

**The thematic plan of practical training  
"Educational practice in botany"  
for students enrolled  
in the educational program in 2024  
05.33.01. Pharmacy, (specialty),  
full-time education  
The academic year is 2025-2026.**

<b>№</b>	<b>Thematic blocks</b>	<b>Practical training in the framework of the thematic block<sup>3</sup></b>	<b>Hours (academic)</b>
<b>2nd semester</b>			
1.	Organizational meeting. Safety briefing. Acquaintance with the plant species listed in the Red Book of the Volgograd region	III	6
	Formation of individual tasks		3
2.	Fundamentals of morphology. Morphology and anatomy of vegetative organs. Study of the morphological diversity of underground organs	III	6
	Completing individual tasks.		3
3.	Fundamentals of morphology. Morphology and anatomy of vegetative organs. Studying the branching of shoots. Excursion	III	6
	Completing individual tasks.		3
4.	Fundamentals of morphology. Morphology and anatomy of vegetative organs. Studying the morphological diversity of leaves.	III	6
	Completing individual tasks.		3
5.	Fundamentals of morphology. Morphology and anatomy of generative organs. The structure of the flower. Types of inflorescences	III	6
	Completing individual tasks.		3
6.	Fundamentals of morphology. Morphology and anatomy of generative organs. Fruits and seeds	III	6
	Completing individual tasks.		3
7.	Rules for collecting, drying, and herbarization of plants. Compilation of botanical collections. Compilation of a morphological description and identification of plants by a determinant	III	6
	Completing individual tasks.		3
8.	The main systematic groups of plants (gymnosperms). Excursion. Collection of material for morphological description of plants and compilation of herbarium.	III	6
	Completing individual tasks.		3

9.	Ecological groups of plants. Desk processing of the material. Excursion. Collection of material for morphological description of plants and compilation of herbarium.	III	6
	Completing individual tasks.		3
10.	Ecological groups of plants. Getting to know plant communities. Desk processing of the material. Excursion. Collection of material for morphological description of plants and compilation of herbarium	III	6
	Completing individual tasks.		3
11.	Ecological groups of plants. Getting to know plant communities. Desk processing of the material. Excursion. Collection of material for morphological description of plants and compilation of herbarium.	III	6
	Completing individual tasks.		3
12.	Report on individual tasks		6
	Preparing for the report on individual assignments		3
	Total		108

Considered at the meeting of the Department of Pharmaceutical, Toxicological Chemistry, Pharmacognosy and Botany "30" May 2025, Minutes № 10.

Head of the Department of Pharmaceutical,  
Toxicological Chemistry, Pharmacognosy  
and Botany, Professor



A.A.Ozerov