CORE CURRICULUM COMMITTEE **COURSE APPROVAL FORM**

Natural Sciences

The CCC uses the following criteria to determine whether a course should be included in the core:

1. The course should be a 1000- or 2000-level course. (In some situations, the CCC will consider 3000- or 4000-level courses, but such courses must fulfill all other criteria clearly.)
2. The course must be designed for any student to take as part of his or her general university education (as opposed to courses designed primarily for a major or specialization).
3. The course must not have any pre-requisites within the same core category the course is meant to fulfill (unless there is a clear sequence of courses in the category, such as MATH 1300 and MATH 2300).
4. In the case of sequenced courses, both courses must be submitted together and approved as a single category offering.
5. The course syllabus must contain the exact wording from the University Catalog for the objective of the Core Curriculum the course is intended to satisfy.
6. Cross-listed courses should be submitted together and clearly designated as core course options.
7. The course syllabus must begin with a course purpose statement, which must specify to students that the course fulfills the requirements for a particular core category.
8. Following the course purpose statement is the competency statement for the natural sciences: **Students graduating from Texas Tech University should be able to demonstrate the ability to: explain some of the major concepts in the natural sciences and to demonstrate an understanding of scientific approaches to problem solving, including ethics.**
9. Following the competency statement should be a list of learning outcomes. At least one of the outcomes specified by the CCC for that Core Curriculum category must be included in the list of learning outcomes. The learning outcomes for natural sciences are as follows:

   1)Demonstrate knowledge of the scientific method and to contrast it with other ways of understanding the world.

   2)Demonstrate knowledge of the tools and methods used by scientists to study the natural world.

   3)Explain some of the major theories in the natural sciences.

   4)Describe how natural sciences research informs societal issues, including ethics.
10. The learning outcome statements must follow best practices for measurability and include methods of assessment *for each outcome*. Each outcome must be directly paired with one or more assessment methods. A concise introduction to assessment is available on the Office of Planning and Assessment website: http://www.depts.ttu.edu/opa/resources/docs/Writing_Learning_Outcomes_Handbook3.pdf. The learning outcome statements must align with and contribute to the appropriate core category outcome statement.

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Core Area for which course is submitted:_____

Approval procedure: Please attach a general course syllabus or, in the case of multiple sections with different syllabi, a separate syllabus for each section as appropriate.

Course submissions need to be approved at the department and college levels prior to submission to the CCC. Please insure that the appropriate individuals/committees have approved and signed your submission before forwarding the complete form to the CCC. Completed submissions should be directed to Gary Elbow, Chair, Core Curriculum Steering Committee, Office of the Provost, MS 2017.

_____
Course Number

_____
Course Title

_____
Number of sections to be offered per year

_____
Estimated total enrollment per year

Course description from the university catalogue:

Please provide information that addresses each of the following in aid the committee in determining the eligibility of the course for inclusion in the Core Curriculum.

1. How does the course contribute to the goal of undergraduate students acquiring the core competency in natural sciences?

2. How does the course content and delivery address one of the learning outcomes stated above?

Requestor (Name, Title, Department) Date

Departmental Approval Date

College Approval Date