



The Hebrew University of Jerusalem

Syllabus

RESEARCH METHODS IN ENVIROMENTAL SCIENCES - 73937

Last update 29-10-2024

HU Credits: 4

Degree/Cycle: 2nd degree (Master)

Responsible Department: Environmental Quality Sciences

Academic year: 0

Semester: 2nd Semester

Teaching Languages: English

Campus: Rehovot

Course/Module Coordinator: eran.tas@mail.huji.ac.il

Coordinator Email: eran.tas@mail.huji.ac.il

Coordinator Office Hours: by appointment

Teaching Staff:

Dr. Eran Tas

Course/Module description:

Individual practical work in research labs to learn, hands-on scientific methodologies in the fields of environmental sciences, ecology, pollution and conservation.

Course/Module aims:

Familiarize the students with cutting edge research methods and provide them with practical experience in the conduct of scientific research.

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

the students will gain hands-on research experience and learn specific methodologies used in environmental studies, both in theory and in practice. They will be trained to perform laboratory and/or field experimental procedures, take measurements, analyze data and present the obtained results.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Practical lab research

Course/Module Content:

lab work

Required Reading:

specific to each project

Additional Reading Material:

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 60 %

Presentation / Poster Presentation / Lecture/ Seminar / Pro-seminar / Research

proposal 40 %

Additional information: