



COURSE SCHEDULE OF LECTURES
 on *ANALYTICAL CHEMISTRY* for students of 2nd year of education
 (title of academic subject)
 speciality 226 – PHARMACY, INDUSTRIAL PHARMACY (ΦΜ20(4,10)αηγλ)
 (code number and title of speciality)
 autumn semester, 2021/2022 academic year

№	Date	Topic of lecture	Hours	Lecturer
MODULE 1. QUALITATIVE ANALYSIS. BASIC OF QUANTITATIVE ANALYSIS				
1	01.09.21	Analytical chemistry and chemical analysis. Theory and practice of analysis of the I st and II nd analytical group cations. Theory of electrolytes solutions. The law of mass action and its application to the balances in heterogeneous systems	1	as. prof. Kostina T. A.
2	15.09.21	Theory and practice of analysis of the III ^d and IV th analytical group cations. Application of the law of mass action to the acid-base balances	1	as. prof. Kostina T. A.
3	29.09.21	Theory and practice of analysis of the V th and VI th analytical group cations. Application of the law of mass action to the balances in solutions of complex compounds	1	as. prof. Kostina T. A.
4	13.10.21	Oxidation-reduction balances. Qualitative analysis of anions	1	as. prof. Kostina T. A.
5	27.10.21	Theory and practice of analysis of the I st – III ^d analytical group anions	1	as. prof. Kostina T. A.
6	10.11.21	Quantitative analysis: concepts, methods, classification. Gravimetric methods of analysis	1	as. prof. Kostina T. A.
7	24.11.21	Titrimetric methods of analysis. Calculations in titrimetry. Preparation and standardization of titrants	1	as. prof. Kostina T. A.
8	08.12.21	Acid-base titration: content and possibilities of the method. Determination of individual compounds	1	as. prof. Kostina T. A.
<i>In all:</i>			8	

Note: the lecture is conducted on Wednesday at 12⁵⁰ in the lecture room 6
 (day) (time) (room number)

Head of the Analytical Chemistry

And Analytical Toxicology Department

prof. S. V. Kolisnyk