

# MATH 115: Mathematics in Society

A quantitative reasoning course designed to develop math literacy by considering common occurrences of mathematics topics encountered through living in today's world. Topics include logical reasoning with sets, interpretation of data, using functional models in real-world applications such as growth and personal finance, basics of probability and statistics with an emphasis on interpreting results, and the design of voting systems by apportionment.

**Credits:** 3

**Prerequisites:**

SAT mathematics score of at least 530 or an ACT mathematics score of at least 21 or **MATH 013** with a grade of C- or higher or permission of the department.

**Program:** **Mathematics**