

CALENDAR PLANE
OF PRACTICAL LESSONS FOR MEDICAL BIOLOGY AND GENETICS
2014 - 2015

For students of Medical and Public health, and med ped. faculty.

I - SEMESTER

N	Theme of lessons	Implementation time	At o'clock
1	Microscopy. Preparation of temporary microslide	02.09 - 08.09.2014 y	3
2	Features of a structure about and eukaryotic cells	09.09 – 15.09.2014 y	3
3	Ultrastructural organization of eukaryotic cells.	16.09 – 22.09.2014 y	3
4	Receipts of substances in a cell.	23.09 – 29.09.2014 y	3
5	Mitotical cycle and cells life cycle. Cellular proliferation	30.09 – 06.10.2014 y	3
6	Mejotical cycle of a cell. Biological value of meiosis. Reproduction of organisms	07.10 – 13.10.2014 y	3
7	Monohybrid crossing. Interaction of genes by one allele steams. Plural allele.	14.10 – 20.10.2014 y	3
8	Dee - and polyhybrid crossing. Interaction of genes from different allele steam.	21.10 – 27.10.2014 y	3
9	The chromosomal theory of a heredity. The phenomena of coupling of genes and crossingover. Cards of chromosomes of the person. Inheritance of signs linked with a sex.	28.10 – 03.11.2014 y	3
10	DNA role in the maintenance and transfers of the hereditary information	04.11 – 10.11.2014 y	3
11	DNA role in fiber biosynthesis. Genetic engineering	11.11 – 17.11.2014 y	3
12	Variability and its forms.	18.11 – 24.11.2014 y	3
13	Methods of genetics of the person: genealogical and gemellary	25.11 – 01.12.2014 y	3
14	Methods of genetics of the person: the cytogenetic.	02.12 – 08.12.2014 y	3
15	Methods of genetics of the person: dermatoglyfical, biochemical.	09.12 – 15.12.2014 y	3
16	Methods of genetics of the person: population - statistical	16.12 – 22.12.2014 y	3
17	Hereditary illnesses of the person: chromosomal illnesses	23.12 – 29.12.2014 y	3
18	Hereditary illnesses of the person: gene illnesses.	06.01 – 12.01.2015 y	3
19	Medik-genetic consultation. Inheritance of normal and pathological signs at people	13.01 – 19.01.2015 y	4

Head of department,

Professor

F.H.Azizova

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№	Theme of lessons	Implementation time	Hours
1	The general laws of proembryonic period of development (progenesis)	19.01 – 24.01.2015 y	3
2	The general laws of embryonic development of the person and animals (embryogenesis)	26.01 – 31.01.2015 y	3
3	The general laws postembryonic period of development of the person. (postnatal period)	02.02 – 07.02.2015 y	3
4	Medical protozoology. Flagellant parasites of the person: tripanosoms, leishmania, trichomonads, lamblia.	09.02 – 14.02.2015 y	3
5	Medical protozoology. Cryptogamic – malarial plasmodium (activators of various kinds of a malaria). Coccidiosis	16.02 – 21.02.2015 y	3
6	Medical protozoology. Intestinal parasites of the person: a dysenteric amoeba, Balantidium	23.02 – 28.02.2015 y	3
7	Medical helminthology. Flat worms – parasites fluke: hepatic, cat's, lanceolate, pulmonary, shistozom.	02.03 – 07.03.2015 y	3
8	Tape parasites – hearts: pork, bull, dwarfish taenia, broad (fish) tapeworm, alveococcus, echinococcus	09.03 – 14.03.2015 y	3
9	Roundworms – parasites of the person: ascarid, seatworm, filaria	16.03 – 21.03.2015 y	3
10	Roundworms – parasites of the person: Trichuris, porkworm, guinea worm, stranglioids	23.03 – 28.03.2015 y	3
11	Methods of ovohelmyntoskopy: Preparation of temporary microslide, sedimentation, flotations. Ovohelmyntoskopy. Devastation. Dehelminization	30.03 – 04.04.2015 y	3
12	Medical Arachnoentomology. Arachnids: mite -scabby, settlement, taiga, dog	06.04 – 11.04.2015 y	3
13	Parasites - insects: louse, fleas, bugs, cockroaches	13.04 – 18.04.2015 y	3
14	Parasites - insects: flies, mosquitoes, mosquitoes.	20.04 – 25.04.2015 y	3
15	Onto – phylogenesis of systems of bodies: digestive system, a skin and a skeleton.	27.04 – 02.05.2015 y	3
16	Onto – phylogenesis of systems of bodies: nervous and secretory system.	04.05 – 09.05.2015 y	3
17	Onto – phylogenesis of systems of bodies: blood and respiratory, endocrinic system	11.05 – 16.05.2015 y	3
18	Poisonous animals.	18.05 – 23.05.2015 y	3
19	Ecology bases.	25.05 – 30.05.2015 y	4

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OF LECTURES FOR MEDICAL BIOLOGY AND GENETICS 2014 - 2015

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№	Theme of lectures	Implementation time	At o'clock
1	Biology in medical education system	02.09 - 15.09.2014	2
2	Molecular bases of a life. A cell- elementary genetic and structurally – a functional unit Cell as open system	16.09 – 29.09.2014	2
3	Bases of the general genetics. A genotype, a phenotype and conditions of environment	30.09 – 13.10.2014	2
4	Chromosomal theories a heredity. Floor genetics	14.10 – 27.10.2015	2
5	Molecular genetics (Problem lecture)	28.10 – 10.11.2015	2
6	Variability. Genetic danger of environmental contamination	11.11 – 24.11.2015	2
7	Genetics of the person. Medik - genetic consultation. Population genetics	15.11 – 08.12.2015	2
8	Individual development (ontogenesis). Reproduction of organisms. Regeneration of bodies and fabrics. A homeostasis. Immune – genetic bases of transplantation of bodies and fabrics	02.02 – 14.02.2015	2
9	Biological bases of parasitism and transmissible natural - focal illnesses. Medical protozoology	16.02 – 28.02.2015	2
10	Medical helminthology	02.03 – 14.03.2015	2
11	Medical arachnoentomology	16.03 – 28.03.2015	2
12	Poisonous animals.	30.03 – 11.04.2015	2
13	Development of bodies and systems of the person in ontophylogenesis	13.04 – 25.04.2015	2
14	Biosphere as is natural-historical system the Person and biosphere. Anthropogenesis. Ecology bases. The general ecology. Ecology of the per son	27.04 – 09.05.2015	2

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