

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Faculty of Management	
Course ID: FM.KEF/116AB/16	Course title: Statistics
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course:	
Number of credits: 5	
Recommended semester:	
Educational level:	
Prerequisites:	
Course requirements: During the semester, the student can receive max. 50 points. 50 points can be obtained for 2 midterms (20 points each, 40 points in total) and 10 points for the active participation in classes. The exam is worth 60 points. Each student can take 1 regular and 1 remedial term if after the regular term he gets less than 60 points for the interim assessment and exam. The consequence of an unexcused missed class and failure to be prepared for class is the loss of 2 points. Scale of assessment (preliminary/final): 50/50	
Learning outcomes: Students will learn to do with the basic methods of descriptive statistics, probability theory and an introduction to inferential statistics methods.	
Class syllabus: 1. Introduction into Descriptive Statistics. Frequency Table, Frequency Distribution, Basic statistical measures. 2. Introduction to probability theory. Bayes rules. Random variable. Discrete random variables. Discrete probability distributions. Continuous probability distributions Normal probability distribution. Approximating a Binomial Distribution by a Normal Distribution. 3. Introduction into inferential statistics. Sampling Methods and the Central Limit Theorem. Confidence interval estimation. One Sample Test of Hypothesis. Two Sample Tests of Hypothesis	
Recommended literature: [1] ANDERSON, D. R. – SWEENEY, D. J. – WILLIAMS, T. A. – CAMM, J. D. – COCHRAN, J. J. 2011. Statistics for Business and Economics. Cengage Learning, 2011. ISBN 978-11-332-7453-7 [2] FREEMAN, J. – SHOESMITH, E. 2010. Statistics for Bussiness and Economics. Cengage Learning, 2010. ISBN 978-14-080-1810-1 [3] MCCLAVE J. T. – BENSON, P. G. – SINCICH, T. 2009. Statistics for Business and Economics. 9th Edition. Prentice-Hall, 2009. http://wps.prenhall.com/esm_mcclave_statsbe_9/ .	

[4] WONNACOT, T. H. – WONNACOT, R. J. 1990. Introductory Statistics for Business and Economics. New Jersey : John Wiley and Sons, 1990. ISBN 04-716-1517-X [5] Douglas A., L., Marchal, W. G., Wathen, S.A. Basic Statistics for Business & Economics. McGraw Hill International Edition. 2008 alebo neskoršie vydanie [6] Bohdalová, M. Online study materials available on https://moodle.uniba.sk subject 2025/2026 Statistics ENP +ERA (https://moodle.uniba.sk/course/view.php?id=2418)

Languages necessary to complete the course:

English

Ethics:

The syllabus lists knowledge, skills, competences and transferable skills that the students will acquire by successfully completing the course. These will impact on their personal development and can be used both in their future careers and in their lives as active citizens in democratic societies.

Following the provisions of Internal Regulation of the Comenius University Bratislava - Internal system of ensuring the quality of higher education of the Comenius University Bratislava, *each student consistently achieves his/her study results honestly during his/her studies; does not cheat or use dishonest procedures during any form of verification of his study knowledge and knowledge.* Cases of violation of this provision can be assessed as a violation of obligations arising from legal regulations (...). Such an assessment may be associated with applying relevant legal consequences on an academic, (...) or disciplinary level.

Following the provisions of Internal Regulation of the Comenius University Bratislava - Disciplinary regulations of the Comenius University Bratislava for students, *a student's disciplinary offence is any form of writing off or illegal cooperation or hinting during the written or oral evaluation of study results (knowledge verification) or during preparation for it within the course, or the use of technical devices or any information carriers in a way other than permitted during the written or oral evaluation of study results (knowledge verification) or during preparation for it within the subject.* Some of the disciplinary measures may be imposed on the student for a committed disciplinary offence: reprimand, conditional expulsion from studies or expulsion from studies.

Notes:

Past grade distribution

Total number of evaluated students: 402

Hodnotenie predmetu sa zobrazí až v prípade zaradenia predmetu do nejakého študijného plánu.

Lecturers: doc. RNDr. Mária Bohdalová, PhD., Mgr. Liubov Hodovanska, Ing. Tengizi Mtchedlidze

Last change: 13.04.2026

Approved by: