

# MATHEMATICS FOR TEACHING B.S.

## PRE-MAJOR: 11 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*	_____	_____	CHEM 20A	_____	_____
MATH 31B*	_____	_____	CHEM 20B	_____	_____
MATH 32A*	_____	_____	PHYSICS 1B <b>or</b> 5B	_____	_____
MATH 32B*	_____	_____	PHYSICS 1C <b>or</b> 5C	_____	_____
MATH 33A*	_____	_____	PIC 10B–97	_____	_____
MATH 33B*	_____	_____			
MATH 61	_____	_____			
PHYSICS 1A <b>or</b> 5A	_____	_____			
PIC 10A	_____	_____			

\*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: 13 COURSES

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

	Quarter	Grade		Quarter	Grade
MATH 115A <sup>+</sup>	_____	_____	<b>Mathematics Analysis</b>		
MATH 131A <sup>+</sup>	_____	_____	<b>One</b> course chosen from MATH 131B–136		
MATH 105A	_____	_____	1. _____		
MATH 105B	_____	_____	<b>Applied Mathematics</b>		
MATH 105C	_____	_____	<b>One</b> course chosen from MATH 142–168		
MATH 106	_____	_____	1. _____		
MATH 117	_____	_____	<b>Upper Division Mathematics</b>		
<b>or</b> MATH 110A	_____	_____	<b>One</b> course chosen from MATH 110B–191 or STATS 100C		
MATH 123	_____	_____	1. _____		
<b>or</b> MATH 120A	_____	_____			
MATH 170A	_____	_____			
<b>or</b> STATS 100A	_____	_____			
STATS 100B	_____	_____			

In order to receive a 100% CSET waiver from UCLA, students must have “C-” or better in the following courses and an upper division GPA of 2.0 or higher: MATH 117 or MATH 110A, MATH 123 or MATH 120A, MATH 131A, MATH 105A, MATH 105B, and MATH 105C.

[curtiscenter.math.ucla.edu/students/undergraduates](http://curtiscenter.math.ucla.edu/students/undergraduates)

\*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).

[catalog.registrar.ucla.edu](http://catalog.registrar.ucla.edu)