



BIOLOGY

FPU BRINGS A TRADITION OF EXCELLENCE TO THE BIOLOGY DEGREE



ALUMNI SPOTLIGHT

Brianna Nash '12

Biotechnology, Pharmaceutical Technology, and Digital Marketing, Search Consultant, HireMinds

“My colleagues and I come from the industries we serve, enabling us to understand job requirements on a deeper level than others in the industry. I have a Bachelor of Science in Biology from Franklin Pierce and am able to use my experiences and background knowledge from the life sciences to relate to the candidates I speak with and build trust.”

ABOUT THE PROGRAM

Your major in Biology gives you the tools to study the living organisms and ecosystems that drive many of the most pressing issues of our time. In a world of changing climate, expanding (and aging) populations and shrinking natural resources, understanding the living beings on our planet has never been more critical. With your B.S. or B.A. in Biology, you can seek work in laboratory, classroom, office or field environments and look forward to consistent job and salary growth.

PROGRAM HIGHLIGHTS

You will learn core concepts in biology, chemistry and physics, as well as scientific methods and experimental design. You will master field and laboratory techniques, as well as scientific writing and communication skills.

Graduates with a Biology major go on to study at a medical school, conduct cutting-edge research, and teach high school science classes. You may also choose to pursue a Doctor of Physical Therapy, Master of Physician Assistant Studies or Master’s Entry Program in Nursing at Franklin Pierce.



RINDAL PIERRE-CANEL '18 & JUSTIN CHRISTOPHERS '18

APPLY TODAY!

franklinpierce.edu/biology

BIOLOGY

Franklin Pierce University
College of Health
and Natural Sciences

BIOLOGY

COURSES

FIRST YEAR

BI101	Biology I (laboratory)
BI102	Biology II (laboratory)
CH101	General Chemistry I (laboratory)
CH102	General Chemistry II (laboratory)
GLE101	First Year Inquiry Seminar
GLE110	First Year Composition I
Math	First of two required mathematics courses
_____	Additional Major, GLE and/or Free Elective(s)

SECOND YEAR

BI211	Genetics (laboratory)
BI241	Evolutionary Biology OR
BI218	Ecology (laboratory)
BI215	Biology and Health Sciences Seminar
BI___	Biology Elective (Bachelor of Science Track)
CH211	Organic Chemistry I (Bachelor of Science Track)
CH212	Organic Chemistry II
GLE120	First Year Composition II
_____	Additional Major, GLE and/or Free Elective(s)

THIRD YEAR

BI312	Cellular Biology
BI235	Microbiology (laboratory) OR
PH101	General Physics I (Bachelor of Science Track)
PH102	General Physics II (Bachelor of Science Track)
_____	Additional Major, GLE and/or Free Elective(s)

FOURTH YEAR

BI460	Internship in Biology/Health Sciences or
BI480	Senior Seminar in Biology/Health Sciences or Invited Senior Research
_____	Additional Major, GLE and/or Free Elective(s)

**Please refer to the Academic Catalog for full listing of elective options*

WHO SHOULD MAJOR IN BIOLOGY?

You'll find this major a good fit if you have or want to develop the ability to:

- Conduct and clearly explain scientific research
- Plan and execute biological experiments
- Think critically, analyze and interpret data
- Work independently and collaborate with teams

BIOLOGY ELECTIVES

BI217	Tropical Forest Ecology
BI231	Animal Behavior
BI235	Human Health and Nutrition
BI250	Introduction to Plant Biology
BI260	Anatomy and Physiology I
BI261	Anatomy and Physiology II
BI312	Vertebrate Biology
BI319	Cellular Biology
BI325	Microbiology
BI326	Parasitology
BI327	Principles of Immunology
BI337	Advanced Nutrition
BI351	Endocrinology
BI370	Medical Terminology and Health Systems
BI375	Mammalogy
BI400	Kinesiology
BI402	Physiology of Exercise
BI403	Assessment and Prescription of Fitness
BI404	Strength and Conditioning
BI430	Forest Ecology
ES320	Wildlife Ecology and Protection
ES342	Wildlife Conservation and Management
PS304	Introduction to Neuroscience
PS430	Introduction to Psychopharmacology

STRATEGIES FOR SUCCESS

You can gain valuable experience through opportunities at Franklin Pierce to:

- Work on biomedical research funded by the National Institutes of Health
- Conduct environmental fieldwork on our 1,200-acre Rindge campus with woods, fields, ponds, trails, wetlands and wildlife
- Study tropical forest ecology in Costa Rica
- Participate in Health Sciences Club or Environmental Club
- Participate in Sigma Zeta, the National Science and Mathematics Honor Society