206.1.2261  **Geology of Israel**  2.0 credits
Moshe Eyal, Chaim Benjamini
Prerequisites 206-13021, 206-12101, 206-11041

**Course Requirements:**
12-13 2-hour lectures, no attendance requirement. Latecomers may not be admitted.

**Grading:**
Final exam, 100% on all material given in lecture.
Source material will be put on High Learn server from time to time.

**Syllabus:**
1. Morphotectonics
2. Precambrian: Genesis and metamorphic history of the Arabian-Nubian Massif
3. Precambrian magmatism
4. L Paleozoic Yam Suf Group in Israel and neighboring countries.
5. M-Upper Paleozoic Negev Gp: transition to Mesozoic style
6. Triassic Ramon Group: stratigraphy and tectonism
7. Jurassic Arad Group: stratigraphy of Israel and the Arabian Plate
9. M. Cretaceous – Judea carbonate platform (or maybe not!)
10. The U. Cretaceous/Paleocene – Mt. Scopus Group – detachment from global stratigraphy; Syrian Arc I
11. The Avedat Group and the Eocene enigma
12. Upper Tertiary emergence; Syrian Arc II; Rift Valley