

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Transportation management		Code 1011101221011172816
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 %) 100 5% 100 5%
Responsible for subject / lecturer: dr Katarzyna Blanke-Ławniczak email: katarzyna.blanke-lawniczak@put.poznan.pl tel. 61 665 33 92 Faculty of Engineering Management Poznań, ul. Strzelecka 11		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The student knows the basic concepts of economics. It has a general knowledge of the functioning of the economy and management.
2	Skills	The student has the ability to perceive, to associate and interpret the phenomena occurring in the economy.
3	Social competencies	Student is able to make independent assessment of the socio-economic policy, argues and defends their opinions.
Assumptions and objectives of the course: -Indication of underlying problems in the economy and the ability to optimize the transport of certain processes in the 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 computer science (information technology), economy and transportation, manufacturing and services, production systems design (industrial design) - [(T1A_W08)]		
3. has a basic knowledge about the relationship between the field of technical and economic characteristics of logistics and supply chain management - [(T1A_W08)]		
Skills:		
1. manufacturing and sourcing, logistics service, ekologiczności) and supply chain management - [(T1A_U09)]		
2. able to assess in economic terms specific problem, which forms part of logistics and its specific issues (inventory management, logistics, distribution, logistics, manufacturing and sourcing, logistics service, ekologiczności) and supply chain management - [(T1A_U12)]		
3. able to select appropriate tools and methods to solve the problem of falling within the logistics and supply chain management as well as how to use them effectively - [(T1A_U15)]		
Social competencies:		

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

Assessment methods of study outcomes		
-Multiple-choice test and individual multimedia presentation.		
Course description		
-The course covers the following topics: space transport economics in the sciences, the market of transport services, the characteristics of transport, infrastructure and transport implant super, prices, tariffs, taxes and charges for transport activities, analysis and evaluation methods of transport processes, areas of operation and location of traffic centers , the cost of transport.		
Basic bibliography:		
1. Ekonomia transportu. Teoria i praktyka gospodarcza, Aleksandra Koźlak, Wyd. Uniwersytetu Gdańskiego, Gdańsk, 2008		
Additional bibliography:		
1. Ekonomia transportu , Ciesielski Marek, Szudrowicz Anna, Wyd. AE, Poznań, 2001		
2. Podstawy zarządzania transportem w przykładach, , Dembińska-Cyran Izabela, Gubała Marek, ILiM, Poznań, 2005		
3. Ekonomia i organizacja transportu , , Mendyk Edward, Wyd. Wyższej Szkoły Logistyki, Poznań, 2001		
Result of average student's workload		
Activity	Time (working hours)	
1. lecture	30	
2. exercise	15	
3. consultations	30	
4. exam	5	
5. student	30	
Student's workload		
Source of workload	hours	ECTS
Total workload	110	5
Contact hours	75	4
Practical activities	15	1