Discipline Specific Knowledge, Skills, Behavior and Values

1. MLS graduates will demonstrate in-depth knowledge of analytical techniques and laboratory procedures correlating to disease states in the following sub-disciplines of laboratory science:
   - Clinical chemistry
   - Hematology
   - Immunohematology
   - Immunology
   - Clinical Microbiology
   - Molecular Diagnostics
   - Laboratory Management and Education.

2. MLS graduates will possess the necessary laboratory skills to function as entry-level medical laboratory scientists.

3. MLS graduates will be able to interpret the clinical significance of test results and recognize the interdependency of laboratory tests.

4. MLS graduates will demonstrate the appropriate conduct and attitudes required of a health care professional.

5. The quality of MLS students will be maintained at high standards to meet the community needs.

Critical Thinking

1. MLS graduates will be able to interpret the clinical significance of test results and recognize the interdependency of laboratory tests.

2. MLS graduates will recognize problems, determine alternatives and implement solutions where appropriate.

Communication

1. MLS graduates will use written language effectively.

2. MLS graduates will demonstrate effective oral communication skills.

Assessment of Medical Laboratory Sciences - B.S. Outcomes
These outcomes will be assessed using a variety of assessment methods, including:

- Written and oral presentations
- Tests/exams
- Teaching modules
- Research projects
- Laboratory notebooks