| **Global Learning Student Learning Outcome Addressed** | **Assessment Method** | Assessment Results |
| --- | --- | --- |
| **Global Awareness:** Students will be able to demonstrate knowledge of the interrelatedness of local, global, international, and intercultural influences related to microbiology issues | Assessment Activity/Artifact:1. Multiple choice test questions2. Assignment: Writing a paper on selected microbiological topic with a global perspective3. Assignment: Giving oral presentation on a selected microbiological topic with a global perspective Evaluation Process:1. Number of correct responses2. Rubric for evaluation of assignmentsMinimum Criteria for Success:1. 3 out of 4 questions correct2. 70% on assignmentSample:All students will be assessed | *To be entered after each time course is taught* |
| **Course Learning Outcome** |
| Students will be able to show awareness of the global interrelationship between human affairs on one side and disease causing microorganisms, Biotechnology, and Environment issues on the other side. More specifically it will include: (1) Understanding of the scientific concepts that underlies the global nature of diseases caused by microorganisms; (2) Developing critical thinking based on new global scientific information obtained in class; (3) Understanding the impact of discoveries in Microbiology on global human affairs (novel cures, bioterrorism…); (4) Understanding the interrelationship between microbiological diseases and social/economic factors; (5) Navigating through time - connecting/associating discoveries in Microbiology with the achievements in Arts and Humanities. |
| **Use of Results for Improving Student Learning** |
| *To be entered after each time course is taught* |

| **Global Learning Student Learning Outcome Addressed** | **Assessment Method** | Assessment Results |
| --- | --- | --- |
| **Global Perspective:** Students will be able to conduct a multi-perspective analysis of local, global, international, and intercultural problems regarding microbiology issues. | Assessment Activity/Artifact:1. Multiple choice test questions2. Assignment: Writing a paper on selected microbiological topic3. Assignment: Giving oral presentation on a selected microbiological topicEvaluation Process:1. Number of correct responses2. Rubric for evaluation of assignmentsMinimum Criteria for Success:Minimum Criteria for Success:1. 3 out of 4 questions correct2. 70% on assignmentSample: All students will be assessed | *To be entered after each time course is taught* |
| **Course Learning Outcome** |
| Students will be able to analyze health and economic issues related to microbiological situations that occur globally. The global industrial and agricultural use of microbes and their effect on social interaction will be analyzed with respect to global economies and pollution. This will include: (1) Comprehension of why microorganisms have a global impact on human affairs(2) Analyze why socio-economic factors may be responsible for outbreaks of diseases (Example: Outbreak of Cholera in post disaster Haiti) |
| **Use of Results for Improving Student Learning** |
| *To be entered after each time course is taught* |

| **Global Learning Student Learning Outcome Addressed** | **Assessment Method** | Assessment Results |
| --- | --- | --- |
| **Global Engagement:** Students will be able to demonstrate willingness to engage in local, global, international, and intercultural problem solving. | Assessment Activity/Artifact:1. Multiple choice test questions2. Assignment: Writing a paper on selected microbiological topic3. Assignment: Giving oral presentation on a selected microbiological topicEvaluation Process:1. Number of correct responses2. Rubric for evaluation of assignmentsMinimum Criteria for Success:1. 3 out of 4 questions correct2. 70% on assignmentSample: All students will be assessed | *To be entered after each time course is taught* |
| **Course Learning Outcome** |
| Students will demonstrate a willingness to engage in disease prevention/intervention to address individual or global health problems, and other microbiological situations. This will include the development of the following abilities: (1) to analyze students’ own willingness to be involved in problem remediation regarding microbiological situations, and (2) to present their own plan for potential abatement of crisis situations caused by microbiological issues. |
| **Use of Results for Improving Student Learning** |
| *To be entered after each time course is taught* |