



START YOUR JOURNEY

MASTER OF SCIENCE

APPLIED MATHEMATICS

CALIFORNIA BAPTIST UNIVERSITY
GRADUATE SCHOOL



CBU's Master of Science in Applied Mathematics program is tailored for students who wish to apply mathematical techniques to solve new problems in a rapidly changing world.

Through advanced coursework and research, students will apply mathematical skills that are in high demand. These skills are used to formulate diverse mathematical models for practical application in a wide variety of fields.

MASTER OF SCIENCE

APPLIED MATHEMATICS

Why our program?

Innovation through mathematical problem solving is needed in every field imaginable. CBU's Master of Science in Applied Mathematics curriculum is designed to help students identify challenging real-world problems in fields like business, engineering and healthcare, and formulate a mathematical model that effectively addresses the problems while using models to obtain real-world solutions.

Join a growing field

There are new mathematical needs emerging in science, engineering and technology. Additionally, employment for mathematicians is projected to grow 33 percent from 2016 to 2026, according to the Bureau of Labor Statistics.

Integrate faith and learning

The program integrates a faith-based perspective into a foundation of mathematical theory and concepts. The main course sequence focuses on the topics of differential equations, complex and numerical analysis, scientific computing and linear programming, applied statistics and math biology.

Research and present findings

Students will also be able to communicate the results of their research and application through reports and presentations. With these skills, graduates will be able to significantly contribute to a competitive workforce or pursue a PhD program in applied mathematics or a related field.

Quick Look

Program Cost

\$21,175 + fees

Program Length

32 units: 2 years / 4 semesters, part-time

Program Starts

Fall (September), Spring (January)

Priority Application Deadlines

May 15 (Fall), November 1 (Spring)

Application Deadlines

August 1 (Fall), December 1 (Spring)

Program Format

Classes offered Monday-Friday, late afternoons and evenings.

Accreditation

Western Association of Schools and Colleges (WASC)

Applicant Criteria

- Bachelor's degree
- GPA: minimum 3.0 unconditional, 2.75 conditional
- Comprehensive essay
- Two recommendations
- Interview
- Prerequisites

Graduates Will

Have the ability to solve industry-related problems and apply mathematics and curriculum knowledge in other fields.

Be able to recognize when scientific or numerical computation is necessary and solve a problem using computations and modern mathematical tools.

Know how to critically analyze reasoned results from course or research projects and communicate findings in the form of reports, papers and presentations.



About the Division of Natural and Mathematical Sciences

The Division of Natural and Mathematical Sciences is committed to preparing students for careers in mathematics and science, and our new facilities and instruments allow us to do that even better than before. Our students are successfully transitioning into professional or graduate school, into the classroom as teachers, or directly into the workforce in a variety of careers.

Our diverse, highly qualified and caring faculty are also interested in helping to develop the whole person so that our students will leave CBU as Christian scholars who can make a positive impact in the world.

What you can expect from your CBU experience

Faculty dedicated to God's glory and your success

Graduate courses are taught by accomplished, Christian faculty who are dedicated to helping you succeed in the classroom and beyond.

Small classes that welcome big ideas

You will have plenty of opportunities to get to know your professors in classes that encourage interaction, networking and collaboration with classmates who share your focus.

Outstanding service from start to finish

CBU Admissions, Financial Aid, Academic Advising and the Career Center will help you stay on course all the way to graduation and leverage the value of your degree afterward.

Graduate on time

CBU's programs and class schedules are designed to ensure you get into the classes you need to graduate on time.

Campus Resources

Students benefit from a variety of on-campus amenities including multiple dining options, the Office of Student Success, Career Center, Counseling Center and our three-story Recreation Center.

Beautiful campus in a convenient location

CBU's beautiful 160-acre campus features contemporary architecture and is nestled in the heart of Riverside's historic Magnolia Avenue district. CBU is just minutes away from downtown landmarks, restaurants, theaters and cafés.





CBU

College of Arts and Sciences

LIVE YOUR PURPOSE[®]

For more information visit:

calbaptist.edu/msam

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