

**Academic discipline:
"Economic and mathematical methods and models"**

Code and name of specialty	1-26 02-01 Business Administration
Training course	3
Semester of training	5/6
Number of class hours:	18
Lectures	10
Seminar classes	-
Practical exercises	8
Laboratory classes	-
Form of intermediate assessment (credit/differential credit/exam)	exam
Number of credits	3
Competencies to be formed	To develop and use mathematical models of problematic situations in the process of solving problems of professional activity; to apply the basic methods of quantitative analysis, modeling and optimization of econometric models for solving managerial tasks

Summary of the content of the academic discipline:

The content of the discipline includes work in the following areas: economic indicators, profit formation scheme, the structure of communication between economic and mathematical methods, ways and models for studying, analyzing and forecasting demand, analyzing and forming inventories, linear programming, game theory, graph theory and network planning, queuing theory designed to solve distribution problems resources, planning the sale and purchase of goods, traveling salesman, destination, cargo transportation.