Syllabus of the educational discipline
«Statistics»

Specialty	*073 Management*
Educational program	*Logistics*
Level of education	*The first (Bachelor) level of higher education*
Discipline status	*Mandatory*
Teaching language	*English*
Course / semester	*2nd year, 3th semester*
Number of credits ECTS	*5*
Distribution by types of trainings and hours of study	*Lectures – 24 hours.*
	Laboratory classes – 24 hours.
	Independent training – 102 hours.
Form of final assessment	*Exam*
Department	*Statistics and Economic Forecasting, 61166, Kharkiv, Nauki Ave., 9a, KhNEU. S. Kuznets, Tel. +38 (057) 702-18-32, website of the department: https://statistics.hneu.edu.ua/*
Teacher (-s)	*Sierova Iryna, PhD of Economics, Associate professor of Statistics and Economic Forecasting Department* Derykhovska *Victoriia, PhD of Economics, Associate professor of Statistics and Economic Forecasting Department*
Teacher's contacts	*irina.cevaro@gmail.com* *derykhovskayav@ gmail.com*
Days of the classes	*According to the schedule for the 2nd semester of 2021-2022 academic year.*
Consultations	*According to the schedule of consultations for the 2nd semester of 2021-2022 academic year.*

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.

Prerequisites for learning

List of previously listened disciplines: higher mathematics, economic theory, probability theory and mathematical statistics, microeconomics, macroeconomics, computer sciences.

Knowledge, skills, abilities an applicant must have to start studying the discipline: basics of economic theory, micro- and macroeconomics, be able to apply mathematical tools and have the skills to work in Microsoft Office *(Word, Excel, PowerPoint).*

Content of the educational discipline

Content module 1. **Methods of descriptive statistics**
Theme 1. Methodological principles of statistics
Theme 2. Statistical observation
Theme 3. Summarization and grouping of statistical data
Theme 4. Generalizing statistical indicators
Theme 5. Analysis of distribution series
Content module 2. **Methods of inferentional statistics**
Theme 6. Sampling and sampling distributions
Theme 7. Time series analysis.
Theme 8. Index method

Material and technical support (software) of the discipline
Microsoft Office *(Word, Excel, PowerPoint).*

Course page on the Moodle platform (personal training system)	*https://pns.hneu.edu.ua/*

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

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 (maximum amount - 40 points, minimum amount that allows a student to pass an exam - 25 points).

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

Accumulation of rating points in the discipline *(example)*

Types of training	Max points
Lectures	24
Laboratory classes	12
Home work	6
Written Test	8
Modular Test	10
Exam (if available)	40
Max points	**100**

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 https://www.hneu.edu.ua/akademichna-dobrochesnist/

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

Syllabus approved at the meeting of the Department of Statistics and Economic Forecasting.
Minutes № 13 dated on 22 June 2021