

COURSE DESCRIPTOR

№	Topic	Total, hours	Lectures, hours	Workshops (seminars) , hours	Labs, hours	Self-study of the material, hours	Individual tasks, hours
full-time course form of study							
Module 1. General nosology							
1	Common teaching about disease. General etiology and pathogenesis	6	2	2	0	2	0
2	Pathogenic effects of environmental factors	4	0	2	0	2	0
3	The role of heredity, constitution, age factors in pathology	4	0	2	0	2	0
4	Reactivity and resistance. Pathophysiology of immunological reactivity	5	0	2	0	3	0
5	Allergy	6	2	2	0	2	0
6	Final class in module 1 "General nosology"	5	0	2	0	3	0
Module 2. Typical pathological processes							
1	Peripheral circulatory disorders	4	0	2	0	2	0
2	Inflammation	6	2	2	0	2	0
3	Fever	4	0	2	0	2	0
4	Tumors	7	2	2	0	3	0
5	Final class in module 2 "Typical pathological processes"	5	0	2	0	3	0
Module 3. Typical metabolic disorders							
1	Energy, lipid and protein metabolism disorders. Starvation	5	0	2	0	3	0
2	Carbohydrate metabolism disorders. Diabetes	6	2	2	0	2	0
3	Water-salt metabolism disorders	6	2	2	0	2	0
4	Calcium and phosphate metabolism disorders	4	0	2	0	2	0
5	Acid-base balance disorders	6	2	2	0	2	0
6	Final class in module 3 "Typical metabolic disorders"	5	0	2	0	3	0

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Module 4. Pathophysiology of the blood system							
1	Pathology of red blood cells. Anemia	6	2	2	0	2	0
2	Leukocytosis, leukopenia	2	0	2	0	0	0
3	Leukemia	2	0	2	0	0	0
4	Disorders of hemostasis	2	0	2	0	0	0
5	Final class in module 4 “Pathophysiology of the blood system”	4	0	2	0	2	0
Module 5. Pathophysiology of the cardiovascular system and external respiration							
1	Pathophysiology of the heart. Heart failure. Arrhythmias	2	0	2	0	0	0
2	Coronary heart disease. Atherosclerosis. Hypertension	6	2	2	0	2	0
3	Pathophysiology of respiration	2	0	2	0	0	0
4	Hypoxia	2	0	2	0	0	0
5	Final class in module 5 “Pathophysiology of the cardiovascular system and respiration”	4	0	2	0	2	0
Module 6. Pathophysiology of digestion, liver, kidneys							
1	Pathophysiology of digestion. Impaired digestion in the oral cavity and stomach. Peptic ulcer disease	4	2	2	0	0	0
2	Pathophysiology of digestion. Digestive disorders in the intestines. Acute pancreatitis	2	0	2	0	0	0
3	Pathophysiology of the liver	2	0	2	0	0	0
4	Pathophysiology of the kidneys	4	2	2	0	0	0
5	Final class in module 6 “Pathophysiology of digestion, liver and kidneys”	4	0	2	0	2	0
Module 7. Pathophysiology of the endocrine and nervous system							
1	Pathophysiology of the endocrine system	4	0	2	0	2	0
2	Pathophysiology of the nervous system	4	0	2	0	2	0
3	Final class in module 7 “Pathophysiology of endocrine and nervous systems”	4	0	2	0	2	0

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4	Final testing "Step-1"	2	0	2	0	0	0
<i>Total (full-time course form of study)</i>		<i>150</i>	<i>22</i>	<i>72</i>	<i>0</i>	<i>56</i>	<i>0</i>
part-time course form of study							
Module 1. General nosology							
1	Common teaching about disease. General etiology and pathogenesis	0	0	0	0	0	0
2	Pathogenic effects of environmental factors	0	0	0	0	0	0
3	The role of heredity, constitution, age factors in pathology	0	0	0	0	0	0
4	Reactivity and resistance. Pathophysiology of immunological reactivity	0	0	0	0	0	0
5	Allergy	0	0	0	0	0	0
6	Final class in module 1 "General nosology"	0	0	0	0	0	0
Module 2. Typical pathological processes							
1	Peripheral circulatory disorders	0	0	0	0	0	0
2	Inflammation	0	0	0	0	0	0
3	Fever	0	0	0	0	0	0
4	Tumors	0	0	0	0	0	0
5	Final class in module 2 "Typical pathological processes"	0	0	0	0	0	0
Module 3. Typical metabolic disorders							
1	Energy, lipid and protein metabolism disorders. Starvation	0	0	0	0	0	0
2	Carbohydrate metabolism disorders. Diabetes	0	0	0	0	0	0
3	Water-salt metabolism disorders	0	0	0	0	0	0
4	Calcium and phosphate metabolism disorders	0	0	0	0	0	0
5	Acid-base balance disorders	0	0	0	0	0	0

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6	Final class in module 3 "Typical metabolic disorders"	0	0	0	0	0	0
Module 4. Pathophysiology of the blood system							
1	Pathology of red blood cells. Anemia	0	0	0	0	0	0
2	Leukocytosis, leukopenia	0	0	0	0	0	0
3	Leukemia	0	0	0	0	0	0
4	Disorders of hemostasis	0	0	0	0	0	0
5	Final class in module 4 "Pathophysiology of the blood system"	0	0	0	0	0	0
Module 5. Pathophysiology of the cardiovascular system and external respiration							
1	Pathophysiology of the heart. Heart failure. Arrhythmias	0	0	0	0	0	0
2	Coronary heart disease. Atherosclerosis. Hypertension	0	0	0	0	0	0
3	Pathophysiology of respiration	0	0	0	0	0	0
4	Hypoxia	0	0	0	0	0	0
5	Final class in module 5 "Pathophysiology of the cardiovascular system and respiration"	0	0	0	0	0	0
Module 6. Pathophysiology of digestion, liver, kidneys							
1	Pathophysiology of digestion. Impaired digestion in the oral cavity and stomach. Peptic ulcer disease	0	0	0	0	0	0
2	Pathophysiology of digestion. Digestive disorders in the intestines. Acute pancreatitis	0	0	0	0	0	0
3	Pathophysiology of the liver	0	0	0	0	0	0
4	Pathophysiology of the kidneys	0	0	0	0	0	0
5	Final class in module 6 "Pathophysiology of digestion, liver and kidneys"	0	0	0	0	0	0
Module 7. Pathophysiology of the endocrine and nervous system							
1	Pathophysiology of the endocrine system	0	0	0	0	0	0
2	Pathophysiology of the nervous system	0	0	0	0	0	0

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3	Final class in module 7 “Pathophysiology of endocrine and nervous systems”	0	0	0	0	0	0
4	Final testing "Step-1"	0	0	0	0	0	0
<i>Total (part-time course form of study)</i>		0	0	0	0	0	0