

4.1. Title: **Estimation Theory for Systems under Uncertainty Conditions**
(system analysis)

4.2. Annotation of educational discipline: educational discipline includes in itself the mastery of the main approaches to solving problems of characteristic estimation of systems under uncertainty conditions.

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

4.4. Term of study: the 7th semester

4.5. Number of credits: 2 credits

4.6. Name of lecturer: Associate Professor Alexander S. Slabospitsky

4.7. The purpose of the educational discipline: the mastery of modern methods of characteristic estimation of different classes of systems under uncertainty conditions, the theoretical principles and basic applications of estimation theory in various fields, preparing to use them in future training courses, promoting the development of logical and analytical thinking of students.

4.8. Previous requirements: normative courses of mathematical analysis, linear algebra, probability theory and mathematical statistics.

4.9. Teaching methods: classes are held in the form of lectures.

5.0. Rating methods: estimated by the module-ratings system. The results of learning activities students are evaluated on a 100-point scale and finish with exam.

5.1. Language of teaching: Ukrainian.