

What can I do with this major?

Medical Laboratory Science

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 Laboratory Science 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

Clinical Laboratory Management Association

www.clma.org

National Accrediting Agency for Clinical Lab. Sciences

www.nacls.org

American Society for Clinical Pathology

www.ascp.org

American Society of Clinical Laboratory Science

www.ascls.org

American Association for Clinical Chemistry

www.aacc.org

American Society for Microbiology

www.asmusa.org

Occupational Outlook Handbook

www.bls.gov/oco

American Association of Bioanalysts

www.aab.org

American Medical Technologists

www.amtl.com

American Association of Blood Banks

www.aabb.org

American Society for Cytopathology

www.cytopathology.org

American Society for Hematology

www.hematology.org

Gwynedd-Mercy College

Career Services

215-646-7300, ext: 230

careerservices@gmc.edu

www.gmc.edu/careerservices