Syllabus of the educational discipline
«Statistics»

Спеціальність	*075 Marketing*
Освітня програма	*075.010 Marketing*
Освітній рівень	*First (Bachelor) level*
Статус дисципліни	*Mandatory*
Мова викладання, навчання та оцінювання	*English*
Курс / семестр	*3 rd year, 5th semester*
Кількість кредитів ЄКТС	*5*
Розподіл годин за формами освітнього процесу та видами навчальних занять	*Lectures – 24 hours.* *Laboratory classes – 24 hours.* *Independent training – 102 hours.*
Форма семестрового контролю	*Exam*
Кафедра	*Statistics and Economic Forecasting, 406 (1), Tel. +38 (057) 702-18-32, website of the department: https://statistics.hneu.edu.ua/*
Викладач (-і)	*Sierova Iryna, PhD of Economics, Associate professor of Statistics and Economic Forecasting Department*
Контактна інформація викладача (-ів)	*Sierova I.:irina.cevaro@gmail.com*
Дні навчальних занять	*Lectures: according to the current class schedule* *Laboratory classes: according to the current class schedule*
Консультації	*At the Department of Statistics and Economic Forecasting, face-to-face, according to the consultation schedule, individually and chat on the PNS*

The purpose of the discipline is
to improve theoretical knowledge and applied skills by means of statistical observations, statistical analysis methods and forecasting of social and economic phenomena and processes.

Structural and logical scheme

Prerequisites for learning	Post-requisites for learning
higher mathematics	All educational disciplines of the general and professional cycle of training
economic theory	Writing a comprehensive training and thesis
probability theory and mathematical statistics	
microeconomics	
macroeconomics	
computer sciences	

Content of the educational discipline
Content module 1. **Introduction to statistics**
Theme 1. Methodological principles of statistics
Theme 2. Statistical observation
Theme 3. Presentation of statistical data: tables, graphs and maps
Theme 4. Statistical data summarization and grouping
Content module 2. **Statistical indicators and distribution series**
Theme 5. Statistical indicators
Theme 6. Analysis of distribution series
Theme 7. Sampling and sampling distributions
Theme 8. Analysis of the concentration, differentiation
and similarly of distributions
Content module 3. **Methods for analysis of interrelations of phenomena and processes**
Theme 9. Statistical methods for measuring interrelations
Theme 10. Analysis of the intensity of dynamics
Theme 11. Analysis of development trends and fluctuations
Theme 12. Index method

Material and technical support (software) of the discipline

Microsoft Office *(Word, Excel, PowerPoint, ZOOM).*

Assessment system of learning outcomes

Assessment of students` formed competencies is carried out on a cumulative 100-point system. Control includes: current control, which is carried out during the semester at lectures and laboratory classes, (written test, homework (situational task) and is assessed by the sum of points (maximum - 60 points; minimum amount that allows students to take an exam - 35 points); final / semester control, which is conducted in the form of a semester exam, according to the schedule of the educational process

More detailed information on assessment is given in the technological card of the discipline.

Discipline policies

The policy of the discipline is built taking into account the current legislation of Ukraine and regulations of the University. Teaching of the discipline is based on the principles of academic integrity, which is defined by the Code of Academic Integrity of the Simon Kuznets Kharkiv National University of Economics

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the Syllabus (working plan) of the educational discipline (link).