

MATHEMATICS MINOR FOR K-8 TEACHERS

PROGRAM REQUIREMENTS

This minor has been designed for prospective elementary school teachers. Completion of the required courses will strengthen the ability to teach mathematics at the K-8th grade level. Questions regarding the requirements for teaching mathematics at the middle school level should be directed to a credential advisor in the math department.

The courses required for the minor are as follows:

Math 12.....	Number Systems
Math 101.....	Problem Solving for Teachers
Math 105.....	Concepts in Mathematics, Probability, & Statistics
Math 106.....	Intuitive Geometry
Math 107A.....	Explorations in Algebra
Math 107B.....	Explorations in Geometry

Total Units.....18 semester units

A Calculus Course may be substituted for one of the courses with departmental approval. Certain Math 196 courses may also be substituted. For approval of course substitutions, consult with Dr. Marilyn Blockus at (408)924-5115.

A **C** average or better is required in the minor. A **C-** or better is required for each individual course.

A minimum of 3 units of upper division mathematics must be completed at SJSU.

The minor must contain at least 12 units that are distinct from the major. These courses must be listed on the minor form, but will not appear as required courses on the major form. Courses that are listed on the major form as “support courses” or “courses in preparation for the major” will count in the minor as distinct from the major. (Courses that are in support of or in preparation for the major are considered to be in a different category than courses that are required for the major). If a major form lists Math 12, 105, and 106 as required courses, then an additional math or statistics course will be needed to obtain the required 12 units in the minor that are distinct from the major.

Minors are only granted to baccalaureate students. Students in a graduate program or credential program cannot obtain a minor.