



# Bachelor of Science Computer Information Systems Cybersecurity Concentration 2022-2023 Transfer Guide

Core Requirements			
(Transfer Credits)			
Other Institution	Texas A&M University - Central Texas	Course Name	SCH
CORE 010	CORE 010	Communication Core Selection	3
SPCH 1311, 1315 or 1321	CORE 010	Introducing to Speech Communication, Public Speaking or Business & Professional Communication	3
CORE 020 <sup>4</sup>	CORE 020	Mathematics Core Selection	3
CORE 030 <sup>4</sup>	CORE 030	Life and Physical Sciences Core Selection	3
CORE 030 <sup>4</sup>	CORE 030	Life and Physical Sciences Core Selection	3
CORE 040	CORE 040	Language, Philosophy, and Culture Core Selection	3
CORE 050	CORE 050	Creative Arts Core Selection	3
CORE 060	CORE 060	American History Core Selection	3
CORE 060	CORE 060	American History Core Selection	3
CORE 070	CORE 070	Government/Political Science Core Selection	3
CORE 070	CORE 070	Government/Political Science Core Selection	3
ECON 2302	CORE 080	Principles of Microeconomics	3
CORE 090 <sup>4</sup>	CORE 090	Component Area Core Selection	3
CORE 090 <sup>4</sup>	CORE 090	Component Area Core Selection	3
<b>Subtotal</b>			<b>42</b>

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Other Institution	Texas A&M University - Central Texas	Course Name	SCH
Any Level Elective <sup>4</sup>	Any Level Elective	Any Level Elective	15
Any Level CIS Elective	Any Level CIS Elective	Any Level CIS Elective	3
BCIS 1305 or COSC 1301	CIS 3300 <sup>4</sup>	Business Computer Applications, Introduction to Computing or Computer Technology and Impact	3
COSC 1315	CIS 3303	Fundamentals of Programming or Programing Logic and Design	3
COSC 1320 or 1336	CIS 3330 <sup>4</sup> , 3331 or 3332	C Programming I, Programming Fundamentals I, C++ Programming, Visual Basic Programming or Java Programming	3
<b>Subtotal</b>			<b>27</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 4301	Database Theory and Practices	3
CIS 4341	Information Technology Security and Risk Management	3	CIS 4345	Network and Systems Security	3
CIS 3347	Data Communication and Infrastructure	3	CIS 4346	Applied security	3
CIS 3361	Introduction to Computer Forensics	3	BUSI 3311	Business Statistics	3
MGMT 3301	Principles of Management	3	CIS 4360	Strategic information Systems	3
CIS 4342	Computer Security Principles and Practices	3	CIS 4351	IS Project Management	3
CIS 3360	Ethics in Computing	3	CIS 4348	Security Trends and Malware Analysis	3
CIS 4350	Management Information Systems	3	Upper-Level CIS or COSC Elective	Upper-Level CIS or COSC Elective	3
CIS 3365	System Analysis and Design	3			
<b>Subtotal</b>					<b>51</b>
<b>Total</b>					<b>120</b>

### Notes/Comments

**This guide is for planning and visualization purposes only. For assistance with pathway planning, students should schedule an appointment with an academic advisor.**

1. Texas A&M University - Central Texas is an upper-level university only offering upper-level courses (3000-4000 labeled courses)
2. Student will need to complete all lower-level courses at another institution (1000-2000 labeled courses). Refer to the [General Education Core Requirements page](#) for more information on the CORE Requirements coursework.
3. Any-level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
4. 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.