PRE-CLINICAL LAB SCIENCE

TN TRANSFER PATHWAY

Motlow's A.S. in Pre-Clinical Lab Science is a Tennessee Transfer Pathway.

You can make $61k, or more, per year with an advanced degree.
(Occupational Outlook Handbook)

An advanced degree can lead to a career as a veterinarian, microbiologist, or forensic scientist.

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PRE-CLINICAL LAB SCIENCE

The Associate of Science Pre-Clinical Lab Sciences degree prepares you for transfer to a university and is a Tennessee Transfer Pathways (TTP). TTPs enable you to complete your degree at Motlow and then transfer to any Tennessee public university, and several Tennessee private universities, to complete your bachelor's degree. This two-year academic pathway is designed for students who intend to complete an associate degree and transfer directly to a 4-year institution to pursue a bachelor's degree.

Medical Technologists determine normal and abnormal components of body fluids by conducting chemical analyses of blood, urine, spinal fluids, and gastric juices. Medical Technologists also analyze blood cells by counting and identifying cells using microscopic techniques and procedures.

Clinical laboratory scientists, also known as medical laboratory scientists or medical technologists, interpret laboratory results, integrate data, solve problems, consult with physicians, conduct research, and evaluate new test methods. That means you might do everything from performing laboratory tests from blood smears for the detection of anemia to operating complex computerized instrumentation to preparing units of blood for transfusion.

Career Opportunities

- Medical Lab Technician ($26-47k/year)
- Forensic Scientist ($41-97k/year)
- Veterinarian ($58-150k/year)
- Industrial researcher ($54-89k/year)
- Molecular biotechnologist ($41-147k/year)
- Microbiologist ($35-56k/year)
- Clinical Chemist ($37-54k/year)
- Immunologist ($64-150k/year)
- Hematologist ($45-380k/year)
  (Occupational Outlook Handbook)

Practical Experience

- Mastering medical diagnostics on organic tissues and fluids
- Hospital labs and clinics
- Forensics
- Industrial research
- Molecular biotechnology
- Critical thinking
- In-depth research and analysis
- Interaction with students and instructors
- Exposure to fascinating coursework, lectures, and classroom interaction

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