

# What Can I Do With a Major in...

# Medical Laboratory Science?

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Medical Laboratory Science (Medical Technology) encompasses the performance and evaluation of scientific tests on blood, other body fluids or specimens. The results of these laboratory tests determine the presence of disease, aid in treatment and monitor therapy. This is a dynamic profession that changes as new medical knowledge is discovered. Medical Technologists or Clinical Laboratory Scientists use the latest high tech biomedical equipment, often interfaced with computers, to generate accurate, reliable test results.

### Skills/Competencies Associated with Medical Technology Majors:

- Ability to work well with people and data
- Strong leadership skills
- Trustworthy, integrity and businesslike
- Ability to evaluate and follow procedures
- Ability to inspire productivity and loyalty
- Adaptable and flexible
- Likes challenges, questioning and analyzing
- Problem solving and intellectual growth
- Proficiency in reading, for accurate details
- Operate scientific equipment
- Desire for preciseness
- Desire to help humankind
- Organize and maintain accurate records
- Make critical observations and decisions

### Career Industries:

Hospital and Private Clinical Laboratories  
Public Health  
Crime Laboratories  
Sales and Marketing  
Health Care Agency/Government  
Health Care Administration

Management Information Systems  
Health Maintenance Organization  
Humanitarian Work  
Education  
Research

\*This is only a partial list and not meant to limit you. Come to Career Services to explore your options further.

### Related Occupations:

Analytical Chemist  
Bacteriologist  
Blood Banking Technologist  
Chemist  
Clinical Pathologist  
Crime Lab Analyst  
Cytotechnologist  
Food and Drug Inspector  
Hemotherapist or Hematologist  
Histologist  
Materials Scientist  
Medical Librarian

Medical Laboratory Manager  
Microbiologist  
Molecular Biologist  
Parasitologist or Mycologist  
Public Health Specialist  
Research Assistant  
Medical Equipment Sales Rep  
Pharmaceutical Sales Rep  
Science Technicians  
Veterinary Technologist  
Virologist

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### **Strategies:**

- Be sensitive to a patient's physical and psychological needs
- Improve ability to work in a team atmosphere
- Enhance proficiency with computers
- Develop Technical Standards (School of Allied Health's nonacademic criteria):
  1. Observation
  2. Communications
  3. Motor function
  4. Intellectual-conceptual, integrative, and quantitative abilities
  5. Behavioral and social attributes.

### **Resources:**

College Central Network

[www.collegecentral.com/gmc](http://www.collegecentral.com/gmc)

Clinical Laboratory Management Association

[www.clma.org](http://www.clma.org)

National Accrediting Agency for Clinical Lab. Sciences

[www.nacls.org](http://www.nacls.org)

American Society for Clinical Pathology

[www.ascp.org](http://www.ascp.org)

American Society of Clinical Laboratory Science

[www.ascls.org](http://www.ascls.org)

American Association for Clinical Chemistry

[www.aacc.org](http://www.aacc.org)

American Society for Microbiology

[www.asmusa.org](http://www.asmusa.org)

Occupational Outlook Handbook

[www.bls.gov/oco](http://www.bls.gov/oco)

American Association of Bioanalysts

[www.aab.org](http://www.aab.org)

American Medical Technologists

[www.amt1.com](http://www.amt1.com)

American Association of Blood Banks

[www.aabb.org](http://www.aabb.org)

American Society for Cytopathology

[www.cytopathology.org](http://www.cytopathology.org)

American Society for Hematology

[www.hematology.org](http://www.hematology.org)

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[www.gmc.edu/students/careerservices](http://www.gmc.edu/students/careerservices)