





Educational objectives (max. 6 items)				
<b>C1. Knowing basic problems of contemporary pathology</b> <b>C2. Knowing the mechanisms of development of diseases</b> <b>C3. Learning the correlations of macro- and microscopical features with clinical findings</b> <b>C4. Using the light microscopy in practice</b> <b>C5. Learning the bases of autopsy</b> <b>C6. Interpreting pathologic data towards social diseases (circulation, malignant tumors, diabetes)</b>				
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> <ol style="list-style-type: none"> <li>1. Alimentary Tract 1</li> <li>2. Alimentary Tract 2</li> <li>3. Liver, Pancreas, Gall Bladder</li> <li>4. Kidneys Urinary System</li> <li>5. Male Genital Tract, Prostate Gland</li> <li>6. Breast</li> <li>7. Pathology Of Female Genital Tract 1</li> <li>8. Pathology Of Female Genital Tract 2</li> <li>9. Endocrine Glands</li> <li>10. Lymph Nodes, Thymus, Spleen</li> <li>11. Pathology Of Central Nervous System (Cns)</li> <li>12. Pathology Of Bones, Cartilages, Joints And Muscles</li> <li>13. Modern Diagnostic Methods In Pathology</li> <li>14. Skin Pathology</li> <li>15. Pathology Of The Newborn</li> </ol>	
Seminars	
<b>Practical classes</b> <ol style="list-style-type: none"> <li>1. Alimentary Tract 1</li> <li>2. Alimentary Tract 2</li> <li>3. Liver, Pancreas, Gall Bladder</li> <li>4. Kidneys Urinary System</li> <li>5. Male Genital Tract, Prostate Gland</li> <li>6. Breast</li> <li>7. Pathology Of Female Genital Tract 1</li> <li>8. Pathology Of Female Genital Tract 2</li> <li>9. Endocrine Glands</li> <li>10. Lymph Nodes, Thymus, Spleen</li> <li>11. Pathology Of Central Nervous System (Cns)</li> <li>12. Pathology Of Bones, Cartilages, Joints And Muscles</li> <li>13. Modern Diagnostic Methods In Pathology</li> <li>14. Skin Pathology</li> <li>15. Pathology Of The Newborn</li> </ol>	
Other	
Basic literature (list according to importance, no more than 3 items)	
<ol style="list-style-type: none"> <li>1. "PATHOLOGIC BASIS OF DISEASE" Robbins and Cotran 7<sup>th</sup> Edition (or newer),</li> <li>2. "PATHOLOGY" Anderson, vol 1-2, 8<sup>th</sup> Edition (or newer)</li> </ol>	



<b>and: any other book in pathology in English <u>not older</u> than 8-10 years</b>	
Additional literature and other materials (no more than 3 items) <b>Surgical Pathology Outlines</b> <b>Polish Journal of Pathology (in English); Internet websites, e.g.</b>	
Didactic resources requirements (e.g. laboratory, multimedia projector, other...) <b>cytological lab, histological lab with relevant equipment (e.g. microtomes, cryostat); light microscopes and histological slides; autopsy room; projectors and computers</b>	
Preliminary conditions (minimum requirements to be met by the student before starting the module/course) <b>None</b>	
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) <b>Theory: test – 100 questions each of them with one correct answer</b> <b>Practical: written - order of histopathologic research and presentation of a case</b>	
<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good (5.0)	More than 90 points
Good Plus (4.5)	86-90 points
Good (4.0)	81-85 points
Satisfactory Plus (3.5)	76-80 points
Satisfactory (3.0)	71-75 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**

**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**

01.06.2017

**Syllabus developed by**  
Uniwersytet Medyczny we Wrocławiu  
KATEDRA PATOMORFOLOGII  
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..... adiunkt dydaktyczny.....

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**Signature of Faculty Dean**

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