Level of higher education Ступінь вищої освіти - **Bachelor**
Specialty 051 "Economics"
Economic Faculty
Education programme "Economic of Enterprise"
Year of sudy ___1-2_____, семестр _____2,3_____
Form of education _____full-time_____(full-time, extramural)
Number of credits ECTS___6_____
Language of study_____english_____(Ukrainian, English, German)

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Page of the cource in the eLearn   https://elearn.nubip.edu.ua/course/view.php?id=1722

Discription of the discipline

Today Ukraine has a vector of association to the European world space and the creation of a European higher education. Educational activities of each institution of higher education should be aimed at training professionals that could quickly adapt to real conditions and put into practice the theoretical knowledge's acquired during the training.

In the system of economic education statistics is as a place of study subjects due to its role in the research and practice community.

Statistics as social science studies the quantitative aspect of mass public phenomenon's in close connection with their qualitative side, investigates the quantitative expression patterns of social development in specific circumstances of time and place.

Studied the subject "Statistics" will allow students of economic specialties to learn the basic techniques and methods of evaluation of mass social-economical phenomena's and processes taking place in the society and in Ukraine in particular, to explore domestic and international experience in the implementation of statistical surveys.

Structure of the course

Theme	Hours (lectures/labs, practical classes, seminars)	Results of Education	Tasks	Evaluation
2 semester				
Modul 1				
Theme 1. Methodological Principles of Statistics	2/1	To know object of Statistics, its main category. Statistical methodology. To be able doing statistical observation as method of information providing. Program-methodology questions of statistical observation. Organize questions of statistical observation. Forms, kinds and methods of observation. To know the essence of statistical bunching, classification and grouping. Principles of forming groups. Statistical tables. Essence and kind of statistical indexes. Absolute statistical value. Relative values. Average indexes. System of statistical indexes.	Delivery of laboratory or practical work. Writing tests, essays. Doing independent work (including in elearn system) Problem solving, etc.	Execution and delivery of practical works - credited. Module: descriptive part 100; test part 30 * 0.1; Independent work - according to the evaluation journal in eLearn
Theme 2. Statistical observation	3/2			
Theme 3. Compilation and grouping (bunching) of statistical data. Statistical tables	4/4			
Theme 4. Analysis of the forms of statistical series distribution and their graphical representation	4/4			
Theme 5. Generalizing statistical indicators	4/4			
Theme 6. Analysis of variation	4/4			
Theme 7. Forms of statistical distribution	4/4			
Module 2				
Theme 8. Statistical methods for measuring correlation	2/2	To know kinds of interconnections. Regression analysis. Value of tightness and verification of the essence of correlation connection. Rang correlation. To know Characteristics of main tendency of	Delivery of laboratory or practical work. Writing tests, essays. Doing independent work (including in elearn	Execution and delivery of practical works - credited. Module:
Theme 9. Statistical methods for measuring correlation	6/6			
Theme 10. Time series and their analysis	4/4			

Theme 11. Analysis of trends and fluctuations	2/2	development. Value of fluctuation and dynamic constancy. To be able doing correlation of dynamic row.	system) Problem solving, etc.	descriptive part 100;
Theme 12. Statistical tables and graphs	2/2	To know essence and functions of indexes. Methodological bases of bunching indexes structure. Aggregate form of indexes and average weighted indexes. Interconnection of indexes. Average indexes. To know role and meaning of graphical method. Main elements of graphics. Rules of structure of statistical graphs. Kinds of statistical graphs.		test part 30 * 0.1; Independent work - according to the evaluation journal in eLearn
Total for the Semester 2				**70**
Test				**30**
Semester 3				
Module 3				
Theme 13. Subject and method of agricultural statistics	2/2	To know object, tasks and system of statistics for animal husbandry. Statistics of quantity and structure of agrarian animals. Indexes of movement and reproduction of animals. Natural indexes of livestock production. Modern organize of statistical observation of livestock in Ukraine. Main directions and methods of economic-statistical analysis about pattern and development of animal husbandry. To know indexes of statistics of fixed assets. Statistics of production and energetic equipment. Statistics of productivity and remuneration. Statistics of agricultural production efficiency.	Delivery of laboratory or practical work. Writing tests, essays. Doing independent work (including in elearn system) Problem solving, etc.	Execution and delivery of practical works - credited. Module: descriptive part 100; test part 30 * 0.1; Independent work - according to the evaluation journal in eLearn
Theme 14. Index Analysis	4/4			
Theme 15. Crop statistics	2/2			
Theme 16. Livestock statistics	2/2			
Theme 17. Statistics of production resources and efficiency of agricultural production	6/6			
Module 4				
Theme 18. Statistics of agricultural products	4/4	To know subject and task of agricultural	Delivery of laboratory or	Execution and

Theme 19. Statistics of market goods and services	4/4	products. Gross product, its composition and methods of determining. Estimation of gross output. Indicators of income and profitability	practical work. Writing tests, essays. Doing independent work (including in elearn system) Problem solving, etc.	delivery of practical works - credited. Module: descriptive part 100; test part 30 * 0.1; Independent work - according to the evaluation journal in eLearn
Theme 20. Finance statistics	4/4			
Theme 21. Price and inflation statistics	2/4	To study the essence and types of prices. Indicators of the level and structure of prices. Indicators of price dynamics and inflation. To know subject of market statistics and services. Basic concepts and classifications. Statistics of commodity flows. Statistical monitoring of commodity market conjuncture To learn ad know the state budget statistics. Money circulation statistics. Statistics of investment activity. Statistics of credit activity. Statistics of insurance activity.		
Theme 22. Statistics of investments and securities	4/4			
Total for the Semester 3				**70**
Exam				**30**
Total for the Course				**100**

POLICY OF EVALUATION

Deadline and recompilation policy:	Works that are submitted after deadlines without good reason are evaluated at a lower grade. Rearrangement of modules takes place with the permission of the lecturer if there are good reasons (for example, hospital).
Academic integrity policy:	Write-offs during tests and exams are prohibited (including the use of mobile devices). Course papers, abstracts must have correct text references to the literature used
Policy about attendance	Attendance is mandatory. For objective reasons (for example, illness, international internship) training can take place individually (in online form in consultation with the dean of the faculty)

GRADING SCALE OF STUDENTS

Rating of the applicant of higher education, points	The assessment on national scale for the results of examinations and tests	
	exams	**tests**
90-100	excellent	accepted
74-89	good	
60-73	satisfactorily	
0-59	not satisfactorily	not accepted