Medical Laboratory Science

During your undergraduate, learn more about how scientists are able to use laboratories to aid in finding the cause and cures of a disease. Obtain a thorough education in math and sciences. Through the URI degree program, obtain a year-long accredited internship at regional medical centers as preparation to becoming a certified/licensed Medical Laboratory Scientist. After graduating, enter the effervescent workforce which continues to increase in demand for all areas of healthcare professionals.

Areas of Opportunity
- Clinical chemistry
- Laboratory product development and sales
- Molecular diagnostics
- Health education and public health
- Quality Assurance and Quality Inspection
- Immunology
- Parasitology
- Research and Development
- Health care administration
- Laboratory management

Common Employers
- Hospitals and doctor offices
- Private laboratories, Public health laboratories
- Research and forensic laboratories
- Biotechnology industries
- Transplant and blood donor centers
- Fertility clinics
- Universities and colleges
- Pharmaceutical and chemical companies
- Centers for disease control
- Federal and state government
- Veterinarian offices and animal hospitals

Professional Organizations
- AACC - American Association for Clinical Chemistry
- AHIMA - American Health Information Management Association
- AIBS - American Institute of Biological Sciences
- AMT - American Medical Technologists
- ASCLS - American Society for Clinical Laboratory Science
- ASHI - The American Society for Histocompatibility and Immunogenetics

Strategies on Entering the Field

Participate in supervised clinical experiences. Many states require a license to practice. Obtain licensure by passing a certification exam given by the American Society for Clinical Pathology Board of Certification. Attain good grades in pre-medical technology course work, including biology, anatomy, physiology, and general and organic chemistry. Develop manual dexterity, fine motor skills, and an attention to detail. Be willing to work in a fast-paced environment. Visit a clinical laboratory. Talk with practitioners to gain critical knowledge of the profession.