



TOTAL per year:												
Patomorphology Department	30		55									
Educational objectives (max. 6 items)												
C1. Knowing basic problems of contemporary pathology C2. Knowing the mechanisms of development of diseases C3. Learning the correlations of macro- and microscopical features with clinical findings C4. Using the light microscopy in practice C5. Learning the bases of autopsy C6. Interpreting pathologic data towards social diseases (circulation, malignant tumors, diabetes)												
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 25	C.W 25	Knows pathomorphological nomenclature	test	L, MC								
W 26	C.W 26	Knows basic mechanisms of cells and tissues damage	test	L, MC								
W 27	C.W 27	Describes a course of specific and non-specific inflammatory processes and describes processes of tissue regeneration	test	L, MC								
W 28	C.W 28	Knows definition and pathophysiology of shock with special attention on differential diagnosis of causes of shock and multiorgan failure	test	L, MC								
W 29	C.W 29	Knows etiology of hemodynamic changes, degenerative changes and neoplastic changes (malignant)	test	L, MC								
W 30	C.W 30	Knows problems from organ pathology, macro- and microscopic pictures of certain diseases and clinical course of pathological changes in given organs	test	L, MC								
U 11	C.U 11	Relates tissue and organ damage pictures with clinical symptoms and laboratory tests	test	MC								
** 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 .

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: +++
Skills: +++
Social competences:

Student's amount of work (balance of ECTS points)	
Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	85
2. Student's own work (self-study):	27,5
Total student's workload	112,5
ECTS points for module/course :	4,0
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

1. TECHNICAL REMARKS.
2. CELL INJURY. DEGENERATIONS
3. DISTURBANCES OF METABOLISM
4. NECROSIS. ATROPHY
5. DISTURBANCES OF CIRCULATION 1
6. DISTURBANCES OF CIRCULATION 2
7. INFLAMMATION 1 - CLASSIFICATION
8. INFLAMMATION 2
9. CHRONIC INFLAMMATION 1
10. CHRONIC INFLAMMATION 2
11. INTRODUCTION TO ONCOLOGY. EPITHELIAL TUMORS
12. MESENCHYMAL TUMORS
13. PATHOLOGY OF HEART AND VESSELS
14. PATHOLOGY OF LUNGS, BRONCHI AND PLEURA

Seminars

Practical classes

1. TECHNICAL REMARKS.
2. CELL INJURY. DEGENERATIONS
3. DISTURBANCES OF METABOLISM
4. NECROSIS. ATROPHY
5. DISTURBANCES OF CIRCULATION 1
6. DISTURBANCES OF CIRCULATION 2
7. INFLAMMATION 1 - CLASSIFICATION
8. INFLAMMATION 2
9. CHRONIC INFLAMMATION 1
10. CHRONIC INFLAMMATION 2
11. INTRODUCTION TO ONCOLOGY. EPITHELIAL TUMORS
12. MESENCHYMAL TUMORS
13. PATHOLOGY OF HEART AND VESSELS

14. PATHOLOGY OF LUNGS, BRONCHI AND PLEURA 15. REPETITION	
Other	
Basic literature (list according to importance, no more than 3 items) 1. "PATHOLOGIC BASIS OF DISEASE" Robbins and Cotran 7th Edition (or newer), 2. "PATHOLOGY" Anderson, vol 1-2, 8th Edition (or newer) and: any other book in pathology in English <u>not older</u> than 8-10 years	
Additional literature and other materials (no more than 3 items) Surgical Pathology Outlines Polish Journal of Pathology (in English); Internet websites, e.g.	
Didactic resources requirements (e.g. laboratory, multimedia projector, other...) cytological lab, histological lab with relevant equipment (e.g. microtomes, cryostat); light microscopes and histological slides; autopsy room; projectors and computers	
Preliminary conditions (minimum requirements to be met by the student before starting the module/course) None	
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) Credit for classes : points for partial tests and presentation of selected topics and cases Each absence must be made up, in class with another group or during consultations	
Grade:	Criteria
Very Good (5.0)	more than 25 points
Good Plus (4.5)	20-25 points
Good (4.0)	15-19 points
Satisfactory Plus (3.5)	10-14 points
Satisfactory (3.0)	5-9 points

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

**Katedra i Zakład Patomorfologii, Marcinkowskiego 1, 50-368 Wrocław,
tel. 71 784-12-12**

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

Prof. dr hab. Piotr Ziólkowski

Contact to Teaching Assistant: dr Krzysztof Symonowicz: tel 71 784 12 20

e-mail: patologia.ed@gmail.com



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

prof. dr hab. Piotr Ziółkowski - wykład
dr n. med. Krzysztof Symonowicz - ćwiczenia
dr n. med. Kamila Duś-Szachniewicz - ćwiczenia
dr n. med Marta Woźniak - ćwiczenia
lek. Izabela El Hassanieh - ćwiczenia
lek. Danuta Szkudlarek - ćwiczenia
lek Krzysztof Zduniak - ćwiczenia
mgr Sebastian Makuch - ćwiczenia

Date of Syllabus development

01.09.2020

Syllabus developed by

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Signature of Head of teaching unit

.....

Signature of Faculty Dean

Wrocław Medical University
Faculty of Medicine
Vice Dean for Educational Studies

prof. Beata Sołtys-Czarńska, PhD

