

The Hebrew University of Jerusalem

Syllabus

Research and innovation in military medicine - 75361

Last update 17-01-2022

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Military Track Medicine

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr.Tomer Erlich, Dr. Shachar Shapira

Coordinator Email: tomer.erlich@gmail.com

Coordinator Office Hours: By appointment

Teaching Staff:

Dr. Aya Bardugo,
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Ms. Dorit Tzur,
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Dr. Orly Rofo,
Dr. Yossi Ben Michael,
Dr. Nirit Yavnai,
Dr. Sharon Ohayon Cohen,
Dr. Amir Shlaifer,
Prof Yehuda Zadik,
Prof Arik Eisenkraft,
Mr. Itay Ketko,
Mr. Raeed Kayouf,
Dr. Efrat Maayan Cheifetz,
Dr. Oded Ben-Ari

Course/Module description:

Lectures about medical research and military medical reserch. Teaching about the different aspects of the research and giving tools for conducting a miliray medical research.

Presentation of of the most influential studies that were performed by IDF physicians in military settings and had a profound effect (within the IDF or globally) on disease prevention policy and/or clinical treatment in differnet branches of the IDF medical corps.

Course/Module aims:

Teaching how to conduct a good clinincal military medical study.

Exposing the student to monumental and high-academic quality studies in the various fields of military medicine.

Exposing the student to central databases that could be used to medical studies in the IDF

Facilitating the conceptualization of a leading theme to MD final project (Avodat Gmar)

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

Getting familiar with the steps of conduction of a military medical reaserch, familiarization with medical research legacy of the IDF and with central databases that can be potentially used for medical research

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Attendance in all lectures is mandatory in this course.

Workshops in small groups.

Course/Module Content:

1. Introduction- to the course and to the final task.
2. Series of lectures teaching how to conduct a research detailing the requirements and manner of work in each and every step
3. Mid semester workshop
4. Series of letcures exposing the srtudents to studies in various topics in different military medical / Dental medical domains.
5. Final task presentation in several sessions.

Required Reading:

Will be uploaded to the course moodle site.

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 80 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %
Other 20 %
attendance

Additional information: