



Syllabus

PLANT ECOLOGY - 71910

Last update 23-02-2016

HU Credits: 3

Responsible Department: *plantsciences in agriculture*

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Rehovot

Course/Module Coordinator: Prof Jaime Kigel

Coordinator Email: kigel@agri.huji.ac.il

Coordinator Office Hours: by appointment

Teaching Staff:

Ms. Hagar Leshner
Prof Jaime Kigel

Course/Module description:

Phytogeography: distribution of plants in the world. Phytosociology: plant societies and their characterizations.

Mediterranean vegetation, in desert, rural and on the coast. Richness and variety of species. Morphological and Physiological adjustments to environmental conditions. Ecootypes. Invasive plants. Plants interaction between competition and relief. Disturbance (grazing, fire) and dynamics of plants. Life cycles and reproductive strategies in plants.

Course/Module aims:

Accruing basic terms of plant ecology. Understanding processes in plant societies and thier effects on environmental factors

Learning outcomes - On successful completion of this module, students should be able to:

Familiar with the reason for structures of vegetation and processes in the plant society

Attendance requirements(%):

90

Teaching arrangement and method of instruction: Frontal lectures, reading and discussions

3 field trips + reports

Course/Module Content:

hytogeography: distribution of plants in the world. Phytosociology: plant societies and their characterizations.

Mediterranean vegetation, in desert, rural and on the coast. Richness and variety of species. Morphological and Physiological adjustments to environmental conditions. Ecootypes. Invasive plants. Plants interaction between competition and relief. Disturbance (grazing, fire) and dynamics of plants. Life cycles and reproductive strategies in plants.

Required Reading:

-

Additional Reading Material:

-

Course/Module evaluation:

End of year written/oral examination 85 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 15 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

none