



Online learning (synchronous)														
Distance learning (asynchronous)		10		10									70	
Summer Semester														
Direct (contact) education														
Online learning (synchronous)														
Online learning (asynchronous)														
TOTAL per year:														
Direct (contact) education				40									70	
Online learning (synchronous)														
Online learning (asynchronous)		10		10										
Educational objectives (max. 6 items) 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 matrix for module/course in relation to verification methods of the intended education result and the type of class														
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to				Methods of verification of intended education results (forming and summarising)				Form of didactic class <i>**enter the abbreviation</i>				
W 01	A.W1.	1. Able to recognize natural teeth on the basis of detailed knowledge of their structure. 2. Able to determine the natural teeth fixed. 3. Knows the rules of drawing teeth. 4. Able to describe the structure of natural teeth.				Oral response (F) Quizzes (F) Written examination (S)				SE, MC				
W 02	A.W1.													
W 03	A.W1.													
W 04	A.W1.													
W 05	A.W1.													



		5. Defines the principles of occlusion.		
U 01	C.U.12	1. Use modeling methods of natural teeth.	Examination of the work (F)	SE, MC
U 02	C.U.12	2. Able to model the dental arches.		
U 03	C.U.12	3. Able to use of wax modeling technique		
U 04	C.U.12	4. Able to draw natural teeth.		
U 05	C.U.12	5. Can use modeling tools.		
K 01		1. Work in a group of students	Oral response (F)	SE, MC
K 02		2. Take part in practical tasks.		
<p>** 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 .</p>				
<p>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: 4 Social competences: 3</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			40	
2. Online learning hours (e-learning):			20	
3. Student's own work (self-study):			70	
Total student's workload			130	
ECTS points for module/course			6	
Comments				
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 -				
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. (4 h) 3. Teeth recognising. (2 h)				
Practical classes 1. Stationary classes				
Ex	Topic	Practical work		



1	Incisors	General characteristics of all incisors Anatomy Drawing Carving of upper incisor Evaluation of the student's work
2	Canines	General characteristics of canines Anatomy Drawing Carving of upper canine Evaluation of the student's work
3	Upper and lower premolars	General characteristics of upper and lower premolars Anatomy Drawing Carving of first upper premolar Evaluation of the student's work
4	Upper molars	General characteristics of upper molars Anatomy Drawing Carving of first upper molar Evaluation of the student's work
5	Lower molars	General characteristics of lower molars Anatomy Drawing Carving of first upper molar Evaluation of the student's work
6	Dental arches, occlusion part 1	Anatomy and traits of the ideal alignment of teeth in the dental arches Carving of half maxillary dental arch Evaluation of the student's work
7	Dental arches, Occlusion part II	Anatomy and traits of the ideal alignment of teeth in the dental arches Carving of half mandibular dental arch Evaluation of the student's work
8	Wax-up modeling technique	Forming of anatomical forms of natural teeth by wax-up technique Forming of occlusal surface of first premolar tooth by wax-up modeling technique Evaluation of the student's work
9	Practical test	Carving in wax from natural tooth Drawing test



		Evaluation of the student's work
10	Make-up week	Individual classes' making-up and credit

2. Online classes

Ex	Topic
1.	General information about teeth modelling. Anatomy and morphology of incisors.
2.	Anatomy and morphology of canines.
3.	Anatomy and morphology of premolars.

Other

-

Basic literature (list according to importance, no more than 3 items)

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

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

-

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

Phantom room, dental lab, multimedia projector, computer, phantoms.

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

Medical uniform, boots and helmet variables.

Practical activities, examination of the work, written examination.

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 met by the student to pass it and criteria for specific grades)

Pass manual training: 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 anatomical features of dental arches, anatomy of particular teeth, naming the teeth using notation or code for dental records.

Pass manual training and final test (oral or written examination) – 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	Pass manual training and final test (oral or written examination) – 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 (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
Unit realizing the subject	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 module	Prof. dr hab. n. med. M. Więckiewicz
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 professional title	Discipline	Performed profession	Form of classes
Mieszko Więckiewicz	Prof. dr hab.	Medical science	dentist	SE, MC
Joanna Smardz	Dr	Medical science	dentist	SE, MC

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

.....