

**The name of the academic discipline:**  
**“Situational Analysis and Modeling of Management Decisions”**

<b>Specialty code and name</b>	1- 26 03 01 Information Resource Management
<b>Year of study</b>	3, 4
<b>Semester of study</b>	6, 7
<b>Number of in-class academic hours:</b>	142
<b>Lectures</b>	72
<b>Seminar classes</b>	-
<b>Practical classes</b>	-
<b>Laboratory classes</b>	70
<b>Form of the current assessment (<i>credit/ graded credit /exam</i>)</b>	credit / exam
<b>Number of credit points</b>	6
<b>Competences</b>	Mastering the academic discipline “Situational Analysis and Modeling of Management Decisions” should ensure the formation of special competencies: developing and applying mathematical methods and models of processes and systems to solve problems of economics and management.

**Summary of the academic discipline:**

"Situational Analysis and Modeling of Management Decisions" is a practical-oriented academic discipline, the development of which includes work in the following areas:

- developing skills in organizing the process of modeling problem situations in order to obtain substantiated recommendations for making management decisions;

- studying the specifics and features of the formation of models of problem situations, principles and methods of choosing and/or developing methods for finding optimal management decisions based on mathematical models, as well as software that implements these methods;

- developing skills in using decision-making methods in conditions of certainty, risk, uncertainty and multi-criteria.