



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *INTERNAL MEDICINE - FOURTH YEAR - 96410*

*Last update 17-08-2023*

*HU Credits: 9*

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

*Responsible Department: Medicine*

*Academic year: 0*

*Semester: Yearly*

*Teaching Languages: Hebrew*

*Campus: Ein Karem*

*Course/Module Coordinator: Jacob Strahilevitz*

*Coordinator Email: [jstrahilevitz@hadassah.org.il](mailto:jstrahilevitz@hadassah.org.il)*

*Coordinator Office Hours: by appointment*

*Teaching Staff:*

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Dr. Nitzan Tal,  
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Amit Ashash,  
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Ms. Alona Peretz,  
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Dr. bashir orjowan,  
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Dr. Rafael Hitter,  
Dr. Tamar Khana plotkin,  
Dr. WARREN IZKOV,  
Dr. Hefziba Green,  
Dr. Alena Kirzhner,  
Irina Efimov,  
Ilona Hrechkan,  
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MIRIAM BEIDERMAN,  
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Dr. Haim Shmueli,  
Alisa Pitsul

Course/Module description:

*First clerkship in internal medicine: integration of theoretical and practical knowledge learned in the foundation sciences with clinical skills appropriate to general internal medicine, including history taking, physical examination and use of diagnostic procedures to establish a differential diagnosis and a plan of investigation and therapy.*

Course/Module aims:

*The development by the student of the ability*

- to accurately record and present to colleagues the history and physical examination of the patient, an assessment of her/his problems and a differential diagnosis*
- to formulate a plausible diagnostic and treatment plan*
- to maintain patient confidentiality and dignity while conducting necessary communication with the patient, her/his family and professional colleagues concerned with her/his care.*

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

*After successful completion of the clerkship, the student will be able to*

- 1. Describe common clinical problems using professional terminology from the foundation and clinical sciences.*
- 2. Collect information (medical history) that will advance decision-making about the patient's problem.*
- 3. Perform a complete physical examination on each patient or (in selected patients) a focused physical examination to evaluate a possible/suspected diagnosis.*
- 4. Select laboratory tests and other investigations that will advance the diagnosis and the interpretation of common pathological findings.*
- 5. Explain the clinical reasoning process, including differential diagnosis, in a logical and reasonable order, using acceptable medical language.*
- 6. Prepare proper documentation of medical history and examination, follow-up and*

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- discharge letter, including familiarity with and use of electronic medical records
7. Identify an urgent clinical problem and detail the clinical reasoning process that leads to a decision about the most appropriate initial treatment, and the probable cause of the problem.
  8. Demonstrate wise/intelligent use of online information resources to critically evaluate relevant medical literature and make clear and coherent decisions regarding diagnosis, therapy and communication with patient, family and staff.
  9. Conduct effective communication while maintaining respect for colleagues, staff, patients and their families/representatives while emphasizing a patient-centered approach.
  10. Behave in a professional manner - adhere to boundaries, ethical conduct, teamwork and medical confidentiality, and promote patient safety, including prevention of infection transmission and avoidance of harm.
  11. Adjust the therapeutic approach to the culture of the patient and his family while promoting the provision of accessible, equitable and fair medical care.

Attendance requirements(%):

Attendance is compulsory according to the program determined by each department. Absence exceeding one week will require a catch-up period to complete the clerkship, or repeat of the whole clerkship.

An online attendance reporting system may be implemented

Teaching arrangement and method of instruction: Bedside learning and instruction, submission and presentation of medical history and physical examination reports, Participation in departmental activities, group teaching.

Course/Module Content:

1. Cardiovascular disease
2. Respiratory system diseases
3. Gastrointestinal, liver and digestive disorders
4. Endocrine and metabolic diseases
5. Kidney and urinary tract diseases
6. Circulatory system diseases
7. Rheumatic, inflammatory and autoimmune diseases
8. Infectious Diseases
9. Malignant diseases: risk factors, clinical manifestations, diagnostic measures, treatment principles.
10. Emergencies in Internal Medicine
11. Diseases of old age
12. Clinical Pharmacology
13. Issues in Ethics and the End of Life



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Required Reading:

*Harrison's Principles of Internal Medicine including part 2: Cardinal Manifestations and Presentation of Diseases*

Additional Reading Material:

1. A textbook in Diagnostic Examination, such as selected chapters by Barbara Bates as well as by DeGowin & DeGowin
2. Cecil, full or abbreviated edition.
3. Selection of lectures given in the Introduction to Clinical Medicine.
4. The material taught in the department.

Grading Scheme:

Other 100 %

Additional information:

The grade for the fourth year internal medicine course consists of the following components:

The department manager's grade, according to the indicator form, constitutes 70% of the department's grade.

Carrying out assignments, including submitting medical history and physical examination reports, performing Emergency Department and Medicine department shifts, simulation with a tutor and other activities in the department. All activity must be reported online and approved.

The teaching staff in each department may add additional components to the evaluation grade, provided that these are known to the student in advance. All assignments can contribute up to 30% of the class grade.

The evaluation grade will be given according to the categories of fail/pass/very good/excellent. A passing grade in a class evaluation is 60% (threshold value of "pass").

The grade of the round in the department constitutes 25% of the final grade in the course (which, as mentioned, consists of 70% grade of the department manager and 30% according to the performance of the assignments) and the remaining 75% is the grade of the written test.