


Volodymyr GELMBOLDT
“29” august 2024 year

CALENDAR - THEMATIC PLAN OF PRACTICAL CLASSES
the course " Industrial practice in pharmaceutical chemistry " for the fifth-year students
International Faculty in 2024-2025 academic year

№	Study of subject and content	The amount in hours	Group	Who teaches	Equipment classes	Date	Place of classes
1	2	3	4	5	6	7	8
1.	Modern methods of pharmaceutical analysis. Classification and characteristics.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
2.	General pharmacopoeial methods of analysis. General provisions on chemical methods of medicine analysis.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
3.	Testing for the limit content of impurities. Pharmacopoeial reactions for the detection of impurities in medicinal products.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
4.	Testing for the limit content of impurities. Analysis of purified water. Physical and chemical properties of water.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
5.	General principles of identification of medicinal substances.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
6.	Peculiarities of pharmaceutical use. analysis in the quality control of medicinal products.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
7.	Analysis of concentration of solutions.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
8.	Peculiarities of pharmaceutical use. analysis in the quality control of medicines manufactured in a pharmacy.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.

9.	Analysis of unstable medicinal products, as well as perishable medicinal products.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the	Department of Pharm.Chem.
10.	Analysis of 5% alcohol iodine solution.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
11.	Analysis of unstable medicinal products, as well as perishable medicinal products.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
12.	Analysis of aniseed drops.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
13.	Peculiarities of pharmaceutical use. analysis in the quality control of medicines manufactured in a pharmacy. Preparation and analysis of dosage forms for injections.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
14.	Processing of auxiliary material, personal hygiene of aseptic block workers.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
15.	Peculiarities of preparation and analysis of dosage forms for injections.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
16.	Chemical analysis of 50% analgin solution for injections.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
17.	Peculiarities of preparation and analysis of dosage forms for injections.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
18.	Chemical analysis of 5% aminocaproic acid solution.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
19.	Peculiarities of preparation, analysis and storage of children's medicines.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
20.	Peculiarities of preparation, analysis and storage of children's medicines, including for newborns.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
21.	Analysis of 1% glutamic acid solution.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.

22.	Peculiarities of using pharmaceutical analysis in quality control of medicines.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
23.	Analysis of dibazole 0.005, glucose 0.2.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
24.	Peculiarities of using pharmaceutical analysis in quality control of medicines. Analysis of eye drops.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
25.	Analysis of 0.25% zinc sulfate solution.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
26.	Peculiarities of using pharmaceutical analysis in quality control of medicines. Analysis of alcohol solutions.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
27.	Peculiarities of using pharmaceutical analysis in quality control of medicines. Calculations, examples.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
28.	Qualitative express analysis of medicines.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
29.	Quality control and chemical-pharmaceutical examination of plant raw materials.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
30.	Quality control and chemical-pharmaceutical examination of plant raw materials.	2	5, 6	Tetiana LOZHICHEVSKA Iryna LYTVYNCHUK	The visual material	according to the timetable	Department of Pharm.Chem.
Total		60					

**The head of the educational part
of the Department of Pharmaceutical Chemistry
and Drug Technology**

Oleksii NIKITIN