



# *The Hebrew University of Jerusalem*

## *Syllabus*

### **ENVIRONMENTAL HEALTH - 98409**

*Last update 16-04-2024*

*HU Credits:* 2

*Degree/Cycle:* 2nd degree (Master)

*Responsible Department:* Public Health

*Academic year:* 0

*Semester:* 2nd Semester

*Teaching Languages:* Hebrew

*Campus:* Ein Karem

*Course/Module Coordinator:* Dr. Raanan Raz

*Coordinator Email:* [razraanan@gmail.com](mailto:razraanan@gmail.com)

*Coordinator Office Hours:* please coordinate by email

*Teaching Staff:*

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Prof Raanan Raz

Course/Module description:

*This course is intended for students with formal background in epidemiology, public health and statistics, and is presenting the role of the environment in health.*

Course/Module aims:

*The course aims to provide the student state-of-the-art tools in Environmental Health research and practice.*

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

- 1. Discuss the main issues in environmental and occupational health.*
- 2. Explain and discuss common methodological issues in environmental health.*
- 3. Define and recommend specific policy steps to promote environmental health.*

Attendance requirements(%):

90

*Teaching arrangement and method of instruction: Online learning + complementary meetings*

Course/Module Content:

- 1. Introduction to environmental health*
- 2. Research methods in environmental health*
- 3. Air quality*
- 4. Endocrine disruptors*
- 5. Pesticides*
- 6. Ionizing and non-ionizing radiation*
- 7. Other topics (noise, water/soil, climate change, built environment and others)*
- 8. Occupational health*
- 9. From science to policy*
- 10. Environmental health and the society*

Required Reading:

*Materials from the course website in Moodle*

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Additional Reading Material:

Grading Scheme:

Written / Oral / Practical Exam 90 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports  
/ Forum / Simulation / others 10 %

Additional information: