

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

№	Topics of lectures	Hours (academic)
1.	Commodity science as a science. <sup>1</sup> Historical aspects. The subject and tasks of medical commodity science in the professional activity of a pharmacist. Theoretical foundations of medical commodity science. Use value and use properties of medical and pharmaceutical products. Factors influencing the formation and preservation of consumer properties of medical and pharmaceutical products. <sup>2</sup>	2
2.	Classification and coding of medical and pharmaceutical products. <sup>1</sup> The concept and methods of classification of goods. Classification coding methods. Classifiers of products and goods. Commodity classification of medical and pharmaceutical products. Characteristics of groups of medical and pharmaceutical products. Trade information media. General requirements, characteristics. Bar coding of medical products. <sup>2</sup>	2
3.	The use value and quality of pharmaceutical and medical products. <sup>1</sup> The relationship of use value with the quality of the goods. The quality of medical and pharmaceutical products and its properties. Quality assurance at the stages of the "life cycle" of medicines and medical products. The role of standards in preserving the use value and quality of goods. Types of regulatory documentation. State system of standardization and certification of medical and pharmaceutical products. <sup>2</sup>	2
4.	Fundamentals of materials science and manufacturing technology from the point of view of the formation of the use value and quality of the goods. <sup>1</sup> Properties of materials, methods of making products from them. Metal, non-metallic, polymer materials, glass. Marking of materials. <sup>2</sup>	2
5.	Factors that preserve the consumer properties and quality of medical and pharmaceutical products. <sup>1</sup> Storage, packaging, labeling and transportation of medicines and medical products. <sup>2</sup> The system of monitoring the movement of medicines in the Russian Federation.	2
6.	Commodity analysis of medical and pharmaceutical products. <sup>1</sup> Features, functions, goals and objectives. Special conditions for the supply of medical products, acceptance of medical and pharmaceutical products. Basic rules, procedures and algorithms for conducting commodity analysis of medical and pharmaceutical products. <sup>2</sup>	2
7.	Modern pharmaceutical market: characteristics, trends, prospects. <sup>1</sup> Import substitution of medicines in the Russian Federation. <sup>1</sup> Medical and pharmaceutical products, their classification and assortment. <sup>2</sup>	2
<b>Total</b>		<b>14</b>

<sup>1</sup>-Subject

<sup>2</sup> - essential content

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Head of the Department,

Doctor of Pharmacy



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