

## General Education Goal Area 3 – Natural Science

<b>Rubric</b>					
	Does not meet criteria for Beginning 0	Beginning 1	Developing 2	Proficient 3	Advanced 4
<b>Develop an understanding of scientific theories</b>	---	Student can identify a scientific theory.	Student can offer a definition of a scientific theory.	Student can describe the process used to develop a scientific theory.	
<b>Formulate and test hypotheses in either laboratory, simulation, or field experiences</b>	---	Student can formulate a hypothesis or theory.	Student can formulate a testable hypothesis or verifiable theory.	Student can formulate a testable hypothesis or theory and describe a simple experiment to test the hypothesis or theory.	Student can formulate a testable hypothesis or theory, conduct a simple experiment to test the hypothesis or theory, and evaluate the hypothesis or theory based upon the experimental outcome.
<b>Communicate his/her experimental findings and interpretations both orally and in writing</b>	---	Student can effectively communicate experimental data.	Student can effectively communicate experimental results.	Student can effectively interpret and explain experimental results.	
<b>Apply the natural science perspective to society issues</b>	---	Student can identify a relationship between the natural science perspective and a social issue.	Student can describe a relationship between the natural science perspective and a social issue.	Student can analyze a relationship between the natural science perspective and a social issue.	