

School of Health Sciences

College of Health and Human Services

ABOUT THE SCHOOL

The School of Health Sciences (SHS) offers a variety of programs at the undergraduate and graduate level. SHS programs include:

UNDERGRADUATE

- Exercise Science
- Health Science
- Medical Laboratory Science
- Public Health
- Respiratory Therapy

GRADUATE

- Health and Human Performance

Exercise Science Major

What Is Exercise Science?

The academic foundation of exercise science is in physiology, bioenergetics, and movement anatomy and mechanics, with applications to exercise responses and adaptations, strength and conditioning, sport performance, and disease and injury. The program requires an internship experience and includes many hands-on opportunities in health and fitness initiatives and scientific research. Students are prepared to work in the health/fitness industry or to pursue careers in allied health fields with further graduate education.

Health Science Major

What Is Health Science?

Health science is a broad field that involves the study of applied science that deals with human physical and behavioral wellbeing. The program is designed to help students explore their options for a career in health care. It offers the ability to complete internships in a clinical setting such as a hospital, clinic, health department or private practice. The program also provides some flexibility to select coursework to match a preferred career track or meet graduate school prerequisites.

Medical Laboratory Science Major

What Is Medical Laboratory Science?

Medical laboratory science deals with laboratory analyses used in the diagnosis, prognosis and treatment of disease as well as health maintenance. Medical laboratory scientists, also called clinical laboratory scientists or medical technologists, are nationally recognized as individuals possessing a baccalaureate degree who have received education and clinical training in chemical and biological testing related to health and human disease. The professional courses are upper level baccalaureate courses and clinical training experiences. Upon completion of the program, graduates take a national certification exam.

Public Health Major

What Is Public Health?

Public health is a discipline that blends various strategies, such as education, outreach, communication, policy change, health engineering and community mobilization, to improve the health outcomes of groups of people. A priority is experiential learning, and opportunities for hands-on experience. Students complete a semester-long internship where they apply course material to a practical experience in a variety of settings, including hospitals, nonprofit organizations, corporations, governmental departments and global experiences.

Respiratory Therapy Major

What Is Respiratory Therapy?

Respiratory therapy is a diagnostic and therapeutic health care specialty utilizing technologically advanced equipment and medical procedures to assess and treat patients with both acute and chronic dysfunction of the cardiopulmonary system.



Respiratory care practitioners serve as vital members of the healthcare workforce by applying broad knowledge of the pathophysiology of the cardiopulmonary system and the complex procedures required to properly diagnose and treat patients. Upon completion of the program, graduates take a national credentialing examination.

Accreditation of SHS Programs

- The Exercise Science Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).
- The Medical Laboratory Science Program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS).
- The Public Health Program is accredited by the Council on Education for Public Health (CEPH).
- The Respiratory Therapy Program is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

CAREER OPPORTUNITIES

Our majors can lead to these many career opportunities and these differ by program or if the student pursues graduate education. These include:

- Respiratory Therapist*
- Medical Laboratory Scientist*
- Health Educator
- Athletic Trainer
- Cardiac Rehabilitation/Clinical Exercise Physiologist
- Exercise Physiologist
- Personal Trainer
- Strength and Conditioning Coach
- Wellness Coordinator
- Physician Assistant
- Physician
- Pharmacist
- Dietitian
- Occupational Therapist
- Physical Therapist
- Chiropractor
- College Instructor/Professor
- And Many Others

**Specific to competing the graduation requirements in that major*

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