



Summer Semester													
Direct (contact) education													
Online learning (synchronous)													
Online learning (asynchronous)					20								
TOTAL per year:													
Direct (contact) education													
Online learning (synchronous)													
Online learning (asynchronous)					20								
Educational objectives (max. 6 items)													
C1. Studying basic diagnostic methods in head and neck radiology.													
C2. Studying principles of physics in diagnostic imaging methods and tools.													
C3. Acquiring basic skills in selection, description and interpretation of diagnostic images.													
C4. Studying the rules of radioprotection.													
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	B.W9 F.W21 E.W1	<ul style="list-style-type: none"> knows the rules of radioprotection knows the principles of physics in methods (X-ray, CT, CBCT, MRI, PET, US) is acquainted with the diagnostic imaging methods (as above) understands the principles of radiologic anatomy and pathology					Exam: practical (interpretation of diagnostic images) and choice test			CC			
U 01	E.U5 F.U13	<ul style="list-style-type: none"> uses the appropriate diagnostic method in clinical situations describes and interprets diagnostic images selects appropriate methods of differential diagnosis prepares medical documentation					Exam: practical (interpretation of diagnostic images) and choice test			CC			
K 01	G.U29 G.U36 G.U39 G.U40 G.U30 G.W25	<ul style="list-style-type: none"> actively participates in clinical exercises cooperates in a group treats patients, hospital staff and colleagues with respect shows compassion and patience to the patient					assessment of student behavior by assistant			CC			



<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: 3 Skills: 3 Social competences: 3</p>	
<p>Student's amount of work (balance of ECTS points)</p>	
<p>Student's workload (class participation, activity, preparation, etc.)</p>	<p>Student Workload (h)</p>
1. Contact hours:	0
2. Online learning hours (e-learning):	20
3. Student's own work (self-study):	10
Total student's workload	30
ECTS points for module/course	1
<p>Comments</p>	
<p>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)</p>	
<p>Lectures 1. n/a</p>	
<p>Seminars n/a</p>	
<p>Practical classes 1. Radioprotection. Extraoral projections 2. Intraoral projections. Ultrasonography 3. CT, MRI, PET 4. Inflammatory processes of the jaw bones 5. Cystic lesions of jaw bones 6. Diseases of maxillary sinuses. Cysts of the soft tissues 7. Imaging in head and neck oncology 8. Fractures of facial skeleton diagnostic imaging 9. Orbital fractures diagnostic imaging 10. TMJ disorders imaging</p>	
<p>Other n/a</p>	
<p>Basic literature (list according to importance, no more than 3 items) 1. Oral Radiology: Principles and Interpretation, 6th edition, S. C. White, M. J. Pharoah; Mosby/Elsevier 2009.</p>	
<p>Additional literature and other materials (no more than 3 items) 1. Essentials of Dental Radiography and Radiology, E. Whaites; Churchill Livingstone/ Elsevier 2003. 2. Intraoral Radiographic Techniques, A. G. Farman, S. A. Kolsom, ADA Council on Education, Continuing Education Course, Revised March 4, 2011.</p>	
<p>Didactic resources requirements</p>	



Laptop, multimedia projector, seminar room, surgical dispensary, patient rooms in the Department of Maxillofacial Surgery
Preliminary conditions: credit in dental radiology (3 rd year of dentistry)
Conditions to receive credit for the course: attendance (according to the Study regulations), passing the final exam (choice test, practical part – interpretation of diagnostic images)

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	knows the topics very well and uses this knowledge creatively
Good Plus (4.5)	knows the topics well and uses this knowledge independently
Good (4.0)	knows the topics well and uses this knowledge in most of cases
Satisfactory Plus (3.5)	knows most of the topics and uses this knowledge in basic cases
Satisfactory (3.0)	knows more than half of the topics and uses this knowledge in very basic cases
	Criteria (only for courses/modules ending with e credit)
Credit	-

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	90-100% of correct answers
Good Plus (4.5)	80-89% of correct answers
Good (4.0)	70-79% of correct answers
Satisfactory Plus (3.5)	60-69% of correct answers
Satisfactory (3.0)	50-59% of correct answers
Unit realizing the subject	Department of Maxillofacial Surgery
Unit address	University Hospital, Borowska str. 213, 50-556 Wrocław
Telephone	71 733 36 00
E-Mail	hanna.gerber@umed.wroc.pl

Person responsible for module	Marcin Kubiak MD, DDS
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Coordinator	Marcin Kubiak MD, DDS
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List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Marcin Kubiak	MD, DDS	medicine and dentistry	maxillofacial surgeon	CC
Rafał Nowak	DDS, PhD	dentistry	maxillofacial surgeon	CC
Wojciech Pawlak	DDS, PhD	dentistry	maxillofacial surgeon	CC
Anna Olejnik	MD, DDS	medicine and dentistry	trainee in maxillofacial surgery	CC

Date of Syllabus development

2020-09-25

Syllabus developed by

Marcin Kubiak MD, DDS

Signature of Head of teaching unit

Prof. Hanna Gerber MD, DDS, PhD

Signature of Faculty Dean

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