

## Course Listing for Laboratory Classes on Bioorganic Chemistry

Fall 2025 (all 01/09/2025 -02/01/2026)

Medical Faculty for International Students, 1st course, 2nd batch (specialty 7-07-0911- 01 "General Medicine")

№ n/n	Date	Theme
1.	01.09-06.09	Introduction. Classification and nomenclature of organic compounds
2.	08.09-13.09	Chemical bonding and mutual influence of atoms in organic molecules
3.	15.09-20.09	Spatial structure of organic molecules and stereoisomerism
4.	22.09-26.09	Reactivity of hydrocarbons
5.	29.09-03.10	Reactivity of alcohols, phenols, thiols, amines. Acid-base properties of organic compounds
6.	06.10-10.10	Reactivity of aldehydes and ketones
7.	13.10-17.10	Reactivity of carboxylic acids and their functional derivatives
8.	20.10-24.10	Poly- and heterofunctional compounds involved in vital processes and underlying the most important groups of drugs
9.	27.10-31.10	Biologically active heterocyclic compounds. Alkaloids
10.	03.11-07.11	Carbohydrates. Monosaccharides
11.	10.11-14.11	Carbohydrates. Oligo- and polysaccharides
12.	17.11-21.11	Amino acids
13.	24.11-28.11	Peptides and proteins
14.	01.12-05.12	Nucleic acids
15.	08.12-12.12	Lipids
16.	15.12-19.12	Low molecular weight bioregulators
17.	22.12-26.12	Concluding class "Biopolymers and their structural components"
18.	29.12-02.01	Concluding class «Structure and properties of some classes of organic compounds. Biopolymers and their structural components. Lipids»

The course schedule was approved at a department meeting № 1, 29.08.2025

Head of the Department of General Chemistry



M.M.Kauhanka