

**West Texas A&M University
Advising Services
Degree Checklist
2023-2024**

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME: _____ **WT ID:** _____ **DATE:** _____

**Computer Information Systems
Decision Management Specialization
Dept. of Computer Information & Decision Management
CC 220 651-2525**

CORE CURRICULUM COURSES: 42 HOURS		HRS
Communication (Core 10)		
See University Core Requirements below	(6)	
Mathematics (Core 20)		
See University Core Requirements below	(3)	
Life and Physical Sciences (Core 30)		
Take two courses from: ANSC 1319; BIOL 1406 or 1308, 1407* or 1309*, 1411, 1413; CHEM 1305* or 1411*, 1412*; ENVR 1407*; GEOL 1301 or 1403, 1302, 1404; PHYS 1401*, 1402*, 1311, 1312, 1371, 2425*, 2426*; PSES 1301, 1307 -BIOL 1406, 1407, 1411, 1413; CHEM 1411, 1412; GEOL 1403, 1404; PHYS 1401, 1402, 2425, 2426: 4 th hr. moves to Core 90		
	6	
Language, Philosophy and Culture (Core 40)		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312**/*, 2313*, 2315*, or 2371	Choose 1	3
Creative Arts (Core 50)		
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), 1310; or THRE 1310	Choose 1	3
American History (Core 60)		
HIST 1301, 1302, 2301, 2381, 2382	Choose 2	6
Government/Political Science (Core 70)		
POSC 2305 and 2306		6
Social and Behavioral Sciences (Core 80)		
See University Core Requirements below	(3)	
Component Area Option (Core 90)		
Take three hours from: ♦ AGRI 2300; BIOL 4 th hour from 4-hour courses (from Core 30); BUSI 1301, 1304; CHEM 4 th hour from 4-hour courses (from Core 30); CIDM 1105, CIDM 1301 or 1315; CS 1301; ECON 2331; ENGL 1101, 1102, 1302*, 1312*, 2311*; ENVR 4 th hour (from Core 30); GEOL 4 th hour from 4-hour courses (from Core 30); IDS 1071 (1-3 hours); MATH 4 th hour from 4-hour courses (from Core 20); MUSI 1053; PHIL 2303; PHYS 4 th hour from 4-hour courses (from Core 30); SES 1120		
	3	
COMPUTER INFORMATION SYSTEMS—DECISION MANAGEMENT SPECIALIZATION REQUIREMENTS: 84-85 HOURS A grade of "C" or better must be earned in all courses required for major.		
UNIVERSITY CORE REQUIREMENTS: 18 HOURS		
CORE 10 ENGL 1301 Intro. to Academic Writing & Argumentation OR ENGL 1311 Writing About Ideas		
	3	
CORE 10 COMM 1315, 1318, or 1321		
	3	
CORE 20 MATH 1324* Math for Business and Economics I (preferred) or MATH 1314* College Algebra		
	3	
CORE 80 ECON 2301 Principles of Macroeconomics		
	3	
CORE 90♦♦ BUSI 1304, CIDM 1301, ECON 2331 or University Core 90 Equivalent		
	3	
BBA CORE REQUIREMENTS: 39-40 HOURS		
ACCT 2301 Principles of Financial Accounting	3	
ACCT 2302* Principles of Managerial Accounting	3	
MATH 1325* Math for Business and Economics II OR MATH 2413* Calculus I	3-4	
CIDM 2342* Statistics for Business and Economics	3	
CIDM 3330* Management Information Systems	3	
ECON 2302 Principles of Microeconomics	3	
ADVANCED ECONOMICS ELECTIVE*	3	

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

FIN 3320* Business Finance	3	
BUSI 3312* Business Law	3	
MGT 3330 Principles of Management	3	
MKT 3340 Principles of Marketing	3	
College of Business communication component Take one course from: ACCT 4373* Accounting Communications BUSI 1304 Business Communication BUSI 4333 Cross-Cultural Issues in Business Comm. BUSI 4350 Current Issues in Mgt. Communication BUSI 4375 Healthcare Comm. for the Bus. Environment BUSI/MGT 4380 Conflict Resolution and Negotiation BUSI 4382 Emerging Media Law BUSI/CIDM 3320*** Digital Communications & Collaboration ECON 4370* Economics of Healthcare FIN 3350* Personal Financial Planning FIN 4320* Investments FIN 4321* Portfolio Management MGT 3335* Organizational Behavior MKT 3342 Consumer Behavior		
	3	
MGT 4315* Strategic Management and Policy	3	
DECISION MANAGEMENT SPECIALIZATION: 33 HOURS		
CIDM 1315 Programming Fundamentals	3	
CIDM 2315 Programming Business Applications OR CS 1337 Programming Principles I	3	
CIDM 3312* Advanced Business Programming	3	
CIDM 3350* Database Systems Design or CS 3350* Database Systems Use, Design & Implementation	3	
CIDM 3385 Network Security and Data Communications or CS 3372 Net-Centric Computing	3	
CIDM 4360* Object-Oriented Analysis and Design OR CS 3340* Software Engineering	3	
CIDM 4390* Software Systems Development	3	
Take 9 semester hours from: CIDM 3310 Spreadsheet Applications in Business CIDM 3342* Business Statistics CIDM 3372* Front-End Web Application Development CIDM 3380 Information Security CIDM 3390* Project Management CIDM 4308* Introduction to Data Analytics CIDM 4310* Business Intelligence & Decision Support Sys. CIDM 4331* Production and Operations Management CIDM 4343* Supply Chain Management CIDM 4352* Business Forecasting CIDM 4358* Operations Research Methods CIDM 4364* Introduction to Econometrics CIDM 4370 Health Informatics and E-Medicine CIDM 4388* Enterprise Resource Planning CIDM 4398* Supervised Internship CIDM 4099* CIS Practicum		
	9	
ADVANCED CIDM ELECTIVE	3	
ELECTIVES: 5-6 HOURS BY ADVISEMENT ♦		
ELECTIVES	5-6	
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ Note: only six hours are required for Core 90; extra hours from 4-hour Core 30 courses (if taken) will count either towards Core 90 or as elective hours.
* Indicates prerequisites—see catalog for more information.
** Or an equivalent course (second year, second semester) in a foreign language.

NOTE: This is NOT a degree plan. All undergraduate students must request an official degree plan from their academic dean's office by the time they have completed 30 credit hours.

WTAMU ADVISING SERVICES – 2023-2024 Curriculum Guide

Major: Comp. Info. Sys. – Decision Mgt. Spec., B.B.A.

Major Code: 308

Year 1: Fall	
CORE 10 (Communication) – ENGL 1301 or 1311	3
CORE 20 (Mathematics) – MATH 1324 or 1314	3
CORE 80 (Social & Behav. Sci.) - ECON 2301 Principles of Macroeconomics	3
CORE 10 (Communication) – COMM 1315, 1318 or 1321	3
CIDM 1315 Programming Fundamentals	3
Total:	15

Year 2: Fall	
ACCT 2301 Principles of Financial Accounting	3
CIDM 2342 Statistics for Business and Economics	3
CORE 90 (Component Area Option) – Business Course ¹	3
CORE 60 (American History) – See checklist for options	3
CORE 70 (Govt./Political Sci.) – POSC 2305 or 2306	3
Total:	15

Year 3: Fall	
CIDM 3350 Database Systems Design or CS 3350 Database Systems Use, Design & Implementation	3
CS 3385 Network Security & Data Communications or CS 3372 Net-Centric Computing	3
Advanced ECON Elective (3000- or 4000-level ECON course)	3
CORE 60 (American History) – See checklist for options	3
CORE 30 (Lab Science) – See checklist for options	3
Total:	15

Year 4: Fall	
CIDM 3312 Advanced Business Programming	3
CIDM 4360 Object-Oriented Analysis & Design or CS 3340 Software Engineering	3
CIDM Elective – See checklist for options	3
COB Communication Component – See checklist for options	3
CORE 50 (Creative Arts) – See checklist for options	3
Total:	15

Year 1: Spring	
CORE 90 (Component Area Option) – See checklist for options	3
MATH 1325 or 2413	3-4
ECON 2302 Principles of Microeconomics	3
CIDM 2315 or 1337	3
CORE 70 (Govt./Political Sci.) – POSC 2305 or 2306	3
Total:	15-16

Year 2: Spring	
ACCT 2302 Principles of Managerial Accounting	3
MGT 3330 Principles of Management	3
MKT 3340 Principles of Marketing	3
CIDM 3330 Management Information Systems	3
FIN 3320 Business Finance	3
Total:	15

Year 3: Spring	
CIS Elective – See checklist for options	3
CIS Elective – See checklist for options	3
BUSI 3312 Business Law	3
CORE 40 (Lang., Phil. & Culture) – See checklist for options	3
CORE 30 (Lab Science) – See checklist for options	3
Total:	15

Year 4: Spring	
MGT 4315 Strategic Management and Policy (must be senior and have completed FIN 3320, MGT 3330, and MKT 3340)	3
CIDM 4390 Software Systems Development	3
Advanced CIDM Elective (3000- or 4000-level CIDM course)	3
Elective	3
Elective	3
Total:	15

¹ **CORE:** BUSI 1301, 1304; CIDM 1301; ECON 2331, or University Core 90 equivalent.

<p>Identified Marketable Skills</p> <p>Technical and organizational knowledge</p> <p>Strong Interpersonal skills that include: communication, listening, and leadership</p> <p>Problem Identification and solving skills</p>	<p>Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities</p> <p>Information Technology Opportunities</p> <p>Banking and Financial Industries</p> <p>Federal, State, or Local Government Institutions</p> <p>Healthcare Industry</p>
---	--

Additional notes:

- The core curriculum must total exactly 42 hours; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.

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

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 30 hours. Students should always seek the advice of their academic adviser before scheduling classes.