

AA-General Studies to BS-Computer Science 4-Year Suggested Academic Plan for Transfer 2021-2022 Catalog Year

First and Second Years

Please speak with your TC advisor for recommended course sequence

TC	TAMUCT	Course Name	Hrs	TC	TAMUCT	Course Name	Hrs
ENGL 1301	CORE 010	Composition I	3	ENGL 1302	CORE 010	Composition II	3
MATH 2413 ²	CORE 020	Calculus I	4	PHYS 2425	CORE 030	University Physics I	4
PHYS 2426	CORE 030	University Physics II	4	CORE 040	CORE 040	CORE Language, Philosophy & Culture	3
CORE 050	CORE 050	CORE Creative Arts	3	HIST 1301	CORE 060	US History I	3
HIST 1302	CORE 060	US History II	3	GOVT 2305	CORE 070	Federal Government	3
GOVT 2306	CORE 070	Texas Government	3	PSYC 2301	CORE 080	General Psychology	3
COSC 1336	CORE 090	Programming Fundamentals I	3	COSC 1337	CORE 090	Programming Fundamentals II	3
MATH 2414	CORE 090	Calculus II	4	MATH 1342	Statistics Requirement	Elementary Statistical Methods	3
MATH 2305	Discrete Math Requirement	Discrete Mathematics	3	SPCH 1321	Any Elective	Business & Professional Communication	3
BCIS 1305 or COSC 1301	Any Elective	Business Computer Applications or Introduction to Computing	3				
Total							61

Third Year – Junior

Fall Semester – Spring Semester

TAMUCT	Course Name	Hrs	TAMUCT	Course Name	Hrs
CIS 3347	Data Communications and Infrastructure	3	COSC 3343	Computer Architecture	3
CIS 3360	Ethics in Computing	3	COSC 3351	Data Structures	3
CIS 3330, 3332, 3340, 3342 or 3343	C++ Programming, Java Programming, Advanced C++ Programming, Advanced Java Programming, or C# Programming for Windows and the Web	3	MATH 3360 or 3332	Numerical Analysis I or Linear Algebra	3
Adv. Elective	Advanced Elective	3	Adv. Elective	Advanced Elective	3
Adv. Elective	Advanced Elective	3	Adv. Elective	Advanced Elective	3
Total		15	Total		15

Fourth Year - Senior

Fall Semester – Spring Semester

TAMUCT	Course Name	Hrs	TAMUCT	Course Name	Hrs
COSC 3380	Operating Systems	3	COSC 4340	Analysis of Algorithms	3
COSC 4301	Database Theory and Practices	3	COSC 4341	Information Technology Security and Risk Management	3
COSC 4379	Software Engineering for E-Business	3	COSC 4378	Computer Networks	3
Adv. Elective	Advanced Elective	3	Adv. Elective	Advanced Elective	3
Adv. Elective	Advanced Elective	3	Any Level Elective	Any Level Elective	3
Total		15	Total		15

Notes/Comments:

- (1) Some Texas Common Core may be offered as a Dual Credit course. Please consult with your Temple College advisor
- (2) Students not prepared for MATH 2413 may be required to take additional mathematics coursework.

Transfer Information

Transfer of Credit & Student Benefits

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College of Business Administration

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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:

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- 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](#)