

CALENDAR-THEMATIC PLAN

lectures on the subject of choice

"Modern Methods of Investigation Biological Systems" for students

III year of the Faculty of Pharmacy for the 5th semester of 2021/2022 academic year

№	Topic	Date
1	2	3
1	Biological systems. Influence of biologically active substances on biological systems of different level of hierarchy, methods of its estimation.	03.09
2	Characteristics of physicochemical methods used in the analysis of drugs. "Physico-chemistry of drugs'action". Chromatographic research methods.	10.09
3	Spectroscopic and spectrometric methods of analysis. nuclear magnetic resonance spectroscopy, electronic paramagnetic resonance, infrared spectroscopy, UV spectroscopy, atomic adsorption spectrometry.	17.09
4	Mass spectrometry. Combination of chromatographic and spectrometric methods.	24.09
5	Methods of thermal analysis and calorimetric methods of analysis of solid forms.	01.10
Total		10