GE Course Self-Review

Area B.5 Implications and Explorations in the Natural Sciences and Mathematics/Quantitative Reasoning

Please use this form to evaluate whether your course follows all GE course requirements, and modify your course to incorporate missing elements.

**GE course:** Click or tap here to enter text.

# GE Syllabus Requirements

Please check that your syllabus meets each of these requirements:

Your syllabus states that the course satisfies GE Area B.5.

Courses in B.5 have a substantial scientific, mathematical, and/or quantitative reasoning content and require completion of appropriate courses in subareas B.1-4 as prerequisites to enrollment. Your syllabus lists prerequisites and corequisites.

Your syllabus states that the writing in the course meets the GE writing requirement.

Your syllabus clearly explains how the GE writing requirement will be met.

Your syllabus clearly explains how the GE writing requirement will be assessed.

Your syllabus includes the following required grading statement: “A grade of D (1.0) or higher is required to meet this General Education requirement. A grade of D- (0.7) or below will not satisfy this General Education Requirement.”

Your syllabus includes the following link to the student information for course syllabi website: <https://fdc.fullerton.edu/teaching/student-info-syllabi.html>.

# Writing Requirements

Please check that your course meets each of these requirements:

Your course includes student writing appropriate to the course.

The writing in your course involves the organization and expression of complex data or ideas.

The instructor provides careful and timely evaluations of writing so that deficiencies are identified and suggestions are offered for improvement on subsequent writing in the course.

Evaluation of the students’ writing competence is used in determining the final course grade.

# Student Learning Objectives Requirements

Your GE course is required to meet a preponderance of the GE student learning objectives for Area B.5 from UPS 411.201. Please rate how well and explain how each of the objectives below is addressed and assessed in your course. For the rating, use the following scale:

0 - no indication that the course meets the objective

1 - weak indication that the course meets the objective

2 - satisfactory evidence that the objective is met (mostly or entirely)

3 - strong evidence that the objective is met (mostly or entirely)

## Area B.5 Learning Objectives

Courses in this subarea draw upon, integrate, apply, and extend knowledge and skills previously acquired in subareas B.1-4. Students taking courses in subarea B.5 shall

◻ a. Integrate themes in science, mathematics, and/or quantitative reasoning from cross-disciplinary perspectives.  
Click or tap here to enter text.

◻ b. Solve complex problems that require science, mathematics, and/or quantitative reasoning.  
Click or tap here to enter text.

◻ c. Relate science, mathematics, and/or quantitative reasoning to significant social problems or to other related disciplines.  
Click or tap here to enter text.

◻ d. When deemed appropriate, apply disciplinary concepts from mathematics and the natural sciences in a variety of settings, such as community-based learning sites and activities.  
Click or tap here to enter text.