



Rivier

UNIVERSITY

B.A.

Mathematics

Prepare to reason and problem-solve by the numbers.

Why Study at Rivier?

Whether it's business, law, education, medicine, government, or academia, our B.A. in Mathematics will prepare you for the career of your choice.

Build Your Knowledge Base

Rivier's Mathematics program will help you develop the problem-solving, quantitative, and analytical skills that are critical for 21st-century employment and leadership. Advancements in science and technology, data capture, and modeling have increased the demand for math majors in nearly every industry.

Gain Real-World Experience

In addition to co-curricular experiences, you will have the opportunity to participate in internships and service-learning projects that will take you out of the classroom and into the world. You will gain real-world, resume-building experience, and begin to develop your professional network. Study abroad opportunities, clubs, and co-curricular events also offer learning and leadership experiences.

Begin Your Career

Mathematics graduates may pursue careers as:

- Mathematicians, actuaries, and statisticians
- Computer and systems analysts
- Math teachers and professors
- Financial planners and advisors

Advanced Degrees

Rivier offers a Mathematics/Computer Science 4+1 program, enabling you to earn a bachelor's and master's degree in five years. Additionally, you'll be well prepared for graduate studies in Rivier's M.A. in Teaching Mathematics.



36,000 sq. ft.
cutting-edge
Science &
Innovation
Center



88 years
of educational
excellence



100%
of students receive
financial aid



95%
of students
complete
internships, field
experiences, or
service learning
programs



Apply Today

Apply online using the Common App or directly at apply.rivier.edu.

Journeys of Transformation

Rivier University's core curriculum, titled Journeys of Transformation, aligns with the American Association of College & Universities essential learning outcomes. Coursework focuses on developing strong intellectual and practical skills for workforce success, and offers opportunities for service learning, servant leadership, and civic engagement to enhance leadership abilities.

Major Requirements

Mathematics Courses

MA 165 - Calculus I with Lab
MA 166 - Calculus II with Lab
MA 210 - Linear Algebra
MA 220 - Calculus III
MA 310 - Discrete Mathematics
MA 317 - Problem-Solving and Modeling
MA 320 - Classical Geometries
MA 330 - Mathematical Statistics
MA 420 - Abstract Algebra
MA 490 - Mathematics Research

or

MA 495 - Internship
CS 301 - Computer Science Fundamentals

Related Science Courses

PHY 111 - Physics I
PHY 111L - Physics Laboratory I
PHY 112 - Physics II
PHY 112L - Physics Laboratory II

Two Mathematics/Computer Science Electives

Choose two courses at the 200-level or above in Mathematics or Computer Science such as those listed below:

MA 205 - History of Mathematics
MA 295 - Early Internship in Mathematics
MA 495 - Internship
CS 308 - Computer Networks
CS 315 - Introduction to Algorithms
CS 335 - Database Management Systems
CS 385 - Object-Oriented Programming using Java

General Electives

Students choose ten 3-credit elective courses (30 credits) to reach the total number of credits required for the degree.

Innovative

Employment Promise Program

Rivier's Employment Promise Program enhances the career preparation and employability of students in all academic disciplines. The program includes mentorship through Rivier's Career Development Center, career investment goals, and a specialized, four-year academic/professional development plan that incorporates experiences proven to increase overall employability and success in the job search process.

Confidence in the quality of a Rivier education enables the University to ensure invested students will secure employment within nine months of graduation. If not, the University will provide the student additional financial or educational support. Get more information at rivier.edu/epp.

You're Invited

Attend a virtual or on-campus event, or schedule an individual campus tour for you and your family. You can access a complete listing of events and register online at events.rivier.edu or call us at (603) 897-8507.

Academic Accreditation

Rivier University is accredited by the New England Commission of Higher Education (NECHE).

Quick Links

Ask a Question – admissions@rivier.edu

Schedule a Visit – events.rivier.edu

Meet with an Admissions Counselor – rivier.edu/team

Tuition & Fees – rivier.edu/tuition

Facebook – facebook.com/rivieruniversity

Twitter – twitter.com/rivuniversity

Instagram – instagram.com/rivieruniversity

The University reserves the right to make changes when appropriate and necessary as needed without notification. (0721)