1. COURSE DECRIPTION – GENERAL INFORMATION								
1.1. Course teacher	Professor Mirna Sučić, PhD	1.6. Year of study	1 st					
1.2. Name of the course	Cytology and Histology	1.7. Credit value (ECTS)	5.5					
1.3. Associate teachers	-	1.8. Type of instruction (number of hours L+E+S+e-learning)	30+10+5					
1.4. Study programme (undergraduate, graduate, integrated)	Medical Biochemistry integrated study programme	1.9. Expected enrolment in the course	25					
1.5. Status of the course	Compulsory	1.10. Level of use of e-learning (1, 2, 3 level), percentage of instruction in the course on line (20% maximum)	2 nd					
2. COURSE DESCRIPTION								
	To learn essentials of human histology and human cell cytology, apply knowledge of human histology and cytology							
2.1. Course objectives	with specific cell physiology, anatomy and physiology of tissues and organ systems; learn about standard a nd new							
	techniques of cell and tissue specimen preparation for microscope analysis; recognise essential cytology of							
	inflammation and tumor cells.							
2.2. Enrolment requirements and required entry competences for the course	None.							
	Evaluating the clinical relevance of diagnostic indicators of basic cytomorphology and histology of normal cells and							
2.3. Learning outcomes at the level of	normal tissue and of cytomorphology of inflammation and tumor cells.							
the study programme to which the course contributes	Implementation of standard and new technical methods (laboratory techniques for cell ad tissue specimen							
	preparation for microscope analyisis) for detecting and follow-up of disease and treatment monitoring.							
2.4. Expected learning outcomes at the level of the course (4-10 learning outcomes)	At the end of the course the trainee will be able to:							
	Apply fundamental knowledge of histology of tissue and histology of organ systems with essentials of human anatomy;							
	2. Apply fundamental knowledge of various cell cytology and histology of tissue and histology of organ systems with							
	cell, tissue and organ system physiology;							
	3. Describe and define laboratory techniques fo preparing cell and tissue specimens for microscope analysis;							
	4. Describe and recognise cells of specific tissues and organ systems;							
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	5. Describe and recognize specific histologic tissues;					
	6. Describe and recognize cytomorphology of inflammation and tumors.					
2.5. Course content broken down in detail by weekly class schedule (syllabus)						
2.6. Type of instruction	lectures seminars and workshops exercises online in entirety mixed e-learning	independent study multimedia and the internet laboratory work with the mentor (other)	2.7. Comments: Fonts in <i>italic</i> indicate students seminars.			

	field work						
2.8. Student responsibilities	Regular attendance of classes; active participation in seminares, practical test of excercises classes, final exam (written test)						
2.9. Screening of student's work (specify the proportion of ECTS credits for each activity)	Class attendance	1	Research		Practical training		
	Experimental work		Report				
	Essay		Seminar essay	1	(Otherdescribe)		
	Tests		Oral exam		(Other—describe)		
	Written exam	3.5	Project		(Other—describe)		
2.1. Grading and evaluation of student work over the course of instruction and at a final exam	Final exam; (wriiten test), practical test of excercises classes, credits for regulary attendance of classes, credits for active participation in seminars.						
2.2. Required literature (available at the library and via other media)	Title						
	Junqueira LC, Carneiro J. Osnove histologije, Školska knjiga, 2005.						
	Junqueria LC, Carneiro J, Kelly RO. Osnove hisologije. Školska knjiga, Zagreb 1999.						
	Sučić M. Osnove citologije i histologije, priručnik za nastavu, FBF, 2006.						
	Sučić M. Šoljić V. Osnove citologije i histologije, skripta, FBF, 2014.						
2.12. Optional literature	-						
2.13. Methods of monitoring quality that ensure acquisition of exit competences	Learning outcomes 1-6 work.	will be teste	d by written exam. Outcor	mes 4-6 will a	dditionally be tested during t	he laboratory	