Prerequisites Worksheet for
MS in Applied Statistics (code MATHMS05)

Please indicate on the line beneath each course the course or courses from your transcript that you feel are equivalent to each prerequisite. You need not have satisfied all requirements in order to be admitted conditionally as a graduate student. If conditionally admitted, you may clear up one course deficiency (specifically STAT 381) by taking the necessary course at CSULB; this course will not count as part of the 30 units required for the MS degree. If you have to take more than 1 prerequisite course, you can take them through what is called open university at CSULB (or another campus) and then apply when you are ready.

1. MATH 122, 123, 224. Calculus 1, 2, and 3.
   Calc 1 Course: _______________ Where taken: ____________________ Grade:_______
   Calc 2 Course: _______________ Where taken: ____________________ Grade:_______
   Calc 3 Course: _______________ Where taken: ____________________ Grade:_______

2. MATH 247. Introduction to Linear Algebra.
   Prerequisites: Prerequisite or corequisite: MATH 224 (Calculus 3). Matrix algebra, solution of systems of equations, determinants, vector spaces including function spaces, inner product spaces, linear transformations, eigenvalues, eigenvectors, quadratic forms and applications. Emphasis on computational methods.
   Course: __________________Where taken: ____________________ Grade:_______

***IF YOU HAVE NOT TAKEN CALCULUS, THEN YOU HAVE NOT TAKEN THE COURSES BELOW***

3. MATH/STAT 380. Probability and Statistics (Calculus based)
   Course: __________________Where taken: ____________________ Grade:_______
   Link to Catalog Description:_________________________________

4. STAT 381. Mathematical Statistics (Calculus based)
   Course: __________________Where taken: ____________________ Grade:_______
   Link to Catalog Description:_________________________________

5. Your name: ________________________________________________