# Natural Science

General-education course proposals must include **this page**, the **Criteria Response,** and a **syllabus** that includes a calendar. Send the general-education coordinator this sheet, signed by those listed below, via interoffice mail. Send the entire completed form and syllabus electronically to the coordinator, at [ger@ysu.edu](mailto:ger@ysu.edu).

*Note: Cells will expand as you type in them (this is a Word table). You can also copy material into the cells from other documents as needed.*

|  |  |  |
| --- | --- | --- |
| Department or Program: | | |
| Course number, title, and catalog description: | | |
| Faculty teaching the course: | | |
| Estimated number of sections to be offered in | Fall semester: | Spring semester: |
| Other departments requiring this course: | | |

|  |  |
| --- | --- |
|  | |
| Department or program chair signature | Date |
|  | |
| Dean’s signature | Date |
|  | |
| Coordinator, GEC, signature | Date |
|  | |
| Chair, Academic Senate, signature | Date |

# Criteria Response

To be included in a knowledge domain a course must:

1.    Clearly meet the learning outcomes of one of the domains

2.    Provide students with an introduction to an academic discipline or a primary subdivision of that discipline

3.    Be open to all students with the appropriate prerequisites and service significant numbers of students from different academic programs

To be included in the Natural Sciences knowledge domain a course must address learning outcomes 2, 3, and 4. To count as a lab science course it must also meet learning outcome 1.

Learning Outcomes

1. Students will successfully perform an experiment to test a hypothesis including the collection and analysis of data.
2. Students will demonstrate the knowledge and application of scientific principles.
3. Students will use and interpret formulas, graphs and tables.
4. Students will demonstrate understanding of the interactions of science, technology and society.

In evaluating courses the committee will consider the frequency with which the course is included in the general education programs at other state universities in Ohio.

Please describe how the course satisfies the criteria above.