

4.1. Title: **mathematical methods of measurement of economic risk**
(system analysis)

4.2. Annotation of the academic subject: the training course includes an introduction to the key principles of quantitative and qualitative risk analysis, systematization of the quantitative assessments of the degree of risk and elements of the theory of utility.

4.3. Type: discipline of the free choice of the student (in blocks)

4.4. Term of study: 7th semester

4.5. Number of credits: 1 credit

4.6. Name of the lecturer: assistant professor Makushenko Igor Anatoliiovych

4.7. The purpose of the training course: to give students the basic knowledge on the methods of measurement of economic risk and the skills of application of the knowledge obtained in applied problems. The mastering of economic risk modeling methods is also binding.

4.8. Preliminary requirements: knowledge of the basics of probability theory and mathematical statistics, data analysis and econometrics.

4.9. Training methods: classes are held as the course of lectures.

5.0. Methods of evaluation: is evaluated using module rating system. The results of educational activity are evaluated with 100-point scale. The course ends by test.

5.1. Language of training: Ukrainian.