



Rivier

UNIVERSITY

B.S.

Biotechnology

Innovate to elevate the quality of human life.

Why Study at Rivier?

Our B.S. in Biotechnology prepares you for careers on the cutting edge of scientific and technological discovery and key positions at pharmaceutical, biotech, and biomedical companies.

Build Your Knowledge Base

Coursework and hands-on laboratory training in biology, chemistry, biochemistry, and physics build your scientific knowledge and practical skills. Business and elective courses provide an understanding of business management, business law, entrepreneurship, innovation, and more.

Gain Real-World Experience

Field research, internships, job shadowing, study abroad, and co-curricular opportunities take you out of the classroom, beginning in your freshman year, to broaden your education and perspective. Rivier students have interned at pharmaceutical companies, biotechnology firms, medical facilities, and a variety of other locations. Faculty-led trips and study abroad place you in the field and provide real-world experiences. The Biology Club, Beta Beta Beta (national biological honor society), and other campus events and activities will enrich your education.

Begin Your Career

Biotechnology graduates may pursue careers as:

- Biochemists, bioinformaticians, or biophysicists
- Research scientists and laboratory technicians
- Pharmaceutical company representatives
- Crime lab technicians
- Biomedical engineers

Advanced Degrees

Graduates are well prepared to pursue master's degrees in biomedical science, environmental science, aquaculture, and other fields.



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



90+ 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

Biotechnology Courses

BIO 103 - General Biology I
BIO 104 - General Biology II
BIO 202 - Genetics
BIO 206 - General Microbiology
BIO 220 - Biotechnology
BIO 308 - Molecular Cell Biology

or

BIO 312 - Immunology
BIO 350 - Environmental and Applied Microbiology
BIO 385 - Integrative Biotechnology
BIO 496 - Biotechnology Internship

Related Sciences Courses

CHE 104 & 104L - General Chemistry I and Lab
CHE 105 & 105L - General Chemistry II and Lab
CHE 201 & 201L - Organic Chemistry I and Lab
CHE 202 & 202L - Organic Chemistry II and Lab
PHY 111 & 111L - Physics I and Lab
CHE 306 - Biochemistry I
CHE 307 - Biochemistry II

or

PHY 112 & 112L - Physics II and Lab

Related Business Courses

BUS 175 - Principles of Management

Choose two courses:

BUS 226 - Principles of Project Management
BUS 295 - Business Law
BUS 305 - Entrepreneurship and Innovation
BUS 315 - International Business
BUS 391 - Sustainable Value

General Electives

Students choose three 3-credit elective courses (9 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 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 an 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

Talk to an Admissions Counselor – rivier.edu/team

Tuition & Fees – rivier.edu/tuition



The University reserves the right to make changes when appropriate and necessary as needed without notification. (0823)