

AS-T Computer Science to B.S. Computer Science: Software Engineering Concentration 2022-2023

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 ProSeminar	4	GWAR, Core
CST 338	Software Design	4	Core
CST 205 or 311 or 312 or 325 or 363	CS elective not counted elsewhere	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	Core
CST 336	Internet Programming	4	Conc #1
CST 325 or 383	Graphics Programming or Intro Data Sci	4	Conc #2
CST 205, 311, 312, 325, 363, or 383, or (spring only) CST 326	CS elective not counted elsewhere	4	CS Elective #2
Fall Senior Courses (15 units)	Course or GE Title	Units	GE/Major
CST 334	Operating Systems	4	Core
CST 438	Software Engineering	4	Conc #3
CST 205, 311, 312, 325, 363	CS elective not counted elsewhere	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	Core
CST 329 or any UDB	Reasoning with Logic	3	UDB
CST 462s	Race, Gender, Class in Digital World	3	Core, UDSDL,UDD,ES*
SPAN 340 or 350 or JAPN 340 or 350 (may take any UDC if language completed prior to transfer)	Upper-division humanities/world language & culture requirement	3	UDC WCL
Free elective if needed	Elective if needed to reach 120 units	1	Free elective
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.