

MATH& 107 : Math in Society

Credits 5

Quarter Offered Fall, Winter, Spring, Summer

A study of a variety of mathematical topics for non-science majors. The topics covered may differ between sections, but may include problem solving strategies, logic, set theory, number theory, mathematics of finance, probability and statistics, or geometry. This class may include students from multiple sections. (Quantitative Skills, Natural Sciences, Elective)

Prerequisites

P in [MATH 90/91](#) or equivalent

Course Outcomes

[MR] Mathematical Reasoning: Students will read a complex problem requiring quantitative and/or symbolic analysis, use flexibility in selecting a solution strategy, and impose an appropriate mathematical structure or mathematical procedure in solving the problem.

[MH] Mathematical Habits of Thought: Students will determine the reasonableness and implications of mathematical solutions, and will recognize the limitations of the methods used in context.

[MDM] Mathematical Decision-Making: Students will apply mathematical processes and solutions in making personal and societal choices.

[MC] Mathematical Communication: Student will use appropriate representations to effectively communicate, orally and in writing, quantitative results and mathematical processes.

[MS] Mathematical Symbols, Techniques & Computation: Students will demonstrate proficiency in the skills supporting mathematical understanding.