

This document is not a substitute for academic advisement.

Approved by The Mathematics Program (February 2022)

Degree Map: [Mathematics \(BA\)](#)

Mathematics Program

School of Natural Sciences & Mathematics, Stockton University

USC 1 - 240 609-652-4546

The following is a suggested plan of study for completion of this degree program.

The goal of a Degree Map is to ensure that students graduate with no more than 81 credits and in four years.

- x All students should speak with their preceptor throughout their academic programs.
- x Students are encouraged to take overloads and Summer courses

		- SPRING	
Course load	15-19	Course load	Credit
15-19	15-19	15-19	15-19
	4	G-course Optional Attributes: W, A, H, I, R, and/or V	
	4	Subject: ASD or G-course (Optional) Optional Attributes: W, A, H, I, R, and/or V	
	5	MATH 2216 Calculus I Attribute: Q1	
	6	PHYS 2230/35 Physics II w/lab Attribute: Q1	
	Credit	SECOND YEAR SPRING	

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FOURTH YEAR FALL	Credit	FOURTH YEAR SPRING	Credit
Course load	12-16	Course load	12-16

ASD

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- x ¹Group I (Attribute: Q1): MATH 4431 Real Analysis; MATH 4432 Complex Analysis; MATH 4441 Abstract Algebra; MATH 4445 Topics in Geometry; MATH 4481 Topics in Mathematics
- x ²Group II (Attribute: Q1): 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
- x Consult with preceptor before taking statistics courses that do not have MATH acronym. Non calculus based statistics courses will not count as Program/Cognate courses toward a Mathematics degree.

ADDITIONAL INFORMATION

- x **FIRST (FRST)** All newly admitted freshmen or transfer students with 15 or fewer credits are required to fulfill the University's first year competency requirement. The requirement may be met by demonstrating competency on the placement tests, or by passing, with a grade of C or better, all FRST courses