



University of Maryland University College Graduate School of Management & Technology

CSMN/ Database Systems Technology

(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  
Database Systems Technology 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 **Database Systems Technology 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		
<b>Required core courses</b>				
Course #	Course Title	Course #	Course Title	Semester Completed
CSMN 601	Issues, Trends, and Strategies for Computer Systems Management	<b>ITEC 610</b>	IT Foundations	
TMAN 640	Program and Project Management	<b>ITEC 640</b>	Information Technology Project Management	
<b>And two of the following:</b>				
CSMN 611	Computer Organization	<b>ITEC 620</b>	IT Infrastructure	
CSMN 635	Systems Development and Project Control	<b>ITEC 630</b>	Analysis, Modeling, and Design	

CSMN 655	Information Risk Assessment and Security Management	INFA 610	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	<b>TMAN 625</b>	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	
<b>Specialization courses</b>				
CSMN 661	Relational Database Systems	<b>DBST 651</b>	Relational Database Systems	
CSMN 662	Advanced Relational/Object-Relational Database Systems	<b>DBST 652</b>	Advanced Relational/Object-Relational Database Systems	
<b>And three of the following:</b>				
CSMN 663	Distributed Database Management Systems	<b>DBST 663</b>	Distributed Database Management Systems	
CSMN 664	Object-Oriented Database Systems	NA		

CSMN 665	Data Warehouse Technologies	<i>DBST 665</i>	Data Warehouse Technologies	
CSMN 666	Database Systems Administration	<i>DBST 670</i>	Database Systems Administration	
CSMN 667	Database Mining	<i>DBST 667</i>	Database Mining	
CSMN 668	Database Security	<i>DBST 668</i>	Database Security	
<b>Electives : Choose three</b>				
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>				
<b>Capstone : Must complete 27 hours of graduate coursework before enrolling in Capstone</b>				
ITSM 670	Information Technology Integration and Applications	IMAT 670	Contemporary Topics in Informatics	