



Rivier

UNIVERSITY

B.A.

Biology Education

Develop your skills and share your passion for science.

Why Study at Rivier?

Our B.A. in Biology Education offers extensive hands-on experience that provides you with the knowledge and skills necessary for teaching in the 21st century.

Build Your Knowledge Base

The Biology Education degree fulfills all the requirements of our biology major and the New Hampshire State Department of Education Professional Standards for Teachers, which are required for certification. The curriculum encompasses biology, chemistry, physics, calculus, and secondary education courses.

Gain Real-World Experience

Through a focus on experiential learning and field experience beginning in your freshman year, you will build your skills, resume, and professional network. Our proximity to some of the finest school districts in our state offers excellent opportunities for internships and employment. You will gain practical experience through a semester-long student teaching assignment, which will build your confidence in the classroom and your teaching skills.

Begin Your Career

Biology Education graduates may pursue careers as:

- Middle and high school science teachers
- Healthcare-industry corporate trainers
- Forest rangers, park technicians

Advanced Degrees and Licensure

Graduates are well prepared to pursue master's degrees in education, healthcare, biology, and other related fields. This program is designed to meet the educational requirements necessary for licensure per the NASDTEC Interstate Agreement.



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



88 years
of educational
excellence



100%
of students receive
financial aid



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

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 390 - Seminar in Biology

Biology Electives

22 additional credits at or above the 200 level

Related Math/Science

CHE 104 - General Chemistry I
CHE 104L - General Chemistry Laboratory I
CHE 105 - General Chemistry II
CHE 105L - General Chemistry Laboratory II
CHE 201 - Organic Chemistry I
CHE 201L - Organic Chemistry Laboratory I
CHE 202 - Organic Chemistry II
CHE 202L - Organic Chemistry Laboratory II
PHY 111 - Physics I
PHY 111L - Physics Laboratory I
PHY 112 - Physics II
PHY 112L - Physics Laboratory II

Two of the following:

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

Related Education and Teacher Licensure Courses

ED 150 - Foundations of Secondary Education*
ED 260 - Psychology and Teaching of the Pre-Adolescent and Adolescent
ED 341 - Methods of Teaching Biology/Life Science in Secondary Grades*
ED 350 - Planning Learning Environments for Secondary School Teachers*
ED 370 - Instruction and Accountability I*
ED 420 - Student Teaching and Seminar
HIS 101 - United States History I
or
HIS 102 - United States History II

**Asterisked courses require 25 hours of field experience, which begins in the first year.*

General Electives

Students choose one 3-credit elective course (3 credits) to reach the total number of credits required for the degree.

Apply Today

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

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. (0921)