



Survey Sampling at Kyiv National Economic University

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KNEU: general information and brief historical overview

History in Names

1906: Kyiv Graduate Commercial Courses

1908: Kyiv Commercial Institute

1920: Kyiv National Economy Institute

1930: Kyiv Exchange and Distribution Institute,
Kyiv Finance and Economics Institute

1934: Kharkiv Finance and Economics Institute

1944: Kyiv Finance and Economics Institute

1960: Kyiv National Economy Institute
(named after D.S. Korotchenko in 1969)

1992: Kyiv State Economics University

1997: Kyiv National Economics University
(named after Vadym Hetman since 2005)

. Now Vadym Hetman Kyiv National Economics University consists of nine Faculties: Economics and Management, International Economy and Management, Law, Human Resources Management and Marketing, Accounting and Economics, Agroindustrial Sector Economics, Finance and Economics, Credit and Economics, Information Systems and Technologies. The University also includes the Post-graduate Education Centre, the Master Training Centre, the Pre-university Training Department, the Instruction Centre, the Instruction Methodology Unit, the post-graduate and doctoral schools, Kryvyi Rih and Crimean Institutes of Economics, target-oriented lyceums and colleges, library and computer centers, a museum, a publishing office, etc. There are more than 36,000 students. They are taught by 8 academicians and corresponding members of the National Academy of Sciences of Ukraine and sectoral academies, more than 127 professors and doctors of science and 507 candidates of science and associate professors.

Short program of the first part of the course:

- . *Goals and applications of survey sampling in economic research, main concepts and definition*
- . *Simple random sampling with and without replacement*
- . *Estimators of total, mean, proportion in the population*
- . *Confidence intervals and sample size*
- . *Systematic sampling*
- . *Stratified sampling*
- . *Ratio and regression estimators*
- . *Single-stage and multistage cluster sampling*
- . *Errors in surveys, their sources and methods of reduction.*

Second part of the course consists of testing of parametric and nonparametric hypotheses.

Course of Survey Sampling at the Economic University

Recently special course named “Survey Sampling and Hypothesis Testing in Economics” was created by teachers of the higher mathematics department. Students of the first year of training have to choose some part of special courses for learning during the second year. Now created course is one of them. Next academic year this course will be carried out for the first time.

This course has been developed for all specialities except Law speciality and it contains of 5 ECTS Credits. It will be divided in two parts – “Survey Sampling” (with 28 hours of lectures and 24 hours of practical lessons) and “Testing of Statistical Hypothesis” (with 26 hours of lectures and 24 hours of practical lessons).