

**PLAN OF CLASSES**  
**in the 4th term of 2020/2021 academic year**  
**FOR THE FACULTY OF INTERNATIONAL STUDENTS**  
**(in English language)**

Week	DATE	THEME	Hours
1	08.02-12.02	Carbohydrates of physiological significance. Determination of glucose in the blood serum.	3
2	15.02-19.02	Ways for glucose utilization - I. Glucose tolerance test.	3
3	22.02-26.02	Ways for glucose utilization - II. Determination of pyruvate in the urine.	3
4	01.03-05.03	Metabolism of glycogen. Regulation of carbohydrate metabolism. Students' individual work "Metabolism of carbohydrates".	3
<b>5</b>	<b>09.03-12.03</b>	<b>MINI-EXAM "Metabolism of carbohydrates"</b>	<b>3</b>
6	15.03-19.03	Lipids of physiological significance. Determination of triacylglycerols in the blood serum.	3
7	22.03-26.03	Metabolism of fatty acids. Ketone bodies. Determination of total cholesterol in the blood serum.	3
8	29.03-02.04	Metabolism of cholesterol and complex lipids. Determination of low density lipoproteins (LDL) in the blood serum.	3
9	05.04-09.04	Disturbances of lipid metabolism. Students' individual work "Metabolism of lipids".	3
10	12.04-16.04	Hormone action mechanism. Detection of adrenalin in the urine.	3
<b>11</b>	<b>19.04-23.04</b>	<b>MINI-EXAM "Metabolism of lipids"</b>	<b>3</b>
12	26.04-30.04	Biological action of hormones. Students' individual work "Characteristics of the major hormones".	3
13	03.05.-07.05	Biochemistry of nutrition. Vitamins. Determination of the vitamin C in the urine.	3
14	12.05-14.05	Biochemistry of the blood. Determination of hemoglobin and calcium concentrations in the blood.	3
15	17.05-21.05	Biochemistry of the liver. Determination of the bilirubin in the blood serum.	3
16	24.05-28.05	Biochemistry of the kidney and urine. Biochemical analysis of the urine.	3
17	31.05-04.06	Biochemistry of nervous, muscular and connective tissue. Quantitative measurement of protein in the liquor.	3
18	07.06-11.06	Integration of metabolism. Principles of clinical biochemistry. Final computer testing.	3

**Head of department  
of Biochemistry,  
professor**



**V.V.Lelevich**