

THE TIME-TABLE
of Biological chemistry lectures
 2023/2024 acad. year, *autumn semester* for 2nd year
 students of the Faculty of International Students

№	DATE	TOPIC
1	13.09	<i>Introduction to Biochemistry.</i> Protein chemistry.
2	27.09	<i>Enzymes.</i> The structure and properties. The mechanism of action.
3	11.10	<i>Enzymes.</i> The regulation of activity.
4	25.10	<i>Biologic oxidation.</i> Krebs cycle
5	01.11	<i>Biologic oxidation.</i> Tissue respiration. Oxidative phosphorylation.
6	08.11	<i>Carbohydrates.</i> Anaerobic metabolism.
7	15.11	<i>Carbohydrates.</i> Aerobic metabolism. Gluconeogenesis. Pentose phosphate pathway.
8	22.11	<i>Lipids.</i> Lipoprotein classification and metabolism. Tissue lipid metabolism: lipolysis, fatty acids β -oxidation, ketone bodies metabolism.
9	29.11	<i>Lipids.</i> Tissue lipid metabolism: lipid biosynthesis.
10	06.12	<i>Proteins and nucleic acids.</i> Digestion and absorption of proteins.

The head of department of biological chemistry
 06.09.2023

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