

2016

UNO Website-GenEd Committee-Mathematics

UNO General Education Assessment Committee
University of Nebraska at Omaha

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Mathematics

Approved Courses

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Building a Foundation for Advanced Academic Study

Proficiency in reading, quantitative skills, and written/oral expression are essential for professional success and effective citizenship. The courses in fundamental academic skills are designed to provide the foundation for advanced academic study.

Questions?

If you have questions about General Education, please contact us at unogened@unomaha.edu.

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Algebra is a foundational branch of mathematics that involves operations and relations, and which emphasizes the process of formulating, solving, interpreting, and applying equations of many different types to solve many different real-world problems, using systems of abstract symbols. It is a branch of mathematics with significant applications across a wide variety of disciplines.

Fundamental academic skills, consisting of Mathematics, English & Writing, and Public Speaking coursework, comprise 15 hours of the general education requirements. Students must complete three credit hours of Mathematics coursework.

Student Learning Outcomes

Successful students shall be able to do the following:

- demonstrate competency in quantitative reasoning that applies algebra;
- demonstrate competency in symbolic reasoning in the solution to real-world problems;
- demonstrate competency in computational reasoning as it relates to the application of algebraic processes and concepts; and
- demonstrate an ability to solve real-world problems using quantitative, logical, or computational approaches that are typical of mathematical thinking.

Please see the table below for a list of Mathematics courses that have been approved for inclusion in the general education curriculum.

Mathematics Approved Courses

Course Number	Course Title	Credits	Prerequisite
MATH 1310	Intermediate Algebra	3	YES

Students with an ACT MATH score of 23 or higher or a SAT MATH score of 540 or higher, are considered to be proficient in MATH 1310. The Math Placement Exam or Compass Exam into MATH 1320 or higher does not equal proficiency of MATH 1310.

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