

**Thematic plan for independent work of a student  
in discipline «Pharmacognosy»  
for students of 2022 year of admission  
under the educational programme  
33.05.01 Pharmacy,  
Specialist's degree,  
form of study full-time  
for the 2025-2026 academic year**

<b>№</b>	<b>Topic of independent work</b>	<b>Hours (academic)</b>
<b>5 semester</b>		
1.	History of the development of pharmacognosy. Polysaccharides, vitamins, essential oils. <sup>1</sup> The main stages of the development of pharmacognosy, the contribution of foreign and domestic scientists to the development of pharmacognosy. Medicinal plant materials containing polysaccharides, vitamins, essential oils. <sup>2</sup>	12
Control of independent work		<b>2</b>
<b>6 semester</b>		
2.	Alkaloids. Saponins. <sup>1</sup> Medicinal plant materials containing alkaloids and saponins. <sup>2</sup>	52
Control of independent work		2
<b>7 semester</b>		
3.	Medicinal plant raw materials containing various groups of biologically active compounds. Resource science of medicinal plants. <sup>1</sup> Medicinal plant raw materials containing thio- and cyanoglycosides, chromones, lignans and phenylpropanoids. Resource science, goals, objectives, basic concepts. Methods for assessing reserves of medicinal plant raw materials. <sup>2</sup>	39
Control of independent work		2
Total		103

<sup>1</sup> – topic

<sup>2</sup> – essential content

Considered at the department meeting of Pharmaceutical, Toxicological Chemistry, Pharmacognosy and Botany, protocol of «30» May 2025. № 10.

Head of the Department



A.A. Ozerov.