

2024/2025. ACADEMIC YEAR							
PROGRAM OF STUDY (FOR STUDENTS OF 5TH YEAR)							
<b>Full (Hungarian) name of the subject:</b> Gyógyszeres terápia							
<b>Program: Undivided program (pharmaceutical)</b>							
<b>Schedule: Full-time</b>							
<b>Short name of the subject:</b>							
<b>English name of the subject:</b> Drug Therapy (theory+practice)							
<b>German name of the subject:</b>							
<b>Type of registration: obligatory/obligatory elective/elective/criteria requirement</b>							
<b>Neptun code of the subject: GYKGYH250E1A</b>							
<b>Responsible Department:</b> Department of Pharmacodynamics							
<b>Responsible tutor</b> Prof. Éva Szökő <b>Contact information:</b> - phone: 56324 - email: <a href="mailto:szoko.eva@semmelweis.hu">szoko.eva@semmelweis.hu</a>				<b>Title, academic degree:</b> professor, PhD, DSc			
<b>Name of the persons responsible for the teaching of the subject:</b> Éva Szökő Tamás Tábi László Tóthfalusi Rudolf Laufer Péter Lakatos Szabolcs Koncz				<b>Title, academic degree:</b> Professor, DSc Associate Professor, PhD Professor, DSc Assistant Professor Resident Lecturer, PhD Resident Lecturer			
<b>Class per week:</b> 2 hours theoretical 3 hours practical				<b>Credit point(s):</b> 4 credits			
<b>Professional content, intent of acquirement and its function in order to implement the goals of the program:</b> providing knowledge about the therapeutic use of drugs and their place in the therapy of certain diseases according to the actual guidelines.							
<b>Short description of the subject:</b>  Building upon the pharmacology knowledge of the students we emphasize the importance of evidence based medicine, teach the therapeutic guidelines for pharmacotherapy of chronic diseases and minor ailments, and considerations in drug choice. We also focus on clinically relevant drug-drug interactions, adverse drug effects and the possibilities to avoid them or alleviate their consequences.							
Course data							
Recommend ed term	Contact hours (lecture)	Contact hours (practice)	Contact hours (seminar)	Individu al lectures	Total number of contact hours/sem ester	Normal course offer	Consult ations
9th semester	20	30			50	<u>Autumn semester*</u> Spring semester Both semesters (* Please underline)	--

**Program of semester\*\***

**Topics of theoretical classes (pro week):**

Week

1. Basis of evidence based medicine
2. Pharmacotherapy of hypertension and chronic cardiac failure
3. Pharmacotherapy of ischemic heart diseases
4. Pharmaceutical care of patients with cardiovascular diseases
5. Pharmacotherapy of neuropathic pain and neurological diseases
6. Pharmacotherapy of inflammatory skin diseases
7. Pharmacotherapy of acute and chronic movement disorders
8. Pharmacotherapy of urological diseases
9. Pharmacotherapy of cancer diseases
10. Use of contraceptives. Drug support of assisted reproduction

**Topics of practical classes (pro week):**

Week

1. 1. Anticoagulant therapy  
2. Treatment of chronic venous insufficiency, ulcus cruris, hemorrhoids
2. 1. Treatment of respiratory infections in children  
2. Treatment of urinary tract infections, respiratory infections of adults and infectious diarrhea
3. 1. Treatment of type 1 diabetes  
2. Treatment of type 2 diabetes
4. 1. Pharmacotherapy of anxiety disorders  
2. Treatment of insomnia
5. 1. Therapy of allergic rhinitis  
2. Treatment of insect bites. Desensitization
6. 1. Pharmacotherapy of asthma and COPD  
2. Pharmacotherapy of eye diseases
7. 1. Prevention and treatment of osteoporosis  
2. Drug therapy of painful conditions (musculoskeletal, gynecological)
8. 1. Treatment of gastrointestinal disorders (IBS, diarrhea, constipation)  
2. Therapy of gastric ulcer, dyspepsia, GERD, nausea
9. 1. Treatment of dermatological diseases: acne  
2. Treatment of dermatological infections: fungal, herpes
10. 1. Treatment of skin diseases: acne  
2. Treatment of skin infections: fungal, herpes

**Schedule of consultations:**

at the last practice

**Course requirements**

**Prerequisites:**

Pharmacology and toxicology III.  
Pharmaceutical technology IV.  
Phytotherapy

<p><b>Conditions of attending the classes, amount of acceptable absents, way of presentation of leave, opportunity for makeup:</b></p> <p>maximum 5 absences from the practice is acceptable  opportunity for makeup is at the last practice</p>
<p><b>The grading method; the conditions for getting the signature; the number, topic(s) and date(s) of the mid-term assessments, (reports, term tests), and the process in which they contribute to the final grade; and the possibility of their retake or their upgrading retake (as provided in §§ 25-28 of the STUDY AND EXAMINATION REGULATIONS):</b></p>
<p><b>Number, topics and dates of tests during the semester, opportunities of makeup and improvement of results**:</b></p> <p>there are no tests during the semester</p>
<p><b>Requirements of signature (as provided for in STUDY AND EXAMINATION REGULATIONS § 29):</b></p> <p>active participation at the practices including answering the on-line queries during classes</p>
<p><b>Number and type of projects students have to perform independently during the semester and their deadlines:</b></p> <p>there is not any</p>
<p><b>Type of the semester-end examination:</b> signature*/practical grade*/<u>semi-fnal</u>*/final* (<i>Please underline</i>)</p> <p><b>Examination requirements:</b> as published by the education-research department on the MOODLE interface by the start of the academic term.</p>
<p><b>Form of the semester-end examination:</b> <u>written</u>*/oral*/combined examination/<b>practical examination/the assessment of completing project work (according to STUDY AND EXAMINATION REGULATIONS 30.§)*</b> (<i>Please underline</i>)</p>
<p><b>The possibility and conditions for offering grades:</b></p> <p>there is no</p>
<p><b>A list of the basic notes, textbooks, resources and literature that can be used to acquire the knowledge necessary to master the curriculum and to complete the assessments, with exact description about which of them is required to acquire which part of the syllabus (e.g. description based on topics)), as well as the main technical and other aids and study aids that can be used:</b></p> <p>materials related to lectures and practices uploaded to MOODLE</p>
<p><b>In the case of a subject lasting more than one semester, the position of the teaching/research department on the possibility of parallel enrolment and the conditions for admission:</b></p> <p>yes*/no*/on an individual assesment basis*/<u>not relevant</u>* (<i>Please underline</i>)</p>
<p><b>The course description was prepared by:</b></p> <p>Prof. Éva Szökő</p>

**\*\* A tantárgy tematikáját oly módon kell meghatározni, hogy az lehetővé tegye más intézményben a kreditismerési döntéshozatalt, tartalmazza a megszerzendő ismeretek, elsajátítandó alkalmazási (rész)kézségek, (rész)kompetenciák és attitűdök leírását, reflektálva a szak képzési és kimeneti követelményeire.**