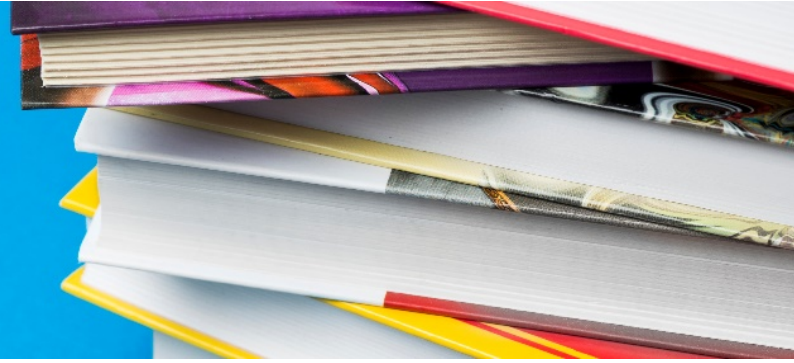




Full Syllabus



Course Title

Advanced topics in plant sciences

Lecturer

Yuval Sapir and Michal Gruntman

Semester

A

Course requirements

Final grade components

Active participation (10%), paper presentation (30%), mid-term task (30%) and final task (30%)

Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Introduction to plant communication: eavesdropping, cheating and true communication
2	Plant-pollinator communication: floral signals
3	Plant-pollinator communication: pollination syndromes
4	Plant-pollinator communication: honest signaling and cheating
5	Plant-pollinator communication: pollinator-mediated flower signaling evolution
6	Plant-disperser communication: communication with granivores
7	Plant-disperser communication: communication with frugivores
8	Plant-disperser communication: dispersal syndromes
9	Plant-plant communication: communication above and belowground
10	Plant-plant communication: kin and non-kin cooperation
11	Plant-plant communication: stress and defense signaling
12	Plant-antagonist communication: aposematism and protective mimicry
13	Plant-antagonist communication: tri-trophic interactions

Required course reading

Optional course reading

Comments



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Full Syllabus

