

Name of university, Name of faculty: Trnava University
Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: SPB26	Name: Descriptive statistic		
Cover: Department of Social Work			
Type of educational activity: Seminar Scope of educational activity (in hours): Weekly: 2 For term of study: LS 60 Method of educational activity:		Number of credits: 5	Recommended semester: ST
			Study grade: Bachelor
Recommended semester	Study programme		
2.year ST	Social Work (D1-SP-22) Social Work (D1-SP-22-K)		
Underlie subjects:			
Conditions for passing the course: Method of evaluation: Completion by taking an examination Continuous evaluation: Final evaluation: The final evaluation of the course consists of a final written knowledge test, for which the student will be able to be awarded 100 points. At least 95% must be obtained to obtain an A rating, at least 89% must be obtained to obtain a B rating, at least 83% must be obtained to obtain a C rating, at least 77% must be obtained to obtain a D rating, at least 71% must be obtained to obtain a E rating. Finished: The course will end with an exam.			
Learning outcomes: After completing the course, the student should know: - Work with basic statistical quantities and understand their application in research and analysis - Read individual quantities in the context of a research problem - Carry out frequency analysis and interpret its results - Understand the difference between basic figures and statistically significant differences or relationships - Adequately describe the results of existing analyzes and understand them in relation to the research problem - Understand the results of the analysis in the context of theoretical background - Have an overview of the current possibilities of information technology for data processing - Process and present the results of various types of analyzes through the creation of adequate visual content - Use multimedia, compare basic study results and present them at an appropriate level			
Schedule of subject: Introduction to statistics Information transformation The concept of validity and reliability Measures of position and variability Mode, median, arithmetic mean, standard deviation Frequency analysis and statistical significance Even and uneven distribution of data Interpretation of statistical results Statistical tests and their significance for in-depth analysis Use of information technology in data processing Creation of analytical infographics and visual presentation of results			
Recommended reading: LICHNER, V. 2020. Základy štatistiky v sociálnych vedách I. Teoretické východiská a deskriptívna analýza. ŠafárikPress, Košice, ISBN 978-80-8152-9252, 83s. CSAMPAI, O., 2013. Elementárnum kvantitatívneho výskumu. Trnava, Oliva, ISBN 978-80-89332-15-1, 145s. PAVELEK L., DOBŘÍKOVÁ, P., 2013: Vedecký výskum v sociálnej práci, Trnavská univerzita v Trnave, Trnava, ISBN 978-80-8082-593-5, 141s. RADKOVÁ, L., PAVELEK, L. 2013. Štatistika a demografia. Trnava: Trnavská univerzita, ISBN 978-80-8082-658-1 (online). GAVORA P. a kol., 2010. Elektronická učebnica pedagogického výskumu, Univerzita Komenského, Bratislava (online).			
Language requirements: Slovak, English			
Notes: Conditions-Attendance DAILY students: - Pursuant to Article 4, paragraph 7 of the Study Regulations: "The student's participation in the teaching of the subject is determined by the teacher of the given subject. In justified cases, the dean may, at the student's request, decide on the student's optional participation in classes. The dean will assess the reasons for justifying the student's participation in full-time education (health, cultural, sports) and determine the possibility of relief from full-time education." - Teaching will take place for full-time students only in a face-to-face format at the faculty.			

- The pedagogue is responsible for ensuring that the attending student confirms his presence by signing the attendance sheet at each lesson.
- A full-time student who will have MORE THAN TWO ABSENCES per semester (it doesn't matter for what reason) must ask the dean of the faculty in writing (not by email) to excuse his absence from classes and attach the relevant document of his third or more numerous absences. According to the study regulations, the dean may or may not agree to it.
- The student reports absence from class to the teacher in advance by e-mail.
- It is not possible to make up for an absent lesson.
- In the case of fulfilling other work duties of the teacher (conference, business trip,...), the teacher will inform the students of this fact in advance and assign the students a work assignment in the range of missed hours.

Conditions-Attendance COMBINED students:

- Pursuant to Article 4, paragraph 7 of the Study Regulations:

"The student's participation in the teaching of the subject is determined by the teacher of the given subject. In justified cases, the dean may, at the student's request, decide on the student's optional participation in classes. The dean will assess the reasons for justifying the student's participation in full-time education (health, cultural, sports) and determine the possibility of relief from full-time education."

- Students will only be taught face-to-face at the faculty.
- The pedagogue is responsible for ensuring that the attending student confirms his presence by signing the attendance sheet at each lesson.

- A combined student who will have MORE THAN 25% ABSENCES of the total number of subject hours per semester (it doesn't matter for what reason) must ask the dean of the faculty in writing (not by email) for an excuse for his/her non-participation in classes and attach the relevant document of his/her excessive absence. According to the study regulations, the dean may or may not agree to it.

- The student reports absence from class to the teacher in advance by e-mail.
- It is not possible to make up for an absent lesson.
- In the case of fulfilling other work duties of the teacher (conference, business trip,...), the teacher will inform the students of this fact in advance and assign the students a work assignment in the range of missed hours.

Course evaluation:

Assessed students in total: 63

A	B	C	D	E	FX
25%	14%	17%	16%	10%	17%

Lecturers:

PhDr. Denisa Benedek Jakubcová, PhD., MPH, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2026

Approved by: doc. PhDr. Martina Žáková, PhD.