

**West Texas A&M University**  
**STARR Center**  
**Degree Checklist**  
**2008-2009**

NAME: \_\_\_\_\_ WT ID: \_\_\_\_\_ DATE: \_\_\_\_\_

**Computer Information Systems**  
**Department of Information and Decision Management**  
**FAB 223 651-2444**

<b>CORE CURRICULUM COURSES: 33 HOURS ♦</b>		<b>HRS</b>	
Number of hours does not include specific core requirements listed below.			
<b>Communication (10)</b>			
ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270)	6		
<b>Communication (11)</b>			
See University Core Requirements below	(3)		
<b>Mathematics (20)</b>			
See University Core Requirements below	(3)		
<b>Natural Sciences (30)</b>			
<b>Take two courses from:</b>			
PSES 1301 (216), 1307 (112); ANSC 1319 (121); BIOL 1406 (101) or 1408 (NEW), 1407* (102) or 1409* (NEW), 1411 (122), 1413 (121); CHEM 1405 (121), 1411* (101), 1412* (102); GEOL 1401 (GESC 111) or 1403 (GEOL 101), 1402 (GESC 112), 1404 (GEOL 102); PHYS 1401* (101), 1402* (102), 1411, 1412, 2425* (210), 2426* (211)	6-8		
<b>Humanities (40-41)</b>			
ENGL 2321* (NEW), 2326* (NEW), 2331* (NEW), 2341* (NEW), 2343* (NEW); HIST 2311 (110), 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); or SPAN 2312*/*/*/* (207) <b>Choose 1</b>	3		
<b>Visual and Performing Arts (50)</b>			
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303 (NEW); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) <b>Choose 1</b>	3		
<b>Social and Behavioral Sciences (60)</b>			
HIST 1301 (201), 1302 (202), 2301 <b>Choose 2</b>	6		
<b>Social and Behavioral Sciences (70)</b>			
POSC 2305 (101) or POSC 2370 (NEW); 2306 (102)	6		
<b>Social and Behavioral Sciences (80)</b>			
See University Core Requirements below	(3)		
<b>Institutionally Designated Option (90)</b>			
PHED 1111 (SES 101); PHED/ANSC activity course; DANC 1241 (1070), 2241* (2370); MUEN 1026 Upon written recommendation of the University physician or the coordinator for Student Disability Services, students may substitute a one hour elective course in lieu of physical education course.	1-2		
<b>CIS REQUIREMENTS: 84 HOURS</b>			
<b>UNIVERSITY CORE REQUIREMENTS: 9 HOURS</b>			
<b>CORE 11</b> SCOM 1315 (101) or 1321 (201)	3		
<b>CORE 20</b> MATH 1324* (115) Math for Business and Economics	3		
<b>CORE 80</b> ECON 2301 (ECO 201) Principles of Macroeconomics	3		
<b>BBA CORE REQUIREMENTS: 39 HOURS</b>			
ACCT 2301 (ACC 231) Principles of Accounting I	3		
ACCT 2302* (ACC 232) Principles of Accounting II	3		
IDM 2310**** (CIS 2310) Communications & Collaboration	3		
BUSI 3312* (GBUS 312) Business Law	3		
IDM 2342* (QBA 250, QBA 2342) Statistics for Business and Economics	3		

**Bachelor of Business Administration Degree**  
**BBA.CIS (308)**

ECON 2302 (ECO 202) Principles of Microeconomics	3			
ADVANCED ECONOMICS ELECTIVE	3			
FIN 3320* (320) (FINANCE) Business Finance	3			
MATH 1325* (116) Math for Business & Economics II	3			
MGT 3330 (MGT 330) Principles of Management	3			
MGT 4315* (415) Strategic Management and Policy	3			
MKT 3340 (MKT 340) Principles of Marketing	3			
IDM 3330 (CIS 3330) Management Information Systems	3			
<b>CIS MAJOR REQUIREMENTS: 21 HOURS</b>				
IDM 1315 (204, CIS 1315) Programming Fundamentals	3			
IDM 2315* (CIS 2315) Programming Business Applications	3			
IDM 2390* (CIS 260, 2390) Systems Analysis and Design	3			
IDM 3312* (CIS 3312) Advanced Business Programming	3			
IDM 3350* (CIS 450, 3350) Database Systems Design	3			
IDM 4360* (CIS 360, 4360) Object-Oriented Analysis & Design	3			
IDM 4390* (CIS 4390) Software Systems Development	3			
<b>CIS ADVANCED ELECTIVES (15 HOURS)</b>				
<b>Choose 15 hours from:</b>				
IDM 3372 (CIS 3372) Web Application Development	15			
IDM 3382* (CIS 382, 3382) Enterprise Web-Based Applications Development				
IDM 3385* (CIS 385, 3385) Networking and Data Communications				
IDM 3390* (CIS 3390) Project Management				
IDM 4310* (CIS 410, 4310) Decision Support/Artificial Intelligence Systems				
IDM 4331* (QBA 4331) Production and Operations Mgt.				
IDM 4350* (CIS 4350) Data Warehousing and Data Mining				
IDM 4372 (CIS 314, 4372) Information Visualization and User Interface Design				
IDM 4382* (CIS 482, 4382) Software Development in a Database Environment				
IDM 4392* (CIS 498, 4392) Applied Problems in Computer and Information Systems				
IDM 4398* (CIS 497, 4098) Internship in CIS				
<b>ELECTIVES: 3 HOURS BY ADVISEMENT</b>				
ELECTIVE		3		
<b>TOTAL HOURS REQUIRED TO COMPLETE DEGREE</b>		<b>120</b>		

♦ Core curriculum courses should be taken during the first two years of enrollment. For a list of core courses with descriptions see [www.wtamu.edu/starr/](http://www.wtamu.edu/starr/).

\* Indicates prerequisites—see [catalog](#) for more information.

\*\*Recommended.

\*\*\* Or an equivalent course (second year, second semester) in French or German.

\*\*\*\* College of Business writing component.

**Note: This is NOT a degree plan. Upon completion of 60 hours, apply for a degree plan in the office of the dean of the College of Business located in the old Fine Arts Building, Room 229, or call 651-2530.**