

West Texas A&M University

Advising Services

Degree Checklist

2025-2026

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

Name: _____ WT ID: _____ Date: _____

Computer Information Systems B.B.A.	
Department of Computer Information & Decision Management (CC-220) (651-2525)	
Degree: Bachelor of Business Administration (B.B.A.) See the "Requirements for Baccalaureate Degrees" section of the Catalog.	
Major: Computer Information Systems Major Code: 308	
Students have a choice of the following tracks:	
<ul style="list-style-type: none"> • Computer Information Systems (Code 308) • CIS with a Decision Management Specialization (Code 308) 	<p style="text-align: center;">BBA.CIS</p> <p style="text-align: center;">BBA.CIS.DM</p>
<p>The B.B.A. degree in computer information systems has two distinct tracks: traditional computer information systems (CIS) and decision management. The focus of the computer information systems concentration is on integrating information technology solutions and business processes to meet the information needs of businesses and other enterprises, enabling them to achieve their objectives in an effective and efficient way. The computer information systems concentration provides students a solid theoretical background in requirements analysis, business software development, design, database design, data mining, visualization, networking and web-based applications development.</p> <p>The decision management specialization focuses on the essential concepts, paradigms and tools to successfully manage work processes and people in a wide spectrum of business enterprises. It prepares students for managing critical operations issues such as resource planning, quality management and assurance, productivity, business process flow improvement, data analysis, data mining, project management, systems integration, inventory planning, supply chain management, system thinking and decision support systems.</p>	
University Core Curriculum Requirements (42 hours)	Semester Credit Hours
Core 10 - Communication (3 hours from ENGL options)	
<ul style="list-style-type: none"> • See Major-Specific University Core Requirements below 	
Core 10 - Communication (3 hours from COMM options)	
<ul style="list-style-type: none"> • See Major-Specific University Core Requirements below 	
Core 20 - Mathematics (3 hours)	
<ul style="list-style-type: none"> • See Major-Specific University Core Requirements below 	
Core 30 - Life and Physical Sciences (6 hours)	
<ul style="list-style-type: none"> • ANSC 1319; BIOL 1308 or BIOL 1406; BIOL 1309 or BIOL 1407; BIOL 1411; BIOL 1413; CHEM 1305 or CHEM 1411; CHEM 1412; ENVR 1407; GEOL 1301 or GEOL 1403; GEOL 1302; GEOL 1404; PHYS 1311; PHYS 1312; PHYS 1371; PHYS 1401; PHYS 1402; PHYS 2425; PHYS 2426; PSES 1301 or PSES 1307 <p>(Cannot receive University Core credit for both BIOL 1308 and BIOL 1406; or for both BIOL 1309 and BIOL 1407; or for both CHEM 1305 and CHEM 1411; or for both GEOL 1301 and GEOL 1403. CHEM 1305 does not count as a prerequisite for CHEM 1412.) (4th hour from 4-hour courses move to Core 90.)</p>	3
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Core 40 - Language, Philosophy and Culture (3 hours) <ul style="list-style-type: none"> • ANTH 2351; ENGL 2321; ENGL 2326; ENGL 2331; ENGL 2341; ENGL 2343; HIST 2311; HIST 2323; HIST 2372; MCOM 1307; PHIL 1301; PHIL 2374; SPAN 2311; SPAN 2312 [or an equivalent course (second year or intermediate level) in a foreign language]; SPAN 2313; SPAN 2315; or SPAN 2371 	3	
Core 50 - Creative Arts (3 hours) <ul style="list-style-type: none"> • ARTS 1301; ARTS 1303; ARTS 1304; DANC 2303; MUSI 1306; MUSI 1307; MUSI 1310; or THRE 1310 	3	
Core 60 - American History (6 hours) <ul style="list-style-type: none"> • HIST 1301; HIST 1302; HIST 2301; HIST 2381; or HIST 2382 	3	3
Core 70 - Government / Political Science (6 hours) <ul style="list-style-type: none"> • POSC 2305 and POSC 2306 	3	3
Core 80 - Social and Behavioral Sciences (3 hours) <ul style="list-style-type: none"> • See Major-Specific University Core Requirements below 		
Core 90 - Component Area Option (6 hours or fewer; may depend on major requirements) <ul style="list-style-type: none"> • AGRI 2300; BUSI 1301; BUSI 1304; CIDM 1105; CIDM 1301 or CIDM 1315; CS 1301; ECON 2331; EDUC 1300; ENGL 1101; ENGL 1102; ENGL 1302; ENGL 1312; ENGL 2311; HSCI 2300; IDS 1071 (1-3 hours); MUSI 1053 (1-2 hours); PHIL 2303; or SES 1120 <p>(Cannot receive credit for both CIDM 1301 and CIDM 1315 for Core 90.) (ENGL 1101 and ENGL 1102 cannot count for English B.A. requirement.) (4th hours from 4-hour courses in Cores 20 and 30 may be used in this section.)</p>	3	
Computer Information Systems Major Requirements (87-88 hours) ***** C or better required in all courses in the Major Requirements *****		
Major-Specific University Core Requirements (15 hours) The following courses are required for their specific Core areas <u>instead of</u> the courses listed above in the general University Core Curriculum.		
Core 10 - Communication (3 hours from ENGL options) <ul style="list-style-type: none"> • ENGL 1301 - Introduction to Academic Writing and Argumentation or ENGL 1311 - Writing About Ideas 	3	
Core 10 - Communication (3 hours from COMM options) <ul style="list-style-type: none"> • COMM 1315 - Basic Speech Communication or COMM 1318 - Interpersonal Communication or COMM 1321 - Business and Professional Communication 	3	
Core 20 - Mathematics (3 hours) <ul style="list-style-type: none"> • MATH 1324 - Mathematics for Business and Economics I 	3	
Core 80 - Social and Behavioral Sciences (3 hours) <ul style="list-style-type: none"> • ECON 2301 - Principles of Macroeconomics 	3	
Core 90 - Component Area Option (3 of 6 hours) <ul style="list-style-type: none"> • BUSI 1301 – Business Principles (Preferred) • BUSI 1304 – Business Communication • CIDM 1301 – Introduction to Information Science or CIDM 1315 – Programming Fundamentals • ECON 2331 – Economics and Society or Other University Core 90 equivalent <p>Refer to the University Core Curriculum Requirements for all options. Students are encouraged to take one of the above courses.</p>	3	

B.B.A. Degree Requirements (39-40 hours)	
A grade of "C" or better is required in all B.B.A. degree core courses.	
ACCT 2301 - Principles of Financial Accounting	3
ACCT 2302 - Principles of Managerial Accounting	3
BUSI 3312 - Business Law	3
CIDM 2342 - Statistics for Business and Economics	3
CIDM 3330 - Management Information Systems	3
ECON 2301 - Principles of Macroeconomics (satisfies Core 80)	(taken in Core 80)
ECON 2302 - Principles of Microeconomics	3
Advanced Economics Elective	3
FIN 3320 - Business Finance	3
MATH 1325 - Mathematics for Business and Economics II or MATH 2413 - Calculus I or equivalent	3-4
MGT 3330 - Principles of Management	3
MGT 4315 - Strategic Management and Policy	3
MKT 3340 - Principles of Marketing	3
COB Communication Component - One course from: ACCT 4373 - Accounting Communications BUSI 1304 - Business Communication BUSI 3301 - Business Professional and Leadership Development BUSI 3320 - Digital Communications and Collaboration BUSI 4333 - Cross-Cultural Issues in Business Communication BUSI 4350 - Current Issues in Management Communication BUSI 4375 - Healthcare Communication for the Business Environment BUSI 4380 - Conflict Resolution and Negotiation BUSI 4382 - Emerging Media Law CIDM 3320 - Digital Communications and Collaboration ECON 4370 - Economics of Health Care FIN 3350 - Personal Financial Planning FIN 4320 - Investments FIN 4321 - Portfolio Management MGT 3335 - Organizational Behavior MGT 4380 - Conflict Resolution and Negotiation MKT 3342 - Consumer Behavior	3
Computer Information Systems Major Requirements (33 hours)	
Choose one section below:	
<ul style="list-style-type: none"> • Computer Information Systems • Computer Information Systems with a Specialization in Decision Management 	
Computer Information Systems 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 and 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
9 hours from: CIDM 3345 - Video Game Design II CIDM 3372 - Front-End Web Application Development CIDM 3380 - Information Security CIDM 3382 - Enterprise Web-Based Applications Development CIDM 3390 - Project Management CIDM 4308 - Introduction to Data Analytics CIDM 4310 - Business Intelligence and Decision Support Systems 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 CIDM 4392 - Applied Problems in Computer and Information Systems CIDM 4096 - Supervised Reading in Information Systems CIDM 4099 - CIS Practicum	9
Three hours of advanced CIDM electives (excluding CIDM 3342)	3
Computer Information Systems with a Specialization in Decision Management 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 and 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
9 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 and Decision Support Systems Continued...	9

Continued...	
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	
Three hours of advanced CIDM electives (excluding CIDM 3342)	3
Electives (est. 5-6 hours)	
***** C or better required in all courses in the Major Subject *****	
Electives	5-6
Total hours required to complete degree: 120 hours	
Depending on transfer credits and other substitutions/waivers, student may need to take additional electives as needed to total a minimum of 120 hours or the minimum total hours required for this degree, of which at least 36 must be advanced (3000/4000 level) and earned at WTAMU.	
Prerequisites	
Some courses may require prerequisites. See the University Catalog for more information.	
** MATH 1332, 1342 and 1350	
While MATH 1332, 1342 and 1350 will fulfill core math requirements, they will NOT prepare students for higher-level math courses such as Plane Trigonometry (MATH 1316) or Pre-Calculus (MATH 2412).	
Advising Notes	
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. In addition, this document is used as an advising resource. For official information, please refer to the University Catalog.	