

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma Seminar		Code 1011102331011130723
Field of study Logistics - Full-time studies - Second-cycle	Profile of study (general academic, practical) general academic	Year /Semester 2 / 3
Elective path/specialty Chain of Delivery Logistics	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 30		No. of credits 2
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 2 100% 2 100%
Responsible for subject / lecturer: prof. dr hab. inż. Józef Fraś email: jozef.fras@put.poznan.pl tel. +4861 6653417 Faculty of Engineering Management ul. Strzelecka 11 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	knows the rules for editing scientific texts according to faculty guidelines, knows what rules and uses data and information sources, knows the rules of invoking data or information sources and how to describe drawings, tables
2	Skills	it can search, compile and present information about the problem, present the results, compile the source
3	Social competencies	is aware of the need to explain symbols and professional concepts, cares for good communication and is understandable
Assumptions and objectives of the course: - familiarize with the principles of writing a master's thesis according to the faculty guidelines - preparation for presentation of work during the diploma exam		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. be able to characterize the rulers' relations in a given area and their links with the diploma seminar in logistics (T2A_W01) - [K2A_W02] 2. familiarizes the basic concepts within the diploma seminar on logistics (T2A_W03) - [K2A_W09]		
Skills:		

<p>1. can gather on the basis of the literature of the subject and other sources (in Polish and English) and in an orderly manner present information about the problem within the diploma seminar; It can integrate the acquired information and interpret and evaluate them in a comprehensive way (T2A_U01) - [K2A_U01]</p> <p>2. he can communicate with appropriately selected means in the professional environment and in other environments in the field of study (T2A_U02) - [K2A_U02]</p> <p>3. she can communicate with the appropriate means in the professional environment and in other environments, in the scope of the diploma seminar (T2A_U02) - [K2A_U03]</p> <p>4. she can prepare and present oral presentation in Polish or foreign language about the problem within the studied subject (T2A_U04) - [K2A_U04]</p> <p>5. he can do the process of self-education (T2A_U05) - [K2A_U05]</p> <p>6. has the language skills appropriate for the logistics direction in accordance with the requirements set for level B2 + of the European Language Proficiency Scheme (T2A_U06) - [K2A_U06]</p> <p>7. he can design the analysis process in relation to the problem within the studied subject (T2A_U09) - [K2A_U09]</p> <p>8. can formulate a design (engineering) task within the construction or reorganization of the logistics system (T2A_U17) - [K2A_U17]</p> <p>9. can determine the appropriate tools and methods for solving engineering problems relevant to the construction or reorganization of the logistics system (T2A_U18) - [K2A_U18]</p>
<p>Social competencies:</p> <p>1. understands the need for lifelong learning and the forms available to them, can inspire and organize the learning process of others in the context of the subject matter of the diploma seminar (T2A_K01) - [K2A_K01]</p> <p>2. is sensitive to the non-technical aspects and effects of the engineering activities, including its environmental impact, and the associated responsibility for management decisions (T2A_K02) - [K2A_K02]</p> <p>3. is aware of the responsibility for formulating and communicating to the public, in particular through mass media, information and opinions on technical and other developments in logistics; strives to convey information and opinions in a universally understandable manner, with objectivity (T2A_K07) - [K2A_K07]</p>

Assessment methods of study outcomes	
<p>Formative evaluation</p> <ul style="list-style-type: none"> - preparation of a thematic card and working table of contents <p>Summary summary</p> <ul style="list-style-type: none"> - presentation of work concept - the ability to call sources and make a bibliography 	
Course description	
<ul style="list-style-type: none"> - rules for writing a scientific text - a discussion of the structure of the maiden work - the principles of respect for intellectual property - explanation of the preparation of the presentation - discussion of the elements of the diploma thesis and the diploma examination <p>Didactic methods:</p> <p>Introductory lectures at proseminar level.</p> <p>Analysis of source materials.</p> <p>Multimedia presentations - individual presentation of assumptions of thesis, discussion.</p> <p>Individual consultations.</p>	
<p>Basic bibliography:</p> <ol style="list-style-type: none"> 1. Węglińska M.: Jak pisać pracę magisterską?. Kraków 2005. 2. Regulations for the completion of the diploma thesis and the course of the diploma examination - www.fem.put.poznan.pl 3. Literary sources adapted to the problems of the thesis. 	
<p>Additional bibliography:</p> <ol style="list-style-type: none"> 1. Majchrzak J., Mendel T., Metodyka pisania prac magisterskich i dyplomowych, Uniwersytet Ekonomiczny, Poznań, 2009 2. Weiner J. ? Technika pisania prac naukowych, Kraków, 1992, UJ 	
Result of average student's workload	
Activity	Time (working hours)

1. Projects/seminars		30
Student's workload		
Source of workload	hours	ECTS
Total workload	50	2
Contact hours	30	2
Practical activities	20	0