

Specialization: Economics, bachelor's degree, full-time study

B1V7 Operations Research annotation

4 ECTS, 144 academic hours.

Control form: exam.

Abstract: The course sets out the basic concepts of the discipline "Operations Research". Some economic and mathematical models of economic problems are presented. The course contains the basics of linear programming, concepts nonlinear programming and elements of the theory of matrix games.

The purpose of the discipline is to train students in the field of the most important concepts, models and methods of operations research used in economic research.

Objectives of the discipline to prepare students for the application of operations research in meaningful economic analysis, solving specific optimization problems and opening up new opportunities for economics and practice.

Relationship with other disciplines of the specialty: the course "Operations Research" is interconnected with such disciplines of the specialty "Economics" as "Mathematical Analysis", "Linear Algebra", "Probability Theory and Mathematical Statistics".