The Hebrew University of Jerusalem

Syllabus

FISH BIOLOGY AND ECOLOGY - 71836

Last update 27-01-2015

<u>HU Credits:</u> 4

<u>Degree/Cycle:</u> 2nd degree (Master)

<u>Responsible Department:</u> animal sciences

<u>Academic year:</u> 3

<u>Semester:</u> 2nd Semester

<u>Teaching Languages:</u> Hebrew

<u>Campus:</u> Rehovot

<u>Course/Module Coordinator:</u> Dr. Daniel Golani

<u>Coordinator Email:</u> dani.golani@mail.huji.ac.il

<u>Coordinator Office Hours:</u> By appointment only

<u>Teaching Staff:</u>

Dr. Daniel Golani
Mr. Gilad Yamin
Mr. Snir Azaria

Course/Module description:
The course covers the following topics: anatomy and physiology, evolution and adaptations to habitats; zoogeography; feeding habits in fish; growth in fish; spawning and life history strategy and _ population dynamics. Study of three fish faunas of Israel's fresh water, the Mediterranean Sea and the Red Sea

Course/Module aims:
To obtain knowledge of general Ichthyology with an emphasis on fishes of Israel

Learning outcomes - On successful completion of this module, students should be able to:
Recognize processes of zoogeography and dynamics of fish populations; Identify the fish of Israel Identify the human impact on the marine environment

Attendance requirements(%):
100 for labs and field trip; not required for lectures

Teaching arrangement and method of instruction: lectures, labs, tours

Course/Module Content:
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Required Reading:
To be determined during the course

Additional Reading Material:
None

Course/Module evaluation:
End of year written/oral examination 80 %

Presentation 0 %
Participation in Tutorials 0 %
Project work 0 %
Assignments 0 %
Reports 20 %
Research project 0 %
Quizzes 0 %
Other 0 %

<u>*Additional information:*</u>
  None