

DESCRIPTION OF THE COURSE OF STUDY

Course code	0912-7LEK-F-20-M	
Name of the course in	Polish	Metody diagnostyki patomorfologicznej i molekularnej
	English	Methods of pathological and molecular diagnostics

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's studies
1.4. Profile of study*	General academic
1.5. Specialization*	Lack
1.6. Unit running the course of study	The Faculty of Medicine and Health Sciences
1.7. Person/s preparing the course description	Prof. dr hab. n. med. Anna Nasierowska-Guttmejer
1.8. Person responsible for the course of study	Prof. dr hab. n. med. Anna Nasierowska-Guttmejer
1.9. Contact	anna.nasierowska@cskmswia.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Affiliation with the module	Elective
2.2. Language of instruction	English
2.3. Semesters in which the course of study is offered	5 th semester
2.4. Prerequisites*	none

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture- 15h	
3.2. Place of classes	Traditional classes in the didactic room of Faculty of Medicine and Health Sciences	
3.3. Form of assessment	Credit with grade	
3.4. Teaching methods	Informative lecture	
3.5. Bibliography	Required reading	1. E. C. Klatt. Robbins and Cotran Atlas of Pathology, 3th Edition, 2015, Elsevier.
	Further reading	1. Alan Stevens MBBS FRCPATH (Author), James S. Lowe BMedSci BMBS DM FRCPATH Professor: Pathology

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p>4.1. Course objectives (lecture)</p> <p>C1. Getting to know basic and supplementary diagnostic methods.</p> <p>C2. Knowing the importance of diagnostic methods to determine the diagnosis.</p> <p>C3. Familiarization with diagnostic methods useful for cancer therapy.</p> <p>C4. Understanding the role of a pathomorphologist in personalized therapy.</p>
<p>4.2. Detailed syllabus (lecture)</p> <p>1. Methods of pathomorphological diagnosis primary and complementary immunohistochemical as well as molecular.</p> <p>2. The importance of diagnostic methods in recognition and assessment of predictors in personalized therapy</p>

4.3. Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
within the scope of KNOWLEDGE:		
W01	determines the clinical course specific and non-specific inflammations and describes the regeneration of tissues and organs;	C.W27.
W02	knows the problems concerning specific organ pathology, macroscopic and microscopic images and the clinical course of pathological changes in various organs;	C.W30.
W03	lists internal and external pathogens, both modifiable and non-modifiable;	C.W32.
within the scope of ABILITIES:		
U01	understands the relation between images of tissue and organ damage and clinical symptoms of the disease, medical history and the results of laboratory determinations;	C.U11.

4.4. Methods of assessment of the intended teaching outcomes

Teaching outcomes (code)	Method of assessment (+/-)																				
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others*		
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes		
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01				+																	
W02				+																	
W03				+																	
U01				+																	

*delete as appropriate

4.5. Criteria of assessment of the intended teaching outcomes

Form of classes	Grade	Criterion of assessment
lecture (L)	3	From 61%-68% Mastering program content at the elementary level, chaotic answers, guidance questions necessary
	3,5	From 69%-76% Mastering program content at the elementary level, systematized answers, teacher's help required
	4	From 77%-84% Mastering program content at the elementary level, systematized and independent responses. Solving problems in typical situations.
	4,5	From 85%-92% The scope of the presented knowledge goes beyond the basic level based on the provided supplementary literature. Solving problems in new and complex situations.
	5	From 93%-100% The scope of the presented knowledge goes beyond the basic level based on independently acquired scientific sources of information.

- **Thresholds are valid from 2018/ 2019 academic year**

5. BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT

Category	Student's workload
	Full-time studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	15
<i>Participation in lectures*</i>	15
<i>Participation in classes, seminars, laboratories*</i>	
<i>Preparation in the exam/final test*</i>	
<i>Others*</i>	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	10
<i>Preparation for the lecture*</i>	10
<i>Preparation for the classes, seminars, laboratories*</i>	
<i>Preparation for the exam/test*</i>	
<i>Gathering materials for the project/Internet query*</i>	
<i>Preparation of multimedia presentation</i>	
<i>Others*</i>	
<i>TOTAL NUMBER OF HOURS</i>	25
ECTS credits for the course of study	1

Accepted for execution (date and signatures of the teachers running the course in the given academic year)

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