

San Diego State University
Department of Mathematics and Statistics
Advising Information
B.S. APPLIED MATHEMATICS
Emphasis in Mathematical Finance

Advisor: Dr. Paul Brock <pwbrock@sciences.sdsu.edu> Tel: 594-6835 Room GMCS-510

This outline is presented to give math students some information associated with the major in Applied Mathematics with an Emphasis in a Science. It is not intended to replace the advisor. Students should see their adviser as soon as they are ready to plan their upper divisional program. THE SELECTION OF THE UPPER DIVISION WORK MUST BE APPROVED BY THE ADVISOR.

The purpose of this major is to allow students to work in the field of Financial Mathematics. A minor is not required with this major.

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:

CS 107; M 150; M 151; M 241; M 245; M 252; M254; Statistics 119 or 250; Accountancy 201; Economics 101; Economics 102. (35 units)

Required Courses:

A minimum of 39 upper division units to include:

- M 337, M 524, M 562, M 531, M 544, M 580, M 581, Statistics 550 or 551A, Statistics 551B or 570, Finance 323, Finance 326 or Economics 490, Finance 327, Finance 329 or Finance 421

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 keep a copy for their own records.

San Diego State University
 Department of Mathematical and Computer Sciences
B.S. APPLIED MATHEMATICS - Emphasis in Mathematical Finance
Major Outline

Proposed Date
of Graduation _____

NAME _____
(Last, First)

Red Id # _____

		Units	Institution where taken (specify course # if not SDSU)	Check here if completed	Course to be completed (specify semester)
<u>LOWER DIVISION</u>					
CS	107	3	_____	_____	_____
Mathematics	150	5	_____	_____	_____
Mathematics	151	4	_____	_____	_____
Mathematics	241	1	_____	_____	_____
Mathematics	245	3	_____	_____	_____
Mathematics	252	4	_____	_____	_____
Mathematics	254	3	_____	_____	_____
Accountancy	201	3	_____	_____	_____
Economics	101	3	_____	_____	_____
Economics	102	3	_____	_____	_____
Statistics	250	3	_____	_____	_____
<u>UPPER DIVISION</u>					
Mathematics	337	3	_____	_____	_____
Mathematics	524	3	_____	_____	_____
Mathematics	562	3	_____	_____	_____
Mathematics	531	3	_____	_____	_____
Mathematics	544	3	_____	_____	_____
Mathematics	580	3	_____	_____	_____
Mathematics	581	3	_____	_____	_____
Statistics	550 or 551A	3	_____	_____	_____
Statistics	570 or 551B	3	_____	_____	_____
Finance	323	3	_____	_____	_____
Finance	326 or Econ 490	3	_____	_____	_____
Finance	327	3	_____	_____	_____
Finance	329 or 421	3	_____	_____	_____

APPROVED: _____
Department Advisor

_____ Date

One copy of this form is to be filed in the Evaluations Office, another should be filed with the Mathematics and Statistics Department Office, and the third should be retained by the student.