

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

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

CORE CURRICULUM COURSES: 42 HOURS		HRS
Communication (Code 10)		
See University Core Requirements below	(6)	
Mathematics (Code 20)		
See University Core Requirements below	(3)	
Life and Physical Sciences (Code 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 (Code 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 (Code 50)		
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), 1310; or THRE 1310 Choose 1	3	
American History (Code 60)		
HIST 1301, 1302, 2301, 2381, 2382 Choose 2	6	
Government/Political Science (Code 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Code 80)		
See University Core Requirements below	(3)	
Component Area Option (Code 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 (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 REQUIREMENTS: 87-88 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	
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 and 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		
MGT 4315* Strategic Management and Policy	3	
CIS MAJOR REQUIREMENTS: 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 nine hours from: CIDM 3372* Front-End Web Application Development CIDM 3390* Project Management CIDM 4308* Introduction to Data Analytics CIDM 4310* Business Intelligence & Decision Support Sys. CIDM 4350* Data Mining Methods CIDM 4372* Information Visualization CIDM 4382* Back-End Web Application Development CIDM 4385* Mobile Application Development CIDM 4388* Enterprise Resource Planning CIDM 4398* Supervised Internship		
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: Computer Information Systems, B.B.A.

Major Code: 308

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE 90 (Component Area Option) – See checklist for options	3
CORE 20 (Mathematics) – MATH 1324 or 1314	3	MATH 1325 or 2413	3
CORE 80 (Social & Behav. Sci.) - ECON 2301 Principles of Macroeconomics	3	ECON 2302 Principles of Microeconomics	3
CORE 10 (Communication) – COMM 1315, 1318 or 1321	3	CIDM 2315 or CS 1337	3
CIDM 1315 Programming Fundamentals	3	CORE 70 (Govt./Political Sci.) – POSC 2305 or 2306	3
Total:	15	Total:	15
Year 2: Fall		Year 2: Spring	
ACCT 2301 Principles of Financial Accounting	3	ACCT 2302 Principles of Managerial Accounting	3
CIDM 2342 Statistics for Business and Economics	3	MGT 3330 Principles of Management	3
CORE 90 (Component Area Option) – Business Course ¹	3	MKT 3340 Principles of Marketing	3
CORE 60 (American History) – See checklist for options	3	CIDM 3330 Management Information Systems	3
CORE 70 (Govt./Political Sci.) – POSC 2305 or 2306	3	FIN 3320 Business Finance	3
Total:	15	Total:	15
Year 3: Fall		Year 3: Spring	
CIDM 3350 Database Systems Design or CS 3350 Database Systems Use, Design & Implementation	3	CIS Elective – See checklist for options	3
CIDM 3385 Network Security & Data Communications or CS 3372 Net-Centric Computing	3	CIS Elective – See checklist for options	3
Advanced ECON Elective (3000- or 4000-level ECON course)	3	BUSI 3312 Business Law	3
CORE 60 (American History) – See checklist for options	3	CORE 40 (Lang., Phil. & Culture) – See checklist for options	3
CORE 30 (Lab Science) – See checklist for options	3	CORE 30 (Lab Science) – See checklist for options	3
Total:	15	Total:	15
Year 4: Fall		Year 4: Spring	
CIDM 3312 Advanced Business Programming	3	MGT 4315 Strategic Management and Policy (must be a senior and have completed FIN 3320, MGT 3330, and MKT 3340)	3
CIDM 4360 Object-Oriented Analysis and Design or CS 3340 Software Engineering	3	CIDM 4390 Software Systems Development	3
CIDM Elective – See checklist for options	3	Advanced CIDM Elective (3000- or 4000-level CIDM course)	3
COB Communication Component – See checklist for options	3	Elective	3
CORE 50 (Creative Arts) – See checklist for options	3	Elective	3
Total:	15	Total:	15

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

<p style="text-align: center;">Identified Marketable Skills</p> <p style="text-align: center;">Technical and organizational knowledge</p> <p style="text-align: center;">Strong interpersonal skills that include: communication, listening, and leadership</p> <p style="text-align: center;">Problem identification and solving skills</p>	<p style="text-align: center;">Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities</p> <p style="text-align: center;">Information Technology Opportunities</p> <p style="text-align: center;">Banking and Financial Industries</p> <p style="text-align: center;">Federal, State, or Local Government Institutions</p> <p style="text-align: center;">Healthcare Industry</p>
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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.