

**Thematic plan of classes
on practice ‘Educational practice on botany’
for students of 2023 year of admission
on the educational programme
33.05.01. Pharmacy, (speciality),
full-time form of education
2024- 2025 academic year.**

№	Thematic blocks	Hours (acad.)
1.	Organisational meeting. Safety briefing. Familiarisation with plant species included in the Red Book of Volgograd region	4
	Formation of individual assignments.	2
2.	Rules for collecting, drying and herbarising plants. Making botanical collections	6
3.	Writing a morphological description and identification of plants from an identifier	6
4.	Fundamentals of morphology. Morphology and anatomy of vegetative organs. Study of shoot branching and morphological diversity of leaves	4
	Excursion	2
5.	Fundamentals of morphology. Morphology and anatomy of vegetative organs. Study of morphological diversity of underground organs	6
6.	Fundamentals of morphology. Morphology and anatomy of generative organs	6
7.	The main systematic groups of plants (Gymnospermae). Morphological description of plants.	4
	Excursion. Collection of material for morphological description of plants.	2
8.	Ecological groups of plants. Desktop processing of the material. Desktop processing of the material. Morphological description of plants.	4
	Excursion. Collection of material for morphological	2

	description of plants and compilation of herbarium.	
9.	Ecological groups of plants. Chamber processing of the material. Morphological description of plants.	4
	Excursion. Collection of material for morphological description of plants and compilation of herbarium. Description of plant community	2
10.	Ecological groups of plants. Chamber processing of the material. Morphological description of plants.	4
	Excursion. Collection of material for morphological description of plants and compilation of herbarium. Description of plant community	2
11.	Preparation of diaries and herbarium for the practice credit	6
12.	Intermediate certification	6
	Total	72

Considered at the meeting of the Department of Pharmaceutical, Toxicological Chemistry, Pharmacognosy and Botany "28" August 2024, Minutes № 1.

Head of the Department of Pharmaceutical,
toxicological chemistry, pharmacognosy
and botany, Professor



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