DESCRIPTION OF THE COURSE OF STUDY

Course code		**0912.7.LEK.D.TSA**
Name of the course in	Polish	***Nieprawidłowości struktur tkankowych***
	English	***Tissue structure abnormalites***

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. Person preparing the course description	Dr n. med. Agnieszka Radowicz- Chil
1.6. Contact	agnieszka.radowicz-chil@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	English
2.2. Prerequisites*	

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes		Lectures (L): 15h (including 10h of e-learning)
3.2. Place of classes		UJK , SCO
3.3. Form of assessment		Credit with grade Credit
3.4. Teaching methods		Lectures (including e-learning):
3.5. Bibliography	**Required reading**	https://www.learnoncology.ca/modules/basic-oncology-principles
	Further reading	

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives *(lecture)*

Lectures

C1 Define key oncological terminology, including terms related to tumor classification, staging, grading

C2 Use oncological vocabulary appropriately

(including e-learning):

C1 Recognize terminology used in cancer staging systems, including TNM classification and other disease-specific staging framework

C2 Explain the principles of cancer development (carcinogenesis), including genetic, molecular, and environmental factors

4.2. Detailed syllabus *(lecture)*

Lectures

1. Define and apply key oncological terms.

Describe the differences between benign and malignant neoplasms.

2. Understand terminology related to cancer development (carcinogenesis

(including e-learning):

1. Use standard staging and grading terms, including TNM classification

2. Definitions: neoplasm, tumor, cancer. Benign vs. malignant terminology

.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of **KNOWLEDGE**:		
W01	human anatomy topographically and functionally, including topographical relations between individual organs along with anatomical, histological and embryological terminology in Polish and English;	A.W1.
W02	basic cellular structures and their functional specifications;	A.W2.
W03	microarchitecture of tissues, extracellular matrix and organs;	A.W3.
within the scope of **ABILITIES**:		
U01	operate the optical microscope, also making use of immersion;	A.U1
U02	recognize histological structures of organs, tissues, cells and cellular structures on the optical or histological microscope images, describe and interpret the structure and relations between the structure and the function;	A.U2
within the scope of **SOCIAL COMPETENCE**:		
K01	recognize his/her own limitations and self-evaluate educational deficiencies and needs;	K.S5.
K02	use reliable information sources;	K.S7.
K03	give opinions concerning various aspects of professional activity;	K.S10.
K04	take responsibility for own decisions made during professional activities including own safety and safety of other people;	K.S11.

4.4. Methods of assessment of the intended learning 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																					
U02																					
K01-K04																					

****delete as appropriate***

4.5. Criteria of assessment of the intended learning outcomes		
Form of classes	**Grade**	**Criterion of assessment**
lecture (L) (including e-learning)	**3**	60%
	3,5	
	4	70%
	4,5	
	5	90%

delete as appropriate

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

Category	**Student's workload**
	Full-time studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	**15**
*Participation in lectures**	**10**
*Participation in classes, seminars, laboratories**	
*Preparation in the exam/ final test**	
Others(including e-learning)*	**5**
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	
*Preparation for the lecture**	
*Preparation for the classes, seminars, laboratories**	
*Preparation for the exam/test**	
*Gathering materials for the project/Internet query**	
Preparation of multimedia presentation	
*Others**	
TOTAL NUMBER OF HOURS	**15**
ECTS credits for the course of study	**1**

delete as appropriate

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

.....

[1] e-learning