



CALENDAR-THEMATIC PLAN OF LECTURES on Pharmaceutical botany for 1 course*

speciality 226 «Pharmacy, industrial pharmacy»

(autumn semester, 2021 - 2022 academic years)

№	Date	The topic of the lecture	Amount in hours	Lecturer
MODULE 1. Anatomy and morphology of plant vegetative organs				
1.	3.09.2021	Introduction to botany, anatomy and cytology. Modern concept of plant cell structure, its components, which have diagnostic value in microscopical analysis of plant objects.	2	Mala O.S.
2.	17.09.2021	Introduction to histology. Interrelation and interaction of cells in plant organism. Plant tissues, their classification. Morphology, functional and topographical characteristics of meristematic, covering, basic tissues.	2	Mala O.S.
3.	1.10.2021	Morphology, functional and topographical characteristics of secretory, mechanical, conductive tissues and vascular bundles.	2	Mala O.S.
4.	15.10.2021	Anatomic structure of root, stem and rhizomes of the monocot plants.	2	Mala O.S.
5.	29.10.2021	Anatomic structure of stem and rhizomes of the dicot plants. Anatomy structure of the arboreal stem.	2	Mala O.S.
6.	12.11.2021	Anatomic structure of the leaf.	2	Mala O.S.
7.	26.11.2021	Introduction to morphology. Organs of plants. Morphology and functional characteristic of root.	2	Mala O.S.
8.	10.12.2021	Morphology and functional characteristic of shoot and their parts.	2	Mala O.S.
Total:			16	

Note: the lecture takes place on Friday at 10.25 on-line

Head of Pharmacognosy department, asst. prof. _____

Olga MALA