

# MATHEMATICS B.S.

## PRE-MAJOR: 10 COURSES

Students can declare the pre-major at any time while in good academic standing.

Two courses from the following:

	Quarter	Grade		Quarter	Grade
MATH 31A*	_____	_____	ECON 11	_____	_____
MATH 31B*	_____	_____	CHEM 20A	_____	_____
MATH 32A*	_____	_____	CHEM 20B	_____	_____
MATH 32B*	_____	_____	LIFESCI 7A	_____	_____
MATH 33A*	_____	_____	PHYSICS 1B <b>or</b> 5B	_____	_____
MATH 33B*	_____	_____	PHYSICS 1C <b>or</b> 5C	_____	_____
PIC 10A	_____	_____	PHILOS 31	_____	_____
PHYSICS 1A	_____	_____	PHILOS 132	_____	_____

\*The mathematics sequenced courses are calculated separately from the other preparation for the major courses and must be completed with a minimum overall 2.5 grade-point average and a grade of “C” or better in each course. Repetition of more than two mathematics sequenced courses, or of any mathematics sequenced course more than once, results in automatic dismissal from the major.

## THE MAJOR: 12 COURSES

Students must declare the major before reaching 160 units (not including AP units).

Five upper division mathematics courses chosen from:  
MATH 106–199, STATS 100A–102C

	Quarter	Grade		Quarter	Grade
MATH 115A <sup>+</sup>	_____	_____	1.	_____	_____
MATH 131A <sup>+</sup>	_____	_____	2.	_____	_____
MATH 110A	_____	_____	3.	_____	_____
MATH 110B	_____	_____	4.	_____	_____
MATH 120A	_____	_____	5.	_____	_____
MATH 131B	_____	_____			
MATH 132	_____	_____			

<sup>+</sup>Students must pass this course with a “C-” or better. It is strongly recommended that students take MATH 115A as one of their first upper division courses before MATH 131A.

All required courses for the major must be at least 4.0 units and taken for a letter grade, unless the class is a supplement to a larger course (e.g. a required lab).

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