



Syllabus for academic year: 2021/2022 Training cycle: 2021/2022 – 2026/2027													
Description of the course													
Course	CLINICAL ANATOMY										Group of detailed education results		
											Group code	Group name	
											C	PRECLINICAL SCIENCE	
Faculty	Medicine												
Major	Medicine												
Level of studies	<input checked="" type="checkbox"/> uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	<input checked="" type="checkbox"/> full-time <input type="checkbox"/> part-time												
Year of studies	II						Semester:	<input type="checkbox"/> winter <input checked="" type="checkbox"/> summer					
Type of course	<input checked="" type="checkbox"/> obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Department of Normal Anatomy (Dep. in charge of the course)													
Direct (contact) education ¹													
Distance learning ²													
Summer semester:													
Department of Normal Anatomy (Dep. in charge of the course)													
Direct (contact) education				30									

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



Distance learning													
TOTAL per year:													
Department of Normal Anatomy (Dep. in charge of the course)													
Direct (contact) education				30									
Distance learning													
Educational objectives (max. 6 items)													
C1. Teaching students the basis of application the knowledge of human body structure to the clinical practice													
C2. Teaching students to describe the location and relationship of the human body organs and systems on living individual.													
C3. Teaching students to differentiate between the normal and abnormal anatomical structures on the intravital images (USG, CT, MRI) in the basal degree.													
Education result for course in relation to verification methods of the intended education result and the type of class:													
Number of detailed education result	Student who completes the course knows/is able to							Methods of verification of intended education results			Form of didactic class <i>*enter the abbreviation</i>		
C.W1	The student knows and understands the english anatomical and basic clinical terminology.							CLASSES -oral or written answer and presentation of anatomical details on preparations, models, charts.			MC		
C.W2	The student knows the human body structure in chosen clinical aspects							CLASSES -oral or written answer and presentation of anatomical details on preparations, models, charts.			MC		
C.W3	The student is able to describe particular anatomical structures and the location and relationship of the organs on a living individual							CLASSES -oral or written answer and presentation of anatomical details on preparations, models, charts.			MC		
C.U3	The student knows the anatomical principles of the patient's examination.							Demonstration of skills or description			MC		
C.U4	The student can differentiate between the normal and abnormal anatomical structures on the intravital images (USG, CT, MRI) in the basal degree							Demonstration of skills or description			MC		
C.U5	The student uses in written and spoken form the anatomical and basic clinical terminology							Demonstration of skills or description			MC		
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning													
Student's amount of work (balance of ECTS points):													
Student's workload (class participation, activity, preparation, etc.)										Student Workload			
1. Number of hours of direct contact:										30			
2. Number of hours of distance learning:													



3. Number of hours of student's own work:	15
4. Number of hours of directed self-study	
Total student's workload	45
ECTS points for course	1,5
Content of classes: (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)	
Lectures Not applicable	
Seminars Not applicable	
Practical classes Is carried out by experienced clinicians during ten 3-hours meetings (including the credit) according the following plan: <ul style="list-style-type: none"> • The thorax – part I (heart, mediastinum, lungs, pleural cavity – clinical aspects) • The thorax – part II (the surface anatomy, the mammary gland) • The coronary circulation – clinical aspects. • The hernias – anatomical aspects. • Anatomical changes in common CNS illnesses. • The anatomical aspects of the most frequent surgical operations • The most common injuries of the locomotor system. • The surface and ultrasound anatomy of some abdominal organs • The anatomical principles of diagnostic tests (RTG, CT, MRI, puls test, blood pressure, ECG) • Repetition of the material, discussion, demonstration of skills, credit – test 	
Other Not applicable	
Basic literature (list according to importance, no more than 3 items) 1. Moore K. L., Dalley A.F.; Clinically Oriented Anatomy; Lippincot Williams and Wilkins; fifth edition or newest; ISBN: 0-7817-3639-0 2. Agur, Anne M.R.; Lee, Ming J.; Grant's atlas of anatomy; Williams and Wilkins, latest edition ISBN: 0-683-03701-3 Additional literature and other materials (no more than 3 items) 1. Richard Drake; Gray's Anatomy for Students; 2005 Churchill Livingstone; ISBN 0443066124 Didactic resources requirements (e.g. laboratory, multimedia projector, other...) 1. Human corpses and natural anatomical specimens 2. Artificial anatomical specimens 3. Multimedial anatomical presentations 4. Intravital diagnostic images of human body.	
Preliminary conditions: (minimum requirements to be met by the student before starting the course) Completed Anatomy course on the 1 st year	
Conditions to receive credit for the course: (specify the form and conditions of receiving credit for classes included in the course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades) Attention! Attendance cannot be a condition for passing the course. Actively participation in classes. Making absences: participating in the appropriate thematic activities with another group (each topic is discussed within 3 weeks). In exceptional cases, self-preparation of an essay on a missed topic. Completion of the course: refer an independent presentation in the form of an essay on selected clinical issues in the anatomical context, or optionally - passing a final test (multiple choice) at a level of at least 66% of points.	



Grade:	Criteria for courses ending with a grade ³
Very Good (5.0)	96-100%
Good Above (4.5)	86-95%
Good (4.0)	76-85%
Satisfactory Plus (3.5)	71-75%
Satisfactory (3.0)	66-70%
	Criteria for courses ending with a credit ³
Not applicable	

Grade:	Criteria for exam ³
Not applicable	

Department in charge of the course:	Medical University of Wrocław Department of Human Morphology and Embryology Division of Anatomy
Department address:	50-368 Wrocław ul. T. Chałubińskiego 6a
Telephone:	tel. 71/ 784-13-51, 784-00-79.
E-Mail:	marek.syrycki@umed.wroc.pl

Person in charge for the course:	Marek Syrycki
Telephone:	tel. 71/ 784-13-51
E-Mail:	marek.syrycki@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Marek Syrycki	Dr n. med.	medicine	Professor UMW	MC
Zygmunt Domagała	Dr n. med.	medicine	Tutor	MC
Sławomir Woźniak	Dr n. med.	medicine	Tutor	MC

Date of Syllabus development

.....30.09.2021.....

Syllabus developed by

Dr Marek Syrycki
Professor UMW

Dean's signature

Wrocław Medical University
Faculty of Medicine
Vice-Dean for Studies
.....
prof. Beata S. Sibiśzochańska, PhD

Signature of Head(s) of teaching unit(s)

Katedra Morfologii i Embriologii Człowieka
ZAKŁAD ANATOMII PRAWOŁOWEJ
p.c. kierownik

dr Zygmunt Domagała

³ The verification must cover all education results, which are realized in all form of classes within the course