

## **Sacramento City College Articulation Sheet for 2005-2006**

Pacific Requirement for Computer Science	fulfilled by	Sacramento City College
<b>Mathematics</b>		
MATH 37 or 39	Introduction to Statistics and Probability Probability with Applications to Statistics	STAT 300
MATH 51	Calculus I	MATH 400
MATH 53	Calculus II	MATH 401
COMP 47	Discrete Math for Computer Science	CISP 440
<b>Basic Sciences</b>		
Lab Science Semester I	PHYS 53, 55; BIOL 51, 61; (4-5 units) CHEM 25, 27; GEOS 51, 53 or 61	PHYS 410-430; BIO 412 or 422, 402; CHEM 400, 401; GEOL 302, 310
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 400, CHEM 305, 400, BIO 412 or 422, PHYS GEOL 302, 310, PHYS 350, 360, 410-430
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
<b>Computer Science Courses</b>		
COMP 37	The Data Communication Environment (3 units)	CISN 304
COMP 51	Computer Science I (includes lab, 4 units)	CISP 400
COMP 53	Computer Science II (4 units)	CISP 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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