



# Pomeranian Medical University in Szczecin

## SYLLABUS of the MODULE (SUBJECT) General Information

<b>Module title:</b>	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J) masters studies
Mode of study	full-time studies
Year of studies, semester	1 <sup>st</sup> year: 1st and 2 <sup>nd</sup> semester of 1 <sup>st</sup> year
ECTS credits (incl. semester breakdown)	22
Type/s of training	Seminars: 70 h Practical: 110 h
Form of assessment*	<input type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input checked="" type="checkbox"/> final examination <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input checked="" type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	prof. dr hab. n.med. Janusz Moryś
Tutor responsible for the module	Maciej Mularczyk PhD maciej.mularczyk@pum.edu.pl
Department's/ Clinic's/ Unit's website	<a href="http://anatomia.pum.edu.pl/">http://anatomia.pum.edu.pl/</a>
Language	English

\* replace  into  where applicable

**Detailed information**

<b>Module objectives</b>		The aim of teaching anatomy is to familiarize the student with the structure of the human body with the variability of its anatomical structures and their topographic arrangement, as well as their visualization in various imaging techniques.
Prerequisite /essential requirements	Knowledge	Demonstrates knowledge of human body structures: tissues and systems. Knows body structure in terms of topography and functions. Knows anatomical nomenclature (designation). Will explain the relationship between construction and activity.
	Skills	Can link the structure of organs with the function.
	Competences	Shows respect to human body during dissection activities. Shows respect for academic teachers and other students. Can co-operate with team members.

**Description of the learning outcomes for the subject /module**

No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (Referring the standards)	Method of verification of learning outcomes*
W01	anatomical, histological and embryological nomenclature	A. W1	ET, EPR, K, S
W02	describe the structure of the human body in a topographical approach (upper and lower limbs, thorax, abdomen, pelvis, back, neck, head) and functional approach (osteoarticular system, muscular system, vascular system, respiratory system, digestive system, urinary system, genitals, nervous system and senses, skin)	A. W2	ET, K
W03	describe the topographical relations between particular organs	A.W3	ET, K
U01	explain anatomic background of physical examination	A. U1	ET, K
U02	draw conclusions about the relationships between anatomical structures on the basis of diagnostic tests, in particular in the field of radiology (plain radiographs, examinations using contrast agents, computed tomography and nuclear magnetic resonance imaging)	A. U2	ET, K
U03	use anatomical nomenclature in speech and writing	A. U3	ET, EPR, K, S,
K01	perceive and recognize their own limitations and self-assess educational deficits and needs	K.5	O

**Table presenting LEARNING OUTCOMES in relation to the form of classes**

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other...
W01	A. W1		X	X			X	
W02	A. W2		X	X			X	
W03	A. W3		X	X			X	
U01	A. U3		X	X				
U02	A. U4		X	X				
U03	A. U5			X				
K01	K.5			X				

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
<b>Winter semester</b>			
<b>Seminars</b>			
TK01	Osteology and syndesmology	8	W01, W02, W03,
TK02	Head and senses	12	W01, W02, W03
TK03	CNS	12	W01, W02, W03
<b>Practical classes</b>			
TK01	Osteology and syndesmology	20	W01, W02, W03, U01, U02, U03, K01
TK02	Head and senses	16	W01, W02, W03, U01, U02, U03 K01,
TK03	CNS	16	W01, W02, W03, U01, U02, U03, K01
<b>E-learning</b>			
TK01	Osteology and syndesmology	2	W01, W02, W03,
TK02	Head and senses	3	W01, W02, W03
TK03	CNS	3	W01, W02, W03
<b>Summer semester</b>			
<b>Seminars</b>			
TK01	Neck and upper limb	4	W01, W02, W03,
TK02	Thorax and back	8	W01, W02, W03
TK03	Abdomen, pelvis and lower limb	12	W01, W02, W03

<b>Practical classes</b>			
TK01	Neck and upper limb	20	W01, W02, W03, U01, U02, U03, K01,
TK02	Thorax and back	16	W01, W02, W03, U01, U02, U03, K01
TK03	Abdomen, pelvis and lower limb	22	W01, W02, W03, U01, U02, U03, K01
<b>E-learning</b>			
TK01	Neck and upper limb	2	W01, W02, W03,
TK02	Thorax and back	2	W01, W02, W03
TK03	Abdomen, pelvis and lower limb	2	W01, W02, W03

<b>Booklist</b>
Obligatory literature:
1. Drake RL., Vogl AW, Mitchell AWM. Gray's Basic Anatomy. Elsevier, 3 <sup>rd</sup> Edition 2022
2. F.H. Netter, Netter Atlas of Human Anatomy: Classical Regional Approach, 8 <sup>th</sup> Ed. Elsevier, 2022
Supplementary literature:
Hansen JT. Netter's Anatomy Coloring Book. Elsevier. 2021
Gould DJ. BRS Neuroanatomy. 6th Edition. Wolters Kluwer, 2019.

<b>Student's workload</b>	
Form of student's activity (In-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor opinion
Contact hours with the tutor	180
Time spent on preparation to seminars/ practical classess	50
Time spent on reading recommended literature	230
Time spent on writing report/making project	-
Time spent on preparing to colloquium/ entry test	80
Time spent on preparing to exam	120
Other .....	
Student 's workload in total	660
<b>ECTS credits for the subject (in total)</b>	22
<b>Remarks</b>	

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

S – practical skills assessment

O – student's active participation and attitude assessment

