ЗАТВЕРДЖЕНО
на засіданні кафедри,
протокол №_1_
від “31” _серпня__2021 р.

CALENDAR-THEMATIC PLAN
laboratory classes in Pharmaceutical chemistry for students
IV year of the Faculty of Pharmacy for the 7th semester of 2021/2022 academic year

№ п/п	Topic	Hours	Group/Date		
			1-2 (3)	3-4, 9 (3)	5-6, 7-8 (3)
1	Cardiotonic drugs. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	01.09	03.09	06.09
2	Antiarrhythmic drugs. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	08.09	10.09	13.09
3	Drugs that improve blood supply to organs and tissues. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	15.09	17.09	20.09
4	Peripheral vasodilators. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	22.09	24.09	27.09
5	Calcium ion antagonists. Potassium channel activators. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	29.11	01.10	04.10
6	Drugs affecting the renin-angiotensin system Characteristics, classification, the relationship between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	06.10	08.10	11.10
7	Antihypertensive (antihypertensive) drugs. Hypertensive drugs. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	3	13.10	15.10	18.10

8	Angioprotectors. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	20.10	22.10	25.10
9	Antioxidants. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	27.10	29.10	01.11
10	Hypolipidemic drugs. Characteristics, classification, relationship between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine	**3**	03.11	05.11	08.11
11	Diuretics. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	10.11	12.11	15.11
12	Agents that affect platelet aggregation and blood clotting. Characteristics, classification, connection between structure and pharmacological action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	17.11	19.11	22.11
13	Antibiotics of heterocyclic structure. B-lactamase inhibitors. Characteristics, classification, connection between structure and action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	24.11	26.11	29.11
14	Tetracycline antibiotics and macrolides. Characteristics, classification, connection between structure and action, mechanism of action, methods of metabolism, production, methods of analysis, application in medicine	**3**	01.12	03.12	06.12
15	Aminoglycoside antibiotics, amphenicols, other groups of antibiotics. Characteristics, classification, connection between structure and action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	08.12	10.12	13.12
16	Sulfanilamides. Characteristics, classification, connection between structure and action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	15.12	17.12	20.12
17	Derivatives of naphthyridine and quinolonecarboxylic acids. Characteristics, classification, connection between structure and action, mechanism of action, metabolism, methods of production, methods of analysis, application in medicine.	**3**	15.12	17.12	20.12
Total:		**51**			