

**Tarleton State University 2010-11**  
**Department of Computer Information Systems**  
**Master of Science in Information Systems**

**18 hours of Core Requirements and Required Courses**

<b>Core Requirements</b>	<b>Hours</b>	<b>Course</b>	<b>Date Completed</b>	<b>Grade</b>
CIS 504 - Telecommunications for Managers	3 hours			
CIS 507 - Systems Analysis for Managers	3 hours			
CIS 511 - Managing Information Systems	3 hours			
CIS 516 - Applied Database Management	3 hours			
CIS 518 – Quantitative Concepts in Computing (can sub CIS 551 - IT Project Management )	3 hours			
CIS 598 - Research Methods (can sub CIS 520 –Topic: Business Intelligence Research or G B 598 - Business Research Methods)	3 hours			

Various online courses will be offered from the following:

**12 Hours Selected from the Following Courses**

<b>CIS Electives</b>	<b>Hours</b>	<b>Course</b>	<b>Date Completed</b>	<b>Grade</b>
CIS 501 - Computer Based Information Systems	3 hours			
CIS 502 - Procedural Language Programming & Design	3 hours			
CIS 503 - Foundations of Computer Programming	3 hours			
CIS 510 - Technology Planning for Educators	3 hours			
CIS 512 - Technical Support Management and Operations <i>(Killeen)</i>	3 hours			
CIS 515 - Principles of Database Design and Development	3 hours			
CIS 517 - Special Topics (Variable Credit 1-3)	hours			
CIS 518 - Quantitative Concepts in Computing	3 hours			
CIS 519 - Decision Support Methods	3 hours			
CIS 520 - Seminar on Computer Based Systems (various seminar topics)	3 hours			
CIS 525 - Unified Modeling Language (UML) <i>Only offered at Killeen</i>	3 hours			
CIS 527 - Object Role Modeling (ORM) <i>Only offered at Killeen</i>	3 hours			
CIS 545 - Extensible Markup Language (XML) <i>Only offered at Killeen</i>	3 hours			
CIS 549 - Topics in Programming (Java; C# & Web Dev)	3 hours			
CIS 552 – Decision Analysis Tools (Advanced Excel)	3 hours			
CIS 560 - Multimedia Application Development	3 hours			
CIS 561 - Multimedia: Desktop Publishing	3 hours			
CIS 562 - Multimedia: Audio and Video	3 hours			
CIS 563 - Multimedia: Graphics and Animation	3 hours			
CIS 564 - Multimedia: Authoring	3 hours			
CIS 565 - Multimedia: Web Development	3 hours			
CIS 566 - Computer-Based Training	3 hours			
CIS 569 - Multimedia Project Development	3 hours			
CIS 576 - Network Administration & Design (LANs)	3 hours			
CIS 578 - Network Design & Administration (WANs)	3 hours			
CIS 579 - The Technology of E-Business	3 hours			
CIS 580 - E-Business Application Development <i>Only offered at Killeen</i>	3 hours			
CIS 586 - Problems (Variable Credit 1-3)	hours			
CIS 588 - Thesis	3 hours			
CIS 590 - Selected Topics in CIS	3 hours			
CIS 595 - Research Project with Laboratory	3 hours			
CIS 598 – Research Methods in Information Systems	3 hours			
CIS 599 – Internship	3 hours			

<b>6 Hours Electives</b>	<b>Hours</b>	<b>Course</b>	<b>Date Completed</b>	<b>Grade</b>

**NOTE: THIS IS A TENTATIVE GUIDE TO BE USED FOR ADVISEMENT OF STUDENTS. IT IS NOT CONSIDERED AN OFFICIAL DEGREE PLAN BY TARLETON STATE UNIVERSITY AND IT IS SUBJECT TO REVIEW AND CHANGE BY THE TEXAS HIGHER EDUCATION COORDINATING BOARD.**

**Requirements for Admission to MS-IS Program:**

1. Bachelor's Degree from an Accredited University.
2. Acceptable GRE score.

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Name of Student

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Advisor's Signature

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Date