

CALIFORNIA STATE UNIVERSITY, LONG BEACH

Department of Mathematics and Statistics

BACHELOR OF SCIENCE IN MATHEMATICS (Code MATHBS01)

This degree offers maximal choice of electives which can be chosen to prepare for a variety of careers and/or graduate study in Mathematics. The requirements are as follows:

1. Lower Division:

MATH 122, 123, 224, 233, 247; CECS 174; ENGL 101 *or* 317; PHYS 151.

2. Upper Division:

MATH 341 *or* 347; 361A, 361B, 364A, 380, 444,

and 12 additional upper-division MATH or STAT units *excluding*

MATH 303I, 370A, 370B or 409.

3. A total of 120 units including 40 upper division units.

4. Fulfill General Education requirements. Note that you may use MATH 122 or 123 to satisfy General Education requirement B.2.

5. Attain at least a 2.0 GPA in

A. All courses taken

B. All courses taken at CSULB

C. All courses in the major

D. All upper division courses in the major taken at CSULB

6. Pass the Graduate Writing Assessment Requirement (GWAR). You must attempt the Writing Proficiency Exam (WPE) by the end of the semester during which you earn 65 or more units and before filing for a Grad Check. See the *CSULB Catalog* for more information.

7. Have degree objective/major code MATHBS01. (If you wish to change your code, see an advisor. It may be possible for Dr. Merryfield to do this electronically.)
8. File a "Program Planner", which has been signed by your Mathematics advisor. This must be done before filing for a Grad Check. See your advisor to obtain this.
9. File for a Grad Check. This should be done by the preceding **October 15** if graduating at the end of the Spring semester or Summer session, and by the preceding **March 15** if graduating at the end of the Fall semester.

Mathematics Advisors: Murray, Merryfield.

CR/NC: No upper division course used to satisfy major requirements, except English 317, and no course in the Department of Mathematics may be taken CR/NC.

Single Subject Teaching Credential: Students in this major planning to enter the CSULB Teaching Credential program should select MATH 341 rather than 347, take EDSS 300M as an "Elective" in the Junior year, choose as the four "Math Elective" courses MATH 310, 355, 410, and STAT 381, and take MTED 411 as an "Elective" in the Senior year.

Minor in another discipline: The "Elective" units allow space for many minors in many other disciplines. Students contemplating a minor should begin planning early.

Checking your status: It is a good idea to check with your Mathematics Advisor each semester before enrolling for the next. Your advisor can review your progress, make suggestions, and help you estimate how long it will take you to finish your degree.