

THE THEMATIC PLAN
Laboratory classes on the course of Medical chemistry
 for the 1st year international students
 Gomel State Medical University
 in the 1st semester of the 2024 academic year

No. of class	Date of class	Topic of the class	Number of hours
1	12.02-17.02	Chemistry and medicine. The doctrine of the chemical equivalent. Methods of expressing the composition of solutions	2
2	19.02-24.02	Introduction into volumetric analysis	2
3	26.02-02.03	Acid-base titration	2
4	04.03-09.03	Theory of redox reactions	2
5	11.03-16.03	Redox titration. Permanganatometric titration	2
6	18.03-23.03	Chemical thermodynamics and bioenergetics	2
7	25.03-30.03	Electrode and reduction potentials	2
8	01.04-06.04	General characteristics of solutions. Heterogeneous equilibria	2
9	08.04-13.04	Colligative properties of solutions	2
10	15.04-20.04	Theories of solutions of weak and strong electrolytes	2
11	22.04-27.04	Acid-base equilibrium. Buffer solutions	2
12	29.04-04.05	Chemical kinetics and catalysis	2
13	06.05-11.05	Coordination compounds	2
14	13.05-18.05	Physico-chemistry of surface phenomena	2
15	20.05-25.05	Physico-chemistry of dispersed systems	2
16	27.05-01.06	Stability of colloidal-dispersed systems	2
17	03.06-08.06	Physico-chemistry of biopolymers and their solutions	2
18	10.06-15.06	The final class "Fundamentals of medical chemistry"	2
		That will be	36

Laboratory classes are held in classrooms 41, 41a, 44 of the academic building No. 2 (Biletskogo street, 11a).

Head of the Department

E.G. Tyulkova