

“Learning about the Experiences of Chicano/Latino Students in a Large Undergraduate CS Program”

Amari N. Lewis, Joe G. Politz, Kristen Vaccaro, Mia Minnes

University of California San Diego

ITICSE '22, July 8-13, 2022, Dublin, Ireland

Course	Survey Response Rates			
	All Students	CSE Majors	Chicano/Latino Students	Chicano/Latino CSE Majors
CS0.5	(720/761) 94.6%	(99/105) 94.3%	(150/160) 93.8%	(32/35) 91.4%
CS1.5	(102/144) 70.8%	(12/17) 70.6%	(11/19) 57.9%	(3/5) 60%
CS1	(620/582) 106.5%	(176/176) 100%	(48/44) 109.1%	(9/9) 100%
CS2	(185/441) 44.7%	(26/71) 36.6%	(15/34) 44.1%	(3/8) 37.5%
DM1	(321/305) 105.2%	(90/91) 98.9%	(32/29) 110.3%	(9/9) 100%
DM2	(248/404) 61.4%	(119/193) 61.7%	(16/27) 59.3%	(5/11) 45.5%
Sys	(387/379) 102.1%	(106/104) 101.9%	(34/32) 106.3%	(8/7) 114.3%
DS	(432/440) 98.2%	(145/152) 95.4%	(31/34) 91.2%	(7/8) 87.5%
Totals	(3015/3429) 87.9%	(773/909) 85%	(337/379) 88.9%	(76/92) 82.6%

Above 100% is due to the student data being based on week 3 (at this point, students may have dropped)

We use shorthand descriptions of the classes: CS0.5- Intro to programming I, CS1.5- Intro to programming II, CS1- Accelerated intro to programming, CS2 - Basic data structures, DM1- Discrete Math I, DM2- Discrete Math II, Sys- Computer Organization and Systems Programming, DS- Advanced data structures. Most CSE majors responding to the surveys were admitted after FA18. Except two CS2- (one of whom is Chicano/Latino), one in DM2 (not Chicano/Latino), and two in DS (not Chicano/Latino)