

MATHEMATICS/APPLIED SCIENCE B.S. MEDICAL AND LIFE SCIENCE PLAN

PRE-MAJOR: 19 COURSES

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

	Quarter	Grade		Quarter	Grade
MATH 31A*	_____	_____	CHEM 20A	_____	_____
MATH 31B*	_____	_____	CHEM 20B	_____	_____
MATH 32A*	_____	_____	CHEM 20L	_____	_____
MATH 32B*	_____	_____	CHEM 30A	_____	_____
MATH 33A*	_____	_____	CHEM 30AL	_____	_____
MATH 33B*	_____	_____	LIFESCI 7A	_____	_____
MATH 11 or 61*	_____	_____	LIFESCI 7B	_____	_____
PIC 10A	_____	_____	LIFESCI 7C	_____	_____
PHYSICS 1A	_____	_____	LIFESCI 23L	_____	_____
PHYSICS 1B	_____	_____			

*The mathematics sequenced courses are calculated separately from the other preparation for the major courses and must be completed with a minimum overall 2.5 grade-point average and a grade of "C" or better in each course. Repetition of more than two mathematics sequenced courses, or of any mathematics sequenced course more than once, results in automatic dismissal from the major.

THE MAJOR: 13 COURSES

Students must declare the major before reaching 160 units (not including AP).

	Quarter	Grade	Six upper division outside science courses ¹ :	Quarter	Grade
MATH 115A ⁺	_____	_____	PHYSCI M180A	_____	_____
MATH 131A ⁺	_____	_____	PHYSCI M180B	_____	_____
MATH 134	_____	_____	PHYSCI M180C	_____	_____
MATH 151A	_____	_____	Same as MCDB M175A-M175B-M175C, Neuroscience M101A-M101B-M101C, and Psychology M117A-M117B-M117C		
MATH 170A	_____	_____			
MATH 170B	_____	_____			
One upper division mathematics course chosen from: MATH 110A-199, STATS 100B-101C			Three upper division courses from the following ¹ :		
1. _____			BIOMATH 160	_____	_____
			BIOSTAT 100A	_____	_____
			CHEM CM160A	_____	_____
			COM SCI CM186	_____	_____
			EEB C119A	_____	_____
			EEB 133	_____	_____
			EEB C135	_____	_____
			LIFESCI 107	_____	_____
			PHYSCI 100	_____	_____
			PHYSCI 135	_____	_____

⁺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.

¹Students can petition with the mathematics department for other courses not on this list to fulfill the major requirements.

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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