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

B1.B12 Linear algebra annotation

4 ECTS, 144 academic hours.

Control form: exam.

Summary. The course contains the main sections of the theory of matrices, determinants, systems of linear equations, vectors and linear spaces, as well as elements analytical geometry.

The purpose of the discipline is to create a mathematical basis for courses: "mathematical methods in economics "," economic and mathematical models "," mathematical programming ", "Econometrics", "statistics".

Objectives of the discipline preparation of students in the field of the most important algebraic concepts and methods used in economic research.

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