

Subject card

Subject name and code	Transport Planning and Management, PG_00119509						
Field of study	Economics						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2026/2027		
Education level	undergraduate studies	Subject group			Obligatory subject group in the field of study Optional subject group		
Mode of study	part-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish polish		
Semester of study	6	ECTS credits			2.0		
Learning profile	academic	Assessment form					
Conducting unit	Katedra Rynku Transportowego -> Faculty of Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Krzysztof Grzelec				
	Teachers		dr hab. Krzysztof Grzelec				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	10.0	0.0	0.0	0.0	10
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	10		0.0		0.0	10
Subject objectives	Presentation of the process of transport planning and management. Students' knowledge of the elements that create transport planning. Knowledge of the determinants of transport management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life	The student is aware of the level of his/her knowledge in the area of transport planning and management, understands the need to deepen and update this knowledge throughout life	[SK1] oral statement/conversation/discussion
	[EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently	The student recognizes the importance of knowledge in the field of economics in the process of identifying and solving problems in transport planning and management and seeking expert opinions in case of difficulties with solving them independently	[SK1] oral statement/conversation/discussion
	[EKONL3_K06] is willing to be guided in his professional life by business ethics and corporate social responsibility, to respect others and to be loyal to his employer	The student is ready to be guided in their professional life by business ethics and corporate social responsibility, respect for others and be loyal to the employer	[SK1] oral statement/conversation/discussion
	[EKONL3_K03] participates in the preparation of economic and social projects, being able to reconcile legal, economic, ecological, political and social requirements	The student participates in the preparation of economic and social projects, being able to reconcile legal, economic, ecological, political and social requirements	[SK2] presentation/project/paper/report
	[EKONL3_U04] can predict and forecast the course of economic and social processes and phenomena	The student is able to predict the course of economic and social processes and phenomena and forecast these phenomena in the process of planning and managing transport	[SU2] presentation/project/paper/report
	[EKONL3_W01] has advanced knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology	The student has advanced knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology	[SW1] oral statement/conversation/discussion
	[EKONL3_W05] has advanced knowledge of man as a subject who creates social structures and the principles of their functioning and of his action in these structures, knows well the motives of human economic decision-making	The student has advanced knowledge about man as an entity creating social structures and the principles of their functioning and about his action in these structures, he knows well the motives for making economic decisions by man	[SW1] oral statement/conversation/discussion
	[EKONL3_U07] is able to participate in analyses and evaluations of alternative solutions to economic and social problems and to choose the methods and instruments to resolve them rationally	The student is able to take part in the analysis and evaluation of alternative solutions in transport planning and management and to select methods and instruments that allow for rational resolution of them	[SU1] oral statement/conversation/discussion
	[EKONL3_W03] has advanced knowledge of the relations between economic agents and social organisations operating in the national, international and intercultural arenas	The student has advanced knowledge of the relations between economic entities and social organizations functioning in the national, international and intercultural spheres	[SW1] oral statement/conversation/discussion
	[EKONL3_K05] correctly identifies, diagnoses and resolves professional dilemmas and different options for solutions	The student correctly identifies, diagnoses and resolves dilemmas and various variants of transport planning and management	[SK3] text preparation/written work
	[EKONL3_U02] is able to use the knowledge of theory and data to analyse concrete economic and social processes and phenomena and to analyse these phenomena using methods developed in economics, finance and management sciences	The student is able to use the theoretical knowledge and obtain data for transport planning and management, and to analyze these phenomena using methods developed in economics, finance and management sciences	[SU2] presentation/project/paper/report

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Subject contents	<p>1. Topic: Methodology of transport planning and managementa. Transport organization as a condition for planning and managementb. Planning and management objectivesc. Planning and management strategies2. Topic: National and European transport policy as a determinant of transport planning and managementa. EU transport policyb. Polish transport policyc. Regional and local transport policies3. Topic: Transport market analysis as a basis for planning and managementa. Market research methodsb. Transport market size analysisc. Market share assessment methods4. Topic: Passenger transport behavior as a determinant of planning and managementa. Concept, types and determinants of transport behaviorb. Methodology of transport behavior researchc. Transport behavior management5. Topic: Use of marketing in transport planning and managementa. Marketing research in transportb. Marketing activity planningc. Marketing activity management6. Topic: Financial planning and management in transporta. Sources of transport financingb. European fundsc. Partnership Public-Private7. Topic: Specificity of planning and management of rail transporta. Planning the development of rail transport infrastructureb. Planning and management of rail passenger transportc. Planning and management of rail freight transport8. Topic: Specificity of planning and management of air transporta. Planning the network of air connectionsb. Planning the air fleetc. Management of air transport companies9. Topic: Specificity of planning and management of urban transporta. Complex nature of the offer of urban transport servicesb. Planning the offer of urban transport servicesc. Management of the offer of urban transport services</p>																		
Prerequisites and co-requisites	Basic economic and transportation knowledge.																		
Assessment methods and criteria	<table border="1"> <thead> <tr> <th>Subject passing criteria</th> <th>Passing threshold</th> <th>Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td>Design, written work</td> <td>51.0%</td> <td>60.0%</td> </tr> <tr> <td>Activity in class discussions</td> <td>51.0%</td> <td>40.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	Design, written work	51.0%	60.0%	Activity in class discussions	51.0%	40.0%									
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Recommended reading	<p>Basic literature</p> <p>Michael D. Meyer, Transportation Planning Handbook, Wiley 2016 David Banister, Transport Planning, Spon Press, 2002.</p>																		

	Supplementary literature	D. Tłoczyński, A. Hozzman. P. Zagrajek, Transport lotniczy w warunkach globalnej mobilności, Wyd. UG, Gdańsk 2021K. Grzelec, K. hebel. O. Wyszomirski, Zarządzanie zbiorowym transportem miejskim w warunkach mobilności, Wyd. UG, Gdańsk 2020Współczesna polityka transportowa, W. Rydzkowski (red), PWE, Warszawa 2017Transport. Nowe wyzwania, K. Wojewódzka-Król, E. Załoga (red), WN PWN, Warszawa 2016Richard de Neulville, Airport System (Planning, Design & Management, Mc Graw Hill, 2013Mega Transport Infrastructure Planning. Springer 2015Seller, Thorben, Operative Transportation Planning, Physica Verlag, 2012Transportation System Planning. Methods and Applications, Konstadinos G. Goulias, CRC Press, 2002Hinshaw , Airline Marketing and Management , Taylor & Francis Ltd, 2011Ashish Verma, TV Ramanatta, Public Transport Planning and Management in Developing Countries, 2015Zongzhi Li, Transportation Asset Management. Methodology and ApplicationsTeodor Peric, Andrea Lorkovic, Dalibor Vucic, Management Planning in Transport, "Traffic Plannig Review" 2004, vol. 16, nr 4, p/ 217-223
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Planning of passenger transport service between towns X and Y. Justification (taking into account various conditions: technological, economic, ecological and social) for implementing selected innovations in transport.	
Work placement	Not applicable	

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