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## Medical Laboratory Science—BS

### The Science Behind the Medicine

With a BS in Medical Laboratory Science, you will gain experience in hematology, immunology, molecular biology, clinical chemistry, medical terminology, microbiology, and anatomy and physiology.

Medical laboratory scientists are key members of the medical team, detecting diseases and other conditions by performing chemical, hematological, immunologic, microscopic, and bacteriological analyses on blood, tissues, and bodily fluids. They are some of the most versatile medical professionals, and at Michigan Tech, a Bachelor of Science in Medical Laboratory Science is preparation for this exciting profession. Our graduates are first to fill critical shortages because our students work in up-to-date labs and tackle research projects alongside professors who are among the best in their field. Students also benefit from small class sizes, personal advising, and one-on-one faculty interaction.



### Degree Concentrations

There are five specialty concentrations available with the BS in Medical Laboratory Science. All concentrations have an on-campus component. There is also a one-year clinical practicum, completed at an accredited teaching hospital that is required for 3+1 concentration and optional for the 4+1 concentrations.

- 3+1 Medical Technology
- 4+1 Medical Technology
- 4+1 Cytotechnology
- 4+1 Secondary Education Teacher Certification
- 4+1 Histotechnology

### Limitless Career Pathways

With a shortage of medical lab scientists, career opportunities for our graduates are plentiful. Our unique concentrations and options for degree specialization mean you can prepare for many positions:

- Medical Laboratory Scientist
- Medical Technologist
- Blood Donation Center Technologist
- Forensic Lab Scientist
- Veterinary Medical Technologist
- Teacher
- Research Scientist
- Physician

### Minors

We offer many minors, giving students an opportunity to specialize in a secondary discipline.

- Biochemistry
- Biological Sciences
- Bioprocess Engineering
- Ecology
- Fish Biology
- Microbiology
- Nanoscale Science and Engineering
- Plant Biotechnology
- Plant Sciences
- Remote Sensing



For more information, visit  
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