

Department: Molecular Biology and Microbiology  
 Chair: Dr. Robert Gennaro  
 Participating Faculty: Dr. Charba, Dr. Gennaro,  
D. Hitchcock, Dr. Sweeney

Program Name & CIP Code: 26.0501 Level: BS-Molecular Biology and Microbiology  
 Example of Linkage between Expanded Statement of Institutional Purpose,  
 Departmental/Program Intended Outcomes/Objectives, Assessment Criteria and Procedures,  
 Results, and Use of Results at our University

Expanded Statement of Institutional Purpose	Departmental/Program Intended Outcomes/objectives	Assessment Criteria & Procedures	Assessment Results	Use of Results
<p>Provide a quality undergraduate education in Molecular Biology and Microbiology. Graduates of the baccalaureate program in Molecular Biology will develop an in-depth understanding of the field to afford them the opportunity for employment or further graduate education.</p>	<p>1. Graduates will be able to demonstrate knowledge in biochemistry and cell biology</p> <p>2. Graduates will be able to demonstrate knowledge in Molecular Biology.</p> <p>3. Students will be able to demonstrate their ability to perform routine laboratory procedures and communicate the results.</p>	<p>1a. Eighty-five percent of students will score at or near the 50<sup>th</sup> percentile on the department GSEE (Graduating Senior Exit Examination) in the subject of Biochemical Microbiology.</p> <p>1b. Eighty-five percent of students will score at or near the 50<sup>th</sup> percentile on the department GSEE (Graduating Senior Exit Examination) in the subject of Cell Biology.</p> <p>2a. Eighty-five percent of students will score at or near the 50<sup>th</sup> percentile on the department GSEE examination in the subject of Molecular Biology.</p> <p>2b. A faculty review panel will rate 85% of students as having a satisfactory knowledge of Molecular Biology based on performance on final examinations.</p> <p>3a. Ninety percent of a sample of laboratory reports will be evaluated by a faculty committee determining if students mastered basic skills and effectively communicated the results.</p> <p>3b. Students will discuss and rate their abilities and the department programs in an exit survey and eighty-five percent will report experiences as positive.</p>		

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Program Name & CIP Code: 26.05051 Level: MS-Molecular Biology and Microbiology  
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Expanded Statement of Institutional Purpose	Departmental/Program Intended Outcomes/objectives	Assessment Criteria & Procedures	Assessment Results	Use of Results