## COURSE DESCRIPTION CARD

				-		-		chnology				
Field of study	Management							Degree level and programme type	first degree/ second degree			
Specialisation/ diploma path	- St						Study profile	-				
Course name			S	tatisti	cs		Course code	IS-FM-00082S				
							Course type	elective				
Forms and number of	L	С	LC	Ρ	SW	FW	S	Semester	summer			
hours of educational activities		30						No. of ECTS credits	6			
Entry requirements												
Course objectives	Student learns the basic measures of describing a statistical community. Student calculates and interprets statistical measures, is able to draw conclusions and present research results, is able to use computer tools for statistical data analysis.											
Course content	Descriptive Statistics: Definition of statistics. Population and sample. Tapes of variables. Graphic and tabular presentation of qualitative data. Measures of Location. Measures of Dispersion. Measures of Asymmetry. Correlations and Simple Linear Regression. Simple Linear Regression. Model parameters. The method of last squares. The least squares estimators. Measures of quality estimation.											
Teaching methods	problem tasks solved in small groups and individually, project method											
Assessment method	Project task, knowledge test											
Symbol of learning outcome	Learning outcomes Learning outcomes for the field of study											
								understands	-			
L01					in the f			abase on and its	•			
LO2		pretati		62 01	อเฉเเอโ		sunpui	un anu ito	-			
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LO3	apply and calculate the relevant statistics in the study of the structure of economic phenomena and interpret the obtained results							-				
LO4	select, apply and interpret the indicators of the analysis of the dynamics of phenomena					-						

LO5	choose and use the methods of mathematical statistics for - statistical inference						
LO6	assess the nature and strength of the relationship between the studied variables	•					
Symbol of learning outcome	learning Methods of assessing the learning outcomes						
L01	Individual work during classes, project report	asse (					
L02	Individual work during classes, project report	(					
L03	Individual work during classes, project report		<u> </u>				
LO4	Individual work during classes, project report	(					
LO5	Individual work during classes, project report	(					
LO6	Individual work during classes, project report	(					
	No. of hours						
	Participation in classes	30					
Calculation	Participation in consultations	10					
	Preparation to the knowledge test	20					
	Preparing for classes	45					
	Preparing a project task	45					
	TOTAL:	150					
	Quantitative indicators	HOURS	No. of ECTS credits				
Student worklo	40	1,6					
	Student workload – practical activities						
Basic references	<ol> <li>Mann, Prem S. (1995). Introductory Statistics (2nd ed.).</li> <li>Trochim, William M. K. (2006). "Descriptive statistics". R Knowledge Base. Retrieved 14 March 2011.</li> <li>Ott, Lyman and Michael Longnecker (2016)). An Introdu Methods &amp; Data Analysis. 7th ed., Cengage Learning,</li> <li>Mendenhall, William, et al. (2013). Introduction to Proba 14th ed., Cengage Learning,</li> </ol>	esearch Me ction to Stat bility and Sta	istical atistics.				
	<ol> <li>"Drawing Conclusions From Data: Descriptive Statistics, Inferential Statistics, and Hypothesis Testing", Interpreting and Using Statistics in Psychological Research, 2455 Teller Road, Thousand Oaks California 91320: SAGE Publications, Inc, pp. 145–183, 2017,</li> <li>Babbie, Earl R. (2009). The Practice of Social Research (12th ed.). Wadsworth. pp. 436–440</li> </ol>						
Supplementary references	<ul> <li>Research, 2455 Teller Road, Thousand Oaks California Publications, Inc, pp. 145–183, 2017,</li> <li>Babbie, Earl R. (2009). The Practice of Social Research</li> </ul>	91320: SAC	0				
	<ul> <li>Research, 2455 Teller Road, Thousand Oaks California Publications, Inc, pp. 145–183, 2017,</li> <li>Babbie, Earl R. (2009). The Practice of Social Research</li> </ul>	91320: SAC (12th ed.).	SE suing the				

L – lecture, C – classes, LC – laboratory classes, P – project, SW – specialization workshop, FW - field work, S – seminar