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: 2021-2026

Description of the course

Course	Dental modeling	Group of detailed education results	
		Group code: A	Group name: Morphological sciences
Faculty	Faculty of Dentistry		
Major	Dentistry		
Level of studies	X uniform magister studies		
Form of studies	X full-time		
Year of studies	I	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		10		50									
Distance learning													

Educational objectives

C1. Introduction to the anatomy of natural teeth for students.
C2. Skill mark of teeth system in use.
C3. Introduction to the anatomy of dental arches and principles of occlusion.

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*

A.W1.	Knows and understands the structures of the human body: cells, tissues, organs and systems, with a particular emphasis on the stomatognathic system;	Oral response (F), Quizzes (F), Practical tasks (F), Written examination (S), Practical examination (S);	SE, MC
K.S5.	Is able to recognize his own limitations, self-assess educational deficits and needs;	Oral response (F), Practical tasks (F), Evaluation of students' attitude during classes.	
K.S8.	Is able to formulate conclusions from his own observations.		

* 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:	60
2. Number of hours of distance learning:	
3. Number of hours of student's own work:	40
4. Number of hours of directed self-study	
Total student's workload	100
ECTS points for course	4

Content of classes:

Seminars

1. Basic principles of human teeth, teeth numbering systems. (4 h)
2. Teeth anatomy and morphology. Anatomy of dental arches and principles of occlusion. (2 h)
3. Teeth recognising. (4 h)

Classes

1. Incisors: anatomy and drawing of all incisors, carving of upper incisor.
2. Canines: anatomy and drawing of all canines, carving of upper canine.
3. Upper premolars: anatomy, drawing and carving of upper premolar.
4. Lower premolars: anatomy, drawing and carving of lower premolar.
5. Upper molars: anatomy, drawing and carving of upper molar.
6. Lower molars: anatomy, drawing and carving of lower molar.
7. Dental arches, occlusion - part 1: anatomy and traits of the ideal alignment of teeth in the dental arches, carving of half maxillary dental arch.
8. Dental arches, occlusion - part 2: anatomy and traits of the ideal alignment of teeth in the dental arches, carving of half mandibular dental arch.
9. Wax-up modeling technique - part 1: forming of anatomical forms of natural teeth by wax-up technique.
10. Wax-up modeling technique - part 2: forming of occlusal surface of first premolar tooth by wax-up modeling technique.
11. Practical test: carving in wax from natural tooth and drawing test.
12. Written test and teeth recognizing test.
13. Make-up week. Individual classes' making-up and credit.

Basic literature:

1. Nelson S.: Wheeler`s Dental Anatomy, Physiology and Occlusion. Elsevier, 10th Edition, 2015.
2. Woelfel F.B., Scheid R.C.: Dental Anatomy – Its Relevance to dentistry. Williams & Wilkins, 1997.

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Preliminary conditions:
Medical uniform, boots and helmet variables.
Conditions to receive credit for the course:
Pass manual training during semester: carving and drawing of anatomical forms of natural teeth, occlusal contacts and intercuspidal relations between arches – drawing and carving, recognition of natural teeth according to the individual anatomical characteristic. Pass theoretical examination during semester (oral responses, quizzes): anatomical features of dental arches, anatomy of particular teeth, naming the teeth using notation or code for dental records. Pass practical examination (carving, drawing and recognition of natural teeth and final test (MCQ test) – 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	Pass manual training and final test (MCQ test) – 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
Mieszko Więckiewicz	Prof. dr hab. n. med.	Medical science	dentist	SE, MC
Joanna Smardz	Dr	Medical science	dentist	SE, MC

Date of Syllabus development

05.07.2021 r.

Syllabus developed by

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

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

Prof. dr hab. n. med. Mieszko Więckiewicz

UNIWERSYTET MEDYCZNY
IM. PIASTÓW ŚLĄSKICH WE WROCŁAWIU

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Dean's signature

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