

HOW TO USE THIS MAP

- UToledo's Major Map is a guide for you to plan for future success while you explore your University experience. The five rows of the map provide a step-by-step guide to integrate your academic courses with experiences on and off-campus that will help build your career readiness.
- Start thinking about life beyond college now and use the map to set short- and long-term goals, such as preparing for graduate or professional schools, preparing for your first career-track job and networking with others in your profession.

RESOURCES FOR SUPPORT

From orientation to graduation, there are many resources to support your University experience.

Your success coach is like your personal GPS. As you navigate from where you are to where you want to be, coaches offer one-on-one guidance and support through referrals to academic support services and other campus resources, and connections to campus engagement and experiential learning opportunities. Visit utoledo.edu/successcoach to connect with your success coach.

Career Services provides comprehensive career planning and preparation services for all UToledo students in order to clarify and implement their academic and career goals. Connect with Career Services during your first year and continue working with them often throughout your academic career. Visit utoledo.edu/career to learn more about the programs, services and events to support your success.



BUILD YOUR EXPERIENCE BEYOND THE CLASSROOM

After completing your first three years of baccalaureate college work, and after acceptance into the clinical year of the program during your junior year, you will begin 12 months of hospital based clinical training including 21 weeks of clinical externship in an affiliated hospital laboratory. The clinical program in the fourth year is housed on the Main Campus with externship sites at the University of Toledo Medical Center laboratory and ProMedica hospital laboratories. A certification examination is taken at the successful completion of a hospital training program. The requirements for certification are established by the Board of Certification of the American Society of Clinical Pathologists.

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Department of Biological Sciences
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utoledo.edu/nsm/biosci



FUELING TOMORROWS



TOP FIVE REASONS TO STUDY MEDICAL TECHNOLOGY AT UTOLEDO

- 1** 100% job placement rate for UToledo graduates in the Medical Technology program!
- 2** High-demand occupation with increasing growth opportunities.
- 3** Operate and troubleshoot sophisticated laboratory equipment while helping medical providers diagnose patients.
- 4** In the Medical Technology program at UToledo 100% of our students receive externship placement, complete the Phase 2 clinical externship and successfully complete the 4-year degree program!
- 5** Fully accredited program through the National Accrediting Agency for Clinical Laboratory Sciences.

PUTTING YOUR DEGREE TO WORK

- Education
- Forensics
- Health Care Administration
- Hospital & Medical Laboratories
- Industrial Medical Labs
- Infection Control
- Medical Consultant
- Medical Marketing
- Molecular Diagnostics
- Pharmaceutical
- Public Health
- Research
- Veterinary

AMPLIFY YOUR MAJOR

- Get involved in undergraduate research, it can make you stand out and provide you the opportunity to present and publish your research results.
- Community service is a great way to get experience as well as give back to the community. Consider joining a volunteer organization or student organization.

“The program gave me a foundation for clinical externship rotations, which I was able to leverage into a position as a full-time MedTech. To this day I’m still working at UTMC, where I’ve worked since graduation from the program, as the Coagulation Lead Sr. Technologist. Classmates I went through the program with are still some of my best friends today.”

COLIN LYONS, MLS (ASCP), Lead Tech Coagulation, UTMC Pathology, B.S. Medical Technology, '14

Medical Technology

Department of Biological Sciences



1ST YEAR

2ND YEAR

3RD YEAR

4TH YEAR

EXPLORE YOUR MAJOR AND CAREER PATHWAYS



In the first year, you will have the chance to explore foundational courses along with some electives:

CHEM 1230 General Chemistry I
BIOL 2150 Fundamentals of Life Science: Diversity of Life, Evolution & Adaptation
ENGL 2950 Science & Technical Report Writing

Meet with your [academic advisor](#) to learn more about your [plan of study](#).

Start to dive deeper into the discipline of medical technology. Explore [undergraduate research](#) or leadership and volunteer opportunities available through the [Pre-Health Advising Center](#).

Continue working on core requirements as well as your major requirements.

Meet with your [academic advisor](#) to make sure you are on track for the clinical year of the program.

Apply for clinical year (terms 7-10) during the fall. In order to be admitted to the clinical year, completion of 90 semester hours of college work with an accumulated GPA of no less than 2.5 overall and a grade of C or better in the pre-clinical science courses is required.

Be sure to finish up all your courses for your major and any optional minor and/or additional major(s).

Final courses include Clinical Externships and Clinical Research and Clinical Correlations - all preparing you for your future after graduation.

CONNECT WITH OTHERS AND BUILD COMMUNITY



Attend the Student Involvement Fair in early fall; explore over 400 [student organizations](#) and attend [campus events](#).

Consider joining a fraternity or sorority and getting involved in [Greek Life](#).

Working on campus is a great way to meet others. Attend the [Job Fair](#) to learn about campus jobs!

Community service is a great way to get experience as well as give back to the community. Consider joining a [volunteer organization](#).

Live with peers who have similar career goals and participate in special health-related programming in the [Health Professions Living Learning Community \(HPLLC\)](#), which is located in [International Hall](#), a suite-style residence hall.

Consider doing research with a faculty member. UToledo students often apply for and receive funding for their research and present their results at conferences. Check out the [Office of Undergraduate Research](#) to learn more.

Join a professional association related to your interests.

Present your research at a research exhibition on campus. Consider attending and presenting your work at a regional or national conference with a faculty member for networking and exploring career opportunities.

Be sure to include these experiences in your resume: community service, student leadership, organization membership and philanthropic efforts.

BUILD YOUR SKILLS THROUGH EXPERIENCE



Meet with a [Biological Sciences faculty member](#) to discuss creative ways to volunteer or intern in your area of interest.

Consider opportunities outside of the classroom. Join a student organization such as:

- [American Medical Student Association \(AMSA\)](#)
- [Camp Kesem at UToledo](#)
- [Global Medical Brigades](#)

Improve your study strategies and visit the [Learning Enhancement Center](#).

Explore summer job opportunities related to your major by scheduling a meeting with [Career Services](#).

Consider applying to the Office of Undergraduate Research [Summer Research and Creative Activities Program](#) to earn a research scholarship.

Interested in undergraduate research? Apply for funding through the [Office of Undergraduate Research](#).

Consider joining a [volunteer organization](#).

"Employment of [medical laboratory scientists](#) is projected to grow 7 percent from 2021 to 2031 ... the median annual wage was \$57,800 in May 2021."-BLS

Investigate internships or full-time jobs related to careers of interest by attending events for graduating seniors sponsored by [Career Services](#).

ENGAGE IN AN INCLUSIVE GLOBAL PERSPECTIVE



Get to know people who are different from you. Connect with the [Office of Multicultural Student Success](#) (OMSS) by attending OMSS [History and Heritage Month](#) events.

Learn another language or culture to develop new perspectives and build your marketable skills. Visit [World Languages and Cultures](#) for more information.

Connect with the [Education Abroad Office](#) to learn more about the opportunities to live and learn in a different country.

Consider completing the OMSS [Student Diversity Certificate](#) program.

Attend events sponsored by the [Office of Diversity, Equity and Inclusion](#).

Join an international student organization to learn more about other cultures.

Attend the I-Village event or I-Dinner, two premier UToledo international events.

Build your intercultural competencies by learning more about diversity, equity and inclusion through OMSS and the Office of Diversity, Equity and Inclusion programs.

PREPARE FOR POST-GRADUATION



Complete your [Handshake Profile](#) (use your UTAD log-in credentials).

Explore [What Can I Do With This Major?](#) and [Candid Career](#) to learn about career paths and employers within your field of study.

Meet with [Career Services](#) to begin developing your resume and a plan to get career ready.

Utilize Handshake and InvoNet to find opportunities to meet employers and expand your network by attending career fairs and other events.

Meet with Career Services to update your [resume](#) and LinkedIn profile.

Use Handshake to apply to part-time jobs, internships or externships to gain practical and relevant experience.

Gain interviewing skills with [Big Interview](#) or schedule an appointment with Career Services for a mock interview.

Join groups on LinkedIn reflecting specific careers or topics of interest.

Solidify post-graduate plans.

Get help from your academic advisor, faculty and [Career Services](#) with job searching, resumes, interviews and graduate school applications.

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WHAT WILL I LEARN?

Develop your career readiness competencies to ensure you are prepared to launch your career upon graduation:

- Career & Self Development
- Communication
- Critical Thinking
- Equity & Inclusion
- Leadership
- Professionalism
- Teamwork
- Technology

HOW WILL I USE IT?

Use your degree to attain career positions such as:

- Chemistry medical technologist
- Clinical lab scientist#
- Education & infection control prevention#
- Hemostasis lab technologist#
- Laboratory technician#
- Medical lab scientist#
- Medical technologist#
- Medical technologist lab coordinator#
- Microbiology lead medical technologist#
- Nuclear medicine technologist#
- Radiology technologist#
- Veterinary technician#