

The Registrar was notified of a typo below in the description of the Mathematics Exploration within the Compass Curriculum after the 2016-2017 catalog had gone to print. The addendum is in red.

Explorations in Mathematics

Description

In the Exploration of Mathematics, students will study and solve pure and applied mathematical problems from both visual and analytic perspectives, through 4-credit hours of course work or equivalent proficiency. The courses that satisfy this requirement will develop the student's ability to convert conceptual information into problems that can be solved using standard mathematical and geometrical tools, solve the problems, and interpret the results.

Student Learning Goals

Students will:

- Accurately interpret and explain information presented mathematically and graphically.
- Quantify problems, apply abstract symbolic manipulation or reasoning, and interpret the results.
- Understand how the computational skills taught apply in contexts both within and outside mathematics.
- Explicitly describe assumptions in estimation, modeling, or data analysis, and make appropriate inferences with critical thinking.
- Develop and interpret mathematical models of raw data, or physical or social phenomena.

Specific Methods for Fulfilling the Requirement

- an ACT math subscore of 28 or higher
- an SAT math subscore of 630 or higher
- college mathematics transfer credit the equivalent of **College Algebra** or higher
- any Millsaps mathematics course approved by the Compass Council