

			Syllab	ous fo	r acac	lemic	year:	2020/	2021					
				Trai	ning c	ycle: 2	2019-2	024						
				Des	criptio	on of t	he cou	rse						
Module/Course			Physic	logy o	f Mast	ticator	y Syste	em	G	roup sult	of deta	iled ec	lucatio	on
									G	roup ode	G	roup r	ame	
									Α		N	lorpho	ologica	I
											s	ience	5	
									В		S	cientif	ic	
											fo	oundat	ions o	f
											r	edicin	e	
									C		P	re-clin	ical	
											S	ciences	5	
Faculty			Facult	y of D	entist	ry								
Major			Dentis	stry										
Unit realizing the subj	ect		Depar	tment	of Exp	erimer	ntal De	ntistry	1					
Specialties			-											
Level of studies			Uniform magister studies X*											
			1 st deg	ree st	udies 🛛									
			2 nd degree studies											
			3 rd degree studies □											
			postgraduate studies											
Form of studies			X full-time X part-time											
Year of studies			ll Semeste					ester	er X Winter					
			III 🗆 Summer											
Type of course			X obligatory											
			limited choice											
			□ free choice / elective											
Course			X majo	or basi	с									
Language of instruction	n		🗆 Polis	h X	Englisł	יס 🗆 ח	ther							
* mark 🗆 with an X														
					Numl	per of	hours							
		1	1	1	Form	of edu	cation	1	1		1	1	1	1
Unit teaching the course	tures (L)	ninars (SE)	ditorium classes (AC)	jor Classes – not clinical C)	nical Classes (CC)	ooratory Classes (LC)	sses in Simulated iditions (CSC)	ctical Classes with Patient P)	:cialist Classes – magister dies (SCM)	eign language Course (FLC)	/sical Education obligatory)	cational Practice (VP)	f-Study (Student's own rk)	earning (EL)
	Lec	Ser	Ψſ	Ma Ma	Cli	Lat	Cla	Prá (PC	Spé stu	For	Ph _i (PE	NO/	Sel wo	Е-Г



Winter Semester																		
Direct (contact)																		
education						_												
Online learning			~															
(synchronous)			18												-			
Distance learnin	ng																	
(asynchronous)																		
			27														65	
Summer Semes	ter																	
Direct (contact)																		
education																		
Online learning																		
(synchronous)																		
Online learning																		
(asynchronous)																		
TOTAL per year	:																	
Direct (contact)																		
education																		
Online learning																		
(synchronous)																		
			~															
			18															
Online learning																		
(asynchronous)																		
			~															
			21													65		
Educational obj	ectives	s (max	. 6 it	ems)														
C1: Describes t	the an	atomy	y and	d top	ogra	phy	of ele	emen	ts o	f sto	omato	ogna	thic s	/stei	m.			
C2: Defines the	e term	s con	nect	ed w	vith ir	nstru	ument	al an	alvs	is o	f occl	usio	n. Exp	lain	s the	e pu	rpos	e of
using face bow	is and	articu	ilato	rs.												- p -	000	
C3 . Shows the	knowl	edge	of th	ne fu	Inctio	n ar	nd me	chan	ism	of	none	ratio	n of «	tom	ato	gnat	hic	
system with ot	hor st	ructu			inecio	in ui		criari		0.0	Joope	i a ci c			iaco	51141		
system with other structures.																		
Education resul	it matr	IX TOP	moa	ule/	course	e in i	relatio		/erit	icat		etno	as of t	neir	iten	aea	eauc	ation
	Numb	orof			res	uit a	na the	etype	e ot c	class	Moth	odc of	vorifica	tion	-			
Number of	maior		St	udent	: who c	ompl	etes the	5			of inte	onded	educat	ion	FO	orm of	didad	CTIC
course education	educat	ion	m	odule	/cours	e kno	ws/is ał	ole to			result	s (forr	ning an	d	**	iss enter t	he	
result	result										summarising)			ab	brevia	tion		
W 01	A.W	1	1.	Des	scribe	es th	e ana	tomv	and	b	Knov	wled	ge tes	st	SE			
			tr	noa	ranh	v of	eleme	, ents (of		duri	ng cl	- inical					
stomatognathic system						classes (multiple												



W 02	A.W2	2 Explains the mechanisms of	choice test and	
	/	development and physiological	oral response)	
		degradation of the		
		stomatognathic system.		
W 03	B.W9	3. Knows the methods of	Final tast	
	2	diagnosis of stomatognathic	rindi lest	
		system.	tost 20	
W 04	B.W13	4. Defines the terms	est, 20	
		connected with instrumental	questions, 60% to	
		analysis of occlusion.	of somestor	
W 05	B.W13	5. Explains the purpose of	cummorizing	
		using face bows and	assassment	
		articulators.	assessment.	
W 06	A.W1	6. Describes the anatomy and		
		physiology of periodontium		
		and salivary glands.		
W 07	B.W8	7. Describes the mechanisms		
		of speech, swallowing and		
		breathing and their		
		connections with physiology of		
		masticatory system.		
U 01	B.U2	1. Can prepare proper	Evaluation of the	SE
		multimedia presentation.	presentation,	
U 02	B.U2	2. Can interpret the theoretical	verified by the	
		information during the	academic teacher	
		diagnosis of TMD.	conducting the	
U 03	C.U14	3. Can evaluate teeth age and	seminar.	
		bone age Fasing on X-ray.		
U 04	C.U12	4. Can analyse occlusion.		
К 01		1. Student actively participates	Evaluation of	SE
		in practical classes.	students' attitude	
К 02		2. Cooperates in students'	during classes.	
		group.		
К 03		3. Participates in procedures		
		connected with practical tasks.		

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 5



Skills: 3

Social competences: 5

Student's amount of work (balance of ECTS points)								
Studen	t's workload	Student Workload (h)						
(class p	articipation, activity, preparation, etc.)							
1. Conta	1. Contact hours: 0							
2. Onlin	2. Online learning hours (e-learning): 45							
3. Stude	3. Student's own work (self-study):65							
Total st	Total student's workload 110							
ECTS points for module/course 4								
Comm	ents							
Conter	nt of classes (please enter topic words of specific classes divided into their c	lidactic form and remember how it is						
translate	d to intended educational effects)							
Lecture	S S							
-								
Semina	rs							
Ex.	Торіс							
1.	Introduction to seminar							
	Introduction to physiology of masticatory system.							
2.	Stomatognathic system-general terms, modern nomenclature.							
3.	Esthetic face analysis in dental aspects.							
4.	Development of stomatognathic system.							
5.	Occlusion-norms and concepts.							
6.	Temporomandibular joint – anatomy and function.							
7.	Neuro – muscular system of stomatognathic system and its correlation	to other skeletal structures.						
8.	Physiology of mastication and swallowing.							
9.	Physiology of speech in dental aspects.							
10.	Physiology of breathing in dental aspects.							
11.	Salivary glands – morphology and histology, saliva secretion and its disturbances.							
12.	Physiology of periodontium.							
13.	Physiology of oral mucosa.							
14.	. Test.							
15.	Make up week. Credit. Test – second term.							
Practica	al classes							
-								
Other								
-	tereture (list according to importance, so some there 2 items)							
	Lerature (list according to importance, no more than 3 items)	had / loffroy D. Okason Elsovier						
1.	2013	in eu. / Jenney P. Okeson. Elsevier						



- 2. Functional Occlusion From TMJ to Smile Design By Peter E. Dawson. Mosby Title, 2007
- 3. Behavioral Dentistry. Ed. by: David Mostofsky, Albert Forgione, Donald Giddon. Blackwell Publishing, 2006

Additional literature and other materials (no more than 3 items)

- 1. Stanley j. Nelson: Wheeler's Dental Anatomy, Physiology and Occlusion 10th Edition, Elsevier 2015
- 2. Cause-effect implications in medical procedures. Ed. By Włodzimierz Więckiewicz, Anil Kumar Agrawal, Wrocław 2008

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Multimedia projector, laptop.

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Posession of knowledge and skills specified in previous semester's syllabus at least on the basic level.

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be med by the student to pass it and criteria for specific grades)

Knowledge test during seminars (multiple choice test)

Final test (multiple choice test, 20 questions, 60% to pass) – at the end of semester, summarizing assessment. The credit for the course is a part of the exam from the Preclinical Dentistry.

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good	
(5.0)	
Good Plus	
(4.5)	
Good	
(4.0)	
Satisfactory Plus	
(3.5)	
Satisfactory	
(3.0)	
	Criteria (only for courses/modules ending with e credit)
Credit	Final test (multiple choice test, 20 questions, 60% to pass) – at the end of
	semester. The credit for the course is a part of the exam from the Preclinical
	Dentistry.

Grade:	Criteria (examination evaluation criteria)
Very Good	
(5.0)	
Good Plus	
(4.5)	
Good	



Appendix to Resolution No. 2186 of Senate of Wroclaw Medical University of 1 July 2020

(4.0)	
Satisfactory Plus	
(3.5)	
Satisfactory	
(3.0)	
Unit realizing the	Department of Experimental Dentistry
subject	
Unit address	ul. Krakowska 26, 50-425 Wrocław
Telephone	71/784 02 91
E-Mail	stom.dosw@umed.wroc.pl

Person responsible	Prof. dr hab. n. med. M. Więckiewicz
for module	
Coordinator	Prof. dr hab. n. med. M. Więckiewicz
Telephone	71/784 02 91
E-Mail	stom.dosw@umed.wroc.pl

List of persons conducting specific classes									
Full name	Degree/scientific or	Discipline	Performed	Form of classes					
	professional title		profession						
Andrzej Małysa	Dent.	Medical	dentist	SE					
		science							

Date of Syllabus development

21.09.2020 r.

Syllabus developed by

Dr n. med. Joanna Smardz

Signature of Head of teaching unit

Prof. dr hab. Mieszko Więckiewicz

Signature of Faculty Dean

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