



THE COURSE SCHEDULE OF LECTURES
in Pharmaceutical botany for 1st year
 specialty 226 «Pharmacy, industrial pharmacy»,
 specialization 226.01 Pharmacy, educational program
 Pharmacy
 ФМ24(4.10д)АНГЛ-01
 (spring semester, 2024 - 2025 academic years)

№	Date	Lesson Name	Volume in hours	Lecturer
MODULE 1.				
ANATOMY AND MORPHOLOGY OF PLANT VEGETATIVE ORGANS				
1.	3.02.2025	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.	17.02.2025	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.	3.03.2025	Morphology, functional and topographical characteristics of secretory, mechanical, conductive tissues and vascular bundles. Anatomic structure of root, stem and rhizomes of the monocot plants.	2	Mashtaler V.V.
4.	17.03.2025	Anatomic structure of stem and rhizomes of the dicot plants. Anatomy structure of the arboreal stem. Anatomic structure of the leaf. Introduction to morphology. Organs of plants. Morphology and functional characteristic of root.	2	Mashtaler V.V.
5	31.03.2025	Morphological structure of flower and inflorescence. Morphological structure of fruit and multiple fruit.	2	Mashtaler V.V.
Total:			10	

Note: Lecture takes place on Tuesday (I week) at 12⁵⁰-14³⁰

Head of the Department of Pharmacognosy and
Nutriology,
Professor

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