

February 2007



~Major of the Month~

Clinical Laboratory Science

Would you like to work in the medical field, but aren't sure if you want to be a doctor or nurse? Sure, those are the first occupations most people think of when considering a job in the medical field, but there are many people working behind the scenes, aiding in the treatment of patients, we forget about. Clinical laboratory scientists work as detectives, trying to uncover and provide information using laboratory analyses. They then use their findings to assist physicians in patient diagnosis and treatment, as well as disease monitoring and prevention. The data clinical laboratory scientists produce is used to detect many health problems such as cancer, heart attack risk, diabetes, infectious mononucleosis and bacteria or viruses that cause infection.



As a student in the Clinical Laboratory Science program you will be completing the general education requirements, along with required classes in Chemistry, Biology and Mathematics. As early as your freshman year, you will participate in classroom and laboratory work using state-of-the-art equipment; something few freshmen at other universities get the chance to do.

Time to Intern

Students majoring in clinical laboratory science are required to complete a 12 month internship with a NAACLS accredited hospital. Accredited hospitals include:

- War Memorial Hospital - Sault Ste Marie, MI
- Marquette General Health System - Marquette, MI
- Beaumont Hospital - Royal Oak, MI
- Memorial Medical Center - Ashland, WI

In the Classroom

Majoring in Clinical Laboratory Science you will take classes such as:

- Hematology, Parasitology and Immunology
- Organic Chemistry
- Biochemistry
- Instrumental Analysis
- Clinical Microbiology
- Genetics

**Student Profile****DO YOU...**

- want a job within the medical field?
- want to aid doctors in the diagnoses of patients?
- want to work with the newest technology?
- like to help others?
- have a desire to know about living organisms and their parts?

SKILLS

- Excellent hand-eye coordination
- Ability to perform many tasks simultaneously without error
- Keen powers of observation
- Strong communicator
- Work well under pressure

JOB OUTLOOK

Job outlook is expected to be excellent, with the number of openings exceeding the number of job seekers. Employment is expected to grow as the number of preventive laboratory tests ordered continues to increase.

SALARY RANGE

Starting: \$30,000-\$36,000
Median Income: \$45,730

Clinical Laboratory Science

Your first three years will be spent here on campus with the last 12 months spent training at an NAACLS accredited hospital. Your internship can be done anywhere, as long as the facility is approved by LSSU's clinical laboratory facility.

After graduation from Lake Superior State University your class work and internship will have prepared you to take the national registry examinations for certification as a registered clinical laboratory scientist and/or a medical technologist.

With this certification, work can be found in a number of areas including physician office laboratories, hospital laboratories, within the pharmaceutical or diagnostic industry, or even in the areas of education and training.

For more information on this major or if you have any questions contact the School of Biological Sciences at ext: 2267 or contact Career Services at ext: 2733.



- ◆ According to the U.S. Dept.'s Bureau of Labor Statistics, by the year 2008 the employment of Clinical Laboratory Scientists will increase by 10-20%.
- ◆ According to The Job Rated Almanac, Clinical Laboratory Science is rated 3rd among top health-related professions.

CAREER CHOICES

Students graduating with a degree in Clinical Laboratory Science can find work as:

Clinical Laboratory Scientists - Perform analytical tests on human body substances to detect or prevent disease and impairment. They also promote and monitor good health.

Laboratory Supervisors - Manages and supervises clinical laboratory procedures, determines usage of lab space, equipment and budgetary resources.

Specialty Research Scientists - Have clinical expertise in research areas such as biochemical genetics, cytogenetics, cell marker testing, toxicology, epidemiology and flow cytometry.

Laboratory Sales Representatives - Work as sales representatives generating new business with private physicians and hospitals. They use their knowledge of laboratory science to explain new products and demonstrate their use to perspective clients.

MARK YOUR CALENDAR!!!

Watch for the following Career Events happening in March:

Resume Writing Workshop

March 19th NOON

Library 150

About to graduate?

Making plans for an internship?

Don't wait until the last minute to prepare your resume! We will cover the basics of writing a resume and tips for making your resume rise to the top of the stack.

Career Exploration Workshop

March 20th NOON

Library 119A

Only 7 more weeks of class and another semester will be complete.

Still not sure about your major? No career goals? Then don't miss this informational career workshop.

Image by Sheila Ray Preparing for the Real World Business Etiquette Seminar

March 21st 3-4:40pm

Michigan Room-Cisler Center

This etiquette seminar will:

- 1) Prepare you for the real world of resumes, interviews and work.
- 2) Improve understanding of appearances—interviews are more than what you know.
- 3) Increase your knowledge of non-verbal and verbal skills.
- 4) Show how to neutralize embarrassing and awkward moments.
- 5) Improve dining, meeting, phone, and email etiquette.

Goal Setting

Presented by the National Guard
March 28th 3-5pm (drop by anytime)
Cisler Center