## Clinical Laboratory Science

### Program: Clinical Laboratory Science
Degree: B.S.
Date Submitted: June 2, 2006

<table>
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<tr>
<th>Program Learning Outcomes Students will be able to:</th>
<th>Performance Indicators</th>
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| 1. Demonstrate entry-level knowledge of clinical laboratory science. | 1. Describe theoretical principles of the chemical reactions and/or physical characteristics seen in each test procedure. 
2. Provide logical correlation and interpretation of laboratory results. 
3. Recognize normal and abnormal values. 
4. Analyze and evaluate laboratory findings using statistical methods in order to confirm results, identify possible sources of error and corrective actions, verify quality assurance, and compare laboratory methods. 
5. Communicate scientific information to professional colleagues. | 1. Comprehensive core exams at the completion of all clinical rotations. 
2. National certification exam following graduation. 
3. Alumni/employer surveys conducted by the Department six months after graduation. 
4. Evaluation of oral presentation at University and poster presentation at State professional conference. | All individual scores/ reports/surveys sent to the Department Chair are compiled by the Office Assistant, and then aggregated across all graduating seniors. The information is shared with the faculty and the advisory committee on an annual basis and stored for reporting to the accrediting agency on a 7-year cycle. 
Discipline-specific curriculum committees meet annually to review the information and make appropriate modifications. 
The advisory committee meets twice per year to review and discuss assessment results and suggests appropriate modifications to improve learning. |
| 2. Analyze human biological specimens according to established protocol for accuracy and precision for each scientific discipline within the clinical laboratory. | 1. Satisfactory performance on Set I of Practicum Evaluation (items 1-4) 
2. Alumni/employer surveys conducted by the Department six months after graduation. | Individual practicum evaluations/ surveys sent to the Department Chair, compiled by the Office Assistant, and then aggregated across all graduating seniors. The information is shared with the faculty and the advisory committee on an annual basis and stored for reporting to the accrediting agency on a 7-year cycle. 
The advisory committee meets twice per year to review assessment results and suggests appropriate actions to improve learning. |
| 3. Exhibit values consistent with ethical clinical laboratory science practice. | 1. Satisfactory performance on Set I of Practicum Evaluation (items 3-7)  
2. Alumni/employer surveys conducted by the Department six months after graduation. | Individual practicum evaluations/surveys sent to the Department Chair are compiled by the Office Assistant, and then aggregated across all graduating seniors. The information is shared with the faculty and the advisory committee on an annual basis and stored for reporting to the accrediting agency on a 7-year cycle.  
The advisory committee meets twice per year to review and discuss assessment results and suggests appropriate modifications to improve learning. |