

DATA THEORY B.S.

PRE-MAJOR: 11 COURSES

Students can declare the pre-major at any time while in good academic standing.

	Quarter	Grade		Quarter	Grade	
MATH 31A*	_____	_____	One course from the following: STATS 10-15			
MATH 31B*	_____	_____		1. _____	_____	_____
MATH 32A*	_____	_____		STATS 20*	_____	_____
MATH 32B*	_____	_____		STATS 21*	_____	_____
MATH 33A*	_____	_____		PIC 10A*	_____	_____
MATH 42*	_____	_____				
MATH 115A*	_____	_____				

*All preparation courses must be completed with a minimum overall **3.3** grade-point average and a grade of “C” or better in each course by the end of fall quarter of Year 3. Repetition of more than two courses more than once, results in automatic dismissal from the major.

THE MAJOR: 16 COURSES

Students must declare the major before reaching 160 units (not including AP units). *Other restrictions apply, please see the General Catalog for more information.*

	Quarter	Grade		Quarter	Grade
MATH 131A ⁺	_____	_____	STATS 101A	_____	_____
MATH 118	_____	_____	STATS 101C	_____	_____
MATH 156	_____	_____	STATS 102A	_____	_____
			STATS 102B	_____	_____
			STATS 147	_____	_____
			STATS 184	_____	_____
One 2-quarter sequence of Probability and Statistics					
A. Intro to Probability and Statistics					
MATH 170E	_____	_____	One statistics elective from STATS 100C, 101B, 102C, C151-199:		
MATH 170S	_____	_____		1. _____	_____
or					
B. Intro to Probability and Mathematical Statistics					
STATS 100A	_____	_____			
STATS 100B	_____	_____			
One mathematics elective from: MATH 151A, 151B, 164, 168, 171, 174E, 178A, 178B, 178C, 179, 182:			Two additional electives from the mathematics and/or statistics electives listed before:		
1. _____	_____	_____	1. _____	_____	_____
			2. _____	_____	_____

One capstone course: MATH M148 **or** STATS M148 (to be taken in the final year):

1. _____

⁺Students must pass this course with a “C-” or better. It is strongly recommended that students take MATH 115A as one of their first upper division courses before MATH 131A.

All required courses for the major must be at least 4.0 units and taken for a letter grade, unless the class is a supplement to a larger course (e.g. a required lab).

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