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Syllabus for academic year: 2021/2022													
Training cycle: 2017-2022													
Description of the course													
Course	Orthodontics						Group of detailed education results						
							Group code F	Group name SPECIALISED CLINICAL SCIENCES (SURGICAL)					
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	5th					Semester:			X winter		X summer		
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 Maxillofacial Orthopaedics and Orthodontics													
Direct (contact) education ¹													
Distance learning ²													
Summer semester:													
Department of Maxillofacial Orthopaedics and Orthodontics													
Direct (contact) education													
Distance learning													
TOTAL per year:													
Department of Maxillofacial Orthopaedics and Orthodontics													
Direct (contact) education													
Distance learning													
Educational objectives (max. 6 items)													
C1. Knowledge of occlusal norm at every stage of human development.													



- C2. Getting to know the most frequently occurring congenital facial deformities syndromes involved in the occurrence of disorders within the masticatory system.
- C3. Getting to know orthodontic diagnostics according to Ackerman-Proffit, and the ability to identify individual malocclusions according to this classification.
- C4. Ability to conduct an interview and a physical examination of the patient, make diagnostic impressions and analyze x-ray images.
- C5. Ability to make an orthodontic diagnosis and preparing of orthodontic treatment plan.
- C6. The ability to help an orthodontic patient in the event of an appliance failure.

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 *enter the abbreviation
F.W1.	Knows normal occlusion at each stage of human development and deviations from it;	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
F.W2.	Knows the rules of conduct for preventive and curative treatment in diseases of the masticatory organ at different stages of development	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
F.W11.	Is familiar with indications and contraindications for cosmetic dentistry procedures.	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
F.W12.	Knows causes of complications of stomatognathic system diseases and the principles of handling such complications.	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
F.W17.	Knows the principles of construction and operation of removable and fixed orthodontic appliances.	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
F.U18.	Knows how to diagnose, differentiate, and classify malocclusions.	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
F.U19.	Knows how to provide first aid in case of damage to an orthodontic appliance.	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC



F.U21.	Knows how to perform treatment to prevent malocclusions at the deciduous teeth and the mixed dentition stage.	<ul style="list-style-type: none"> • evaluation of student's preparation for classes and his/her activity during them. • smaller tests throughout the course • final test 	CC
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* 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:	90
2. Number of hours of distance learning:	
3. Number of hours of student's own work:	120
4. Number of hours of directed self-study	
Total student's workload	210
ECTS points for course	7,5

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)

- Classes
1. Diagnostics of an orthodontic patient - practical exercises with patients.
 2. Test
 3. Diagnostics of an orthodontic patient - practical exercises with patients.
 4. Diagnostics of an orthodontic patient - practical exercises with patients.
 5. Diagnostics of an orthodontic patient - practical exercises with patients.
 6. Diagnostics of an orthodontic patient - practical exercises with patients.
 7. Diagnostics of an orthodontic patient - practical exercises with patients.
 8. Diagnostics of an orthodontic patient - practical exercises with patients.
 9. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 10. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 11. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 12. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 13. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 14. Revision
 15. Credit
 16. Diagnostics of an orthodontic patient - practical exercises with patients.
 17. Test
 18. Diagnostics of an orthodontic patient - practical exercises with patients.
 19. Diagnostics of an orthodontic patient - practical exercises with patients.
 20. Diagnostics of an orthodontic patient - practical exercises with patients.
 21. Diagnostics of an orthodontic patient - practical exercises with patients.
 22. Diagnostics of an orthodontic patient - practical exercises with patients.
 23. Diagnostics of an orthodontic patient - practical exercises with patients.
 24. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 25. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 26. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 27. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 28. Orthodontic treatment planning - practical exercises with the use of medical records and in direct contact with the patient.
 29. Revision
 30. Credit

Basic literature

1. An introduction to orthodontics -3rd ed.- Laura Mitchell
2. Orthodontics: Diagnosis and Management of malocclusion and dentofacial deformities - Om Prakash Kharbanda



3. Contemporary orthodontics / William R. Proffit with Henry W. Fields Jr. and James L. Ackerman [et al.]. - 3rd ed. - St. Louis : C. V. Mosby, 2000

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

1. Orthodontic materials: scientific and clinical aspects / [ed. by] William A. Brantley, Theodore Eliades; foreword by T. M. Graber. - Stuttgart: Thieme, 2001

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

1. Credit from orthodontic course in 4th year.

Conditions to receive credit for the course:

1. Passing the clinical classes: an oral or written assessment during individual classes (free response of multiple-choice test) concerning the issues discussed within a given semester (arithmetic average of points received: 2-5 points)
2. Sum of points obtained from two written midterm-tests (maximum of 10 points)
3. In addition, it is possible to receive extra points for participation in the science club:
 - a. Presenting a poster at a congress – 2 points
 - b. Publication – 5 points
4. Points received in the final test (maximum of 50 points)

The resulting sum of points constitutes a component of the final grade received upon passing the exam in year V.

In order to obtain credit (from clinical classes) at the end of the academic year, students must receive at least 60% of the maximum number of points in clinical classes, as well as at least 60% in midterm-tests and the final test.

5. Final examination: oral exam – randomly picked-up set of 5 questions covering topics from 4th and 5th year orthodontics. Question may consist some practical aspects in accordance to patients' medical documentation.

The final grade is based on the sum of points obtained in years IV and V as well as the final exam. By the Rector's decision the exam may be performed remotely.

Year IV – maximum 20 points

Year V – maximum 115 points

TOTAL – maximum 135 points

Satisfactory (3.0) 60% - 70% points*	Satisfactory Plus (3,5) 70,1% - 80% points	Good (4.0) 80,1% - 90% points	Good Plus (4.5) 90,1% - 95% points	Very Good (5.0) Above 95,1% points
Grade:		Criteria for exam ³		
Very Good (5.0)		128,26		
Good Above (4.5)		121,51-128,25		
Good (4.0)		108,1-121,5		
Satisfactory Plus (3.5)		94,51-108		
Satisfactory (3.0)		81-94,5		
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:	Aleksandra Adamek
Telephone:	717840299
E-Mail:	aleksandra.adamek@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Beata Kawala	professor	Medical science	Dentist	CC
Joanna Lis	professor	Medical science	Dentist	CC
Marcin Mikulewicz	professor	Medical science	Dentist	CC
Aleksandra Adamek	PhD		Dentist	CC
Magdalena Dubowik	PhD	Medical science	Dentist	CC



Joanna Laskowska	DDS		Dentist	CC
Anna Paradowska-Stolarz	PhD	Medical science	Dentist	CC
Anna Pelc	DDS		Dentist	CC
Sylwia Roguzińska	DDS		Dentist	CC
Dorota Schutty	DDS	Medical science	Dentist	CC

Date of Syllabus development

27.06.2021

Syllabus developed by

Magdalena Dubowik

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

Dean's signature

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