Course description

Part 1

General information about the course	
1. Major of study: medicine	**2. Study level:** unified MSc **3. Form of study:** intramural
4. Year: IV	**5. Semester:** VII, VIII
6. Course name: Pathomorphology I + II	
7. Course status: required	

8. Course objectives

Pathology of tissues, organs and systems. Analysis of diseases etiology, course and outcomes.
Correlation between disease pathomorphological picture, clinical symptoms and course.
Recognizing of microscopic pictures and linking them to adequate diseases and disorders.

Learning outcomes / reference to learning outcomes indicated in (underline as appropriate):
education standards (Regulation of the Ministry of Science and Higher Education) / Resolution of the
Senate of the Medical University of Silesia (indicate terms specified in education standards / signs of
learning outcomes approved by the Resolution of the Senate of the Medical University of Silesia)
For knowledge student knows and understands:
BC.W26. pathomorphological nomenclature
C.W27. basic mechanisms of cell and tissue injury
C.W28. clinical course of specific and non-specific inflammatory processes, tissue and organ regeneration
C.W29. definition and pathophysiology of shock, including shock causative factors and multi-organ insufficiency
C.W30. etiology of hemodynamic disorders, degenerative and progressive changes
C.W31. detailed organ pathology; gross and microscopic pictures as well as clinical course of pathological changes within different organs
C.W32. consequences of pathological changes for organs located within the area
C.W33. external, internal, modifiable and non-modifiable pathological factors
C.W34. clinical course of most common diseases of tracts and organs, metabolic diseases, electrolyte, hormonal and acid-base balance disorders
For skills student can do:
C.U11. links tissue and organ disorders with clinical symptoms, anamnesis and laboratory results
C.U12. analysis of reactive, protective and adaptation processes as well as regulation disturbances caused by etiological factors
For social competencies student is ready to: constant training.

9. Number of hours for the course		170	**10. Number of ECTS points for the course**	13
11. Form of evaluation: exam				

12. Methods of verification and evaluation of learning outcomes

Learning outcomes	Methods of verification	Methods of evaluation*/ credit
Knowledge	Written evaluation – open questions Grade credit – MCQ	*
Skills	Report Observation Practical exam	*
Competencies	Observation	*

* For exams and grade credits the following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level
Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level
Good (4,0) – the assumed learning outcomes have been achieved at the required level
Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level
Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level
Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved