

MEDICAL TECHNOLOGY

COLLEGE OF ARTS AND SCIENCES ■ BACHELOR OF SCIENCE OR BACHELOR OF MEDICAL TECHNOLOGY ■ 4-YEAR PROGRAM

Work in a hospital laboratory ■ Sell medical products ■ Assure the quality of pharmaceutical drugs

sound like you?

Medical Technology at UT

Medical technology is a rapidly growing health care field that tries to find the medical data that physicians need to diagnose illnesses correctly and treat patients appropriately. Medical technologists conduct medical tests and procedures in hematology, serology, immunology, microbiology, parasitology, blood banking, urinalysis and other related areas. They are responsible for precise and dependable results.

UT's medical technology program combines biology, chemistry, physics and math courses that prepare students for certification as medical technologists. They complete a three- or four-year program

of study and then an internship for one year. This "real-world" experience in a hospital gives students invaluable hands-on training in laboratory diagnostic procedures. Students may choose to complete this internship through a hospital in Toledo or in virtually any state in the nation.

What to expect when you graduate

About two-thirds of all medical technologists are employed in public or private hospital laboratories. Other options include working in the military services, city, state and federal health agencies, industrial medical laboratories, veterinary clinics and pharmaceutical houses. Medical technologists also work as quality assurance officers in industry, medically related sales positions and clinical instructors in service labs.

Medical technologists ranked number 16 out of 250 best jobs based on factors including salary, stress levels, work environment, outlook, employment security and physical demands.



Check out all our majors online @ www.admission.utoledo.edu/majors.asp

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Arts and Sciences is an academically diverse college comprised of nineteen different departments that offer a total of forty-three different majors and over 1,600 courses a year from African-American History to Vertebrate Ecology.

Sample Curriculum*

First Year

Fall Semester

BIOL 2150 Fund of Life Science I	4
BIOL 2160 Fund of Life Science Lab	1
CHEM 1230 General Chemistry I	4
CHEM 1280 General Chem I Lab	1
ENGL 1110 College Composition I	3
ARS 1000 Orientation	1
A&S Distributive Elective (optional)	3
Total	14-17 hrs.

Spring Semester

BIOL 2170 Fund of Life Science II	4
BIOL 2180 Fund of Life Science II Lab	1
CHEM 1240 General Chemistry II	4
CHEM 1290 General Chemistry II Lab	1
ENGL 1130-1230 College Comp II	3
A&S Distributive Elective	3
Total	16 hrs.

Second Year

Fall Semester

BIOL 3010 Molecular Genetics	3
BIOL 3020 Molecular Genetics Lab	2
CHEM 2410 Organic Chemistry I	3
CHEM 2460 Organic Chemistry I Lab	1
MATH 1750 Math for Life Sciences I	4
English Literature Elective	3
Total	16 hrs.

Spring Semester

BIOL 3030 Cell Biology	3
BIOL 3040 Cell Biology Lab	2
CHEM 2420 Organic Chemistry II	3
MATH 1760 Math for Life Sciences II	3
A&S Distributive Elective	3
A&S Distributive Elective (optional)	3
Total	14-17 hrs.

Third Year

Fall Semester

PHYS 2070 General Physics I	5
BIOL/A&S/General Electives	6-9
Foreign Language Elective	4
Total	15-18 hrs.

Spring Semester

PHYS 2080 General Physics II	5
BIOL 3070 Human Physiology	3
A&S Distributive Electives	3-6
Foreign Language Elective	4
Total	15-18 hrs.

Fourth Year

Fall Semester

BIOL 4700 Biological Literature & Communication (either semester)	3
BIOL 4050 Immunology	3
Biology Electives	0-8
General Electives (as needed)	0-8
Foreign Language Elective	4
Total	10-26 hrs.

Spring Semester

BIOL 4700 Biological Literature & Communication (either semester)	3
BIOL 4030 Microbiology	3
Biology Electives	0-8
General Electives (as needed)	0-8
Foreign Language Elective	3
Total	9-25 hrs.

Prepare Yourself

The University of Toledo advises completion of the following college-prep courses to help prepare you for your college course work:

- 4 years/units of English
- 3 years/units of math (algebra I, II, geometry or equivalent)
- 3 years/units of natural sciences
- 3 years/units of social sciences
- 2 years/units of a single foreign language

High school preparation requirements do not apply to adult or transfer students.

Come See Us

A campus visit is the best way to decide if a university is right for you. Group campus tours are available Monday through Friday at 10:30 a.m. or 2:30 p.m., and on Saturday at 11:15 a.m., year round, with the exception of national holidays. Individual admission appointments are available by request. Individualized college or department visits are also available weekdays at 1:15 p.m. by appointment.

www.admission.utoledo.edu/campusvisit
800.5TOLEDO

*Sample curriculum is subject to change. Please consult the department for up-to-date information. For more detailed program requirements go to <http://catalog.utoledo.edu>.

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