

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 beyond the classroom beginning in your first year. Rivier students have interned at pharmaceutical companies, biotechnology firms, medical facilities, and a variety of other locations. Faculty-led travel and study abroad provide hands-on, real-world learning experiences. The Biology Club, Beta Beta Beta (the national biological honor society), and other campus activities further 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.

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.



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



90+ years
of educational
excellence



100%
of students receive
financial aid



100%
of students complete
internships, field
experiences, or service
learning programs



Major Requirements

BIOTECHNOLOGY REQUIREMENTS

BIOL 103	General Biology I
BIOL 104	General Biology II
BIOL 202	Genetics
BIOL 206	General Microbiology
BIOL 220	Biotechnology
BIOL 308	Molecular Cell Biology
or	
BIOL 312	Immunology
BIOL 350	Environmental and Applied Microbiology
BIOL 385	Integrative Biotechnology
BIOL 496	Biotechnology Internship

SCIENCE REQUIREMENTS

CHEM 104 & 104L	General Chemistry I and Lab
CHEM 105 & 105L	General Chemistry II and Lab
CHEM 201 & 201L	Organic Chemistry I and Lab
CHEM 202 & 202L	Organic Chemistry II and Lab
PHYS 111 & 111L	Physics I and Lab
CHEM 306	Biochemistry I
CHEM 307	Biochemistry II
or	
PHYS 112 & 112L	Physics II and Lab

BUSINESS REQUIREMENTS

BUSS 175	Principles of Management
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Choose two of the following:

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

GENERAL ELECTIVES

Students choose three three-credit elective courses (nine credits) to reach the total number of credits required for the degree.

The University reserves the right to make changes when appropriate and necessary as needed without notification. (0726)

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 features a tailored four-year academic and professional development plan, integrating experiences that have been shown to enhance overall employability and improve job search success.

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



Talk to an Admissions Counselor
rivier.edu/team



Schedule a Visit
events.rivier.edu



Tuition & Fees
rivier.edu/tuition

Apply today!

Easily apply on **common app**

or online at apply.rivier.edu

