Appendix No.3
to Resolution No. 2303
of Senate of Wroclaw Medical University
of 28 April 2021

Syllabus for academic year: 2021/2022
Training cycle: 2020-2025

Description of the course

Course	Physiology of the masticatory system	Group of detailed education results: Group code B	Group name: Scientific bases of medicine
Faculty	Faculty of Dentistry		
Major	Dentistry		
Level of studies	X uniform magister studies		
Form of studies	X full-time		
Year of studies	II	Semester:	X winter
Type of course	X obligatory		
Language of study	X 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 Experimental Dentistry													
Direct (contact) education		45											
Distance learning													

Educational objectives

C1: Describes the anatomy and topography of elements of stomatognathic system.
C2: Defines the terms connected with instrumental analysis of occlusion. Explains the purpose of using face bows and articulators.
C3: Shows the knowledge of the function and mechanism of cooperation of stomatognathic system with other structures.

Education result for course in relation to verification methods of the intended education result and the type of class:

Number of deteiled education result	Student who completes the course knows/is able to	Methods of verification of intended education results	Form of didactic class **enter the abbreviation*

B.W6.	Understands the role and significance of saliva	Knowledge test during classes (multiple choice test and oral response), Final test (multiple choice test, 20 questions, 60% to pass) – at the end of semester, summarizing assessment.	SE
B.W8.	Knows and understands the mechanics of the masticatory organ;		
K.S5.	Is able to recognize his own limitations, self-assess educational deficits and needs;	Oral response (F), Evaluation of students' attitude during classes.	
K.S7.	Is able to use objective sources of information;		
K.S9.	Is able to cooperate in students' group.		

* 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:	45
2. Number of hours of distance learning:	0
3. Number of hours of student's own work:	15
4. Number of hours of directed self-study	
Total student's workload	60
ECTS points for course	2

Content of classes:

Seminars:

1. 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. The role and significance of saliva.
12. Physiology of periodontium.
13. Physiology of oral mucosa.
14. Test.
15. Summary of the course. Credit. Test – second term.

Basic literature:

1. Okeson J.P.: Management of temporomandibular disorders and occlusion. 7th ed., Elsevier, 2013.
2. Dawson P.E.: Functional Occlusion - From TMJ to Smile Design. Mosby Title, 2007.
3. Mostofsky D., Forgione A., Giddon D.: Behavioral Dentistry. Blackwell Publishing, 2006.

Additional literature and other materials:

1. Nelson S.: Wheeler`s Dental Anatomy, Physiology and Occlusion. 10th Edition, Elsevier, 2015.
2. Więckiewicz W., Agrawal A.K.: Cause-effect implications in medical procedures. Wrocław, 2008.

Preliminary conditions:

Credit for *Dental modelling* and *Anatomy* (1st year).

Conditions to receive credit for the course:

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 after 4th semester.
The credit is performed in a direct contact with a teacher. In justified cases, by the rector's decision, it may take place on-line.

	Criteria for courses ending with a 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.

Unit realizing the course:	Faculty of Dentistry, Department of Experimental Dentistry
Unit address:	ul. Krakowska 26, 50-425 Wrocław
Telephone:	71/784 02 91
E-Mail:	stom.dosw@umed.wroc.pl

Person responsible for the course:	Prof. dr hab. n. med. Mieszko Więckiewicz
Telephone:	71/784 02 91
E-Mail:	stom.dosw@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Andrzej Małysa	Dent.	Medical science	dentist	SE

UNIWERSYTET MEDYCZNY
IM. PIASTÓW ŚLĄSKICH WE WROCŁAWIU

Appendix No.3
to Resolution No. 2303
of Senate of Wroclaw Medical University
of 28 April 2021

Date of Syllabus development

05.07.2021 r.

Syllabus developed by

Dr n. med. Wojciech Florjański
Dr inż. Joanna Weżgowiec

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

Prof. dr hab. n. med. Mieszko Więckiewicz

Dean's signature

……