



Syllabus for academic year: 2021/2022													
Training cycle: 2020-2025													
Description of the course													
Course	Propaedeutics of Orthodontics								Group of detailed education results				
									Group code C	Group name PRECLINICAL SCIENCES			
Faculty	Dentistry												
Major	dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time <input type="checkbox"/> part-time												
Year of studies	2 nd						Semester:	X winter X summer					
Type of course	X free choice / optional												
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 Maxillofacial Orthopaedics and Orthodontics													
Direct (contact) education ¹		15											
Distance learning ²													
Summer semester:													
Department of Maxillofacial Orthopaedics and Orthodontics													
Direct (contact) education		15											
Distance learning													
TOTAL per year:													
Department of Maxillofacial Orthopaedics and Orthodontics													
Direct (contact) education		30											
Distance learning													

1

2



Educational objectives (max. 6 items)

C1. Students obtaining knowledge concerning the capabilities of modern orthodontics. Students obtaining the ability to analyze issues and communicate within a group. Acquiring the ability to perform critical analysis of scientific literature. Students acquiring the ability to independently obtain information and perform a critical analysis thereof, especially acquiring the ability to work independently with the literature, interpret scientific data and work in a team. Students obtaining knowledge concerning the analysis of facial features. Students acquiring the ability to lead and participate in discussions as well as draw conclusions. Providing knowledge concerning contemporary orthodontic diagnostics - macro-aesthetics, mini-aesthetics and micro-aesthetics.

C2. Providing knowledge concerning: the psychosocial aspects of facial attractiveness and the determinants of attractiveness; contemporary orthodontic diagnostics - macro-aesthetics, mini-aesthetics and micro-aesthetics and changes which occur in the soft tissues of the face and mouth with age and determining the need for orthodontic treatment in adult patients. Providing knowledge concerning the methods of treating the effects of facial ageing and smiling with the use of aesthetic medicine, orthodontic treatment and interdisciplinary treatment.

C3. Providing knowledge concerning various treatment options for unaesthetic problems arising during the development of teeth: incisor hypodontia, asymmetries, crowding, distocclusion/mesioocclusion.

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
C.W33.	Student knows the basic clinical procedures for orthodontic prophylaxis.	evaluation of activity during classes, evaluation of self-prepared and group studies of the problem	SE
C.U16.	plan the basic steps of preventive care for patients in terms of orthodontic needs.	evaluation of activity during classes, evaluation of self-prepared and group studies of the problem	SE

* 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:	
4. Number of hours of directed self-study	
Total student's workload	30
ECTS points for course	1

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)

Seminars

1. Capabilities of contemporary orthodontics. Orthodontic care. Aims and methods of treatment. Technologies used in diagnostics and therapy.
2. Analysis and interpretation of scientific publications in the field of orthodontics.
3. Aetiology, epidemiology, development and prevention of malocclusions on the example of dental crowding.
4. Epidemiology, prevention, development, treatment of hereditary malocclusions on the example of distocclusions.
5. Analysis of facial features of various races with normal occlusion and malocclusion. Symmetry. Vertical proportions. Profile analysis.
6. Facial attractiveness



7. Aesthetics in orthodontics 8. The ageing face 9. Treating the effects of facial ageing and smiling 10. Main aesthetic issues during the development of teeth in relation to treatment options				
Basic literature (list according to importance, no more than 3 items) 1. Robert E. Moyers- Handbook of Orthodontics for the Student and General Practitioner, 3ed Edition Chicago, London 2. Martyn T.Cobourne, Andrew T. Dibiase - Handbook of Orthodontics, Mosby Elsevier 2009 3. Orthodontics materials; scientific and clinical aspects; W.A.Brantley, T.Eliades, Stuttgart; Thieme 2001				
Additional literature and other materials (no more than 3 items) 1. Lisa F. Donofrio. „Fat distribution: a morphologic study of the aging face”, Dermatol. Surg 26:12: December 2000.				
Preliminary conditions: (minimum requirements to be met by the student before starting the course) Credit from anatomy and ergonomics.				
Conditions to receive credit for the course: 1. Active participation in classes and discussions on current topics. 2. Preparation and delivery of a paper or presentation of a given topic.				
		Criteria for courses ending with a credit ³		
Credit	Preparation and delivery of a paper / presentation and obtaining a minimum of a satisfactory grade (3.0).			
Unit realizing the course:		Department of Maxillofacial Orthopaedics and Orthodontics		
Unit address:		Ul. Krakowska 26, Wrocław		
Telephone:		717840299		
E-Mail:		ortodoncja@umed.wroc.pl		
Person responsible for the course:		Anna Pelc		
Telephone:		717840299		
E-Mail:		anna.pelc@umed.wroc.pl		
List of persons conducting specific classes:				
Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Aleksandra Adamek	PhD	Medical science	Dentist	SE
Magdalena Dubowik	PhD	Medical science	Dentist	SE
Joanna Laskowska	DDS	Medical science	Dentist	SE
Anna Paradowska-Stolarz	PhD	Medical science	Dentist	SE
Anna Pelc	DDS	Medical science	Dentist	SE
Sylwia Roguzińska	DDS	Medical science	Dentist	SE

Date of Syllabus development

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Syllabus developed by

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Uniwersytet Medyczny we Wrocławiu
 WYDZIAŁ
 LEKARSKO-STOMATOLOGICZNY
 DZIEKAN
 prof. dr hab. Marcin Mikulewicz

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

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 Uniwersytet Medyczny we Wrocławiu
 KATEDRA oraz ZAKŁAD
 ORTOPEDII SZCZĘKOWEJ I ORTODONCJI
 kierownik
 prof. dr hab. Beata Kawala



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