

MATHEMATICS FOR TEACHING B.S.

PRE-MAJOR (11 COURSES)

REQUIRED TO DECLARE	MATH	☐ MATH 31A or 31AL ☐ MATH 31B ☐ MATH 32A ☐ MATH 32B ☐ MATH 33A ☐ MATH 33B	Completion of all sequenced mathematics courses are required to declare the major. Complete sequenced mathematics courses with a 2.5 grade point average and a grade of "C" or better in each course. Repetition of more than two courses, or of any course in this section more than once, results in automatic dismissal from the major.
ADDITIONAL		☐ MATH 61 ☐ PHYSICS 1A or 5A ☐ PIC 10A Two courses from: ☐ CHEM 20A ☐ PHYSICS 1C or 5C ☐ CHEM 20B ☐ PIC 10B–97 ☐ PHYSICS 1B or 5B	Additional lower division courses in must be completed with a 2.0 grade point average and a grade of "C-" or better in each course.

MAJOR (13 COURSES)

☐ MATH 115A ⁺ ☐ MATH 105C ☐ MATH 131A ⁺ ☐ MATH 106 ☐ MATH 105A ☐ MATH 117 or 120A ☐ MATH 105B ☐ MATH 123 or 120A ☐ MATH 170E or STATS 100A or MATH 170A ☐ MATH 170S or STATS 100B One mathematics analysis course from MATH 131B–136: ☐ _____ One applied mathematics course from MATH 142–168: ☐ _____ One upper division elective from MATH 110B–191 or STATS 100C: ☐ _____	⁺Students must pass this course with a letter grade of C- or better. Students are strongly recommended to complete MATH 115A as one of their first upper division courses before MATH 131A. Courses not marked with a plus sign (+) can be completed with a minimum letter grade of D-. However, low grades need to be balanced out with higher grades in order to attain a minimum grade point average of 2.0 to graduate. Upper division major courses must 1. Be worth 4.0 units (unless they are supplementary to main courses like labs), 2. Be completed with letter grades, 3. Cumulate to a minimum grade point average of 2.0.
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REQUIRED TO GRADUATE

- ☐ Complete all courses with the required GPA and letter grades stated in boxes above by Degree Expected Term.
- ☐ Complete all [General Education requirements](#) by [Degree Expected Term](#).