Medical Laboratory Science

Official Program Checksheet

Why Choose Medical Laboratory Science?

Medical Laboratory Scientists perform laboratory analyses to help the physician detect, diagnose and treat disease. Lab scientists work with sophisticated laboratory instruments and computers that must be kept in optimal operating condition to give the most accurate results. The volume and sophistication of laboratory testing will increase as the population grows and lives longer. Physicians base about 70 percent of their diagnoses and treatment decisions on the results of laboratory testing.

Medical Laboratory Scientists work under the supervision of a medical director in such departments of the medical laboratory as the blood bank, clinical chemistry, microbiology, hematology, serology, and body fluid analysis.

The program combines classroom instruction and laboratory practice on-campus with an internship in an affiliated laboratory.

The program is fully accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS.) NAACLS can be contacted at the following: 5600 N. River Road, Suite 720, Rosemont, IL 60018. (773) 714-8880.

www.naacls.org

Career Opportunities

Career opportunities exist in the clinical laboratories in hospitals and medical centers; pharmaceutical industry in quality control, research and biotechnology; government crime labs, accreditation offices, environmental technology, veterinary medicine and lab information systems; humanitarian work in the Peace Corps, Project Hope, and medical missionary workers. Many assume positions as laboratory directors and supervisors.

The average annual base salary of full-time laboratory scientists was $57,383 in 2015. Laboratory managers averaged $89,762. Salaries are increasing annually.

Admission Requirements

Students must be admitted to the university. To be qualified to enter the professional sequence of the program a student must have earned a minimum grade of "C" in each of the following courses or their equivalent: MATH 115 or MATH 117 (or have an ACT Math subscore of 24) and CHEM 114, CHEM 214, BIOL 205, and BIOL 108 or BIOL 286.
To assure students have a quality technical education in classroom/lab and clinical practice, enrollment is limited. Students who meet or will have met the program's qualification criteria by the end of Spring semester are required to apply to the program's professional sequence between January 15 and January 30 of the year they intend to begin the professional sequence. Admission will be based upon date of qualification.

**General Education Requirements**

All University General Education requirements can be found here: [http://www.ferris.edu/HTMLS/academics/general-education/requirements/BA-BS.htm](http://www.ferris.edu/HTMLS/academics/general-education/requirements/BA-BS.htm)

Please consult this link for a complete listing of General Education Electives: [http://www.ferris.edu/HTMLS/academics/general-education/courses/index.htm](http://www.ferris.edu/HTMLS/academics/general-education/courses/index.htm)

Consult the official checksheet or program advisor for program specific General Education requirements.

**Graduation Requirements**

To graduate from the program, a student must have earned a minimum grade of "C" in each CLLS course, BIOL 205 and CHEM 214 or equivalent, and the COHP core courses. A minimum cumulative GPA of 2.5 is required.

Ferris offers an internship in the last semester of the program, although due to limited space, specific clinical site locations cannot be guaranteed. If a student interrupts progression in the professional sequence of the program, re-entry cannot be guaranteed due to space limitations in laboratory and clinical placement sites.

**More Information**

College of Health Professions  
Ferris State University  
200 Ferris Drive  
Big Rapids, MI 49307  
Phone: 231-591-2270 or  
1-800-462-8553 ext 2266