

## West Texas A&M University Advising Services Degree Checklist 2019-2020

**CC** This symbol indicates courses that apply towards degree programs at WT. All core classes are offered at CC. Please refer to the list regarding major specific courses. Course prefixes and numbers may vary at each institution. Please contact an adviser to ensure the course will apply towards chosen core area.

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

### Computer Information Systems (see note below) Dept. of Computer Information & Decision Management CC 220 651-2525

CORE CURRICULUM COURSES: 42 HOURS	HRS	CC
<b>Communication (Code 10)</b>		
See University Core Requirements below	(6)	
<b>Mathematics (Code 20)</b>		
See University Core Requirements below	(3)	
<b>Life and Physical Sciences (Code 30)</b>		
<b>Take two courses from (extra lab hours move to Code 90): </b>		
ANSC 1319; BIOL 1406 or 1408, 1407* or 1409*, 1411, 1413; CHEM 1405* or 1411*, 1412*; ENVR 1407*; GEOL 1401 or 1403, 1402, 1404; PHYS 1401*, 1402*, 1411, 1412, 2425*, 2426*; PSES 1301, 1307	6	
<b>Language, Philosophy and Culture (Code 40)</b>		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312**/**, 2313*, 2315*, or 2371 <b>Choose 1</b>	3	
<b>Creative Arts (Code 50)</b>		
ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310 <b>Choose 1</b>	3	
<b>American History (Code 60)</b>		
HIST 1301, 1302, 2301, 2381 <b>Choose 2</b>	6	
<b>Government/Political Science (Code 70)</b>		
POSC 2305 and 2306	6	
<b>Social and Behavioral Sciences (Code 80)</b>		
See University Core Requirements below	(3)	
<b>Component Area Option (Code 90)</b>		
See University Core Requirements below	(6)	
<b>COMPUTER INFORMATION SYSTEMS REQUIREMENTS: 87-88 HOURS</b>		
A grade of "C" or better must be earned in all courses required for major.		
<b>UNIVERSITY CORE REQUIREMENTS: 18 HOURS </b>		
<b>CORE 10</b> ENGL 1301 Introduction to Academic Writing & Argumentation	3	CC PB
<b>CORE 10</b> COMM 1315, 1318, or 1321	3	CC PB
<b>CORE 20</b> MATH 1324* Math for Business and Economics I	3	CC PB
<b>CORE 80</b> ECON 2301 Principles of Macroeconomics	3	CC PB
<b>CORE 90**</b> ENGL 1302* Academic Writing and Research OR ENGL 2311* Introduction to Professional and Technical Communication	3	CC
<b>CORE 90**</b> CIDM 1315 Programming Fundamentals	3	PB
<b>BBA CORE REQUIREMENTS: 39-40 HOURS</b>		
ACCT 2301 Principles of Financial Accounting	3	CC
ACCT 2302* Principles of Managerial Accounting	3	CC
MATH 1325* Math for Business and Economics II OR MATH 2413* Calculus I	3-4	CC
CIDM 2342* Statistics for Bus. & Econ.	3	CC
CIDM 3330* Management Information Systems	3	
ECON 2302 Principles of Microeconomics	3	CC PB
ADVANCED ECONOMICS ELECTIVE*	3	
FIN 3320* Business Finance	3	
BUSI 3312* Business Law	3	CC
MGT 3330 Principles of Management	3	
MKT 3340 Principles of Marketing	3	

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

College of Business communication component		
Take one course from:		
ACCT 4373* Accounting Communications		3
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	
<b>CIS MAJOR REQUIREMENTS: 33 HOURS</b>		
CIDM 1315 Programming Fundamentals (if not taken for Core 90)	3	
CIDM 2315* Programming Business Applications	3	
CIDM 3312* Advanced Business Programming	3	
CIDM 3350* Database Systems Design	3	
CIDM 3385 Network Security and Data Communications	3	
CIDM 4360* Object-Oriented Analysis and Design	3	
CIDM 4390* Software Systems Development	3	
Take nine hours from:		
CIDM 3372* Front-End Web Application Development		9
CIDM 3390* Project Management		
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* Internship in CIS		
ADVANCED CIDM ELECTIVE	3	
<b>ELECTIVES: 5-6 HOURS BY ADVISEMENT </b>		
ELECTIVES	5-6	
<b>MINIMUM HOURS REQUIRED TO COMPLETE DEGREE</b>		120

Once students are admitted to West Texas A&M University, they can gain admittance to the Paul and Virginia Engler College of Business by satisfactorily completing a set of pre-admission courses (see **PB** note below) and completing 30 credit hours of undergraduate course work. Students seeking admission to the business program that have completed 30 or more credit hours in a different major or as a transfer student may be admitted to the business program with a 2.5 cumulative GPA or approval by the associate dean of undergraduate business programs. (See catalog or Pre-Business checklist for more details.)

**NOTE:** 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.

**PB** The pre-business courses include 15 credit hours from the following: ECON 2301 or ECON 2302; MATH 1324 (or equivalent); ENGL 1301; COMM 1315, 1318, or 1321; BUSI 1304, CIDM 1301 or 1315, ECON 2331 or University Core 90 equivalent.

\*\* Or University Core 90 equivalent. **Note: only six hours are required for Code 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.

\*\*\* Preferred.

**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. After completing 30 hours, students are required to request an official degree plan by using the online [Degree Plan Request](#) form. The dean's office of the Paul and Virginia Engler College of Business, located in the Classroom Center, Room 216 (phone 806-651-2530), can answer questions about the degree plan. Students who have completed 30 hours will not be allowed to progress without requesting a degree plan.**

**WTAMU ADVISING SERVICES**  
**2019-2020 Curriculum Guide**

[Computer Information Systems](#)  
[Department of Computer Information and Decision Management](#)

**Bachelor of Business Administration**  
**BBA.CIS** **Major Code: 308**

First Year	
Fall	Spring
CORE 10 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CORE 90 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
ENGL 1301 (PB)	ENGL 1302* OR 2311* (PB)
CORE 20 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	MATH 1325* or 2413* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
MATH 1324 (PB)	
ECON 2301 (PB) <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span> (Required for CORE 80)	ECON 2302 (PB) <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
CORE 10 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CIDM 2315* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
COMM 1315, 1318, or 1321 (PB)	
CIDM 1315 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CORE 70 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
	POSC 2305
<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>	<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>

Second Year	
Fall	Spring
ACCT 2301 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	ACCT 2302* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
CIDM 2342* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	MGT 3330 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
CORE 90 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	MKT 3340 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
Business Course*** (PB)	
CORE 60 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CIDM 3330* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
HIST 1301, 1302, 2301, 2381	
CORE 70 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	FIN 3320* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
POSC 2306	
<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>	<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>

Third Year	
Fall	Spring
CIDM 3350* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CIS ELECTIVE* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
	See checklist for options
CIDM 3385 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CIS ELECTIVE* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
	See checklist for options
ADV. ECON ELECTIVE* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span> 3000-or 4000-level ECON	BUSI 3312* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
CORE 60 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CORE 40 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
HIST 1301, 1302, 2301, 2381	See checklist for options
CORE 30 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CORE 30 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
See checklist for options	See checklist for options
<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>	<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>

Fourth Year	
Fall	Spring
CIDM 3312* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	MGT 4315* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
CIDM 4360* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	CIDM 4390* (S) <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
CIS ELECTIVE* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	ADV. CIDM ELECTIVE* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
See checklist for options	3000- or 4000-level CIDM
COB COMM COMP* <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	ELECTIVE <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
See checklist for options	
CORE 50 <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>	ELECTIVE <span style="float: right; border: 1px solid black; padding: 0 5px;">3</span>
See checklist for options	
<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>	<b>Semester Hours</b> <span style="float: right; border: 1px solid black; padding: 0 5px;">15</span>

**Degree Total Hours     120**

**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.

<b>Identified Marketable Skills:</b>
<ul style="list-style-type: none"> <li>- Technical and organizational knowledge</li> <li>- Strong interpersonal skills that include: communication, listening, and leadership</li> <li>- Problem identification and solving skills</li> </ul>

<b>Top 3 Local Employers or Industries/Professional Programs/Possible Career Opportunities</b>
Information Technology Opportunities Banking and Financial Industries Federal, State, or Local Government Institutions Healthcare Industry

<b>Prerequisites/Important Sequences/Other degree Notes:</b>
*Indicates prerequisites are required - See University Catalog for additional information. (PB) Pre-Business. Students must complete these courses with a "C" or better before declaring a Business major. (F) Fall ONLY **                      (S) Spring ONLY** **Course rotations are not definitive and should be used for general planning purposes. Consult your adviser. ***BUSI 1304, CIDM 1301 or CIDM 1315, or University Core 90 equivalent. <b>Math progression:</b> MATH 1324 to MATH 1325 to CIDM 2342 to FIN 3320. <b>Capstone progression MGT 4315:</b> Utilizes Math progression, along with MGT 3330 and MKT 3340, and Senior status