CLINICAL AND DIAGNOSTIC SCIENCES

Clinical and Diagnostic Sciences is a challenging and rewarding career recommended to men and women with an interest and ability in sciences. A Clinical Diagnostic Scientist is an allied health professional skilled in both the theory and practice of clinical laboratory procedures that provide data that physicians use to determine the presence, extent, and cause of disease. The medical laboratory scientist can perform complex laboratory procedures, recognize errors or physiologic conditions that invalidate test results, carry out quality control procedures, and implement new procedures.

PROGRAMS



DEGREES AND CERTIFICATES

- Bachelor of Science in Clinical and Diagnostic Sciences -Medical Laboratory Science
- Bachelor of Science in Clinical and Diagnostic Sciences Cytotechnology
- Bachelor of Science in Clinical and Diagnostic Sciences -Nuclear Medicine Technology

ABOUT THE PROGRAM

Clinical and Diagnostic Sciences students are educated to perform, evaluate, and analyze patients. The four-year Clinical and Diagnostic Sciences curriculum leads to a Bachelor of Science in a curriculum emphasis.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Patient Care
- Clinical Skills
- Medical Technology
- Laboratory Tests
- Data Analysis
- Microbiology

CAREERS

- Medical Laboratory Scientist
- Medical Technologist
- Clinical Laboratory Technologist
- Medical Scientist
- Clinical Lab Technologist
- Cytotechnologist

EMPLOYERS

- Alomere Health
- Children's Minnesota
- Fairview Health Services
- HCMC
- Mayo Clinic
- Regions Hospital

INSPIRED ACTION



EMPLOYMENT RATE

97.1%

of program graduates begin their careers within one year of graduation.

Graduates: 41 Respondents: 34 <u>link.mnsu.edu/graduate-follow-up</u>

MEDIAN SALARY

\$100*,*890

The median annual wage for Medical Scientists in May 2023.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Medical Scientists, at link.mnsu.edu/mls-salary

PROGRAM WEBSITE



link.mnsu.edu/mls

SAMPLE FOUR-YEAR PLAN - CLINICAL AND DIAGNOSTIC SCIENCES - MEDICAL LABORATORY SCIENCE, BS

First Year (Fall)	First Year (Spring)		
BIOL 105 General Biology I (4) BIOL 220 Human Anatomy (4) MATH 112 College Algebra (4) ENG 101 Foundations of Writing & Rhetoric (4)	BIOL 106 General Biology II (4) BIOL 175 Orientation to Clinical Laboratory Science (1) CHEM 201 General Chemistry I (5) General Education Course (3)		
Second Year (Fall)	Second Year (Spring)		
BIOL 330 Principles of Human Physiology (4) CHEM 202 General Chemistry II (5) General Education Course, Writing Intensive (4) General Education Course (2)	BIOL 270 General Microbiology (4) BIOL 211 Genetics (4) General Education Course, Writing Intensive (3) General Education Course (3)		
Third Year (Fall)	Third Year (Spring)		
BIOL 475 Medical Microbiology (5) CHEM 322 Organic Chemistry I (4) HLTH 475 Biostatistics (3) OR STAT 154 Elementary Statistics (4) General Education Course (2)	BIOL 430 Hematology/Immunology (4) CHEM 365 Principles of Biochemistry (4) General Education Course, Purple or Gold (4) General Education Course, Purple (3)		
Fourth Year (Fall)	Fourth Year (Spring)		
MEDT Internship (16)	MEDT Internship (16)		

For more information about program requirements, visit: mnsu.edu/academics/academic-catalog

LEARN MORE

Medical Laboratory Science 242 Trafton Science Center S 507-389-2417

NOTES		