



CALENDAR PLAN OF LECTURES
 of the discipline **“PHARMACY-BASED TECHNOLOGY OF DRUGS”**
for 3-rd year students of the specialty Pharmacy for foreign
students Ph_m18 (5,0)* 01-02 groups
 for the autumn semester of 2020-2021 ed. year

№	Date	Topic	Amount in a h.	Lecturer
Semantic module 1. “General questions of drugs technology. Powders. Liquid dosage forms.”				
1	03.09.20	Technology of liniments	1	prof. Rukhmakova O. A.
2	10.09.20	Technology of homogeneous ointments	1	prof. Rukhmakova O. A.
3	17.09.20	Technology of heterogeneous ointments	1	prof. Rukhmakova O. A.
4	24.09.20	Technology of combined ointments	1	prof. Rukhmakova O. A.
5	01.10.20	Technology of suppositories by rolling out	1	ass. prof. Levachkova Yu.V.
6	08.10.20	Technology of suppositories by casting method on hydrophobic bases	1	ass. prof. Levachkova Yu.V.
7	15.10.20	Technology of suppositories by casting method on hydrophilic bases	1	ass. prof. Levachkova Yu.V.
8	22.10.20	Modern requirements to the preparation medicines for parenteral application in pharmacies.	1	ass. prof. Yuryeva G. B.
9	29.10.20	Technology of solutions for injections.	1	ass. prof. Yuryeva G. B.
10	05.11.20	Technology of solutions for injections required stabilization.	1	ass. prof. Yuryeva G. B.
11	12.11.20	Technology of isotonic solutions.	1	ass. prof. Herasymova I. V.
12	19.11.20	Technology of infusion solutions. Technology of solutions for injections with thermolabile substances, suspensions for injections.	1	ass. prof. Herasymova I. V.
13	26.11.20	Technology of ophthalmic medicines.	1	ass. prof. Herasymova I. V.
14	03.12.20	Technology of medicinal forms with antibiotics.	1	ass. prof. Herasymova I. V.
15	10.12.20	Difficult cases of preparation medicinal forms in pharmacies.	1	ass. prof. Buryak M.V.
16	17.12.20	Pharmaceutical incompatibilities.	1	ass. prof. Buryak M.V.
		Total	16	

Acting department chairman,

professor

Rukhmakova O.A.



CALENDAR PLAN OF LABORATORY CLASSES
of the discipline **“PHARMACY-BASED TECHNOLOGY OF DRUGS”**
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for the autumn semester of 2020-2021 ed. year

№	Date	Topic	Amount in a h., type	Points	
				min	max
SEMANTIC MODULE 3. “SOFT MEDICINAL FORMS AND SUPPOSITORIES”					
1	04.09.20	Liniments. Homogeneous ointments.	3/lab	2	3
2	11.09.20	Suspension ointments	3/lab	2	3
3	18.09.20	Emulsion ointments	3/lab	2	3
4	25.09.20	Combined ointments.	3/lab	2	3
5	02.10.20	Suppositories preparation by the rolling method	3/lab	2	3
6	09.10.20	Suppositories preparation by the casting method on hydrophobic bases	3/lab	2	3
7	16.10.20	Suppositories preparation by the casting method on hydrophilic bases	3/lab	2	3
8	23.10.20	MC on the topic “Soft medicinal forms and suppositories”	3/lab	4	9
SM 3 total :				18	30
SEMANTIC MODULE 4. “DOSAGE FORMS REQUIRED ASEPTIC CONDITIONS OF PREPARATION”					
9	30.10.20	General requirements to the preparation of solutions for injections. Solutions for injections.	3/lab	2	3
10	06.11.20	Solutions for injections required stabilization. Solutions for injections with thermolabile substances.	3/lab	2	3
11	13.11.20	Isotonic solutions. Solutions for infusions. Suspensions for injections	3/lab	2	3
12	20.11.20	Intra-pharmaceutical products. Dosage forms for newborns and children under 1 year of age	3/lab	2	3
13	27.11.20	Ophthalmic medicinal forms.	3/lab	2	3
14	04.12.20	Medicinal forms with antibiotics.	3/lab	2	3
15	11.12.20	Difficult cases of preparation medicinal forms at the chemist’s.	3/lab	2	3
16	18.12.20	Pharmaceutical incompatibilities.	3/lab	2	3
17	13.01.21	MC on the topic “Aseptical medicines. Difficult cases in technology. Pharmaceutical incompatibilities.”	3/lab	2	6
SM 4 total				18	30
18	15.01.21	Final module control: “Soft dosage forms and suppositories. Dosage forms required aseptic conditions of preparation”	3/lab	24	40
		Upgrade of rating of module 2: “Soft dosage forms and suppositories. Dosage forms required aseptic conditions of preparation”			
TOTAL				60	100

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professor

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