

Articulation Sheet for CA State Stanislaus 2005-2006

Pacific Requirement for Computer Science	fulfilled by	CA State University Stanislaus
Mathematics		
MATH 37 or 39	Introduction to Statistics and Probability Probability with Applications to Statistics	MATH 1620
MATH 51	Calculus I	MATH 1410
MATH 53	Calculus II	MATH 1420
COMP 47	Discrete Math for Computer Science	MATH 2300
Basic Sciences		
Lab Science Semester I	PHYS 53, 55; BIOL 51, 61; (4-5 units) CHEM 25, 27; GEOS 51, 53 or 61	PHYS 2250, 2260, 2270; BOTY 1050 or ZOOLOGY 1050, BIOL 3310; CHEM 1100, 1110; GEOL 2100, 2200 or 2001
Lab Science Semester II	Second semester from same (4-5 units) lab sequence chosen above	Next lab course(s) from same sequence chosen above
One Science Elective (Must be a course not chosen above)	ENGR 79, CHEM 23, 25, (4-5 units) BIOL 41, 51, GEOS 51, 53 or 61, PHYS 23, 25, 53, 55	CHEM 1100, BIOL 1010, BOTY 1050 or ZOOLOGY 1050, GEOL 2100, 2200 or 2001, PHYS 2100, 2110, 2250, 2260, 2270
Math/Science Elective (if necessary)	Total of 16 units math and 14 units science are required. If units are lacking an additional science or math course must be taken.	Many options available
Computer Science Courses		
COMP 37	The Data Communication Environment (3 units)	CS 3000
COMP 51	Computer Science I (includes lab, 4 units)	CS 1500
COMP 53	Computer Science II (4 units)	CS 2500

General Education

The School of Engineering and Computer Science at Pacific will accept any Community College Transfer General Education program as satisfying our own, with at most one additional class being required. All students at Pacific take an ethics course during their senior year. Pacific does not require a minimum number of completed units for community college students to transfer to University of the Pacific. For a detailed explanation, see the reverse side of this page. For additional information please call the Computer Science Chair at 209-946-2655 or Dr. Gary Martin, 209-946-3064 (collect).

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