

# What Can I Do With This **Ohio State** Major?

Bachelor of Science

## Medical Laboratory Science

School of Health and Rehabilitation Sciences

When it comes to the challenges and rewards of medicine and science, the medical laboratory scientist has the best of both worlds. Medical laboratory scientists, also called clinical laboratory scientists, work in all areas of the medical laboratory including blood banking, immunology, chemistry, hematology, and microbiology. They perform a full range of laboratory tests including complex tests that detect cancer, HIV/AIDS, diabetes, and other diseases. They are also responsible for confirming the accuracy of test results and reporting laboratory findings to pathologists, physicians, nurses, and other health care professionals. The work of the medical laboratory scientist is so critical to the practice of modern medicine that it would be virtually impossible to provide good medical care without them.<sup>1</sup>

### Career Areas/Job Titles:

#### Health Professions

Medical Laboratory Scientist  
Clinical Laboratory Inspector  
Public Health Lab Technologist  
Phlebotomist  
Medical Salesperson  
Molecular Genetic Technologist

#### Science and Technology

Forensic Scientist  
Researcher  
Immunologist  
Clinical Microbiologist  
Clinical Chemist  
Biochemist

#### Law Enforcement

Criminalistics Technician

#### Education

Clinical Instructor  
Professor

*\*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

### Transferable Skills:

Biology	Experimental Design	Organization Skills
Microbiology	Gathering Information	Planning
Chemistry	Identifying Problems	Prioritizing Tasks
Mathematics	Research Skills	Strategic Planning/Visioning
Provide/Respond to Feedback	Setting Goals	Multi-tasking
Use Technology Effectively	Adaptability/Flexibility	Quantitative Reasoning
Written Communication	Attention to Detail	Data Analysis
Motivating Others	Judgment & Decision Making	Analytical/Critical Thinking
Teaching/Instructing Others	Initiative	Problem Solving
Teamwork	Managing Time/Stress	*Licensure Obtained Upon Grad
Conceptualizing	Punctuality	
Defining Needs	Administrative Skills	
Developing Evaluation Strategies	Delegating Tasks	
	Mediating Conflict	

*\*This is not an extensive list of transferable skills. See larger list of skills you might develop here:*

<http://ccss.osu.edu>

### Professional Links:

American Society for Clinical Pathology: <http://www.ascp.org/>

American Society for Clinical Laboratory Science: <http://www.ascls.org/>

Association of Public Health Laboratories: <http://www.aphl.org/Pages/default.aspx>