

## MEDICAL LABORATORY SCIENTISTS

**Medical laboratory scientists (medical technologists)** work in conjunction with other members of the health care team to perform and supervise lab analysis of blood, body fluids, and tissue and to provide data to detect, diagnose, and monitor disease using precision instruments such as microscopes, computers, and special analyzers. Career opportunities are varied being offered in hospital and private laboratories, biotechnology industry, research and forensic laboratories, lab product development, pharmaceutical companies, armed forces, and many others.

### PROGRAM REQUIREMENTS AND PREREQUISITES FOR UTHSC

Memphis, TN

Requirements and Prerequisites	Corresponding FHU Courses	Total Hours
English Composition I & II	ENG101, 102	6
Biological Sciences*	BIO111, 112, or 212	8
Anatomy & Physiology I	BIO 211	4
Microbiology	BIO215	4
General Chemistry I & II	CHE121/121L & 122/122L	8
Organic Chemistry I	CHE321	4
Literature	Any Literature	3
Humanity or Fine Art	HUM, ART, or MUS	3
Social/Behavioral Science	SOC or PSY	3
College Algebra or Statistics	MAT101 or MAT235	3
Americna History**	HIS221/222	3
General Education Electives	BIB, COM, HUM, etc	6

\* Human Physiology II or Anatomy/Physiology II may be used to fill one of the General Biology requirements.

\*\*All students receiving a baccalaureate degree in the state of Tennessee must have completed one unit of American History on the high school level or six credit hours of college-level American History (three credit hours of Tennessee History may be substituted for 3 credit hours of American History).

**RECOMMENDED ELECTIVES:** Liberal arts and humanities courses are recommended as well as a course in computer applications.

**IS A DEGREE REQUIRED?** \_\_\_\_\_YES    NO

Students are admitted to the medical technology program after they have completed two years of specified academic work at an accredited university. The professional program at UT is two years in length and leads to a baccalaureate degree.

**IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL?** No

**APPLICATION DEADLINE:**

Early: December 1

Regular: April 1

Late: June 15

**PROGRAM REQUIREMENTS AND PREREQUISITES FOR  
UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES (UAMS)  
Little Rock, AR**

<b>UAMS Requirements and Prerequisites</b>	<b>Corresponding FHU Courses</b>	<b>Total Hours</b>
English Composition I & II	ENG101, 102	6
Speech Communications	COM140	3
College Algebra (or higher MAT)	MAT101	3
Fine Arts	ART, MUS, THE	3
US History	HIS221, 222	3
Humanity	HUM, SPA, BIB, etc	3
Social Sciences	PSY, FAM, etc	6
Biology	BIO111, 112, 211, 212	8
Microbiology	BIO215	4
Science Electives*	BIO or CHE	8
Chemistry	CHE121/121L & 122/122L	8
Electives	Anything	11
Total Hours:		69

\*Acceptable electives include histology, cell biology, genetics, immunology, biochemistry, and pathophysiology. AP credits can be used to satisfy general education requirements, but not sciences/math.

**IS A DEGREE REQUIRED?**  YES  NO

The program is designed as a second bachelor's degree program. This program is a 12 month, full time program beginning each fall. The total cost of the program as of fall 2019 was \$15,000 with out of state or in state tuition.

**IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL?** No

**APPLICATION DEADLINE:** May 15 to begin in August.