

## Natural Sciences The Human Experiences and Endeavors Curriculum

**Courses submitted for inclusion in the Natural Sciences Core must already exist or must be approved by the Undergraduate Council.**

Course Title:  
 Department and Course Number:  
 Instructor(s):

Please indicate below which *Student Action Steps*\*\* are appropriate for your course for each *Learning Outcome*\*. Using the bulleted instructions on page 2 of this form, please provide examples that explain how students will, through the use of *Student Action Steps*, achieve the *Learning Outcomes* in your course.

**Competency:** TCU graduates will be literate in the natural sciences.

<i>Learning Outcomes:</i>	<i>Student Action Steps:</i> Indicate which are to be used in your course or add others you will use to reach the selected <i>Learning Outcome(s)</i> .
Students will demonstrate a basic understanding of some of the methods of investigation in the natural sciences.	Students will explore investigation methodologies and principles through multiple experiences involving laboratory experiments, field studies, or simulations appropriate to the natural science discipline. [   ]  Other:
Students will demonstrate a basic understanding of some of the great ideas in the natural sciences.	Students will examine some of the major ideas appropriate to the area of study, including how such ideas resulted from a scientifically reasoned investigation. For each concept, principle, or theory, students will: describe it, review its history, determine its importance (including influences on other areas of study), review the evidence supporting it, and compare and contrast it with alternative concepts, principles, or theories. [   ]  Other:
Students will demonstrate a basic understanding of some of the relationships among the natural sciences, technology, and society.	Students will explore the relationships between science, technology, and society appropriate to the natural science discipline. Students will: describe the roles that each plays in the others' development, and identify the benefits and problems associated with each relationship. [   ]  Other:

\*The *Learning Outcomes* are statements of what we expect our students to know or be able to do upon completion of a course in that category.

