



Syllabus of the educational discipline «Statistics»

Specialty	073 Management
Educational program	Logistics
Level of education	First (Bachelor) level
Discipline status	Compulsory
Teaching language	English
Course / semester	2 nd year, 3 th 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 (<i>Word, Excel, PowerPoint</i>).	
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 inferential 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 (<i>Word, Excel, PowerPoint</i>).	
Course page on the Moodle platform (personal training system)	https://pns.hneu.edu.ua/course/view.php?id=1732
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 (link). <https://pns.hneu.edu.ua/course/view.php?id=1732>

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