AS-T Computer Science to B.S.
Computer Science: Network & Security Concentration
2026-2027

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

Fall Junior Courses (16 units)	Course or GE Title	Units	GE/Major
CST 300	Graduate Writing Assessment	3	GWAR, Major Core
CST 349	Major Pro Seminar	2	Major Core
CST 338	Software Design	4	Major Core
CST 205 or 325 or 336 or CST 363 or CST 383 or CST 438	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)	**Course or GE Title**	**Units**	**GE/Major**
CST 370	Design & Analysis of Algorithms	4	Major Core
CST 311	Intro to Database Systems	4	Concentration #1
CST 315	Intro to Cybersecurity	4	Concentration #2
CST 329 or any UDB	UD2/UD5: Mathematical Concepts/Quantitative Reasoning	3	UD2/UD5 GE
Fall Senior Courses (15 units)	**Course or GE Title**	**Units**	**GE/Major**
CST 334	Operating Systems	4	Major Core
CST 415 (Fall Only)	Advanced Cybersecurity	4	Concentration #3
CST 205 or 325 or 336 or CST 363 or CST 383 or CST 438	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 if not completed prior to transfer	3	US2,3
Spring Senior Courses (14 units)	**Course or GE Title**	**Units**	**GE/Major**
CST 499	Computer Science Capstone	4	Major Core
CST 462S	Race, Gender, Class, in the Digital World	3	Upper Div Service Learning
CST 205 or 325 or CST 326 or 336 or CST 363 or CST 380 or CST 383 or CST 438	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #3
SPAN 350 or JAPN 350 (Students who completed a language course other than English prior to transfer, may take any UDC course)	UD3: Arts & Humanities/World Language and Culture Requirement	3	UD3, WCL
	Total Software Engineering Transfer:	**60**	