University of Gdańsk

Subject card

Subject name and code	Logistics support of regions and cities, PG_00202228						
Field of study	Socio-economic geography with elements of GIS						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
Education level	Master's studies		Subject group	Obligatory subject group in the field of study Subject group related to scientific research in the field of study			
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	3.0			
Learning profile	academic		Assessment form	exam			
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Grażyna Chaberek-Kałużniak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	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	30		7.0	38.0	75	
Subject objectives	Familiarisation with the basic needs for logistical services in cities, in the surroundings of major agglomerations and in rural areas. Familiarisation with the concept and socio-economic functions of cities and regions.To become familiar with the requirements for the realisation of the city's and region's functions (own tasks of communes, districts and voivodeships) depending on the available logistical infrastructure resources.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GSEMU2_U01] formulates and solves complex and unusual problems of socio-economic geography and proposes their innovative solutions, taking into account the unpredictability of spatial processes	Proposes solutions for the logistical handling of residents or businesses in problematic situations in the area in accordance with the latest European and global trends	[SU2] presentation/project/paper/ report [SU5] implementation of a problem task [SU6] demonstration of practical skills
[GSEMU2_K01] is ready to critically assess knowledge and received content in the field of socio-economic geography and Geographic Information Systems	Analyses and evaluates the state of the logistics infrastructure in a given area in terms of its ability to serve residents and businesses in accordance with the latest demands of sustainable development	[SK2] presentation/project/paper/ report [SK5] implementation of a problem task [SK6] demonstration of practical skills
[GSEMU2_U05] formulates and tests hypotheses regarding determinants and factors (natural, social, economic, cultural) of processes occurring in socio-economic space	Explains the influence of social, economic and environmental factors on the logistical service capacity of residents and businesses in a given area, with particular reference to the specificity of these factors in urban areas	[SU2] presentation/project/paper/ report [SU5] implementation of a problem task [SU6] demonstration of practical skills
[GSEMU2_W01] explains in-depth modern socio-economic processes as well as has ordered and theoretically founded knowledge of socio-economic geography in connection with related natural and social scientific disciplines	Explains the relationship between local conditions and economic processes in the area	[SW2] presentation/project/paper/ report [SW5] implementation of a problem task
[GSEMU2_W07] definies basic principles for creating and developing forms of individual entrepreneurship, consistent with the principles of professional ethics, using knowledge of socio-economic geography	Explains the importance of logistics support systems in running forms of business including the importance of logistics in creating and developing individual entrepreneurship	[SW2] presentation/project/paper/ report
[GSEMU2_W05] has in-depth knowledge and understanding of the latest developments in the field of socio-economic geography	Interprets and explains the latest trends and solutions in logistics services for residents and businesses in urban areas and outside agglomerations	[SW2] presentation/project/paper/ report [SW5] implementation of a problem task

Subject contents

A1.Concept and functions of cities and regionsA2.Needs and current conditions for logistical support of cities and regionsA3.Logistics support system of cities and regions and its componentsA4.Solutions and trends in logistical support of cities and regionsExercise topics:B1.Functions of cities and regionsB2.Identification of logistical support system components

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Final draft	51.0%	100.0%

Recommended reading	Basic literature	1. Chaberek-Karwacka G., 2012, Logistyka w regionalnej polityce lokalizacyjnej, Wyd. Uniwersytetu Gdańskiego, Gdańsk2. Chaberek-Karwacka G, 2018, Organizational and infrastructural solutions in creating competitive advantage of sustainable urban transport Gdańsk case study, Miscellanea Geographica Regional Studies on Development, Vol. 22 No. 4 DOI: 10.2478/mgrsd-2018-00293. Chaberek-Karwacka G., Brdulak A. 2018, Kultura organizacyjna start-upów jako narzędzie rozwoju zrównoważonego miast, w: Bujak A., TopolskaK., Kolasińska-Morawska, K. (red.) Logistyka w naukach o zrządzaniu, część 1. Przedsiębiorczość i zarządzanie, XIX (11) cz. 3, Warszawa-Łódź:Wydawnictwo SAN, 325-3374. Chaberek-Karwacka G., Cicharska A., 2013, Wpływ rozwoju infrastruktury logistycznej na zmiany demograficzne otoczenia aglomeracji gdańskiej,[w:] M. Chaberek i L. Reszka (red.) Modelowanie procesów i systemów logistycznych cz. XII, Zeszyty naukowe UG Ekonomika Transportu iLogistyka nr 46, Wyd. UG, Gdańsk, s. 229-242.5. Chaberek-Karwacka G., 2015, Teoretyczne kryteria kształtowania logistyki ostatniej mili i realne możliwości ich wykorzystania na obszarzenajwiększych aglomeracji w Polsce, [w:] J. Witkowski, A. Skowrońska, Ekonomiczne, społeczne i środowiskowe uwarunkowania logistyki. Pracenaukowe Uniwersytetu Ekonomicznego we Wrocławiu nr 383, Wyd. Uniwersytetu Ekonomicznego we Wrocławiu, Wrocław, s. 25-386. Chaberek-Karwacka Grazyna., 2017, The Influence of New Information Technologies in Supply Chains Logistics on Mobility in Urban Areas,Studies of the Industrial Geography Commission of the Polish Geographical Society, Vol. 31., issue 2, pp. 84-94 ISSN 2080-1653. DOI10.24917/20801653.312.67. Chaberek-Karwacka G., 2017, The New Urbanism Approach in City Logistics Planning and Development. Searching for Solutions on theGothenburg and Gdansk Case Studies, Research Journal of the University of Gdansk. Transport Economics and Logistics, 71(2017), pp. 135-147,DOI 10.5604/01.3001.0010.5730
	Supplementary literature	1.Chaberek-Karwacka G. (red.), 2017, Współczesne uwarunkowania procesów zarządzania przestrzenią w Polsce, Wydawnictwo UG, Gdańsk.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Credit project¡The work should be prepared individually ¡Executed entirely in gis software (QGIS or ARCGIS Pro) ¡Delivered as an A4 layout horizontal PDF.The layout should include:¡Title ¡Frame with information: author's name, index number, type, major and year of study ¡Map(s) and description (description of the problem and criteria considered).Topics for credit projects (one to be chosen):¡¡Location of a logistics service point including up to 3 criteria.¡Location of linear logistic infrastructure, including max. 3 criteria¡Proposal of transport enhancement (including max 3 criteria)Evaluation criteria for the credit work: ¡ ¡Timeliness of submission - 2pkt ¡Selection and explanation of criteria 3x 2pkt each = 6pkt ¡General workmanship - maps, completeness of map elements, colouring, aesthetics, legibility, reception of work - 2pkt ¡ ¡A total of 10pkt.	
Work placement	Not applicable	

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