THE TIMETABLE
of **Biological Chemistry lectures**
for 2nd year students of the Faculty of International Students
third semester, 2026/2027 academic year

№	DATE	TOPIC
1	08.09	*Introduction to Biochemistry*. Protein chemistry.
2	22.09	*Enzymes.* The structure and properties. The mechanism of action.
3	06.10	*Enzymes.* The regulation of activity.
4	20.10	*Biologic Oxidation.* Krebs cycle.
5	03.11	*Biologic Oxidation.* Tissue respiration. Oxidative phosphorylation.
6	10.11	*Carbohydrates.* Anaerobic metabolism.
7	17.11	*Carbohydrates.* Aerobic metabolism. Gluconeogenesis. Pentose phosphate pathway.
8	24.11	*Lipids.* Lipoprotein classification and metabolism. Tissue lipid metabolism: lipolysis, fatty acids β-oxidation, ketone bodies metabolism.
9	01.12	*Lipids.* Tissue lipid metabolism: lipid biosynthesis.
10	08.12	*Proteins and Nucleic acids.* Digestion and absorption of proteins.
11	15.12	*Proteins and Nucleic acids.* Tissue metabolism of amino acids.

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