



Rivier

UNIVERSITY

B.S. Biology

Prepare to work in exciting and emerging scientific fields.

Why Study Biology at Rivier?

Our B.S. in Biology provides you with a competitive edge for entry into the scientific community or graduate school, and it prepares you to advance to leadership roles in your field.

Choose Your Course

Concentrations in Allied Health, Combined Biology and your choice of a minor, and Environmental Science allow you to tailor your degree to your individual career interests and goals. The Allied Health Concentration prepares students who plan to pursue careers in medicine, dentistry, veterinary science, or medical research.

Gain Real-World Experience

Research, internships, study abroad, and co-curricular opportunities take you out of the classroom to broaden your education and perspective. Students conduct an independent research project in their senior year based on the research proposal they prepare in their junior year. 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 hands-on experience. The Biology Club, Beta Beta Beta (national biological honor society), and other campus events and activities enrich your education.

Begin Your Career

With your B.S. in Biology, you'll be prepared to start a career in the sciences or pursue graduate studies in medicine, dentistry, pharmacy, and other fields. Graduates enjoy careers as:

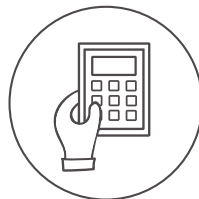
- Doctors, veterinarians, and pharmacists
- Research scientists and laboratory technicians
- Clinical trial directors and pharmaceutical professionals
- Disease control specialists



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

Biology Core

BIO 103 - General Biology I
BIO 104 - General Biology II
BIO 202 - Genetics
BIO 206 - General Microbiology
BIO 214 - Ecology
BIO 390 - Seminar in Biology
BIO 426 - Special Problem in Biology

Track Options

Allied Health Track – Select three courses below.

BIO 301 - Animal Physiology
BIO 303 - Population Evolutionary Genetics
BIO 308 - Molecular Cell Biology
BIO 312 - Immunology
BIO 404 - Developmental Biology
BIO 409 - Parasites, Pathogens, and Infectious Diseases

Combined Biology – Select three courses from the Allied Health and Environmental Science tracks.

Environmental Science Track – Select three courses below.

BIO 301 - Animal Physiology
BIO 303 - Population Evolutionary Genetics
BIO 305 - Animal Behavior
BIO 308 - Molecular Cell Biology
BIO 350 - Environmental and Applied Microbiology
BIO 355 - Environmental Sustainability

Related Math/Science

CHE 104/104L - General Chemistry I & Lab I
CHE 105/105L - General Chemistry II & Lab II
CHE 201/201L - Organic Chemistry I & Lab I
CHE 202/202L - Organic Chemistry II & Lab II

Select two courses below:

MA 112 - College Algebra
MA 130 - Functions
MA 165 - Calculus I with Lab
MA 166 - Calculus II

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)