

Course Title	Economic and Statistical Methods for Analyzing Market Conditions
Language	English
Level of Higher Education	Third (PhD)
Semester	4
Course Launch Base	Department of Economic Theory and Economic Management Methods
Course Coordinator, Contact Details	As. Prof. Tetyana Chala e-mail: t.g.chala@karazin.ua
Prerequisites	Economic Theory, Economics, Macroeconomics, Statistics
Objective	The purpose of teaching the academic discipline is to form a system of knowledge and practical skills in economic and statistical analysis and assessment of the general economic and commodity market situation. The main objectives of studying the discipline are: – students' acquisition of thorough knowledge in the analysis of factors shaping the market situation, research of interrelations and interdependencies of market processes; – modeling and forecasting of the economic situation; – developing the ability to use the acquired knowledge in practical activities.
Результати навчання	- PLO02. Deeply understand the basic (fundamental) principles and methods of economic sciences, as well as the methodology of scientific research, create new knowledge in the field of economics in order to achieve economic and social development in the context of globalization. - PLO03. Develop and research fundamental and applied models of socio-economic processes and systems, effectively use them to obtain new knowledge and/or create innovative products in economics and related interdisciplinary areas. - PLO04. Apply modern tools and technologies for searching, processing and analyzing information, in particular, statistical methods for analyzing large data sets and/or complex structures, specialized software and information systems.
Methods of control and assessment	Current and final (semester) control. Current control is carried out in seminar classes during the performance of test tasks, homework, checking the solution of cases; checking the solution of atypical tasks on the use of knowledge in practical situations; independent and control work. Semester final control is carried out in the form of a written exam.
Course content	Topic 1. Market conditions as an object of economic and statistical research. Topic 2. System of indicators of economic and statistical research of market conditions. Topic 3. Market research of demand and supply. Topic 4. Statistical analysis of price indicators of market conditions. Topic 5. Methods of research of general economic and commodity market conditions. Topic 6. Statistical study of consumer market conditions. Topic 7. Fundamentals of the methodology of forecasting the market conditions. Topic 8. Practice of assessment and forecasting of economic conditions in Ukraine.