



University of Maryland University College Graduate School of Management & Technology
 CSMN/ Information Assurance

(For students who started their program prior to Fall 2007)
 Please fill in the study plan, indicating course as completed.

Student Name _____ Empl id _____ Date _____

**Master of Science in Computer Systems Management
 Information Assurance Specialization**

KEY:

- Courses highlighted in **bold blue** indicate core courses included in the fall 2007 curriculum for the Master of Science in Information Technology (5 core courses needed).
- Courses highlighted in *italicized pink* indicate specialization courses included in the fall 2007 curriculum for the Information Assurance specialization (7 specialization courses needed).
- Additional courses may be needed to complete the fall 2007 curriculum. See the fall 2007 catalog for more information.

If Following Curriculum Prior to Fall 2007				
Prior to Fall 2007		Fall 2007 Course # and Title		
Required core courses				Semester Course Completed
Course #	Course Title	Course #	Course Title	
CSMN 601	Issues, Trends, and Strategies for Computer Systems Management	ITEC 610	Information Technology Foundations	
TMAN 640	Program and Project Management	ITEC 640	Information Technology Project Management	
And two of the following:				
CSMN 611	Computer Organization	ITEC 620	Information Technology Infrastructure	

CSMN 635	Systems Development and Project Control	ITEC 630	Analysis, Modeling, and Design	
CSMN 655	Information Risk Assessment and Security Management	<i>INFA 610</i>	Computer Security, Software Assurance, Hardware Assurance, and Security Management	
CSMN 661	Relational Database Systems	DBST 651	Relational Database Systems	
MSWE 645	System and Software Standards and Requirements	SWEN 645	Systems and Software Standards and Requirements	
TMAN 610	Economics and Financial Analysis	TMAN 625	Economics and Financial Analysis for Technology Managers	
TMAN 614	Strategic Management of Technology and Innovation	TMAN 614	Strategic Management of Technology and Innovation	
TMAN 632	Organizational Performance Management	TMAN 632	Organizational Performance Management	
Specialization courses				
CSMN 655	Information Risk Assessment and Security Management	<i>INFA 610</i>	Computer Security, Software Assurance, Hardware Assurance, and Security Management	
CSMN 681	Cryptology and Data Protection	<i>INFA 640</i>	Cryptology and Data Protection	

CSMN 683	Intrusion Detection, Incident Response, and Computer Forensics	<i>INFA 630</i>	Intrusion Detection and Intrusion Prevention	
TLMN 672	Network and Internet Security	<i>INFA 620</i>	Network and Internet Security	
And one of the following:				
CSMN 685	Security Policy, Ethics, and the Legal Environment	<i>INFA 660</i>	Security Policy, Ethics, and the Legal Environment	
ITSM 620	Concepts in Homeland Security	HSMN 610	Concepts in Homeland Security	
CSMN 668	Database Security	DBST 668	Database Security	
Electives : Choose three				
MGMT 625	Organizational Communication and Group Development	MGMT 615	Intercultural Communications and Leadership	
MGMT 635	Organizational Leadership and Decision Making	MGMT 615	Intercultural Communications and Leadership	
MGMT 650	Research Methods for Managers	MGMT 650	Research Methods for Managers	
ADMN 644	Decision Support Systems and Expert Systems	ISAS 640	Decision Support Systems and Expert Systems	
ADMN 645	Information Technology, the CIO, and Organizational Transformation	ISAS 650	Information Technology, the CIO, and Organizational Transformation	
COMM 600	Academic Writing for Graduate Students	COMM 600	Academic Writing for Graduate Students	
ECOM 610	Introduction to E-Commerce	EBUS 610	Introduction to E-	

			Business	
ECOM 620	E-Marketing	EBUS 620	E-Marketing	
ECOM 670	Social ,Legal, and Regulatory Issues	EBUS 630	Social, Legal, and Regulatory Issues	
IMAN 601	Strategic Management in a Global Environment	IMAN 601	Strategic Management in a Global Environment	
IMAN 625	International Trade and Trade Policy	IMAN 625	International Trade and Trade Policy	
MSWE 645	System and Software Standards and Requirements	SWEN 645	Systems and Software Standards and Requirements	
MSWE 646	Software Design and Implementation	SWEN 646	Software Design and Implementation	
MSWE 647	Software Verification and Validation	SWEN 647	Verification and Validation	
MSWE 648	Software Maintenance	SWEN 648	Software Maintenance	
<i>Any CSMN course</i>				
<i>Any ITSM course</i>				
<i>Any TLMN course</i>				
<i>Any TMAN course</i>				
Capstone : Must complete 27 hours of graduate coursework before enrolling in Capstone				
ITSM 670	Information Technology Integration and Applications	IMAT 670	Contemporary Topics in Informatics	

NOTE: If following Fall 2007 curriculum, the following specialization courses are needed in addition to those highlighted above:

		<i>INFA 650</i>	Computer Forensics	
		<i>INFA 670</i>	Information Assurance Capstone	