

San Diego State University  
Department of Mathematics and Statistics  
Advising Information  
**B.S. APPLIED MATHEMATICS**  
**Emphasis in Computational Science**

**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. It is not intended to replace the advisor. Students should see their advisor as soon as they are ready to plan their upper divisional program.

**Upper Division Writing Requirement**

Passing the University Writing Examination or completing one of the approved writing courses with a grade of C (2.0) or better.

**Preparation for the Major:** Mathematics 150, 151, 245, 254.  
Additional lower division coursework required: Mathematics 252, Computer Science 107, 108, Statistics 250.

**Major:** A minimum of 39 upper division units to include Computer Science 310, Mathematics 337, 521A, 534A, 524 or 543, 541, at least 9 units selected from Computational Science 526, 536, Computer Science 503, 558, Mathematics 336, 525, 532, 537, 542, 543, 544, 3 units of Mathematics 499 and 9 units of electives in Math, CS, or Statistics excluding M 302; M 303; M 312; M 313; M 413, M 414; M 342A; M 342B; M 509; M 510; Stat 357.

Students must see their advisor and be accepted into the major prior to enrolling in upper division course work. The selection of the upper division work must be approved by the adviser.

Students must complete an outline for major and file a copy, signed by their advisor, with the Evaluations Office and the Mathematics and Statistics Department Office, and retain a copy for their own records.