

**General Education Scoring Guide for Natural Sciences**  
**COURSE ASSESSMENT RUBRIC**  
 Revised July, 2006

<b>Criteria</b>	<b>4-Accomplished</b> <i>Exceeds Course Expectations</i>	<b>3-Competent</b> <i>Meets Course Expectations</i>	<b>2-Developing</b> <i>Incomplete in Meeting Course Expectations</i>	<b>1-Beginning</b> <i>Inadequate in Meeting Course Expectations</i>	<b>N/A</b>
<b>Demonstrate an understanding of the methods used to carry out scientific inquiry</b>  <i>(GE Goal 7)</i>	Demonstrates superior understanding of the methods used in science	Demonstrates an understanding of the methods used in science	Demonstrates incomplete understanding of the methods used in science	Demonstrates inadequate understanding of the methods used in science	
<b>Explaining the major concepts of the natural sciences</b>  <i>(GE Goal 5)</i>	Fully comprehends major concepts and meaningful relationships of science	Adequately comprehends the major concepts of science	Incomplete comprehension of the major concepts of science	Inadequate comprehension of the major concepts of science	
<b>Applying scientific principles to make reasonable and valid conclusions</b>  <i>(GE Goal 2 &amp; 5)</i>	Consistently applies scientific principles to make reasonable and valid conclusions	Most of the time applies scientific principles to make reasonable and valid conclusions	Sometimes applies scientific principles to make reasonable and valid conclusions	Does not apply scientific principles to make reasonable and valid conclusions	
<b>Applying scientific knowledge to address issues of personal and public importance</b>  <i>(GE Goal 2,5,8)</i>	Consistently applies scientific knowledge to address issues of personal and public importance	Most of the time applies scientific knowledge to address issues of personal and public importance	Sometimes applies scientific knowledge to address issues of personal and public importance	Does not apply scientific knowledge to address issues of personal and public importance	
<b>Integration across course</b>  <i>(GE Goal 2,5,8)</i>	Fully integrates relevant information, meaningful concepts, and important principles	Integrates most relevant information, meaningful concepts, and important principles	Integrates some relevant information, meaningful concepts, and important principles	Fails to integrate relevant information, meaningful concepts, and important principles	