



TOTAL per year: 10				
Educational objectives (max. 6 items)				
<ul style="list-style-type: none"> To gain knowledge of different imaging methods To gain basic knowledge on general clinical radiology (apart from the head and neck area) To gain knowledge of radiological anatomy with the special emphasis on the head and neck area To gain knowledge on the use of diagnostic imaging in the head and neck pathologies 				
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>
W1	A.W.3	Knows topography of the human body	ORAL CREDIT	SE, CC
W2	B.W9.	knows the methods of imaging of tissues and organs and principles of operation of diagnostic devices used for this purpose;	ORAL CREDIT	SE, CC
W3	B.W10.	knows the principles of operation of ultrasonic devices;	ORAL CREDIT	SE, CC
W4	F.W.5	Knows the causes, symptoms, as well as diagnostic and therapeutic management in major pathologies of the mouth, head and neck in adults and children	ORAL CREDIT	SE, CC
W5	F.W.10	Knows the principles of the diagnostic and therapeutic management in the neoplasms of the head and neck	ORAL CREDIT	SE, CC
W6	F.W.21	Knows basic methods of diagnostic imaging in pathologies of chest, abdomen, pelvis, brain and spine	ORAL CREDIT	SE, CC
W7	E.W.7	Knows basic indications for diagnostic imaging, particularly in emergency cases.	ORAL CREDIT	SE, CC
U1	A.U.3	Interprets the relationship among anatomical structures on the basis of diagnostic imaging	ORAL CREDIT	SE, CC
U2	D.U.4	Builds a trusting atmosphere during the whole diagnostic process and treatment	ORAL CREDIT	SE, CC



** L - Lecture; SE - seminar; AC – Auditorial classes ; MC – Major classes (not clinical); CC – Clinical classes; LC – Laboratory Classes; CSC – Classes in Simulated Conditions; FLC – Foreign Language Course; OC – Optional Classes

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: 2

Social competences: 0

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
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1. Contact hours:	10
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2. Student's own work (self-study):	7,5
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Total student's workload	17,5
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ECTS points for module/course	2
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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

- Introduction to radiology (history, basic terminology, radiation protection)
- Basic imaging methods (X-ray, ultrasound, CT, MRI)
- Diagnostic imaging of the chest
- Diagnostic imaging of the digestive tract, urinary system and musculo-skeletal system.
- Diagnostic imaging of the head and neck area.

CLASSES:

- Imaging techniques- physical properties, applications, radiological protection
- Diagnostic imaging of the chest
- Diagnostic imaging of the alimentary system
- Diagnostic imaging of the urinary system
- Diagnostic imaging of the musculoskeletal system
- Application of imaging in the diagnostics of the head and neck pathologies
- CREDIT

Other

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

1. William Herring. Learning radiology – recognizing the basics – Elsevier 2012 (second edition)



Didactic resources requirements (e.g. laboratory, multimedia projector, other...) MULTIMEDIA, PROJECTOR	
Preliminary conditions (minimum requirements to be met by the student before starting the module/course) - Basic knowledge of anatomy and pathology of the diseases - Basic knowledge of physics (types of radiation). - Passed course in dental radiology	
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) - Oral credit during the last auditorial classes,	
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)	

Name and address of module/course teaching unit, contact: telephone and e-mail address

**Department of Radiology
Medical University Hospital
Borowska 213, 50-556 Wrocław
T: +48 71 733 16 68, F: +48 71 733 16 89**



Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Prof. dr hab. Marek Sasiadek/ Radiology/ marek.sasiadek@umed.wroc.pl /71 733 16 68

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

Dr hab. Anna Zimny/ radiologist/ seminar/classes

Dr hab. Joanna Bładowska / radiologist/ classes

Dr n. med. Maciej Guziński /radiologist/classes

Dr n. med. Jacek Kurcz / radiologist/classes

Dr n. med. Anna Kołtowska / radiologist/classes

Lek. Przemysław Podgórski / radiologist/classes

Dr n. med. Dąbrowka Sokołowska-Dąbek/radiologist/classes

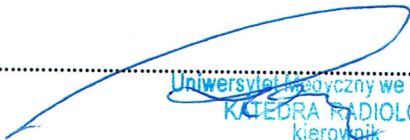
Date of Syllabus development

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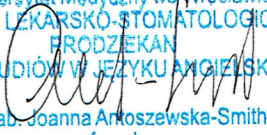
Syllabus developed by

Dr hab. Anna Zimny

Signature of Head of teaching unit


Uniwersytet Medyczny we Wrocławiu
KATEDRA RADIOLOGII
kierownik
prof. dr hab. Marek Sasiadek

Signature of Faculty Dean

Uniwersytet Medyczny we Wrocławiu
WYDZIAŁ LEKARSKO-STOMATOLOGICZNY
PRODZIEKAN
DS. STUDIÓW W JĘZYKU ANGIELSKIM

Dr hab. Joanna Antoszevska-Smith
prof. nadzw.