

All Bachelor Programs require a minimum of 128 credits and a 2.00 cumulative average.

BS MATHEMATICS		<a href="#">NAMS</a>	
Academic Year 2019-2020		<b>80 Program Credits</b>	
The following 45 core Math credits must be earned with a "C" or higher		<b>Group II Choose ONE course from:</b> MATH 4451 Probability & Statistics I; MATH 4452 Probability & Statistics II; MATH 4461 Numerical Analysis; MATH 4471 Computer Algorithms; MATH 4472 Theory of Computation; MATH 4481 Topics in Math; MATH 4491 Partial Differential Equations (4)	
MATH 2215 Calculus I	(5)	<b>Select Two courses from Group I or II</b> _____ (4) _____ (4)	
MATH 2216 Calculus II	(5)		
MATH 2217 Calculus III	(5)		
CSIS 2101 Programming & Problem Solving I	(4)		
MATH 3328 Differential Equations	(4)		
MATH 3323 Linear Algebra	(4)		
MATH 3325 Foundations of MATH	(4)		
PHYS 2220/25 Physics I with lab	(6)		
PHYS 2230/35 Physics II with lab	(6)		
MATH 4600 Math Seminar	(1)		
MATH Seminar	(1)	<b>Cognate Choices:</b> Consults with your MATH preceptor for choices from PHYS, CSIS, ECON, MATH, MARS or GNM 2161, 2113, 3149 or 2245	
<b>Group 1 Choose ONE course from:</b> MATH 4491 Innerconnections in Math; MATH 4431 Real Analysis; MATH 4432 Complex Analysis; MATH 4441 Abstract Algebra; MATH 4445 Topics in Geometry; MATH 4481 Topics in Mathematics (4)		Choose MATH/Cognate courses to equal 80 total program. Credits	
		MATH/Cognate	(4)
		MATH/Cognate	(4)
		MATH/Cognate	(4)
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<b>GENERAL STUDIES REQUIREMENTS:</b>		<b>48 Total Credits</b>	
No more than 12 credits in any "G" category may be applied towards the BS degree.		<b>32 Credits</b>	
GEN General Interdisciplinary		GNM General Natural Science & Math	
GIS-General Integration & Synthesis (Jr./Sr. yr.)		GNM	
GAH General Arts & Humanities		GSS General Social Science	
GAH		GSS	
<b>AT SOME DISTANCE Electives - Courses unrelated to your major</b>		<b>16 Credits</b>	
	(4)		(4)
	(4)		(4)
<b>GENERAL STUDIES OUTCOME REQUIREMENT: These courses are listed as attributes and should be completed within the 128 credits needed to graduate.</b>			
(A) Arts		(V) Values/Ethics	
(H) Historical Consciousness		(I) International/Multicultural	
<b>GENERAL STUDIES WRITING REQUIREMENT: (4 courses)</b>			
<b>Two W1 courses may be in transfer. W2 courses must be taken at Stockton.</b>			
W1	W1/W2	W1/W2	W1/W2 at 3000 Level
<b>GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)</b>			
<b>Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.</b>			
Q1		Q2	Q1 or Q2
Prerequisites must be met, check course description on the web.			

"The student is responsible for insuring that all graduation requirements are met" (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis.