AS-T Computer Science to B.S.
Computer Science: Data Science Concentration
2023-2024

This pathway is for students 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 363	Introduction 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 (16 units)	**Course or GE Title**	**Units**	**GE/Major**
CST 370	Design & Analysis of Algorithms	4	Major Core
CST 383	Introduction to Data Science	4	Concentration #2
CST 205 or 311 or 312 (Fall only) or 325 or 326 (Spring only), or 336, or 438	CS elective not counted elsewhere. CS course not part of concentration	4	CS Elective #1
CST 205 or 311 or 312 (Fall only) or 325 or 326 (Spring only), or 336, or 438	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 463 (Fall only)	Advanced Machine Learning	4	Concentration #3
CST 205 or 311 or 312 (Fall only) or 325 or 326 (Spring only), or 336, or 438	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 other 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, WCL
Free elective if needed	Elective if needed to reach 120 units	1	Elective if needed
	Total Data Science Transfer:	**60**	

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