



MERRIMACK COLLEGE

SCHOOL OF HEALTH SCIENCES



HEALTH SCIENCE

The Health Science Major focuses on human biology and prepares students for careers in diverse areas of the health industry. Our students develop an understanding of how the human body functions in health and disease, consider the methodologies used to obtain this knowledge, and acquire the skills to communicate this information within the scientific community.

Our program emphasizes the scientific process by utilizing both independent and collaborative investigative approaches in the laboratory, stressing scientific communication and offering senior thesis research internships and practica so that students might gain practical experience in their area of interest.

ENGAGING COURSEWORK

A dynamic curriculum builds strong practical knowledge from introductory classes to specialized coursework.

The curriculum includes core health science classes along with multidisciplinary support in biology, chemistry, mathematics, and physics.

A selection of program coursework includes:

- HSC1122 Anatomy & Physiology I
- HSC3302 Intro to Public Health
- HSC3303 Clinical Microbiology
- BIO2018 Genetics

REWARDING CAREER PATHS

Merrimack Health Science graduates have entered diverse fields within the health care system, including professional medical practices, positions in biomedical research and industry, public health, hospital administration, education, and medical technology.

Our students have been employed at several academic, clinical and industrial settings, including: Beth Israel Deaconess Medical Center, Essex Orthopedics, Saints Memorial Medical Center, Southwest Vermont Health Care Center, University of Chicago Hospitals, Boston College, Bridgewater State College, Belmont High School, Lesley University, High Performance Training Center, Quest Diagnostics, Tufts Medical Center, United States Navy, Wyeth Bio Pharma.

PROGRAM HIGHLIGHTS

Active Science

Funded by a \$1.05 million grant from the prestigious Robert Wood Johnson Foundation, the program combines gaming technology, physical activity, and traditional science education—resulting in a high-impact learning experience. In partnership with the Merrimack Valley YMCA, the grant is helping increase physical activity levels and science achievement among school-age children.

Experiential Learning

Merrimack offers a number of opportunities for experiential learning including internships, co-op placement, independent research, service learning, and seminar. Participation of all students in one or more of these experiences is required as a capstone experience. Recent placements include:

- Children’s Hospital
- Harvard University Center for Genomics Research
- Commonwealth of Massachusetts Department of Public Health
- Dana Farber Cancer Institute

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QUESTIONS?

Contact **Kevin Finn, Department Chair and Associate Professor**, at:

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