APPROVED
Head of the Department of Medical
Biology, Parasitology and Genetics
Assoc. Prof. Maria KUSHYNSKA
Protocol No 11 from 11.01.2024

THEMATIC AND CALENDAR SCHEDULE OF LECTURES FROM THE DISCIPLINE «MEDICAL BIOLOGY, PARASITOLOGY AND GENETICS» FOR THE FIRST YEAR STUDENTS SPECIALTY 221 DENTISTRY IN THE 2023-2024 ACADEMIC YEAR

SPRING SEMESTER

No	Topic	Hours	Date	Lecturer
1.	The basic principles of human genetics. Methods of the human inheritance investigation. Hereditary human diseases.		18.01-31.01	Paryzhak S. Ya. – Ph.D.,
2.	The medical and biological basis of parasitism. Protozoa are human parasites.	2	1.02-14.02	Associate Professor;
3.	Medical Helminthology. Flat and Round worms are human parasites.	2	15.02-28.02	Onufrovych
4.	Medical Arachnoentomology. Arthopods as the causative agents and vectors of human infections and invasions.		29.02-14.03	O.K. – Ph.D., Associate Professor
	Total for Spring Semester	8 hours		
	Total for the Academic year	16 hours		

Head teacher of the Department of Medical Biology, Parasitology and Genetics



Assoc. Prof. Oksana PERSHYN

APPROVED
Head of the Department of Medical
Biology, Parasitology and Genetics
Assoc. Prof. Maria KUSHYNSKA
Protocol No 11 from 11.01.2024

THEMATIC AND CALENDAR SCHEDULE OF PRACTICAL CLASSES FROM THE DISCIPLINE «MEDICAL BIOLOGY, PARASITOLOGY AND GENETICS» FOR THE FIRST YEAR STUDENTS SPECIALTY 221 DENTISTRY IN THE 2023-2024 ACADEMIC YEAR

SPRING SEMESTER

15. Genealogy of human as the method of human inheritance investigation. Study of twins. 16. Population-statistic method. The genetic counseling. 2 25.01-31.01 17. Dermatoglyphics as the method of human inheritance investigation. 2 1.02-7.02 18. Practical skills for the Part "Basic principles of heredity and variation. Methods of the human inheritance investigation". 2 8.02-14.02 19. Phylum Sarcomastigophora, Class Lobosea. 2 15.02-21.02 20. Phylum Ciliophora. Class Rimostomatea – human parasites. 2 22.02-28.02 21. Representatives of the Class Zoomastigophora – human parasites. 2 29.02-6.03 22. Phylum Apicomplexa. Representatives of the Class Sporozoea – human parasites. 2 7.03-13.03 23. Medical Helminthology. Phylum Flat worms (Platyhelminthes). Class Trematoda: liver, lancet, cat and lung flukes. 2 14.03-20.03 24. Class Trematoda: blood flukes, metagonimus and nanophyetus. 2 21.03-27.03 25. Class Cestoidea: beef, pork and dwarf tapeworms. 2 28.03-3.04 26. Class Cestoidea: echinococcus, alveococcus, broad tapeworm. 2 4.04-10.04 27. Phylum Round worms (Nemathelminthes). Class Nematoda: large intestinal roundworm, pinworm (seatworm) and whipworm – the causative agents of human diseases. 2 18.04-24.04 28. Phylum Round worms (Nemathelminthes). Class Nematoda: threadworm, hookworm and Guinea worm. 2 18.04-24.04	NIC	SPRING SEMESTER		
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Variation. Methods of the human inheritance investigation". 2 8.02-14.02		investigation.	2	
20. Phylum Ciliophora. Class Rimostomatea – human parasites. 21. Representatives of the Class Zoomastigophora – human parasites. 22. Phylum Apicomplexa. Representatives of the Class Sporozoea – human parasites. 23. Medical Helminthology. Phylum Flat worms (Platyhelminthes). Class Trematoda: liver, lancet, cat and lung flukes. 24. Class Trematoda: blood flukes, metagonimus and nanophyetus. 25. Class Cestoidea: beef, pork and dwarf tapeworms. 26. Class Cestoidea: echinococcus, alveococcus, broad tapeworm. 27. Phylum Round worms (Nemathelminthes). Class Nematoda: large intestinal roundworm, pinworm (seatworm) and whipworm – the causative agents of human diseases. 28. Phylum Round worms (Nemathelminthes). Class Nematoda: threadworm, hookworm and Guinea worm. 29. Practical skills for the Parts "Medical Protozoology" and "Medical Helminthology". 20. Total for IL Sympothem.		variation. Methods of the human inheritance investigation"	2	8.02-14.02
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21. Representatives of the Class Zoomastigophora – human parasites. 22. Phylum Apicomplexa. Representatives of the Class Sporozoea – human parasites. 23. Medical Helminthology. Phylum Flat worms (Platyhelminthes). Class Trematoda: liver, lancet, cat and lung flukes. 24. Class Trematoda: blood flukes, metagonimus and nanophyetus. 25. Class Cestoidea: beef, pork and dwarf tapeworms. 26. Class Cestoidea: echinococcus, alveococcus, broad tapeworm. 27. Phylum Round worms (Nemathelminthes). Class Nematoda: large intestinal roundworm, pinworm (seatworm) and whipworm – the causative agents of human diseases. 28. Phylum Round worms (Nemathelminthes). Class Nematoda: threadworm, hookworm and Guinea worm. 29. Practical skills for the Parts "Medical Protozoology" and "Medical Helminthology". 20. Total for H. Samastan.		Phylum Ciliophora. Class Rimostomatea – human parasites.	2	
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29. Practical skills for the Parts "Medical Protozoology" and "Medical Helminthology". 2 25.04-1.05		threadworm, hookworm and Guinea worm.	2	18.04-24.04
Total for II Semester	29.	Practical skills for the Parts "Medical Protozoology" and "Medical Helminthology".	2	25.04-1.05
		Total for II Semester	30	
hours			hours	
Total for the Academic Year 58		Total for the Academic Year		
hours			hours	

Head teacher of the Department of Medical Biology, Parasitology and Genetics



Assoc. Prof. Oksana PERSHYN

APPROVED

Head of the Department of Medical Biology, Parasitology and Genetics Assoc. Prof. Maria KUSHYNSKA

Protocol No 11 from 11.01.2024

THEMATIC AND CALENDAR SCHEDULE OF INDIVIDUAL WORK FROM THE DISCIPLINE «MEDICAL BIOLOGY, PARASITOLOGY AND GENETICS» FOR THE FIRST YEAR STUDENTS SPECIALTY 221 DENTISTRY IN THE 2023-2024 ACADEMIC YEAR

SPRING SEMESTER

	DI IVILO DELIVIDO I DIV		
No	TOPIC	Hours	Date
1.	Methods of laboratory diagnosis of protozoan	6	18.01-31.01
	diseases.		
2.	Methods of laboratory diagnosis of helminthiasis.	6	1.02-14.02
3.	Midges and its components: characteristic,	5	15.02-28.02
	importance as the intermediate hosts of helminthes		
-	and vectors of human diseases. Cockroaches and		
	bedbugs.		
4.	Poisonous plants and animals for human.	4	29.02-13.03
5.	Phylogenesis of circulatory systems of Vertebrates.	6	14.03-27.03
	Onto-phylogenetic causes of congenital defects.		
6.	Synthetic theory of evolution. Peculiarities of the	4	28.03-10.04
	evolutionary factors action in human populations.		
7.	Biosphere as a system, supporting the existence of	6	11.04-24.04
	human beings. Human ecology.		
	Total for Spring Semester		37
	Total		76

Total hours/credit 150/5.0 Lectures 16 hours Practices 58 hours; Individual work 76 hours.

Head teacher of the Department of Medical Biology, Parasitology and Genetics of Medical Biology and G