

## PROGRAM OVERVIEW

Mid-America Christian University's **Bachelor of Science in Mathematics** offers a robust foundation for students passionate about numbers and problem-solving. This on-campus program delves into essential mathematical disciplines, including geometry, calculus, linear and abstract algebra, statistics, differential equations, and mathematical modeling. Graduates are well-prepared to tackle complex challenges across various industries, leveraging their analytical skills to make impactful contributions.

## UNIVERSITY CORE (46 hrs.)

Specific courses within the University Core are listed in the University catalog, located at [catalog.macu.edu](http://catalog.macu.edu).

Bible/Theology (12 hrs.)  
Communication (9 hrs.)  
U.S. History and Government (6 hrs.)  
Science (6 hrs. plus 1 hr. of lab)  
Math (3 hrs.)  
Social Sciences (3hrs.)  
Humanities (6 hrs.)

## ELECTIVES (25 hrs.)

For a list of recommended electives, please refer to the University catalog, located at [catalog.macu.edu](http://catalog.macu.edu).



## MAJOR CORE (51 hrs.)

**MATH 2114** Calculus I and Analytic Geometry  
**MATH 2214** Calculus II  
**MATH 2313** Calculus III  
**MATH 3103** Linear Algebra  
**MATH 3403** Discrete Math  
**MATH 3703** Introduction to Statistics  
**MATH 4113** Mathematical Modeling  
**MATH 4203** Mathematical Statistics  
**CMSC 1203** Foundations of Programming  
**MATH 1303** Plane Trigonometry  
**MATH 3303** History of Math  
**MATH 4003** College Geometry I  
**MATH 4013** Differential Equations  
**MATH 4103** Abstract Algebra  
**MATH 4303** College Geometry II  
**PHYS 1134/2104** General Physics I(with Lab)/Physics I(with Lab)

**TOTAL REQUIRED HOURS: 122**

Interested in learning more? *Contact us today!*

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