**MEDICAL LABORATORY SCIENCE PROGRAM COMPETENCIES**

The Grand Valley State University Medical Laboratory Science Program graduate will be able to:

* Function as a knowledgeable and competent Medical Laboratory Scientist who uses mature judgment in dealing with medical care problems.
* Function in a medium to large automatic laboratory with minimal orientation.
* Develop and establish procedures for collecting, processing, and analyzing biological specimens and other substances.
* Perform analytical test of body fluids, cells and other substances; integrating and relating data generated by the various laboratory departments while making decisions regarding possible discrepancies.
* Confirm abnormal results, verify quality control procedures, execute quality control procedures, and develop solutions to problems concerning the generation of laboratory data.
* Make decisions concerning the results of quality control and quality assurance measures, and institute proper procedures to maintain accuracy and precision.
* Establish and perform preventive and corrective maintenance on instruments as well as identifying appropriate sources for repairs.
* Develop, evaluate, and select new techniques, instruments, and methods in terms of their usefulness and practicality within the context of a given laboratory’s personnel, equipment, space, and budgetary resources.
* Be compassionate and understanding when dealing with patients and staff, keeping patient’s well-being foremost in mind.
* Function as a team worker within the laboratory and with other hospital departments.
* Recognize responsibility for his/her own continuing education.
* Provide leadership in educating other health personnel and the community.
* Exercise principles of management, safety and supervision.
* Teach laboratory procedures on a one to one basis.
* Apply principles of current information systems.
* Successfully pass the national certification exam.**\***

\* *Please note*: The issuing of a Baccalaureate degree in Medical Laboratory Science by GVSU is not contingent upon the student passing an external certification examination.