# AS-T Computer Science to B.S. Computer Science: Network & Security 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 total) | Course or GE Title | Units | GE/Major |
|---|---|---|---|
| CST 300 | Major ProSeminar | 4 | GWAR, Core |
| CST 338 | Software Design | 4 | Core |
| CST 205, 325, 336, 363, or 383 | CS elective not counted elsewhere | 4 | CS Elective #1 |
| US History course such as CST 274 | CSU American Institutions requirement | 3 | US1 |
| Spring Junior Courses (15 units total) | Course or GE Title | Units | GE/Major |
| CST 370 | Design & Analysis of Algorithms | 4 | Core |
| CST 311 | Intro to Computer Networks | 4 | Conc #1 |
| CST 205, 325, 336, 363, 383, or 438, or (spring only) CST 326 | CS elective not counted elsewhere | 4 | CS Elective #2 |
| SL 210S or HCOM 260S or SBS 212S | CSU American Institutions requirement | 3 | US2,3 |
| Fall Senior Courses (16 units total) | Course or GE Title | Units | GE/Major |
| CST 312 (fall only) | Network Security | 4 | Conc #2 |
| CST 412 (fall only) | Network Administration | 4 | Conc #3 |
| CST 334 | Operating Systems | 4 | Core |
| CST 205, 325, 336, 363, 383, or 438 | CS elective not counted elsewhere | 4 | CS Elective #3 |
| Spring Senior Courses (14 units total) | 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,UDSL,UDD,ES* |
| SPAN 340 or 350 or JAPN 340 or 350 (may take any UDC if language completed prior to transfer) | Upper-Division Humanities (with World Language & Culture requirement) | 3 | UDC WLC |
| Free elective if needed | Elective if needed to reach 120 units | 1 | Free elective |
| | Total Networks & Security Transfer: | 60 | |

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