

REQUIREMENTS

<p>Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme</p> <p>Name of the host institution (and any contributing institutions): Semmelweis University, Faculty of General Medicine, Department of Internal Medicine and Hematology</p>			
<p>Name of the subject: Belgyógyászat nyári gyakorlat</p> <p>in English: Internal medicine summer practice</p> <p>in German: Innere Medizin Sommerpraktikum</p> <p>Credit value: 2</p> <p>Semester: 6 <i>(as defined in the curriculum)</i></p>			
Total number of classes per week:	lectures:	practical lessons: 8 hours/day	seminars:
40			
<p>Type of subject: <u>compulsory</u> optional elective</p> <p>(PLEASE UNDERLINE AS APPLICABLE)</p>			
<p>Academic year: 2023-24</p>			
<p>Language of instruction, for optional or elective subjects: English</p>			
<p>Course code: AOKNSG893_1A</p> <p><i>(In the case of a new subject, this cell is filled in by the Dean's Office, following approval)</i></p>			
<p>Course coordinator: Dr. Masszi Tamás</p> <p>Place of work, phone number: Department of Internal Medicine and Hematology, +36-1-375-4364</p> <p>Position: Head of the Department</p> <p>Date and number of habilitation: 2010.06.07., number: 305</p>			
<p>Objectives of the course and its place in the medical curriculum:</p> <p>The main purpose of the summer internship in internal medicine after the 6th semester is to practice the technique of history taking and physical examination, to get to know practical clinical work in detail, to participate in it, and to apply the knowledge gained from preclinical subjects. Learning the basics of the integrative approach to internal medicine, practicing differential diagnosis.</p>			
<p>Place of instruction (address of lecture hall or seminar room etc.): Semmelweis University, Department of Internal Medicine and Haematology 1088 Budapest, Szentkirályi u. 46.</p>			
<p>Competencies acquired through the completion of the course:</p> <p>Completion of the course will enable the student to develop a professional physician-patient relationship, learn the elements of medical interview and types of medical documentation. Students will also obtain practice in basic physical examination.</p> <p>Our goal is that by the end of the internship, the student will be able to admit a patient under supervision, start an examination, set up a diagnostic and – if possible – therapeutic plan, and carry out routine care activities.</p>			
<p>Prerequisites for course registration and completion: Entrance requirements for the propedeutics subject, as well as obtaining a signature from the</p>			

propedeutics subject. Taking the propedeutics exam is not a prerequisite for participating in the summer internship.

Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject:

N/A

Student headcount conditions for starting the course (minimum, maximum) and method of student selection:

Students register through the Neptun system, 20 students/month

Detailed course description:

(Theoretical and practical instruction must be broken down into lessons (weeks), numbered separately. Please provide the names of lecturers in both types of lessons, indicating guest lecturers. This information is not to be attached separately. CVs of guest lecturers, however, must be attached.)

The students spend 6 hours a day, 5 days a week, for one month at the practice. They can participate in evening or weekend on-call work for +6 hours.

General: Getting to know the internal medicine department and the hospital. Patient examination, care of designated patients at the assistant physician level under appropriate supervision, taking into account that students have not finished their pharmacological education.

Anamnesis:

- interviewing patients, describing the received information using organized medical terms
- interpretation of the medical history in the patient's documentation (expanding abbreviations, recognizing connections between events)
- considering the expected home treatment based on the medical history

Medication:

- connecting the names of the drugs taken by the patient and the active ingredients
- finding the indication of the medications taken (in the medical history)
- setting up a treatment plan for the disease justifying the admission of the patient

Physical examination:

- practice of the entire examination, reporting the findings
- performing targeted examination (e.g. dyspneic patient, anemic patient, liver cirrhosis patient)
- recognizing the correlations between the obtained physical examination results and the medical history

Practicing the most important medical interventions:

- Examination of the pulse, blood pressure, fever, weight, blood sugar measurement
- Medicines administration methods
- Learning the technique of taking blood, giving injections, administering insulin, learning about the practical use of a pen (possibly an insulin pump)
- Preparation and administration of infusions with supervision, familiarization with the transfusion process
- Use of instrumental diagnostic tools (ECG, Doppler, ultrasound, monitor, blood gas)
- Getting to know the documentation of patient care (chart, medical file, blood glucose chart, fluid chart, critical patient observation chart) and managing it independently. Professional referral of a patient known to the student and followed during a department head/professor round.
- Mastering the relationship with the patient and his relatives, with particular regard to patient

<p>information and medical confidentiality. Getting to know and explaining the declarations of consent required for interventions, obtaining consent.</p> <p>- To the extent possible, participation in consultations, imaging examinations, instrumental examinations, and clinicopathological discussions, especially in connection with a patient known to the student.</p>
<p>Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:</p> <p>N/A</p>
<p>Attendance requirements; conditions under which students can make up for absences and the method of absence justification:</p> <p>Participation on at least 75% of all sessions is required.</p>
<p>Form of assessment in the study period: (including the number, topics and scheduling of oral and written tests, their share in the overall evaluation, make-up tests and improvement tests)</p> <p>N/A</p>
<p>Number and type of assignments for individual work and the deadline for submission:</p> <p>N/A</p>
<p>Requirements to obtain the teacher's signature:</p> <p>Participation on at least 75% of all sessions is required.</p>
<p>Type of assessment: (<i>comprehensive examination, end-term examination, term-grade, term-grade on a three-grade rating scale, coursework project, no examination</i>)</p> <p>no examination</p>
<p>Examination requirements: (<i>list of examination topics, subject areas of tests / examinations, lists of mandatory parameters, figures, concepts and calculations, practical skills and the optional topics for exam-equivalent coursework projects, their criteria of completion and assessment</i>)</p>
<p>Method and type of grading: (<i>Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.</i>)</p>
<p>List of course books, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids:</p> <ul style="list-style-type: none"> • Lecture slides provided online through the Moodle • Kasper– Fauci –Hauser – Longo – Jameson – Loscalzo: Harrison's Principles of Internal Medicine. 20th Ed., 2018 • Lynn S. Bickley: Bates' Guide to Physical Examination and History Taking. 12th Ed., 2017 • Papadakis – McPhee – Rabow: CURRENT Medical Diagnosis and Treatment. 2018 • Porter: The Merck Manual of Diagnosis and Therapy. 20th Ed., 2018
<p>Signature of habilitated instructor (course coordinator) announcing the course:</p>
<p>Signature of the director of the host institution:</p>
<p>Date of submission:</p>