

Name of university, Name of faculty: Trnava University
Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: OsBc01		Name: Anatomy and physiology			
Cover: Department of Nursing					
Type of educational activity: Lecture Scope of educational activity (in hours): Weekly: 4 For term of study: ZS 92 Method of educational activity:				Number of credits: 4 Recommended semester: WT Study grade: 1. PO	
Recommended semester	Study programme				
1.year WT	Nursing (D1-OŠET-22) Nursing (D1-OŠET-22-K) Nursing (E1-OŠE-25)				
Underlie subjects:					
Conditions for passing the course:					
Method of evaluation: Completion by taking an examination					
Continuous evaluation: no					
Final evaluation: written exam					
Rating: A (100-95%), B (94-89%), C (88-83%), D (82-77%), E (76-71%), FX (70% and below).					
Finished: written exam					
Learning outcomes: LO1 After completing the course, the student will be able to theoretically master the basics of systematic human anatomy, histology and embryology LO2 After completing the course, the student will be able to define individual structures within the organ system LO3 After completing the subject, the student will be able to describe their location and relationships within the system and hierarchical arrangement of the organism LO4 After completing the course, the student will be able to define the basic relationships between organs and organ systems LO5 After completing the subject, the student will be able to search for defined structures using a visual aid LO6 After completing the course, the student will be able to describe and verbalize basic anatomical structures at the macroscopic and microscopic level LO7 After completing the course, the student will be able to apply basic Latin anatomical concepts and the corresponding Slovak equivalents LO8 After completing the subject, the student will be able to describe the localization and relationships within the system and hierarchical arrangement of the organism LO9 After completing the course, the student will be able to define the field of physiology LO10 After completing the subject, the student will be able to theoretically master the basics of physiology and the functions of individual systems in the human body					
Schedule of subject:					
1) Anatomy, definition of the subject, anatomical planes and directions, Building hierarchy of the organism, cell, tissue 2) Skeletal system and muscular system 3) Gastrointestinal system and pulmonary system 4) Urogenital system, endocrine system 5) Cardiovascular system, lymphatic system 6) Nervous system, central, peripheral and sensory organs and skin 7) Physiology of the cell, physiology of aging 8) Physiology of thermoregulation, physiology of inflammation, physiology of blood and hemocoagulation 9) Physiology of the immune system, physiology of the cardiovascular system 10) Physiology of breathing, physiology of the digestive system and physiology of metabolism 11) Physiology of the urinary system, physiology of hormones, physiology of reproduction, physiology of the nervous system 12) Physiology of muscle, physiology of the skin and physiology of the senses					
Recommended reading:					
- ČALKOVSKÁ A. a kol. Fyziológia človeka pre nelekárske študijné programy. Osveta 2017; ISBN 9788080634551 - ČIHÁK, R. Anatomie 1,2,3. Praha, vyd. Grada 2013 ISBN 3-1234-2314-2 - GRAY'S ANATOMY of the Human Body, online http://www.bartleby.com/107/ - KOPECKÝ Š. a kol.: Základy anatómie človeka, Trnava, Slovak Academic Press 2003. ISBN 2-1155-1723-5 - MELLOVÁ, Y. a kol.: Anatómia človeka pre nelekárske odbory, vyd. Osveta 2018. ISBN 978-8080-634-54-4.					
Language requirements: Slovak					
Notes:					
The full-time combined method consists of lectures (online, distance, self-study). Self-study is supported by an e-learning form.					
Course evaluation:					
Assessed students in total: 344					
A	B	C	D	E	FX
0%	4%	13%	23%	32%	29%

Lecturers:

prof. MUDr. Mojmír Kasalický, CSc., lecturer, examiner

MUDr. Alexander Kőröcz, PhD., lecturer, examiner

Date of last change: 01.09.2026

Approved by: doc. PhDr. Andrea Botíková, PhD., MPH, univ. prof.