



CALENDAR-THEMED PLAN OF LECTURES

in **Pharmaceutical botany** for 1th year students 22 «Health» 226 «Pharmacy and industrial pharmacy», specialization 226.01 Pharmacy, educational program «Pharmacy»

ФМ23*(4,10д) English 1 group
(autumn semester, 2023-2024)

№	Date	Lesson Name	Volume in hours	Lecturer
CONTENT MODULE 1. ANATOMY AND MORPHOLOGY OF PLANT VEGETATIVE ORGANS.				
1.	14.09.2023	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	Mashtaler V.V.
2.	28.09.2023	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	Mashtaler V.V.
3.	12.10.2023	Morphology, functional and topographical characteristics of secretory, mechanical, conductive tissues and vascular bundles.	2	Mashtaler V.V.
4.	26.10.2023	Anatomic structure of root. Anatomic structure of stem and rhizomes of the monocot plants.	2	Mashtaler V.V.
5.	09.11.2023	Anatomic structure of stem and rhizomes of the dicot plants. Anatomy structure of the arboreal stem. Anatomic structure of the leaf.	2	Mashtaler V.V.
6.	23.11.2023	Introduction to morphology. Organs of plants. Morphology and functional characteristic of root.	2	Mashtaler V.V.
7.	07.12.2023	Morphological structure of flower and inflorescence.	2	Mashtaler V.V.
8.	21.12.2023	Morphological structure of fruit and multiple fruit.	2	Mashtaler V.V.
Total:			16	

Note: Lecture takes place on Thursday (II week) at 10²⁵-12⁰⁵ at Classroom Online 87

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Professor

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