



# Pomeranian Medical University in Szczecin

## SYLLABUS of the MODULE (SUBJECT) General Information

Module title:	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	medicine
Level of study	long-cycle (S2J)
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 checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input checked="" 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 type="checkbox"/> practica <input checked="" type="checkbox"/> oral
Head of the Department/ Clinic, Unit	prof. dr hab.n. med. Zbigniew Ziętek
Tutor responsible for the module	dr med.Cezary Partyka PhD.MD partyka@pum.edu.pl
Department's/ Clinic's/ Unit's website	Katedra i Zakład Anatomii Prawidłowej i Klinicznej/ al. Powstańców Wlkp. 72/ 70-111 Szczecin, tel. 91 466 1481, <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>		Introduction to the students structure of the human body and organs with special emphasis of most important anatomical anomalies and variations. Explanation of basic anatomical concepts and topographic elements. Explanation anatomic bases of nursing and physical examination .Applying the acquired knowledge to the clinical proceedings to assess health condition and provide medical assistance.
Prerequisite /essential requirements	Knowledge	Demonstrates knowledge of human body structures: tissues and systems Knows body structure in terms of topography and functions. Explain the relationship between construction and activity. Knows the mechanisms maintaining human homeostasis.
	Skills	Is able to use the acquired knowledge to learn clinical subjects. Is able to link the structure of organs with the function.
	Competences	Shows respect to human body. Is aware of professional responsibility. Shows respect for academic teachers and students. Can co-operate with team members and care about occupational safety. Demonstrates attitudes of active involvement in acquiring knowledge and self – education

**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	Knows anatomical and histological nominations. Understand human body structures.	A.W1	ET,EPR,K,R,S,W,PM
W02	Knows organs and entire body . Knows body structure in terms of topography and functions. ( upper and lower limbs, bones, organs of the thorax, abdomen, neck and pelvis, function of the CNS )	A.W2	ET,EPR,K,R,S,W,PM
W03	Knows topography of the body.	A.W3	ET,EPR,K,R,S,W,PM
U01	Knows and understands anatomic background of physical examination	A.U3	ET,EPR,K,R,S,W,PM
U02	Is able to interpret anatomic relationships supported by diagnostic examination methods in field of radiology (inspection x-ray and contrast-based images)	A.U4	ET,EPR,K,R,S,W,PM
U03	Can use both oral and written anatomical names.	A.U5	ET,EPR,K,R,S,W,PM
K01	Make self- assessment and see what is	K.5	O, PS

	committing.		
K02	Uses objective sources of knowledge.	K.9	O, W, PS
K03	Create conclusions from own observations and experience.	K.11	O, W ,PM, PS and others
K04	Compliance with medical confidentiality. Introduces the principles of teamwork together with representatives of other professions in a multicultural society. Assumes responsibility for decisions at work and in terms of safety.	K.9	O, SP and others

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				
W05	A.W2		X	X				
W06	A.W3		X	X				
W07	A.U3			X				
W08	A.U4			X				
W09	A.U5			X				
W10	K.5			X				
W11	K.7			X				

W12	K.8			X				
W13	K.9			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	10	W01,W02,W03,K02
TK02	Upper limb	6	W01,W02,W03,K03
TK03	Lower limb	6	W01,W02,W03,K03
TK04	Neck	8	W01,W02,W03,K03
TK05	Thorax	10	W01,W02,W03,K03
<b>Practical classes</b>			
TK01	Osteology and syndesmology	18	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
TK02	Upper limb	8	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
TK03	Lower limb	8	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
TK04	Neck	12	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
TK05	Thorax and back	14	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
<b>Summer semester</b>			
<b>Seminars</b>			
TK01	Abdomen	8	W01,W02,W03,K03
TK02	Pelvis	7	W01,W02,W03,K03
TK03	Head	8	W01,W02,W03,K03
TK04	C N S	5	W01,W02,W03,K03
TK05	Senses	2	W01,W02,W03,K03
<b>Practical classes</b>			
TK01	Abdomen.Digestive system.	12	W01,W02,W03,U01,

			U02,U03 K01,K02,K03, K04
TK02	Pelvis	12	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
TK03	Head	16	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04
TK04	Brain and senses	10	W01,W02,W03,U01, U02,U03 K01,K02,K03, K04

**Booklist**

Obligatory literature:

1. Gray,s Anatomy for students ; Richard Drake, Wayne Vogl, Adam Mitchell
2. Atlas of Human Anatomy F. Netter

Supplementary literature:

1. Essential Clinical Anatomy Keith Moore, Anne M.R. Agur
2. Sobotta Atlas of Human Anatomy Wiliams & Wilkins

**Student's workload**

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

R – report  
S – practical skills assessment  
RZC – practical classes report, incl. discussion on results  
O – student's active participation and attitude assessment  
SL – lab report  
SP – case study  
PS - assessment of student's ability to work independently  
W – entry test  
PM – multimedial presentation  
other...