

CRITERIA FOR IDENTIFICATION OF COURSES SATISFYING THE UNIVERSITY WRITTEN ENGLISH AND MATHEMATICS REQUIREMENT

Written English Requirement: 'W' Courses

Minimum requirements for a course to qualify for approval as meeting the written English requirement as approved by Senate include:

1. There must be a minimum of either three pieces of written work, each 3 to 5 pages in length, or two pieces of written work, each of 6 to 8 pages in length.
2. There must be a minimum of 3,000 words in total.
3. There must be feedback on style as well as content.
4. The written work must include a description or argument that is clear, concise, and logically constructed and that reflects an appropriate awareness of the audience or readership being addressed.

Mathematics Requirement: 'M' Courses

In terms of functional 'outcomes', the University's requirement in Mathematics may be satisfied in two ways:

1. Students may complete one or more university-level credit courses in a branch of mathematics including, but not limited to, mathematics, applied mathematics, and statistics.
2. Students, typically those whose programs do not normally contain such courses as mentioned in (1) above, may complete a course designed to develop an understanding of the nature and context of mathematics. This course should address the following topics at least:
 - The nature of proof
 - The independence of mathematical systems from the world
 - The relationship between mathematics and the world

In addition to developing an appreciation of such conceptual matters, and so as to illustrate them and their understanding of them, students should learn, review, or extend their abilities to:

- Write mathematical expressions so as to represent problems
- Manipulate such expressions and interpret the results in terms of the original problem
- Use appropriate mathematical language, both in discussion of concepts and in the illustrations of them