
Math 101: Sets, groups, and geometry

[Professor Laura DeMarco](#)

This course is an introduction to abstract mathematical thought and proof-writing techniques, via topics including set theory, group theory, and geometry.

Lectures will be held Tuesdays and Thursdays at 12pm. A discussion section, run by Course Assistants, will likely be held Friday at 12pm.

There will be weekly problem sets. Student participation during lecture is expected.

Prerequisites: At least one year of Calculus. Experience with Linear Algebra is helpful but not necessary.

The image here is the Julia set of a particular complex polynomial of degree 7 with a large amount of symmetry, illustrating a set, a group, and its geometry.