

American River College Articulation Sheet for 2005-2006

Pacific Requirement for Computer Science	fulfilled by	American River College
Mathematics		
MATH 37 or 39	Introduction to Statistics and Probability	STAT 1
MATH 51	Probability with Applications to Statistics	MATH 9A
MATH 53	Calculus I	MATH 9B
COMP 47	Calculus II	CIS 440
	Discrete Math for Computer Science	
Basic Sciences		
Lab Science Semester I	PHYS 53, 55; BIOL 51, 61; (4-5 units) CHEM 25, 27; GEOS 51, 53 or 61	PHYS 4A-4C; BIO 2 or 3, 1A; CHEM 1A, 1B; GEOL 1, 3
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	ENGR 17, CHEM 2A, 1A, BIOL 16, 1A, GEOL 1, 3, PHYS 5A, 5B, 4A-4C
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)	
COMP 51	Computer Science I (includes lab, 4 units)	CIS 400
COMP 53	Computer Science II (4 units)	CIS 430

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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