

**Thematic plan of seminars
in the discipline "Pharmacognosy"
for students of the educational program
specialist in the specialty 33.05.01 Pharmacy,
direction (profile) Pharmacy,
form of study full-time
for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1.	Basics of pharmacognostic analysis of medicinal plant raw materials.	17,5
2.	Control of knowledge, abilities, skills on thematic blocks: " Basics of pharmacognostic analysis of medicinal plant raw materials "	2,5
3.	Fats and fat-like substances. Polysaccharides. Vitamins.	10
4.	Control of knowledge, abilities, skills in thematic blocks: Fats and fat-like substances. Polysaccharides. Vitamins ".	2,5
5.	Essential oils.	12,5
6.	Control of knowledge, abilities, skills on thematic blocks: " Essential oils. "	2,5
7.	Final session.	2,5
8.	Alkaloids.	18
9.	Control of knowledge, abilities, skills by thematic blocks: "Alkaloids ".	3,6
10.	Glycosides.	18
11.	Final thematic unit: "Glycosides ".	3,6
12.	Simple phenols. Anthracene derivatives.	7,2
13.	Control of knowledge, abilities, skills on thematic blocks: " Simple phenols. Anthracene derivatives".	3,6
14.	Final lesson.	3,6
15.	Flavonoids.	11,2
16.	Control of knowledge, abilities, skills in thematic blocks: " Flavonoids. "	2,8
17.	Coumarins. Chromones and lignans. Tannins.	14
18.	Control of knowledge, abilities, skills on thematic blocks: " Coumarins. Chromones and lignans. Tannins."	2,8

19.	Analysis of an unknown crushed medicinal raw material. Resource science.	14
20.	Control of knowledge, abilities, skills on thematic blocks: " Analysis of an unknown crushed medicinal raw material. Resource science."	2,8
21.	Final lesson.	2,8
	Total	157

Considered at the meeting of the department of pharmacognosy and botany "26" May 2023, protocol No 10

Head of the Department



A.V. Yanitckaya