AS-T Computer Science to B.S.
Computer Science: Software Engineering Concentration
2024-2025

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

Fall Junior Courses (15 units)	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 311 or 312 or 325 or 336 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 (16 units)	**Course or GE Title**	**Units**	**GE/Major**
CST 370	Design & Analysis of Algorithms	4	Major Core
CST 363	Intro to Database Systems	4	Concentration #1
CST 325 or 336 or 380 (Spring only)	Software Eng restricted elective	4	Concentration #2
CST 205 or 311 or 325 or 326 (Spring only) or 336 or 383	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #2
Fall Senior Courses (15 units)	**Course or GE Title**	**Units**	**GE/Major**
CST 334	Operating Systems	4	Major Core
CST 438	Software Engineering	4	Concentration #3
CST 205 or 311 or 312 (Fall only) or 325 or 336 or 383 or 412 (Fall only) or 463 (Fall only)	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #3
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 329 or any UDB	Reasoning with Logic or other Upper Division GE Area B Course	3	UDB GE
CST 462S	Race, Gender, Class in 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 GE C: Integrated Arts & Humanities/World Language and Culture Requirement	3	UDC, WCL
Free elective if needed	Elective if needed to reach 120 units	1	Elective if needed
	Total Software Engineering Transfer:	**60**	

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