the 150 minimum credit hours required to practice as a licensed Certified Public Accountant (CPA).

### Master of Science Nursing (MSN) Concentrations

MS-ISM students who hold a RN license may select a 12 hour concentration from the MSN program. MSN students may select a 12 hour **Informatics Certificate** from the MS-ISM.