

AS-T Computer Science to B.S. Computer Science: Data Science 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 363	Intro to Database Systems	4	Concentration #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 383	Intro to Data Science	4	Concentration #2
CST 205 or 311 or 315 or 325 or 326 (Spring only) or 336 or 380 (Spring only) or CST 438	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #1
CST 329 or any UD2/UD5	UD2/UD5: Mathematical Concepts/Quantative 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 463 (Fall Only)	Advanced Machine Learning	4	Concentration #3
CST 205 or 311 or 315 or 325 or 336 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 311 or 315 or 325 or 326 (Spring only) or 336 or 380 (Spring only) 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	