

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Transportation management		Code 1011101421011102816
Field of study Logistics - Full-time studies - First-cycle studies	Profile of study (general academic, practical) (brak)	Year /Semester 1 / 2
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: First-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 30 Classes: 15 Laboratory: - Project/seminars: -		No. of credits 5
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art social sciences Economics		ECTS distribution (number and %) 5 100% 5 100%
Responsible for subject / lecturer: dr Katarzyna Blanke-Ławniczak email: katarzyna.blanke-lawniczak@put.poznan.pl tel. 61 665 33 92 Wydział Inżynierii Zarządzania Poznań, ul. Strzelecka 11		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The student knows the basic concepts of economics and has a general knowledge on the functioning of the economy and management.
2	Skills	The student has the ability to perceive, associate and interpret phenomena in the economy.
3	Social competencies	The student can formulate self-evaluation in the field of socio-economic policy, he argues and defends their opinions.
Assumptions and objectives of the course: An indication of underlying problems in the economy of transport and the ability to optimize selected processes in the field of transport work.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. has a basic knowledge of social sciences and humanities: management, psychology, sociology, philosophy and law - [-(T1A_W02)]		
2. has a basic knowledge of IT (information technology), economics and transportation, production management and services, production systems design (industrial design) - [-(T1A_W02)]		
3. has basic knowledge of relations between the sphere of technical and economic characteristic of the logistics and supply chain management - [-(T1A_W08)]		
Skills:		
1. can be formulated using analytical methods, simulation or experimental falling within the subject being studied design task and to solve the task in logistics and its specific issues (inventory management, logistics, distribution, logistics, manufacturing and sourcing, logistics operation, ekologistyki) and supply chain management - [-(T1A_U09)]		
2. able to assess in economic terms specific problem, housed within the logistics and its specific issues (inventory management, logistics, distribution, logistics, manufacturing and sourcing, logistics operation, ekologistyki) and supply chain management - [-(T1A_U12)]		
3. is able to select the right tools and methods to solve the problem located within the logistics and supply chain management as well as effectively use them - [-(T1A_U15)]		
Social competencies:		

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| 1. is sensitive to the effects of non-technical aspects and engineering activities, including its impact on the environment, and the related responsibility for decisions in the field coming within the logistics and supply chain management - [-(T1A_KO2)] |
| 2. is willing to cooperate and work in groups on solving falling within the subject being studied problems - [-(T1A_KO3)] |
| 3. is willing to cooperate and work in groups on solving falling within the subject being studied problems - [-(T1A_KO3)] |

Assessment methods of study outcomes		
Multiple choice test and a multimedia presentation of the individual.		
Course description		
The course covers the following topics: transport economics in place the system of sciences, the market of transport services, the characteristics of modes of transport, infrastructure and transport suprastructure, prices, tariffs, taxes and fees for transport activities, analysis and evaluation methods of transport processes, areas of operation and location of transport centers , the cost of transport activity.		
Basic bibliography:		
1. Ekonomika transportu. Teoria i praktyka gospodarcza, Aleksandra Koźlak, Wyd. Uniwersytetu Gdańskiego, Gdańsk, 2008		
2. Ekonomika transportu dla potrzeb logistyka. Teoria i praktyka, Adam Szymonik, Diffin,Warszawa, 2013.		
Additional bibliography:		
1. Ekonomika transportu , Ciesielski Marek, Szudrowicz Anna, Wyd. AE, Poznań, 2001		
2. Podstawy zarządzania transportem w przykładach , Dembińska-Cyran Izabela, Gubała Marek, ILiM, Poznań, 2005		
3. Ekonomika i organizacja transportu , , Mendyk Edward, Wyd. Wyższej Szkoły Logistyki, Poznań, 2001		
Result of average student's workload		
Activity	Time (working hours)	
1. wykład	30	
2. ćwiczenia	15	
3. konsultacje	30	
4. egzamin	5	
5. praca własna studenta	30	
Student's workload		
Source of workload	hours	ECTS
Total workload	110	5
Contact hours	75	4
Practical activities	15	1