

Schedule of the Lectures
(1st semester)

№	Topics	Working hours
1	Cytology. Cell biology. Cell structure. Eukaryotic and Prokaryotic cells. Functional and morphological characters of cell.	1.3
2	Parasitology as a science. Medical parasitology: objects and the aims. Subkingdom Protozoa. Phylum Sarcodina. Phylum Flagellata. Phylum Apicomplexa	1.3
3	Medical helminthology. Epidemiological classifications of the helminthes. Phylum Plathelminthes: the main characteristics. Class Trematodes Class Cestoides	1.3
4	Phylum Nematelminthes: the main characteristics. Class Nematoda	1.3
5	Phylum Nematelminthes. Family Filariasis. Self-depended student work. Arthropoda – human parasites.	3
	Total hours	10

(2st semester)

№	Topics	Working hours
6	Gene interactions	1.3
7	Gene linkage.	1.3
8	Variability. Mutations. Molecular basis of mutations appearing. Phenotype expression	1.3
9	Human genetics. Methods of human genetics. Self-depended student work. Hereditary diseases (exam)	3
	Total hours	8

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