

APPLIED MATHEMATICS MINOR

Natural Sciences, Mathematics, and Engineering (nsme) (<https://catalog.csub.edu/general-information/csub-information/school-natural-sciences-mathematics-engineering/>)

Department of Mathematics

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Program Webpage (<http://www.csub.edu/math/>)

Program Maps for Natural Sciences, Mathematics, and Engineering (<https://programmmap.csub.edu/academics/interest-clusters/4e942a6e-b8e4-4b60-a1ae-334235acc581/>)

Requirements for the Minor in Applied Mathematics

Although no minor is required for the BS degree in Mathematics, a minor in Applied Mathematics is available.

Code	Title	Units
Select 15 units, of which 8 units must be upper division, from the following list:¹		
<i>Lower Division</i>		
MATH 2020	Calculus for Biological & Chemical Sciences II	
MATH 2320	Single Variable Calculus II for Engineers	
MATH 2520	Single Variable Calculus II	
MATH 2533	Multivariable and Vector Calculus	
MATH 2540	Ordinary Differential Equations	
MATH 2610	Linear Algebra I	
<i>Upper Division</i>		
MATH 3200	Probability Theory	
MATH 3300	Numerical Analysis	
MATH 3500	Complex Variables	
MATH 4500	Partial Differential Equations	
Total Units		15

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- Only one of these courses can also be counted towards the student's major.
 - A minimum of 8 upper division units must be completed at California State University, Bakersfield.