

**COURSES REQUIRED TO DEMONSTRATE SUBJECT
MATTER COMPETENCE IN MATHEMATICS (CSET WAIVER)
FOR SINGLE SUBJECT CREDENTIAL**

MAT 1140	CALCULUS I	4 UNITS
MAT 1150	CALCULUS II	4 UNITS
MAT 2010/L	INTRODUCTION TO COMPUTATIONAL METHODS	3 UNITS
MAT 2250	LINEAR ALGEBRA WITH APP TO DIFFERENTIAL EQUATIONS	4 UNITS
MAT 2140	CALCULUS III	4 UNITS
MAT 3060	HISTORY OF MATHEMATICS	3 UNITS
MAT 3100	INTRODUCTION TO MATHEMATICAL PROOF	4 UNITS
MAT 3140	INTRODUCTION TO REAL ANALYSIS I	4 UNITS
MAT 3250	INTRODUCTION TO THE THEORY OF NUMBERS	3 UNITS
MAT 3300	MODERN EUCLIDEAN GEOMETRY	4 UNITS
MAT 3310	MODERN GEOMETRY	3 UNITS
MAT 4170	INTRODUCTION TO ABSTRACT ALGEBRA I	4 UNITS
MAT 4950	TEACHING MATHEMATICS IN SECONDARY SCHOOLS I	4 UNITS
MAT 4960	TEACHING MATHEMATICS IN SECONDARY SCHOOLS II	4 UNITS
STA 2100	INTRODUCTION TO STATISTICS	4 UNITS
STA 2200	INTRODUCTION TO PROBABILITY	3 UNITS

TOTAL UNITS: 59

The Candidate must maintain an overall GPA of 2.75 in Subject Matter Preparation Coursework. Grades lower than a “C” will not be honored.

*This plan is intended to be a guide only.
It should not replace consultation with a mathematics advisor.*

09/01/22

**COURSES REQUIRED TO DEMONSTRATE SUBJECT
MATTER COMPETENCE IN MATHEMATICS THROUGH A
COMBINATION OF COURSEWORK AND CSETS FOR SINGLE
SUBJECT CREDENTIAL**

CSET 1: NUMBERS AND QUANTITY, ALGEBRA

MAT 4170	INTRODUCTION TO ABSTRACT ALGEBRA I	4 UNITS
MAT 3250	INTRODUCTION TO THE THEORY OF NUMBERS	3 UNITS

MAT 2240	ELEMENTARY LINEAR ALGEBRA AND DIFF EQUATIONS	
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OR

MAT 2250	LINEAR ALGEBRA WITH APPLICATIONS TO DIFF EQUATIONS	
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OR

MAT 4190	ADVANCED LINEAR ALGEBRA	4 UNITS
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CSET 2: GEOMETRY, PROBABILITY AND STATISTICS

MAT 3300	MODERN EUCLIDEAN GEOMETRY	4 UNITS
MAT 3310	MODERN GEOMETRY	3 UNITS
STA 2100	INTRODUCTION TO STATISTICS	4 UNITS
STA 2200	INTRODUCTION TO PROBABILITY	3 UNITS

CSET 3: CALCULUS

MAT 1140	CALCULUS I	4 UNITS
MAT 1150	CALCULUS II	4 UNITS
MAT 2140	CALCULUS III	4 UNITS

MAT 2240	ELEMENTARY LINEAR ALGEBRA AND DIFF EQUATIONS	
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OR

MAT 2250	LINEAR ALGEBRA WITH APPLICATIONS TO DIFF EQUATIONS	4 UNITS
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The Candidate must complete all courses in a subsection to waive the corresponding CSET Subtest. Courses must be completed with a C- or better.

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