

**Committee on Instruction Five Year Course Review
Biological and Physical Systems**

Courses in Biological and Physical Systems undergo comprehensive reviews by the Faculty Senate Committee on Instruction in Spring of years ending in 0 or 5. The comprehensive review serves as justification for a course's continued inclusion in the General Education Core curriculum. A course review packet consists of (1) this completed form and (2) a copy of the most recent syllabus for this course. Once you have assembled the review packet, submit the packet to the current Chair of the Faculty Senate Committee on Instruction and to Stephanie Kolitsch (styler@utm.edu). The Faculty Senate web page lists the current committee chairs and committee memberships (see the "Faculty Senate and Committee Memberships" link). Packets are due by January 31 of the review year.

Course: _____ Date Submitted: _____

Department: _____ Contact Person: _____

The tables below list the student learning outcomes for Biological and Physical Systems. The first table lists outcomes through the 2017-18 academic year. The second table lists the outcomes effective with the 2018-19. In some cases, departments may have chosen to assess the newer outcomes in 2017-18.

For each outcome, indicate whether assessment benchmark(s) have been MET or NOT MET for each of the five previous years. If assessments for an outcome were not conducted during a particular year, indicate so by typing NA.

Outcome (through 2017-18 catalog)	Results from:			
	2014-15	2015-16	2016-17	2017-18 (if applicable)
1. Students will employ basic scientific language and processes that distinguish between scientific and non-scientific explanations.				
2. Students will conduct an experiment to test a scientific hypothesis.				
3. Students will apply theories of natural diversity, unifying principles, and repeatable patterns in nature to scientific problems or issues.				
4. Students will analyze the impact of scientific discovery on human thought and behavior.				

Outcome (beginning with 2018-19 catalog)	Results from:	
	2017-18 (if applicable)	2018-19
1. Students will demonstrate an understanding of the basic concepts in a discipline of science.		
2. Students will demonstrate any or all of the following: the application of the scientific method, laboratory techniques, and/or data analysis for reasoning and problem solving.		

Summarize any efforts to enhance student learning that have been implemented in this course during this five-year time period. Where feasible, discuss evidence of how these efforts have impacted student learning. (This narrative should not simply be cut-and-pasted from annual assessment reports. Instead, the narrative should represent the cumulative examination of the past five years of annual assessment and should reflect a broader analysis of the longitudinal results of efforts to enhance student learning in this course.)

Attach a copy of the most recent syllabus for this course. Submit the completed review packet to the Chair of the Faculty Senate Committee on Instruction and to Stephanie Kolitsch (styler@utm.edu) by January 31 of the review year.