

PLAN OF CLASSES
in the 4th term of 2022/2023 academic year
FOR THE FACULTY OF FOREIGN STUDENTS
(in English language)

	DATE	THEME	Hours
1	13.02-17.02	Carbohydrates of physiological significance. Determination of glucose in the blood serum.	3
2	20.02-24.02	Ways for glucose metabolism - I. Glucose tolerance test.	3
3	27.02-03.03	Ways for glucose metabolism - II. Determination of pyruvate in the urine.	3
4	06.03-10.03	Metabolism of glycogen. Regulation of carbohydrate metabolism. Students' individual work "Metabolism of carbohydrates".	3
5	13.03-17.03	MINI-EXAM "Metabolism of carbohydrates"	3
6	20.03-24.03	Lipids of physiological significance. Determination of triacylglycerols in the blood serum.	3
7	27.03-31.03	Metabolism of simple and complex lipids - I. Determination of total cholesterol in the blood serum.	3
8	03.04-07.04	Metabolism of simple and complex lipids - II. Determination of low density lipoproteins (LDL) in the blood serum.	3
9	10.04-14.04	Regulation of lipid metabolism. Disturbances of lipid metabolism. Students' individual work "Metabolism of	3
10	17.04-21.04	MINI-EXAM "Metabolism of lipids"	3
11	26.04-29.04	Hormone action mechanism. Qualitative reaction on adrenaline.	3
12	02.05-05.05	Biological action of hormones. Students' individual work "Characteristics of the major hormones".	3
13	10.05-13.05	Biochemistry of nutrition. Vitamins. Determination of the vitamin C in the urine.	3
14	15.05-19.05	Biochemistry of the blood. Determination of hemoglobin and calcium concentrations in the blood.	3
15	22.05-26.05	Biochemistry of the liver. Determination of the bilirubin in the blood serum.	3
16	29.05-02.06	Biochemistry of the kidney and urine. Biochemical analysis of the urine.	3
17	05.06-09.06	Integration of metabolism. Principles of clinical biochemistry. Final computer testing.	3

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professor**



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