





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	oral examination, test	L
W 26	C.W 26	Knows basic mechanisms of cells and tissues damage	oral examination, test	L
W 27	C.W 27	Describes a course of specific and non-specific inflammatory processes and describes processes of tissue regeneration	oral examination	L
W 28	C.W 28	Knows definition and pathophysiology of shock with special attention on differential diagnosis of causes of shock and multiorgan failure	oral examination	L
W 29	C.W 29	Knows etiology of hemodynamic changes, degenerative changes and neoplastic changes (malignant)	oral examination	L
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	oral examination	L
U 11	C.U 11	Relates tissue and organ damage pictures with clinical symptoms and laboratory tests	oral examination	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):	129,5
Total student's workload	214,5
ECTS points for module/course :	9,0
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)	
<b>Lectures</b> 16. ALIMENTARY TRACT 17. LIVER, PANCREAS, GALL BLADDER 18. KIDNEYS. 19. URINARY SYSTEM I , MALE GENITAL TRACT, PROSTATE GLAND 20. URINARY SYSTEM II , MALE GENITAL TRACT, PROSTATE GLAND 21. BREAST 22. FEMALE GENITAL TRACT I 23. FEMALE GENITAL TRACT II 24. ENDOCRINE GLANDS 25. LYMPHATIC SYSTEM, THYMUS, SPLEEN 26. CENTRAL NERVOUS SYSTEM 27. BONES, JONTS AND MUSCLES 28. MODERN DIAGNOSTICS METHODS IN PATHOLOGY 29. SKIN PATHOLOGY 30. PATHOLOGY OF NEWBORNS	
Seminars	
<b>Practical classes</b> 1. ALIMENTARY TRACT 2. LIVER, PANCREAS, GALL BLADDER 3. KIDNEYS.URINARY SYSTEM 4. ENDOCRINE GLANDS 5. PATHOLOGY OF FEMALE GENITAL TRACT 6. BREAST 7. MALE GENITAL TRACT, PROSTATE GLAND 8. TEST 9. PATHOLOGY OF BONES, CARTILAGES, JOINTS AND MUSCLES 10. NEUROPATHOLOGY, PATHOLOGY OF CENTRAL NERVOUS SYSTEM 11. HEMATOPATHOLOGY, LYMPH NODES, THYMUS, SPLEEN 12. PATHOLOGY OF PREGNANCY AND NEWBORNS 13. TUMORS OF CHILDHOOD 14. SKIN PATHOLOGY 15. RECAPITULATION	
Other	



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

**1. "PATHOLOGIC BASIS OF DISEASE" Robbins and Cotran 7<sup>th</sup> Edition (or newer),**

**2. "PATHOLOGY" Anderson, vol 1-2, 8<sup>th</sup> Edition (or newer)**

**and: any other book in pathology in English not older 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**

**Exam: theory test : – 100 questions each of them with one correct answer (one point for one test question plus points gained during classes)**

**Each absence must be made up, in class with another group or during consultations**

Grade:	Criteria	
	Classes	Exam
Very Good (5.0)	more than 25 points	more than 100 points
Good Plus (4.5)	20-25 points	91-100 points
Good (4.0)	15-19 points	85- 90 points
Satisfactory Plus (3.5)	10-14 points	75 -84 points
Satisfactory (3.0)	5-9 points	60 - 74 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 Ziółkowski**

**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.**

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**Date of Syllabus development**

01.09.2019

**Syllabus developed by**

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