***Course Title & Number***: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Competency Area***: **SCIENTIFIC KNOWLEDGE / UNDERSTANDING** (Goal: Students will gain a broad base of scientific knowledge and methodologies in the natural sciences. This will enable them to develop scientific literacy, the knowledge and understanding of scientific concepts and processes

essential for personal decision making and understanding scientific issues.)

***Faculty submitting the Learning Outcomes***: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ***Date***: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**[Instructions:** *Please match the Learning Outcomes in the left hand column to those of the course you are submitting for Gen Ed approval. List the corresponding course outcomes in the right hand column to indicate a match*.]

|  |  |
| --- | --- |
| **BOR TAP’s Learning Outcomes** | **Corresponding Outcomes for Course Named Above** |
| 1. Communicate using appropriate scientific terminology. |  |
| 2. Use representations and models to communicate scientific knowledge  and solve scientific problems. |  |
| 3. Plan and implement data collection strategies appropriate to a  particular scientific question. |  |
| 4. Articulate the reasons that scientific explanations and theories are  refined or replaced. |  |
| 5. Evaluate the quality of scientific information on the basis of its source  and the methods used to generate it. |  |
|  | ***Additional Outcomes*** |