

**Academic discipline:
"Decision support systems"**

Code and name of specialty	1-25 01 12 Economic informatics
Training course	3
Semester of training	5
Number of class hours:	52
Lectures	26
Seminar classes	-
Practical exercises	-
Laboratory classes	26
Form of intermediate assessment (credit/differential credit/exam)	exam
Number of credits	3
Competencies to be formed	To analyze the architecture of information systems for decision support and use standard methods for solving decision-making problems; to know the main stages of the management decision-making process; methods of economic and mathematical modeling and the basics of rational choice in economics; types of risks, methods of their assessment and ways to reduce management decisions; rules and principles of collective decision-making
Summary of the content of the academic discipline:	
The content of the discipline "Decision support systems" includes work in the following areas: basic definitions and concepts of the theory of development and decision-making; information and modeling; problems of mathematical programming in decision-making theory; inventory management models; queuing models; models of intersectoral balance; methods of expert assessments; methods of decision-making under uncertainty.	