



Study program: Integrated Academic Studies in Pharmacy			
Course title: Anatomy			
Teacher: Ljubica M. Stojšić Džunja, Biljana Đ. Srdić Galić, Dušica L. Marić, Mirela M. Erić, Siniša S. Babović, Bojana S. Krstonošić, Nikola M. Vučinić			
Course status: compulsory			
ECTS Credits: 4			
Condition: /			
Course aim The aim of this course is to offer students basics of the systemic anatomy of the locomotion system (bones, joints, and muscles), splanchnology (respiratory, digestive, cardiovascular, endocrine, urogenital system), nervous system, and of the sensory system.			
Expected outcome of the course: The main goals of this course is to acquire basic knowledge and skills in systemic, topograph and applied clinical anatomy, providing easier understanding of the fundamental pharmacological principles of utilization, resorption, elimination and effects of medicines on certain systems of organs and on the whole organism. Identification of tissues, organs and systems of organs for better understanding the morphological features of the <i>absorption and reabsorption of substances and active principles</i> , secretion and excretion through tissues, body fluids and cavities in pharmacological and pharmacotherapeutical processes.			
Course description <i>Theoretical education</i> - Skeletal system - Articular and muscular system - Cardiovascular and lymphatic system - Splanchnology (alimentary system, respiratory system, urinary system, genital system, endocrine glands) - Sense organs - Nervous system <i>Practical education</i> - Skeletal system - Articular and muscular system - Cardiovascular and lymphatic system - Splanchnology (alimentary system, respiratory system, urinary system, genital system, endocrine glands) - Sense organs - Nervous system			
Literature <i>Compulsory</i> 1. Drake R, Vogl W, Mitchell A. Gray's anatomy for students. 3 rd ed. London: Elsevier; 2014. 2. Netter FH. Atlas of human anatomy. 6 th ed. London: Elsevier Health Sciences; 2014. <i>Additional</i> 1. Outlines of lectures 2. Standring S, editor-in-chief. Grey's Anatomy – The Anatomical Basis of Clinical practice. 41 st ed. London: Elsevier Churchill Livingstone; 2016. 3. Waschke J, Böckers TM, Paulsen F. Sobotta Anatomy Textbook. 1 st ed. Munich, Germany: Elsevier GmbH; 2019. 4. Snell RS. Clinical anatomy by regions. 9 th ed. Baltimore: Lippincott Williams & Wilkins; 2012. 5. Moore KL, Dalley AF (eds). Clinically oriented anatomy. 5 th ed. Baltimore: Lippincott Williams; 2006. 6. Hudak R, Kachlik D, Volny O. Memorix anatomy. 1 st ed. Prague: Triton; 2015.			
Number of active classes	Theoretical classes: 30	Practical classes: 30	
Teaching methods: Lectures and practical classes			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	10	Written	60

Practices	15	Oral	
Colloquium	15		
Essay			