

Math Courses

UCGE Proposal Criteria & Suggestions

The University of Idaho Faculty are invited to submit proposals for, or revisions to, the Mathematical Ways of Knowing courses of the general education curriculum.

SBOE Guidelines for General Education Math Courses:

Definition:

Coursework in this area is intended to develop an understanding of mathematical reasoning processes and the ability to utilize these processes to solve college-level mathematical problems.

Competency and Knowledge Objectives:

To meet the mathematics requirement of the general education core, courses must cover the competency/knowledge objectives below.

1. Interpret mathematical concepts.
2. Represent information/data.
3. Use appropriate strategies/procedures when solving mathematical problems.
4. Draw reasonable conclusions based on quantitative information.

Updated competencies approved by SBOE 10-21-2021

Proposals should consist of the following:

- **Instructor:** Name and title of instructor.
- **Course Outline and Description:** In one to two pages, describe the course and its objectives and provide a course outline/syllabus. Please include a list of likely materials and activities included in the course and discuss how the course emphasizes and measures five SBOE competencies (above). Identify a specific signature learning activity or assignment (e.g., test, exam, written paper, oral presentation, collaborative project, poster, etc.) of the course that directly emphasizes and is integrated with more than one of the SBOE competencies that will be used to gauge student achievement. The course syllabus should also be included in the course proposal packet to supplement this information.
- **Department Support:** A signature line indicating department support for the course.

For assistance with the course proposal, contact:

Dean Panttaja, Director of General Education and Assessment at panttaja@uidaho.edu

or visit the General Education, Resources for Faculty page at:

<https://www.uidaho.edu/academics/general-education/faculty-advisor-information/faculty>

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