



## Международный университет Кыргызстана

### Международная школа медицины

#### Кафедра Патологии



## PATHOLOGIC ANATOMY SYLLABUS

### Thematic plan for studying discipline (by semesters)

#### 3d SEMESTER

№	Themes	Auditory lessons				Total	IWST	IWS	Formed competencies	Used educational technologies, ways, and methods of teaching	Forms of the current and frontier control
		lectures	seminars	Practical classes	Laboratory works						
	<b>Module 1</b>	18		18		36	12	12			
<i>1</i>	Introduction in pathologic anatomy. Main and notions definitions. Etiology, pathogenesis, morphology, morphogenesis, pathomorphism, tanatogenesis.	2		2		4	1	1	<i>EC-1, EC-5, PC-8.</i>	<i>L, RD</i>	



2	Cell injury. Necrosis. Apoptosis. Types.	2		2		4	2	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
3	Intracellular accumulations.	2		2		4	2	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG,	Pr, CS
4	Extracellular accumulations.	2		2		4	1	2	EC-1, EC-5, PC-8, PC-12, PC-2727	LV, SG	Pr, CS
5	Pigmentations. Calcification.	2		2		4	1	2	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG	Pr, CS
6	Circulatory disturbances. Edema. Hyperemia, arterial (active) and venous (passive). Ischemia	2		2		4	1	2	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
7	Circulatory disturbances. Thrombosis, embolism, infarction. Shock	2		2		4	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
8	Inflammation. General pathology. Acute inflammation	2		2		4	2	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
9	Chronic inflammation. Granulomatous inflammation	2		2		4	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
	<b>Module 2</b>	18		18		36	12	12			
10	Cellular Adaptations	2		2		4	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
11	Tissue repair. Regeneration. Wound healing	2		2		4	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
12	Neoplasia. General pathology	2		2		4	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
13	Epithelial tumors	2		2		4	2	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
14	Mesenchymal tumors. Melanin-derived tumors. Tumors in children	2		2		4	1	2	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
15	Genetic disorders	2		2		4	2	1	EC-1, EC-5,	LV, SG, RT	Pr, CS



									PC-8, PC-12, PC-27		
16	Congenital anomalies	2		2		4	2	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
17	Immunopathology	2		2		4	1	2	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
18	Environmental disorders	2		2		4	1	2	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
	TOTAL:	36		36		72	24	24			

#### 4<sup>th</sup> SEMESTER

№	Themes	Auditory lessons				Total	IWST	IWS	Formed competencies	Used educational technologies, ways, and methods of teaching	Forms of the current and frontier control
		lectures	seminars	Practical classes	Laboratory works						
	<b>Module 1</b>	9		18		27	9	9			T
1	Pathology of respiratory system	1		2		3	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	
2	Pathology of respiratory system	1		2		3	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
3	Pathology of cardiovascular system.	1		2		3	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	Pr, CS
4	Pathology of cardiovascular system.	1		2		3	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	
5	Pathology of cardiovascular system.	1		2		3	1	1	EC-1, EC-5, PC-8, PC-12, PC-27	LV, SG, RT	



6	Pathology of cardiovascular system.	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
7	Pathology of endocrine system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
8	Pathology of endocrine system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	
9	Pathology of reproductive system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
10	Pathology of reproductive system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
11	Pathology of GIT	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
12	Pathology of GIT	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
13	<b>Module 2</b>	9		18		27	12	12			
14	Pathology of urinary system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
15	Pathology of urinary system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
16	Pathology of nervous system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
17	Pathology of nervous system	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
18	Infectious diseases	1		2		3	1	1	<i>EC-1, EC-5, PC-8, PC-12, PC-27</i>	<i>LV, SG, RT</i>	Pr, CS
	Total:	18		36		54	18	18			