

AMAT 842: SEMINAR IN TOPOLOGY
SYLLABUS - FALL 2025

Instructor: Prof. Matt Zaremsky

Course meets: MW 11:40am–1:00pm in Hudson B003

Course Website: <http://www.albany.edu/~mz498674/teaching.html>

Office: Hudson 113

Email: mzaremsky at albany dot edu

Office hours: F 10am–1pm, in my office (and I am very on top of email, if you can't make it to this)

1. TEXTBOOK

None, I'll be working out of various papers.

2. COURSE DESCRIPTION

"Geometric group theory" – The first half of the course will mostly serve as an introduction to geometric group theory, and the second half will focus on special topics.

3. PREREQUISITES

None officially, but it would definitely help to have graduate-level group theory and topology down pat.

4. HOMEWORK/GRADING

This is a topics course so things will not be overly formal, but there will likely be some homework problems here and there, and probably a final project.

5. POLICIES

See university policies [here] (medical excuse policy), and [here] (academic integrity).

"Instructors must explicitly refer to New York State Education Law (Section 224-A) whereby campuses are required to excuse, without penalty, individual students absent because of religious beliefs, and to provide equivalent opportunities for make-up examinations, study, or work requirements missed because of such absences. Faculty should work directly with students to accommodate religious observances. Students should notify the instructor of record in a timely manner."