

Applied Math BS Transfer Pathway
San Joaquin Delta College to University of the Pacific

<u>Pacific course</u>	<u>Course name</u>	<u>Delta course</u>
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Required core

MATH 51	Calculus I	MATH 001
MATH 53	Calculus II	MATH 002
MATH 55	Calculus III (Multivariable)	MATH 003

One or more of the following:

Recommended (major requirements)

MATH 57	Differential Equations	MATH 004
MATH 75	Linear Algebra	MATH 005
CS 51	Introduction to Computer Programming	
		CS 026A, CS031, CS031A-B

Major electives

MATH 37	Probability and Statistics	MATH 012
CS 47	Discrete Mathematics	MATH 022
PHYS 51	Princ. of Physics I	PHYS 004A AND PHYS 004B
PHYS 53	Princ. of Physics II	PHYS 004C

A student who completes these requirements and transfers sufficient units and General Education courses will have 3-9 remaining math classes and can complete a BS in Applied Mathematics in 2 years.