



**AA – Computer Information Systems to  
BS – Computer Information Systems  
Software Engineering and Database Design Concentration  
2022-2023 Transfer Pathway**



**AA Degree Requirements**

**Temple College**

TEMPLE	TAMUCT	Course Name	SCH	TEMPLE	TAMUCT	Course Name	SCH
ENGL 1301	CORE 010	Composition I	3	COSC 2436	COSC 2436	Programming Fundamentals III	4
MATH 1314 or MATH 1324	CORE 020	College Algebra or Mathematics for Business & Social Sciences	3	CORE 030	CORE 030	Life/Physical Science Core Selection	3
ENGL 1302	CORE 090	Composition II	3	CORE 030	CORE 030	Life/Physical Science Core Selection	3
COSC 1301 or BCIS 1305	COSC 1301 or BCIS 1305	Introduction to Computing or Business Computer Applications	3	SPCH 1311, 1315 or 1321	CORE 010	Introduction to Speech Communication, Public Speaking or Business and Professional Communication	3
ECON 2301	CORE 090	Principles of Macroeconomics	3	GOVT 2305	CORE 070	Federal Government	3
COSC 1436	COSC 1436	Programming Fundamentals I	4	ACCT 2301	ACCT 2301	Principles of Financial Accounting	3
ECON 2302	CORE 080	Principles of Microeconomics	3	GOVT 2306	CORE 070	Texas Government	3
COSC 1437	COSC 1437	Programming Fundamentals II	4	CORE 050	CORE 050	Creative Arts Core Selection	3
HIST 1301	CORE 060	United States History I	3	HIST 1302	CORE 060	United States History II	3
CORE 040	CORE 040	Language, Philosophy, or Culture Core Selection	3				
<b>Subtotal</b>							<b>60</b>

**Additional Lower-Level or Upper-Level Degree Requirements**

**Temple College or Texas A&M University – Central Texas**

Temple College	Texas A&M University - Central Texas	Course Name	SCH
BUSI 2305 <sup>1,2</sup>	BUSI 2305	Business Statistics	3
COSC 1315 <sup>1,2</sup>	COSC 1315	Fundamentals of Programming	3
Any Level Elective <sup>1,3,4</sup>	Any Level Elective	Any Level Elective	6
<b>Subtotal</b>			<b>12</b>

**Upper-Level Degree Requirements**

**Texas A&M University - Central Texas**

Texas A&M University - Central Texas	Course Name	SCH	Texas A&M University - Central Texas	Course Name	SCH
CIS 3315	Web Site Development and Design	3	CIS 3365	System Analysis and Design	3
MGMT 3301	Principles of Management	3	CIS 4301	Database Theory and Practices	3
CIS 3340, 3341, 3342 or 3343	Advanced C++ Programming, Advanced Visual Basic Programming, Advanced Java Programming or C# Programming for Windows and the Web	3	CIS 3351	Data Structures	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4360	Strategic Information Systems	3
CIS 3347	Data Communications and Infrastructure	3	CIS 4340	Algorithm Design and Analysis	3
CIS 3360	Ethics in Computing	3	CIS 4352	Structured Query Language	3
CIS 4350	Management Information Systems	3	CIS 4379	Software Engineering for E-Business	3
CIS 4351	IS Project Management	3	Upper-Level CIS or COSC Electives	Upper-Level CIS or COSC Electives	3
<b>Subtotal</b>					<b>48</b>
<b>Total</b>					<b>120</b>

**Notes/Comments**

**Texas A&M-Central Texas is an upper-level institution offering 3xxx-5xxx level courses. All 1xxx-2xxx level courses must be completed at a different institution.**

**For help with pathway planning, student should speak with an [academic advisor](#). This guide is intended for planning and visualization purposes only.**

- Not all bachelor's degree requirement courses are completed with the AA. Student will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.
- Please consult your TAMUCT advisor for information on alternative Upper-Level course offerings.
- Any-level electives may be taken at either Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
- Lower-Level Electives, Any Level Electives, Component Area Options, or Degree Requirements (DEG REQ) may consist of the FOS courses: MATH 2413, MATH 2414, MATH 2305, COSC 1436, COSC 1437, COSC 2436, PHYS 2425, PHYS 2426 (or 3 credit hour lecture and 1 hour lab courses for PHYS), one of the following: COSC 2325, COSC 2425.

## **Transfer Information**

## Transfer of Credit & Student Benefits

**Transfer Central! Your affordable path to a high-quality bachelor's degree.**

[Join Transfer Central](#) and receive exclusive access to resources designed to help you complete your bachelor's degree on time and with less debt:

- Personalized degree planning
- University email address
- Priority class registration
- Dedicated admission counselor
- Customized financial aid consultations
- Invitations to university events and activities

Click [HERE](#) to join now.

## College of Business Administration

Explore all the opportunities the College of Business Administration at A&M-Central Texas has to offer. Visit us [ONLINE](#) to see what is happening!

**Start planning today. Schedule an appointment with a COBA academic advisor. Click [HERE](#) to find a time that meets your schedule.**

## Program Admission Requirements

Undergraduate Admission Requirements:

- Minimum 2.0 cumulative transfer GPA on a 4.0 scale
- Minimum 30 academic, college-level transferable hours
- Must be eligible to return to all previously attended institutions

Additional program admission standards may apply. Visit degree program pages or speak with an A&M-Central Texas admission counselor for additional information.

**Get Connected.** Meet in-person, virtually, or via the phone with an admissions counselor today. Click [HERE](#) to schedule an appointment convenient for you.

## Graduate Studies

Continue to advance your skills and new career opportunities with a graduate degree from

Texas A&M University - Central Texas. Click to learn more about the following graduate degrees:

### [Master of Business Administration](#)

- Computer Information Systems
- Healthcare Administration
- Human Resource Management
- Management
- Data Analytics micro-credential (pending internal approval)
- Leadership for Sustainability

### [Master of Science – Accounting](#)

### [Master of Science – Information Systems](#)

### [Master of Science – Leadership for Sustainability](#)

Graduate Certificates

### [Healthcare Administration](#)

### [Leadership for Sustainability](#)