

Choose Advancement With Our
WORKING B.S.




Bachelor of Science

**NATURAL &
HEALTH SCIENCES**

Degree Programs



Discover the **NATURAL** World



A Focus On Research

Our science students have many opportunities to participate in scientific research, including working right alongside faculty. Students engaged in research are encouraged and supported in their efforts to present their findings at regional and national conferences.

Student research presentations:

Mia Estevez

Efficacy of ProHeart 12® (Moxidectin), Revolution® Plus (Selamectin), and Ivermectin against *Dirofilaria immitis*, and symbiotic relationship between *Dirofilaria immitis* and different bacteria. ICUNJ Undergraduate Research Symposium, Jersey City, NJ.

Alissa Mor

Spotted Lanternfly Microbiomes: An Initial Investigation into an Invasive Insect. ICUNJ Undergraduation Research Symposium

Pier Semanchik

Variance in parasite occurrence between three native and one non-native *Palaemon* species of grass shrimp. Society for Integrative and Comparative Biology, Austin, TX.

Kristi Wenger

Canine Cognition of Human Social Interactions. ICUNJ Undergraduate Research Symposium

Clerson Xavier

Differences in reproductive efforts in the invasive grass shrimp, *Palaemon macrodactylus*, and native *Palaemon* shrimp in New Jersey. Society for Integrative and Comparative Biology, Austin, TX.

Discover Your **FUTURE U.**

The School of Natural, Health, Social and Behavioral Sciences at Centenary University offers programs to provide you with a strong foundation in liberal arts and life sciences. Our Bachelor of Science degrees ensure that you receive the vital knowledge to flourish and enhance the well-being of society.

Biology

Biology concentrates on the major characteristics of life through the study of biology, chemistry, physics, anatomy, physiology, ecology, microbiology and genetics. Our program provides a foundation for students pursuing additional degrees in medicine, dentistry, physician assistant, chiropractic, and biological graduate programs. With our Bachelor of Science in Biology, you also have the option of choosing from three concentrations: Environmental Science, Forensic Science, or Pre-Healthcare.

Exercise Science

This program provides in-depth knowledge of biology, human anatomy, physiology, exercise, and human performance. This program prepares you for certifications in health and wellness or for graduate programs in athletic training, physical therapy or occupational therapy.

Forensic Science

Enjoy a strong mix of foundational biology and chemistry courses with specialized courses in the field of criminal justice and forensics. This program ensures that students have real-world training with actual evidence collection specialists. This program prepares you for a career in forensics or in pharmaceutical and biotechnology companies.

Health Science

Courses include human biology, health sciences, psychology, sociology, health care policy, and public health. An internship in a healthcare field is required for graduation and increases your experiential learning. This degree prepares you for a nonclinical position in healthcare or with the foundational coursework to pursue graduate programs in physical and occupational therapy.

Medical Laboratory Science (MLS)

This NAACLS-accredited program allows graduates to take the ASCP Board of Registry exam and work in hospital and public health laboratories. Includes 2.5 years of foundational scientific discovery and 1.5 years of laboratory techniques and disease diagnosis. Students spend the last semester (16 weeks) in a hospital laboratory training with a certified medical laboratory scientist.

Public Health

The Public Health program includes human biology, health and wellness, social and behavioral sciences, epidemiology, public policy, and health sciences. You can build on a common public health knowledge and then concentrate in a specific area of your particular interest, e.g., global health or community psychology.

Why study Science at Centenary University?

- All of our programs integrate the study of biology, chemistry, and math (including statistics). You can explore diverse fields with courses such as microbiology, immunology, sustainability, ecology, marine biology, and more. Plus, an internship is part of every science major's curriculum.
- Demand for well-trained medical laboratory scientists is skyrocketing. Centenary's new degree in Medical Laboratory Science will provide you with career-ready skills to hit the ground running, right after graduation.
- If you'd like to pursue a career in pharmaceutical research, a degree in Biology is an ideal choice. It's also great preparation for graduate study in science or medical school.
- In addition to lab and field work, students with environmental science experience have opportunities to intern with the U.S. Fish and Wildlife Service and other university partners. You'll spend many hours at Centenary's Environmental Science Center, an experiential learning facility.
- Centenary's Forensic Science major prepares you to apply your extensive science laboratory skills and knowledge of the criminal justice system to evaluate physical evidence for legal proceedings.



Want more reasons to choose Centenary?

- Centenary graduates have a 96% career or graduate school placement rate—19.6% above the national average.*
- Centenary has the second highest four-year graduation rate among private universities in New Jersey, surpassed only by Princeton University.
- Centenary offers generous financial aid packages: 100% of incoming freshmen receive an average of \$28,000, and 95% of transfer students receive an average of \$20,000.

*U.S. Bureau of Labor Statistics

Did you know?

- Employment for medical laboratory scientists is projected to grow 12% by 2026.
- Centenary's Environmental Center is based at the Charles O. Hayford State Fish Hatchery, which produces more than 2 million fish a year.
- 10% projected employment growth in life, physical, and social science occupations by 2026, resulting in about 124,800 new jobs.*

*Bureau of Labor Statistics

The Next Level

As a Centenary Science major, you can fulfill the requirements for graduate and professional programs.

Internships

You will be ready for a career by participating in internships in industries such as pharmaceuticals, environmental science and healthcare. Internships are matched to students' interests and often result in employment opportunities.

Minors

Biology, Chemistry, Criminal Justice, Environmental Science, Exercise Science, Forensic Science, Public Health, and Sustainable Practices.

Centenary University has received initial accreditation for the Medical Laboratory Science program from the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

"This is an exciting time at Centenary," Dr. Craig Fuller said. "We are expanding into diagnostic testing, health and wellness—areas that are critical to the well-being of our society. These degrees offer our student fascinating practical experiences to help build careers in these growing fields."



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