AS-T Computer Science to B.S.
Computer Science: Network & Security Concentration
2023-2024

This pathway is for students who completed an AS-T in Computer Science and sent degree verification to CSUMB.

Fall Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
CST 300	Major Pro-Seminar	4	GWAR, Major Core
CST 338	Software Design	4	Major Core
CST 205 or 325 or 336 or 363 or 383	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #1
US History course such as CST 274	CSU American Institutions requirement if not completed prior to transfer	3	US1
Spring Junior Courses (15 units total)	**Course or GE Title**	**Units**	**GE/Major**
CST 370	Design & Analysis of Algorithms	4	Major Core
CST 311	Intro to Computer Networks	4	Concentration #1
CST 205 or 325 or 336 or 363 or 383, or CST 326 (Spring only)	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #2
SL 210S or HCOM 260S or SBS 212S	CSU American Institutions requirement	3	US2,3
Fall Senior Courses (16 units total)	**Course or GE Title**	**Units**	**GE/Major**
CST 312 (Fall only)	Network Security	4	Concentration #2
CST 412 (Fall only)	Network Administration	4	Concentration #3
CST 334	Operating Systems	4	Major Core
CST 205 or 325 or 336 or 363 or 383, or CST 326 (Spring only)	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #3
Spring Senior Courses (14 units total)	**Course or GE Title**	**Units**	**GE/Major**
CST 499	Computer Science Capstone	4	Major Core
CST 329 or any UDB	Reasoning with Logic or other UDB GE	3	UDB, GE
CST 462S	Race, Gender, Class in the Digital World	3	Major Core, UDSL, UDD, GE, ES*
SPAN 340 or 350 or JAPN 340 or 350 (Students who completed a language course other than English prior to transfer, may take any UDC course)	Upper-Division C: Integrated Arts & Humanities/World Language and Culture Requirement	3	UDC, WLC
Free elective if needed	Elective if needed to reach 120 units	1	Elective if needed
	Total Networks & Security Transfer:	**60**	

*Transfer students with catalog rights to a GE catalog prior to fall 2021 must complete CSUMB's Ethnic Studies (ES) requirement.