Mathematics and Statistics Department California State University, Long Beach www.csulb.edu/math

PREREQUISITE WORKSHEET FOR MASTERS IN APPLIED STATISTICS

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 M.S. 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. Fill out the form below and email it to graduate advisor listed on Applied Statistics Graduate Program.

1. MATH 122, 123, 2	24. Calculus 1, 2, and 3		
Calc 1 Course:	Where taken:	Year:	Grade:
Calc 2 Course:	Where taken:	Year:	Grade:
Calc 3 Course:	Where taken:	Year:	Grade:
Prerequisite or cored	luction to Linear Algebra quisite: MATH 224 (Calculus 3). Matrix algeb r spaces including function spaces, inner pro	· ·	
eigenvalues, eigenve	ectors, quadratic forms and applications. En	nphasis on computational met	thods.
Course:	Where taken:	Year:	Grade:
Prerequisites: MATH probability and comb	Probability and Statistics (calculus based) 222 or 224. Frequency interpretation of proinatorics. Random variables. Distribution and statements. Sampling theory and limit theorems.	•	
	Where taken:	Year:	Grade:
	ription:		
Prerequisites: MATH moments estimation	matical Statistics (calculus based) 247 and 380. Estimation and hypothesis te Efficiency, unbiasedness, and asymptotic f-fit tests. Correlation, and regression. Expends.	distribution of estimators. Ne	yman-Pearson
Course:	Where taken:	Year:	Grade:
Link to Catalog Descr	ription:		
If you do not have a email address.	link to course descriptions for courses 3 and	d 4, please attach syllabi, or p	rovide instructor's
5. Your Name:	E-M	ail:	