

San Diego State University
Department of Mathematics and Statistics
**Bachelor of Arts in
MATHEMATICS**

Advisors: Dr. Carmelo Interlando, interlan@mail.sdsu.edu, 619-594-7237, GMCS 581
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The purpose of this outline is to give math students some information associated with the major. This is not intended to replace the adviser. Students should see the appropriate adviser as soon as they are ready to plan their upper divisional programs. THE SELECTION OF THE UPPER DIVISION WORK MUST BE APPROVED BY THE ADVISER.

Preparation for the Major: Mathematics 150,151, 245, 254

Additional lower division coursework required: Computer Science 107 or Mathematics 242, Mathematics 252, Statistics 250.

Recommended: Physics 195, 195L, 196, 196L, 197, 197L

Major: A minimum of 27 upper division units, selected with the approval of the departmental adviser before starting upper division work, to include Mathematics 337, 521A, 524, 534A; at least one course selected from Mathematics 521B, 531, 534B, 537,538, 542, 543, Statistics 551B or 670, and 12 units of electives excluding Mathematics 302, 311, 312, 313, 315, 413, 414, and 509. At most 3 units can be selected from Mathematics 303 and 510. Electives are subject to the student's special interests and the approval of the adviser.

Other: Each semester the Department offers a variety of courses under the title Math 596. Students are encouraged to consider these courses in planning their programs, but should consult with the adviser.

Recommended Courses

The following program is recommended for students planning to do graduate work in mathematics:

In Analysis:	Math 534A, 534B, 532
In Algebra:	Math 521A, 521B, 524
In Logic:	Math 523

The student must complete an outline for the major and file a copy signed by the advisor with the Evaluations Office and the Department of Mathematics and Statistics.