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

BA MATHEMATICS

Academic Year **Fall 2019-Fall 2020** **64 Program Credits**

The following 41 core Math credits must be earned with a "**C**" or higher

MATH 2215 Calculus	(5)
MATH 2216 Calculus II	(4-5)
MATH 2217 Calculus III	(5)
CSIS 2101 Programming & Problem Solving I	(4)
MATH 3323 Linear Algebra	(4)
MATH 3325 Foundations of Math	(4)
PHYS 2220/25 Physics I w/lab	(6)
PHYS 2230/35 Physics II w/lab	(6)
MATH 4600 Math Seminar	(4)
MATH 4600 Math Seminar	(6)
GROUP I Choose ONE course from: MATH 4490 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)
Group II Choose ONE course from: 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)
Select TWO additional courses from Group I or II _____	(4)
_____	(4)

Cognates Choices: Consult with your math preceptor for choices from PHYS, CSIS, ECON, MATH, MARS or GNM 2161, 2113, 3149 or 245

Choose MATH/Cognate courses to equal 64 total program credits: MATH/Cognate_____, _____, _____, _____, _____, _____

GENERAL STUDIES REQUIREMENTS: 64 Total Credits

No more than 16 credits in any "G" category may be applied towards the BA degree. **32 Credits**

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	

AT SOME DISTANCE Electives - Courses unrelated to your major 32 Credits

	(4)		(4)
	(4)		(4)
	(4)		(4)
	(4)		(4)

GENERAL STUDIES OUTCOME REQUIREMENT: These courses are listed as attributes and should be completed within the 128 credits needed to graduate.

(A) Arts	(V) Values/Ethics
(H) Historical Consciousness	(I) International/Multicultural

GENERAL STUDIES WRITING REQUIREMENT: (4 courses)
Two W1 courses may be in transfer. W2 courses must be taken at Stockton.

W1	W1/W2	W1/W2	W1/W2 at 3000 Level

GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)
Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.

Q1		Q2		Q1 or Q2

"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. Prerequisites must be met. Please consult the Catalog of Courses for information

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