SYLLABUS

Teacher					
Course	Diploma seminar				
Module	Compulsory course	ECTS	3	Course code	23SM.P.L.C.6

Major	Speciality	Academic year
LOGISTICS	Industrial systems engineering	2023/2024
Semester	IV	Year of studies: II

Type of studies	Full-time				Extramural			
Type of classes	Lecture	Exercise	Laboratories	Project	Lecture	Exercise	Laboratories	Project
Amount of hours			16					
TOTAL	16							

Course objectives	Defining the purpose of the thesis. Formulation of the research problem and characterization of the research process based on the research methodology. Performing a simple problem analysis. Directional knowledge to present in a comprehensible and convincing way the results of the Research analysis making the legal requirements related to intellectual property. Accepting the substantive and methodological suggestions of the promoter

Minimum knowledge required from the student before the classes begin

Undergraduate statistics and research methods courses are recommended, computer literacy (skills and experience with the internet, word, and excel) required as well as a basic knowledge on intellectual property rights. English proficiency is required as well as completion of the proseminar.

Recommended literature to study before the classes begin

REGULATIONS ON GRADUATING, PREPARING, SUBMITTING AND CONTROLLING OF DIPLOMA THESES AND THE PROCESSOF THE DIPLOMA EXAMINATION

LEARNING OUTCOMES			KEK	METHODS OF ASSESSMENT	
KNOWLEDGE	K01	Knows a variety of research techniques relevant to his specialisation that allow him to analyse the processes and transitions that are taking place in his field of study	K2_W12_L_P	EM15	Evaluation of activity in the classroom
	K02	Referring to the theoretical concepts of research learned during the proseminar, a student knows how to analyse the phenomena currently taking place in the logistics and transport field.	K2_W10_L_P	EM15	Evaluation of activity in the classroom
	K03	Knows and understands the major principles of intellectual property and copyright protection	K2_W09_L_P	EM8	Test with open questions
SKILLS	S01	Is able to use scientific terminology and to create presentations in the field of his specialization.	K2_U02_L_P	EM15	Evaluation of activity during the class
	S02	Is able to use a variety of sources and techniques of collecting and selecting of data appropriate to his or her field of study.	K2_U05_L_P	EM15	Evaluation of activity during the class
	S03	Is able to conduct his own analysis of phenomena and processes taking place in the area of his study on the basis of appropriate research tools and prepare an independent work or research project in this field.	K2_U06_L_P	EM915	Evaluation of activity during the class

SOCIAL COMPETENCE	**SC01**	Demonstrates openness to new ideas, seeking atypical solutions to problems and analysis methods.	**K2_K01_L_P**	**EM15**	Evaluation of activity during the class
	SC02	Can develop and improve acquired knowledge and skills	**K2_K04_L_P**	**EM15**	Evaluation of activity during the class

Course contents	Lecture	
	Exercises	
	Laboratories	Introduction to the content of the course and MSc procedures. Thesis structure and requirements. Choosing the topic. Developing a research question. How to search for the sources. Reference and bibliographic software. Research methodology. References and bibliography. Individual topics consultation. Individual topics evaluation. Students presentations evaluation.
	Projects	

Teaching methods	**TM11**	**Didactic discussion**
	TM8	**Project method**
	TM9	**Source research method**

Obligatory literature	1	Saunders M., Lewis P., Thornhill A., Research Methods for Business Students, Pearson, 2019
	2	Creswell J.W., Creswell J.D., Research Design: Qualitative, Quantitative, and Mixed Methods Approaches, Sage Publications, 2018
	3	Bell E., Bryman A., Harley B., Business Research Methods, Oxford University Press, 2019

	1	Kothari C.R., Garg G., Research Methodology: Methods and Techniques, New Age International, 2019
	2	Hart C., Doing a Literature Review: Releasing the Research Imagination, Sage Publications, 2018
	3	Walliman N., Research Methods: The Basics, Routledge, 2018

Requirements to pass the course
In-class activity, participation in the discussion, preparing and delivering the presentation of assumptions and the structure of the master diploma thesis. Final grade: Zo = 0,5 K + 0,4 S + 0,1 Cs K (knowledge) – assessment of the project's meted logical correctness, S (skills) – assessment of the editorial side of the project, Cs (social competences) - assessment of student activity (including attendance at the seminar)