



University of New Haven

BACHELOR OF SCIENCE

PARAMEDICINE



Did you know?

EMPLOYMENT DEMAND:

Expected to grow by more than **15%** by 2026

EMPLOYMENT SETTINGS:

Hospitals, fire departments, private and municipal ambulances, medical helicopters, and private industry work sites

AVERAGE SALARY:

\$50,000 – \$60,000 per year

BOARD PASSAGE RATE:

100% NREMT passage on first attempt*

* Numbers based on the 2018 cohort

Program Description

Our B.S. in Paramedicine Program prepares students to be essential components of the continuum of care by providing excellent pre-hospital and community-based healthcare. We designed the program for graduating high school seniors, military veterans, and anyone else who is up for the rigorous academic and mental challenges involved in becoming a paramedic. In the course of four years, the student will become a nationally certified emergency medical technician, complete the core curriculum classes necessary for the B.S. degree, and become thoroughly immersed in the paramedicine sciences. Lectures are followed by laboratory experiences that include life-sized, high-fidelity computerized mannequins that can be programmed to provide realistic patient responses and outcomes to students. Laboratory time is reinforced with more than 700 hours of clinical experience at Yale New Haven Health hospital campuses. The program culminates in the senior year with an extensive capstone field internship that requires students to perform in leadership roles while providing actual patient care, followed by national certification testing as a paramedic.



Why Paramedicine?

Paramedics have fulfilled prescribed requirements by a credentialing agency to practice the art and science of out-of-hospital medicine in conjunction with medical direction. In performing assessments and providing medical care, their goal is to prevent and reduce mortality and morbidity resulting from illness and injury. Paramedics primarily provide care to emergency patients in an out-of-hospital setting.



The University of New Haven has been recognized as one of **The 386 Best Colleges** in the country by *The Princeton Review*.

Paramedicine at the University of New Haven

The University of New Haven is in a unique position with regard to the preparation of the future healthcare workforce. A college-level degree in paramedicine is on the leading edge of healthcare and can address the anticipated demand for pre-hospital care workers as the average age of the U.S. population increases. Currently, about 12.5 percent of the U.S. population is 65 or older, and this is expected to reach 16 percent in 2020 and 21 percent by 2050. This means that employment of paramedics is expected to grow by 15 percent by 2026, much faster than the average for all occupations. Employers will require a highly educated workforce to survive in an outcome-based healthcare system. The new workforce will require the critical thinking skills necessary for innovation and creativity.



Curriculum

We offer our students a learning environment filled with problem solving, critical thinking, and systems thinking to ensure a strong base on which to build. Our emphasis on anatomy, physiology, and pathophysiology provides students with the tools necessary to address basic and advanced pre-hospital medicine, both today and in the future. Our programs exceed all Department of Transportation National Highway Traffic Safety Administration National Standard Curriculum and National Education Standard objectives and include optional skills adopted by many states. We practice evidence-driven medical practice and education.

FEATURED COURSES

- Emergency Medical Technician I & II
- Pharmacology for Emergency Medical Services
- Pre-hospital Trauma Care
- Medical and Geriatric Emergency Medical Services
- Obstetric and Gynecological Emergencies for Paramedics
- Pediatric Emergencies for Paramedics

Paramedicine Facilities

The Paramedicine program is supported by the resources of Yale New Haven Hospital Center for Emergency Medical Services Education and its campuses. Yale New Haven Hospital is a 900-bed tertiary care medical center and Level I trauma center that includes the 201-bed Yale New Haven Children's Hospital and the 76-bed Yale New Haven Psychiatric Hospital. Both campuses are teaching hospitals for Yale University School of Medicine and other allied health profession programs. Anatomy and physiology are taught in the Yale University School of Medicine cadaver laboratory. Students participate in lectures and simulation labs at the Yale New Haven Hospital Center for Emergency Medical Services Education. This facility comprises 25,000 square feet of classrooms as well as simulation rooms that feature high-fidelity mannequins, all designed to train pre-hospital care providers.

Experiences and Careers

Our students go on to work in exciting careers with public and private employers, including these:

- American Medical Response
- Danbury Ambulance
- Fire Department East Hartford, Conn.
- Fire Department, East Haven, Conn.
- Fire Department, Foxborough, Mass.
- Fire Department, Guilford, Conn.
- Fire Department, West Haven, Conn.
- Fire Department, Westfield, Mass.



“Our program is designed for the graduating high school senior, military veteran, or any person seeking the rigorous academic and mental challenge of becoming a paramedic. Over four years, the student will become a nationally certified Emergency Medical Technician (EMT), complete core curriculum classes for a B.S. degree, and become immersed in the science of paramedicine.”

PETER STRUBLE

Lecturer, Department of Allied Health

MPA • University of New Haven

B.S. in Fire Service Management • State University of New York

A.S. in Fire Science Administration • Waterbury State Technical College



About Us

The University of New Haven, founded on the Yale campus in 1920, is a private, coeducational university situated on the coast of southern New England. It's a diverse and vibrant community of more than 7,000 students with campuses across the country and around the world.

Within our colleges and schools, students immerse themselves in a transformative, career-focused education across the liberal arts and sciences, fine arts, business, healthcare and health sciences, engineering, public safety, and public service. More than 100 academic programs are offered, all grounded in a long-standing commitment to collaborative, interdisciplinary, project-based learning.

Degree Options and Dual Degree Programs

B.S. in Paramedicine with Fire Science Minor

Students who wish to pursue a career in the fire service as a firefighter/paramedic can take fire science courses in addition to their paramedicine courses, achieving a minor in fire science from the University of New Haven, a nationally known university for fire sciences.

Online Paramedicine B.S. Completion Program

Our degree completion program allows certified paramedics an opportunity to earn a B.S. in Paramedicine. Students entering the program must be certified as paramedics through the National Registry of Emergency Medical Technicians (NREMT). This program can be completed in two years with full-time study or approximately four years part time.

B.S. in Paramedicine/Master of Healthcare Administration (4+1)

Upon completion of the B.S. in Paramedicine, students extend their studies for an additional year in Healthcare Administration. This unique program prepares students to navigate and manage all components of the healthcare system, with a special understanding of how to leverage pre-hospital care to design the healthcare systems of the future.

B.S. in Paramedicine/M.S. in Emergency Management (4+1)

Upon completion of the B.S. in Paramedicine, students extend their studies for an additional year in Emergency Management. This unique program prepares students to navigate and manage all aspects of the emergency management cycle, including preparedness, response, recovery, and prevention from a strong pre-hospital perspective.



To learn more, scan the QR Code or visit:
newhaven.edu/paramedicine



Your Success Starts Here

**For more information,
or to arrange a visit, contact**

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