B.S. IN MEDICAL TECHNOLOGY

CURRICULUM HIGHLIGHTS

- 100% job placement for graduates
- 100% externship placement
- Personal attention
- State-of-the-art, on-campus facilities
- Work directly with outstanding, practicing faculty
- Fully accredited through the National Accrediting Agency for Clinical Laboratory Sciences

No doctor can make a definitive medical diagnosis without lab tests and accurate results. That’s where medical technologists come in.

Medical technologists conduct medical tests and procedures in hematology, clinical chemistry, molecular diagnostics, microbiology, parasitology, blood banking, urinalysis and other areas. They deliver precise, reliable results to physicians to ensure correct diagnoses and appropriate treatments.

Our accredited medical technology program combines biology, chemistry, physics and math courses. It prepares you for certification as a medical technologist.

You’ll complete three years of basic science and pre-clinical course work and apply in the fall of your junior year to the clinical portion of our program. Acceptance into the clinical year is competitive. If you’re accepted, you’re guaranteed a clinical externship during your fourth year. This real-world experience in a hospital gives you invaluable, hands-on training in laboratory diagnostic procedures.

What to expect when you graduate

While many graduates with a B.S. in medical technology are employed in the clinical laboratory setting, career options are abundant in all areas of healthcare. As a medical technologist, you could specialize in biomedical research and development, organ transplantation, genetic testing, infection control, forensic testing and more.
Group campus tours are available Monday through Friday at 10 a.m. or 2:30 p.m., and on select Saturdays at 11:15 a.m.

Individual admission appointments are available by request. Individualized college or department visits also are available weekdays at 11:15 p.m. by appointment.

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**First Year**

**FIRST TERM**
- NSM 1000 Natural Sciences & Math 2
- BIOL 2170 Fund/Life Science Cells 4
- BIOL 2180 Fund/Life Science Lab 1
- CHEM 1230 General Chemistry I 4
- CHEM 1280 General Chemistry Lab I 1
- ENGL 1110 College Composition I 3
- **15 hours**

**SECOND TERM**
- BIOL 2150 Fund/Life Science Diversity 4
- BIOL 2160 Fund/Life Science Lab 1
- CHEM 1240 General Chemistry II 4
- CHEM 1290 General Chemistry Lab II 1
- ENGL 2950 Science/Tech Writing 3
- MATH 1320 College Algebra 3
- **16 hours**

**Second Year**

**THIRD TERM**
- BIOL 3030 Cell Biology 3
- CHEM 2410 Organic Chemistry I 3
- CHEM 2460 Organic Chemistry Lab I (for non-majors) 1
- MATH 2600 Intro to Statistics 3
- Social sciences core 3
- Arts/humanities core 3
- **16 hours**

**FOURTH TERM**
- BIOL 3010 Molecular Genetics 3
- CHEM 2420 Organic Chemistry II 3
- CHEM 2470 Organic Chemistry Lab II (for non-majors) 1
- EXSC 2510 Human Anatomy 3
- EXSC 2520 Human Anatomy Lab 1
- MEDT 2010 Intro to Med Lab Tech 2
- Arts/humanities core 3
- **16 hours**

**Third Year**

**FIFTH TERM**
- BIOL 4050 Immunology 3
- BIOL 4060 Immunology Lab 1
- PHYS 2070 General Physics I 5
- Social sciences core 3
- Diversity of U.S. 3
- Apply for clinical year (terms 7-10) during this term.
- **15 hours**

**SIXTH TERM**
- BIOL 3070 Human Physiology 3
- PHYS 2080 General Physics II 5
- BIOL 4030 Microbiology 3
- BIOL 4040 Microbiology Lab 1
- Non-U.S. Diversity 3
- Must be accepted into the program at this point.
- **15 hours**

**Fourth Year**

**SEVENTH TERM**
- MEDT 4020 Clinical Hematology 5
- MEDT 4030 Clinical Urinalysis 3
- MEDT 4100 Clinical Virology 2
- MEDT 4080 Clinical Immunohematology 5
- **15 hours**

**EIGHTH TERM**
- MEDT 4040 Clinical Chemistry 5
- MEDT 4050 Clinical Microbiology 5
- MEDT 4060 Clinical Immunology 3
- MEDT 4070 Clinical Parasitology 2
- **15 hours**

**NINTH TERM**
- MEDT 4090 Clinical Mycology 2
- MEDT 4950 Clinical Externship: Mgmt 1
- MEDT 4500 Clinical Research/Correl 3
- MEDT 4951 Clinical Externship: Micro 4
- **10 hours**

**TENTH TERM**
- MEDT 4952 Clinical Externship: Chem 4
- MEDT 4953 Clinical Externship: Hema 3
- MEDT 4954 Clinical Externship: Immun 3
- **10 hours**

**Total Hours 143**

Utulago's medical technology degree program prepares you for certification as a medical laboratory scientist (medical technologist). You'll complete three years of course work and one year of clinical classes. Your final year includes a 22 week clinical externship at The University of Toledo Medical Center laboratory, ProMedica hospital laboratories or other, affiliated clinical laboratories.

Sample curriculum for the bachelor of science in medical technology.

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