

APPLIED MATHEMATICS, MINOR

An applied mathematics minor from Saint Louis University is highly customizable and fits well with most engineering degrees and other STEM programs.

Requirements

Students must complete a minimum total of **24 credits** for the minor.

Code	Title	Credits
Required Courses		
MATH 1520	Calculus II	4
MATH 2530	Calculus III	4
Elective Courses		
Select four of the following:		12
MATH 3110 or MATH 3120	Applied Linear Algebra ¹ Introduction to Linear Algebra	
MATH 3240	Numerical Analysis	
MATH 3270	Advanced Mathematics for Engineers	
MATH 3550	Differential Equations	
MATH 3600	Combinatorics	
MATH 3800 or STAT 3850	Elementary Theory of Probability ² Foundation of Statistics	
MATH 4310	Introduction to Complex Variables	
MATH 4320	Complex Variables II	
MATH 4550	Nonlinear Dynamics and Chaos	
MATH 4570	Partial Differential Equations	
MATH 4800	Probability Theory	
STAT 4840	Time Series	
STAT 4870	Applied Regression	
Total Credits		20

¹ Credit cannot be earned for both MATH 3110 Applied Linear Algebra (3 cr) and MATH 3120 Introduction to Linear Algebra (3 cr).

² Credit cannot be earned for only MATH 3800 Elementary Theory of Probability (3 cr) or STAT 3850 Foundation of Statistics (3 cr).

Continuation Standards

Students must have a minimum of a 2.00 cumulative GPA in their mathematics minor courses by the conclusion of their sophomore year, must maintain a minimum of 2.00 cumulative GPA in these courses at the conclusion of each semester thereafter, and must be registered in at least one course counting toward their major or minor in each academic year (until all requirements are completed).

Madrid

Students can complete all or part of the applied mathematics minor at SLU-Madrid.

Contact Us

For additional information about this program, please contact mathstat@slu.edu or call 314-977-2444.