

**2021/2022. ACADEMIC YEAR  
PROGRAM OF STUDY (For students of 1st year)**

<b>Full name of the subject:</b> Anatómia (gyak.)							
<b>Program:</b> undivided program (pharmaceutical)							
<b>Schedule:</b> full-time							
<b>Short name of the subject:</b>							
<b>English name of the subject:</b> Anatomy (practice)							
<b>German name of the subject:</b> Anatomie (Praktikum)							
<b>Neptun code of the subject:</b> GYKANT118G1A							
<b>Type of registration:</b> obligatory/obligatory elective/elective/criteria requirement							
<b>Responsible department:</b> Department of Anatomy, Histology and Embryology of Semmelweis University							
<b>Responsible tutor:</b> Dr. Ágnes Csáki				<b>Title, academic degree:</b> associated professor, Ph.D.			
<b>Contact information:</b> 53652, csaki.agnes@med.semmelweis-univ.hu							
<b>Name of the persons responsible for the teaching of the subject:</b> Dr. Bódi Ildikó Dr. Herberth-Minkó Krisztina Dr. Károly Norbert Szászné Dr. Kocsis Katalin Dr. Puskár Zita				<b>Title, academic degree:</b> assistant professor, Ph.D. assistant professor, Ph.D. assistant professor, Ph.D. assistant professor, Ph.D. senior research fellow, Ph.D.			
<b>Classes per week:</b> 0 lecture(s) 2 practice(s)				<b>Credit point(s):</b> 0			
<b>Professional content, intent of acquirement and it's function in order to implement the goals of the program:</b> Course principles: Principles: - to teach the terminology of the human anatomy to the future pharmacists - to discuss those special anatomical and physiological conditions which may influence the therapeutical considerations; - to discuss those anatomical conditions, wich are necessary for the understanding of the further medical subjects of the pharmacists' studies; - to teach the terminology (Latin and English) of human body parts (at a gross and microscopical anatomical level) necessary for the understanding of the medical language during the communication between the pharmacists and the doctors. Special attention is required concerning the anatomy of the central nervous system and the digestive tract, the absorption of medicines and their mechanism of action.							
<b>Short description of the subject:</b> During the dissection room practices the tutors discuss and demonstrate some chapters of anatomy of the locomotor system, internal organs and nervous system. During the histology lab practices, after a short introduction, the students can examine the most important sections with an electronic histology system.							
<i>Course data</i>							
Recommen- ded term	Contact hours (lecture)	Contact hours (practice)	Contact hours (seminar)	Individual lectures	Total number of contact hours/semes- ter	Normal course offer	Consultations
2	0	28			28	Autumn semester* <u>Spring semester*</u> Both semesters*  (* Please underline)	

*Program of semester*

Topics of theoretical classes (pro week): -

Topics of practical classes (pro week):

1st week: introduction, upper and lower limbs

2nd week: basic tissues, skin

3rd week: skull, vertebral column, head, neck muscles

4th week: histology of the blood, vessels and the lymphoid organs

5th week: respiratory tract, thoracic cavity

6th week: respiratory tract histology, gastrointestinal tract histology I.

7th week: heart, large vessels,

8th week: gastrointestinal tract histology II. kidney and urinary tract histology

9th week: gastrointestinal tract, abdominal cavity

10th week: genital organs histology, spermatogenesis, oogenesis

11th week: urogenital system, pelvis

12th week: nervous system and sensory organs histology

13th week: nervous system: brain, spinal cord, cranial nerves, spinal nerves, main vessels and nerves on limbs, sensory organs

14th week: endocrine organs, placenta

Schedule of consultations: -

*Course requirements*

Prerequisites: Biology I., Medical Terminology, First Aid

Conditions of attending the classes, amount of acceptable absents, way of presentation of leave, opportunity for makeup: Attendance of a minimum of 75% of practices is necessary for the end-term signatures. There is no makeup opportunity.

Number, topics and dates of tests during the semester, opportunities of makeup and improvement of results: -

Requirements of signature: Attendance of a minimum of 75% of practices is necessary for the end-term signatures.

Number and type of projects students have to perform independently during the semester and their deadlines: -

Type of the semester-end examination: signature/practical grade/semi-final/final

Form of the semester-end examination: -

Prescribed practices outside of the university: -

Scientific, course related researches, publications, essays: -

Necessary equipment: For the practices dissection practical room and histology practical laboratory, with the appropriate devices.

The course description was prepared by: Dr. Csáki Ágnes, Dr. Kocsis Katalin