

West Texas A&M University
STARR Center
Degree Checklist
2009-2010

NAME: _____ WT ID: _____ DATE: _____

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

| CORE CURRICULUM COURSES: 33-35 HOURS ♦ | | HRS |
|--|-----|-----|
| Number of hours does not include specific core requirements listed below. | | |
| Communication (10) | | |
| ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270) | 6 | |
| Communication (11) | | |
| See University Core Requirements below | (3) | |
| Mathematics (20) | | |
| See University Core Requirements below | (3) | |
| Natural Sciences (30) | | |
| Take two courses from: | | |
| PSES 1301 (216), 1307 (112); ANSC 1319 (121); BIOL 1406 (101) or 1408, 1407* (102) or 1409*, 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 | |
| Humanities (40-41) | | |
| ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); SPAN 2312* (207) or SPAN 2315* (207) Choose 1 | 3 | |
| Visual and Performing Arts (50) | | |
| HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) Choose 1 | 3 | |
| Social and Behavioral Sciences (60) | | |
| HIST 1301 (201), 1302 (202), 2301 Choose 2 | 6 | |
| Social and Behavioral Sciences (70) | | |
| POSC 2305 (101) or POSC 2370; 2306 (102) | 6 | |
| Social and Behavioral Sciences (80) | | |
| See University Core Requirements below | (3) | |
| Institutionally Designated Option (90) | | |
| ANSC 2370 (NEW); IDM 1105, 1301 (CIS 1301), 1315 (CIS 1315), 2345; IDS 1071; PHIL 2303 (203) Choose 1 | 1-3 | |
| COMPUTER INFORMATION SYSTEMS MAJOR REQUIREMENTS: 78 HOURS | | |
| A grade of "C" or better must be earned in all courses required for major. | | |
| UNIVERSITY CORE REQUIREMENTS: 9 HOURS | | |
| CORE 11 | | |
| SCOM 1315 (101) or 1321 (201) | 3 | |
| CORE 20 | | |
| MATH 1324* (115) Math for Business and Economics | 3 | |
| CORE 80 | | |
| ECON 2301 (ECO 201) Principles of Macroeconomics | 3 | |
| BBA CORE REQUIREMENTS: 39 HOURS | | |
| 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 | |
| ECON 2302 (ECO 202) Principles of Microeconomics | 3 | |
| ADVANCED ECONOMICS ELECTIVE | 3 | |
| FIN 3320* (320) Business Finance | 3 | |

Bachelor of Business Administration Degree
BBA.CIS (308)

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|--|------|--|
| 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 | |
| CIS REQUIREMENTS: 30 HOURS | | |
| 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 | |
| Take 9 hours from: | | |
| IDM 3372 (CIS 3372) Web Application Development | 9 | |
| 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 | | |
| ELECTIVES: 7-10 HOURS BY ADVISEMENT | | |
| ELECTIVES | 7-10 | |
| TOTAL HOURS REQUIRED TO COMPLETE DEGREE | 120 | |

♦ 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/.

* 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: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. A maximum of six semester hours in religion and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official degree plan in the office of the dean of the College of Business, located in the Classroom Center, Room 216 (or call 651-2526). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.