

AMAT 842: SEMINAR IN TOPOLOGY
SYLLABUS - SPRING 2024

Instructor: Prof. Matt Zaremsky

Course meets: TR 12:00–1:20pm in Earth Science 108

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

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Office hours: W 9am–12pm, in my office Catskill 393

1. TEXTBOOK

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

2. COURSE DESCRIPTION

“Infinite simple groups” – We'll talk about the current state of the art for infinite simple groups, mostly focusing on those in the extended family of Thompson's groups, with a special emphasis on the Boone–Higman conjecture.

3. PREREQUISITES

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

4. HOMEWORK/GRADING

There will be a final project for the University Showcase, see [UAlbany Showcase Day].

5. POLICIES

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