

MIDDLE SCHOOL OPTION: MATHEMATICS

**INTRODUCTORY SUBJECT MATTER AUTHORIZATION IN MATHEMATICS
(added to your multiple subject credential)**

For students in the LIBERAL STUDIES SPECIALIZATION IN MATHEMATICS (AY 2009)

If you would like to teach math at the middle school level, as well as multiple subjects at the elementary level, in addition to a multiple subjects credential, you will need a total of 32 units of math course work, with at least 3 units in the specific content areas as described below. The additional courses you complete to satisfy the requirements for the middle school authorization can be used as elective units for graduation (if necessary).

REQUIREMENTS:

Minimum of 32 total units; at least 3 units in each content area; grade of C or higher required.
(units can also count towards requirements in the major* and/or specialization^)

Content Areas: (at least 3 units in each area)

- | | | | |
|---|--|----|-----------|
| 1. Algebra | Math 141^ | or | Math 150^ |
| and | and | | and |
| 2. Advanced algebra | Math 150^ | | Math 151 |
| 3. Geometry | Math 211*, 302^ | | |
| 4. Probability or statistics | Statistics 250 or 119, Psychology 270, Sociology 201 | | |
| 5. Real number system or
Introduction to Mathematics | Math 210*
Math 303^ | | |

Additional prerequisites for some courses may be required. See catalog description for each course.

Courses in major	Courses in Specialization	Additional Possibilities
Math 210 (3)	Math 150 (4-5)	Math 141 (3) (not allowed after Math 150)
Math 211 (3)	Math 302 (or 303) (3)	Math 151 (4)
Math Ed 212 (1.5)	Math 413 (3)	Math 303 (or 302) (3)
Math 311 (2) or 312 (3)		Statistics (3)
Math 313 (3) or 315 (2)		Math 241 (1)
		Math 120 (3)
Total: 11.5- 13.5	Total: 10-11	Total: 10 - 11 units needed

Your total: _____

Overall total: _____

NOTE: If you apply for the subject matter authorization at the time you apply for your credential, all the paperwork is handled through the SDSU Credential Office. If you apply later, you do it through the Commission on Teacher Credentialing, and there is an extra fee.

Middle School Math Worksheet

LS courses/units	Math specialization courses/units	Additional courses/units
Math 210 _____	Math 150 _____	Math 141 _____
MathEd 212 _____	Math 302/303 _____	Stats: _____
Math 211 _____	Math 413 _____	Math 303/302 _____
Math 311/312 _____		Math 151 _____
Math 313/315 _____		Math 120 _____
		Math 241 _____
		other: _____
		other: _____
TOTAL (A): _____	TOTAL (B): _____	TOTAL (C): _____

Grand total of TOTALS (A) (B) and (C) _____ (need 32)

Class used for content area 1: _____

Class used for content area 2: _____

Class used for content area 3: _____

Class used for content area 4: _____

Class used for content area 5: _____