



DESCRIPTION OF THE OBJECT

FIELD OF STUDY	Management
SPECIALISATION	Logistics management
MODE OF STUDY	Full-time studies / Part-time studies
SEMESTER	4

Name of the subject	Transport, forwarding, logistic services
Hourly dimension of particular forms of classes <ul style="list-style-type: none">• lectures• other forms	Full-time studies – 30 Part-time studies – 18
	Full-time studies – 10 Part-time studies – 8
	Full-time studies – 20 Part-time studies – 10

Learning objectives:	<ul style="list-style-type: none">– to acquaint students with the importance of transport and forwarding in logistics to acquaint students with the system of public finance– to explain the role played by transport and forwarding in logistics systems– to develop the ability to evaluate service solutions - in terms of their functionality and economic efficiency.
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Learning outcomes for the subject		Reference of learning outcomes for the programme	The reference to the learning outcomes for the area
Number	Learning outcomes, a student who has successfully completed the course will be able to:		
EK_W01	presents solutions and technologies of various branches of transport and forwarding, methods of transport classification, its tasks and functions in logistics	K_W05	P6S_WG
EK_W02	explains the role of transport and forwarding in modern logistics, its impact on the efficiency of logistics tasks in the company	K_W11	P6S_WK
EK_U03	interprets the advantages and disadvantages of the different modes of transport, their basic functionalities and places of application	K_U04	P6S_UW
EK_U04	evaluates the effectiveness and efficiency of specific branches in carrying out transport tasks	K_U08	P6S_UW
EK_K05	solves problems by working in a group, expresses judgments by participating in discussions	K_K04	P6S_KO

Content number	Educational/ curricular content	Reference to learning outcomes for the subject
	Lectures	

T_01	The essence of fluctuations and business cycles, their causes and effects. Morphological features of the business cycle. Types of business cycles Concepts of measuring cyclicity.	K_W01 K_W02
T_02	Usefulness and practical utility of market and economy-wide economic survey. Selection and preparation of data for diagnosing and forecasting economic fluctuations	K_W01 K_W02
T_03	Classification of business cycle survey methods. Properties, purpose and usefulness of basic methods	K_W01 K_W02
T_04	The business cycle test method - principles for constructing a test questionnaire, sample selection, systematicity, frequency and organisation of surveys	K_W01 K_W02
T_05	Method of economic activity test - ways of processing empirical data, principles and ways of presentation, analysis and interpretation of the results of economic activity test	K_W01 K_W02
T_06	Application of the business cycle test method in studies of market, consumer and general economic situation in Poland. Research using the business cycle test method conducted by the Central Statistical Office - scope and methodology.	K_W01 K_W02
T_07	The method of barometers of the economic situation - principles of selection of components, types of barometers, use in studying the economic situation. Examples of barometer construction for the financial services market	K_W01 K_W02
	Exercises	
T_08	Construction of a business climate test questionnaire for diagnosing and forecasting the business climate on a specific market - work in teams	K_U03 K_U04 K_K05
T_09	Verification of empirical material, weighting and basic processing of business cycle test data	K_U03 K_U04 K_K05
T_10	Tabular and graphical presentation of basic results from business climate test surveys. Construction and calculation of composite business cycle indicators	K_U03 K_U04 K_K05
T_11	Analysis and interpretation of business cycle test results - weighted response structure, business cycle balances, business climate indicators, synthetic business cycle indicators	K_U03 K_U04 K_K05

Methods and forms of teaching	Educational and curricular content
Lecture with multimedia presentation of selected issues	
Conversation lecture	T_01 – T_07
Problem-based lecture	
Informative lecture	
Discussion	T_11
Working with text	
Case study method	T_09 – T_11
Problem-based learning	
Didactic/simulation game	
Exercise method	T_08 – T_11

Workshop method	
Project method	T_08
Multimedia presentation	
Audio and/or video demonstrations	
Activation methods (e.g. brainstorming, SWOT analysis technique, decision tree technique, „snowball” method, constructing „mind maps”)	
Other (which ones?) - ...	
...	

Evaluation criteria in relation to particular learning outcomes				
Learning outcome	For assessment 2	For assessment 3	For assessment 4	For assessment 5
EK_W01	The student does not present solutions and technologies of various branches of transport and forwarding in logistics.	The student presents fragmentarily solutions and technologies of various branches of transport and forwarding, ways of transport classification, its tasks and functions in logistics.	The student presents solutions and technologies of various branches of transport and forwarding, methods of transport classification, its tasks and functions in logistics.	The student presents in a fully correct manner solutions and technologies of various branches of transport and forwarding, methods of transport classification, its tasks and functions in logistics.
EK_W02	The student explains the role of transport and forwarding, its influence on the efficiency of logistic tasks in an enterprise.	The student does not fully independently explain the role of transport and forwarding, its impact on the efficiency of the implementation of logistic tasks in an enterprise.	The student explains the role of transport and forwarding, its influence on the efficiency of logistic tasks in an enterprise.	The student explains perfectly the role of transport and forwarding, its influence on the efficiency of logistic tasks implementation in an enterprise.
EK_U03	The student does not interpret the advantages and disadvantages of individual modes of transport, their basic functionality and places of application.	The student interprets sufficiently the advantages and disadvantages of the different modes of transport, their basic functionalities and places of application.	The student interprets the advantages and disadvantages of the different modes of transport, their basic functionalities and places of application.	The student interprets very well the advantages and disadvantages of different branches of transport, their basic functionalities and places of application.
EK_U04	The student does not evaluate the effectiveness and efficiency of specific branches in carrying out transport tasks.	The student does not always correctly assess the effectiveness and efficiency of specific branches in the implementation of transport tasks.	The student evaluates the effectiveness and efficiency of specific branches in carrying out transport tasks.	The student always correctly assesses the effectiveness and efficiency of specific branches in the implementation of transport tasks.
EK_K05	The student does not solve problems while working in a group.	The student does not always solve problems while working in a group, rarely expresses judgements while participating in discussions.	The student solves problems working in a group, expresses judgements by participating in discussions.	The student is committed to solving problems while working in a group, expresses judgements by participating in discussions.

Verification of learning outcomes	EK symbols for the module/subject				
	W01	W02	U03	U04	K05

Written examination					
Oral examination					
Written credit	X	X	X	X	X
Oral credit					
Written colloquium					
Oral colloquium					
Test					
Project					
Written work					
Report					
Multimedia presentation					
Work during exercise	X	X	X	X	X
Other (which?) -					

Hourly teaching load and student workload	Full-time studies	Part-time studies
1. Lectures (joint participation of academics and students)	10	8
2. Other forms (joint participation of academic staff and students)	20	10
3. Consultation with the teacher	-	-
Total 1+2+3	30	18
4. Internships (carried out by students on their own)	—	—
5. Student's own work (including homework and project work, preparation for a credit/exam)	20	32
Total 4+5	20	32
SUMMARY 1+2+3+4+5	50	50
Total ECTS credits according to the study plan	2	

Reference literature	<ol style="list-style-type: none"> 1. Z. Kordel, <i>Transport samochodowy w systemach logistycznych</i>, WUG, Gdańsk 2000. 2. W. Rydzkowski, K. Wojewódzka Krol, <i>Transport</i>, Wyd Nauk. PWN, Warszawa 2005. 3. D. Marciniak-Neider, J. Neider: <i>Podręcznik spedytora</i>, PISiL, Gdynia 2002.
Complementary literature	<ol style="list-style-type: none"> 1. <i>portale internetowe poświęcone tematyce transportu,</i> 2. <i>czasopisma branżowe,</i> 3. <i>portale internetowe poświęcone tematyce logistyki.</i>