



COLLEGE OF NATURAL SCIENCES, FORESTRY, AND AGRICULTURE

## Medical Laboratory Sciences

### UMaine's ADVANTAGE

- Excellent faculty
- High pass rate for professional exams
- Excellent preparation for health professions and graduate school
- High rate of job placement

### WHY STUDY MEDICAL LABORATORY SCIENCES AT UMAINE?

Students in medical laboratory sciences (MLS) prepare to become medical laboratory scientists (medical technologists) who work in the laboratory/diagnostic sector of the health profession industry. Students take courses on campus for three academic years and then spend the senior year in a yearlong medical center practicum (a combination of lectures and laboratory experiences).

The MLS program is very successful in preparing students to become medical laboratory scientists. Most students who complete the program pass the national certification exam administered by the American Society of Clinical Pathology (ASCP) and become certified medical laboratory scientists.

### WHAT CAN I DO WITH A DEGREE IN MEDICAL LABORATORY SCIENCES?

Graduates work as medical laboratory scientists in hospitals or independent medical laboratories, or in forensics, research, industrial and environmental laboratories. Certification by ASCP allows individuals to move into management positions. Students also may enter graduate programs in medical laboratory sciences.

### OUR UNDERGRADUATE PROGRAM

Students spend three years on campus learning the biology, chemistry and math needed to understand the measurements in medical tests that medical laboratory scientists make. While on campus, they also take general education courses. Senior year is spent in a practicum at a medical center. The

University of Maine is affiliated with the School of Medical Laboratory Sciences at the Eastern Maine Medical Center (EMMC) in Bangor, ME and the School of Medical Technology at the Cleveland Clinic in Cleveland, OH. Juniors in the medical laboratory sciences program apply directly to EMMC or the Cleveland Clinic for the practicum. After completing the practicum, students will graduate with a bachelor of science in medical laboratory sciences and are eligible to take the certifying examination administered by the ASCP.

### OUR FACULTY

Faculty in the medical laboratory sciences program use a variety of teaching methods including active learning techniques in lecture and labs. They keep up with the rapidly changing fields of biology and measurement techniques. They are excellent teachers and several have won universitywide teaching and research awards. Our faculty regularly present their research results at regional, national and international conferences.

### OPPORTUNITIES TO EXCEL

Outstanding students are recognized through annual book awards. Two scholarships are offered to top students in medical laboratory sciences. Our students successfully compete for on-campus scholarships and prizes, as well as for national internships.

### HOW DO I APPLY?

Visit [umaine.edu](http://umaine.edu) for an application, as well as information about academics and life at UMaine.

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**[sbe.umaine.edu](http://sbe.umaine.edu)**  
To apply: [umaine.edu](http://umaine.edu)



Connect with us:  
[umaine.edu/socialnetwork](http://umaine.edu/socialnetwork)

## ABOUT UMAINE

The University of Maine, founded in Orono in 1865, is the state's premier public university. It is among the most comprehensive higher education institutions in the Northeast and attracts students from across the U.S. and more than 73 countries. It currently enrolls 11,286 total undergraduate and graduate students who can directly participate in groundbreaking research working with world-class scholars. The University of Maine offers doctoral degrees in 35 fields, representing the humanities, sciences, engineering and education; master's degrees in roughly 70 disciplines; 90 undergraduate majors and academic programs; and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship on its campus, with substantial efforts aimed at conserving energy, recycling and adhering to green building standards in new construction. For more information about UMaine, visit [umaine.edu](http://umaine.edu).



**The support and guidance of UMaine professors was vital to my becoming a medical laboratory scientist and making a tangible impact on my community.”**

— Heather Bourque, Class of 2014, Medical Laboratory Sciences major



**Spending the final year as an intern at a state-of-the-art hospital facility has provided me an environment that solidified my knowledge and skills that I learned from the university from the past three years and it has given me the confidence and sense of preparedness to face the challenges of the real world.”**

— Reicelle Garcia, Class of 2015, Medical Laboratory Sciences major

## explore

*Bachelor of Science in  
Medical Laboratory Sciences*