

**Thematic plan of independent work of the student  
in the discipline " Medical and pharmaceutical commodity science "  
for students of the educational program  
of the specialist in the specialty 33.05.01 Pharmacy,  
direction (profile) Pharmacy,  
full-time of study  
for the 2023-2024 academic year**

№	The topic of independent work	Hours (academic)
1.	Classification and coding of medical and pharmaceutical goods. Consumer value and quality of pharmaceutical and medical goods. <sup>1</sup> Methods of classification of goods. Classifiers of products and goods. Connection of consumer value and quality. Quality indicators. Standards. Normative documentation. <sup>2</sup>	12
2.	Fundamentals of materials science and manufacturing technology from the point of view of formation of consumer value and quality of goods. <sup>1</sup> Metals and their alloys. Technological process of production of metallic materials. Glass and ceramic materials, technological process of production of glass products. Polymeric materials. Concept, classification, application. Rubber and rubbers. Technological process of production of rubber products. Plastic masses. Methods of manufacturing products from plastics <sup>2</sup>	12
3.	Factors preserving consumer properties and quality of medical and pharmaceutical goods. Procedure of registration and conclusion of agreements and contracts with suppliers. Commodity analysis of medicines and other goods of pharmacy assortment. <sup>1</sup> Classification and basic requirements for packaging. Labeling of medicinal products. Storage and transportation of medicinal products. The system of monitoring the movement of medicines in the Russian Federation. <sup>2</sup>	12
4.	Control of independent work	2
	<b>Total</b>	<b>38</b>

-Subject

<sup>2</sup> - essential content

Considered at the meeting of the department of Management and Economics of Pharmacy,  
Medical and Pharmaceutical Merchandising "26" May 2023, protocol No. 10.

Head of the Department,

Doctor of Pharmacy

A handwritten signature in blue ink, appearing to be 'L.M. Ganicheva', written in a cursive style.

L.M. Ganicheva