

**DESCRIPTION OF THE COURSE OF STUDY
FOR EXCHANGE STUDENTS**

Kod przedmiotu	0413.3.LOG1.D38.GOS	
Name of the course in	English	<i>Warehouse management</i> Gospodarka magazynowa
	Polish	

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of studies	Logistics
1.2. Form of studies	Full Time / Part Time
1.3. Level of studies	I degree (Bachelor's Degree)
1.4. Profile of studies	Academic
1.5. Person responsible for the card	Szymon Jopkiewicz, PhD
1.6. Kontakt	szymon.jopkiewicz@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language	English, Polish
2.2. Prerequisites	Distribution Logistics, Supply Chain Management

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture, practical classes	
3.2. Place of classes	Lecture and practical classes at University	
3.3. Form of assessment	Lecture – exam, practical classes – graded credit	
3.4. Didactic methods	Lecture with presentation Practical classes – workshops E-learning – data analysis, case studies	
3.5. Literature	Basic	1. Galińska B., Gospodarka magazynowa, Difin, Warszawa 2017. 2. Gwynne R., Zarządzanie logistyką magazynową, PWN, Warszawa 2016.
	Additional	1. Gwynne R., Warehouse Management: A Complete Guide to Improving Efficiency and Minimizing Costs in the Modern Warehouse, 3rd Revised edition, Kogan Page Ltd. 2017. 2. Szymonik A., Wybrane problemy funkcjonowania magazynu - w teorii i praktyce, Selected problems of the warehouse operation - in theory and practice, Gospodarka Materiałowa & Logistyka, Warszawa: Państwowe Wydawnictwo Ekonomiczne, R. 71 nr 11 (2019), s. 23-31.

4. OBJECTIVES, SYLLABUS CONTENT

<p>4.1. Subject objectives</p> <p>Lecture: C1. Knowledge – Knowledge of the functions and specifics of warehouse management. C2. Skills – Planning, managing, identifying and researching the main problems of warehouse management. C3. Social competences – sensitization to the problems of warehouse management.</p> <p>Practical classes: C1. Knowledge – Knowledge of the functions and specifics of warehouse management. C2. Skills – Planning, managing, identifying and researching the main problems of warehouse management. C3. Social competences – sensitization to the problems of warehouse management.</p>
<p>4.2. Detailed syllabus</p> <p>Lecture:</p> <ol style="list-style-type: none"> 1. The concept of warehouse and warehousing. 2. Division of warehouses and their structure. 3. The warehouse as part of the logistics subsystem. 4. The use of IT systems in warehouse management. 5. Effective use of warehouse space with the support of IT systems. 6. Ways of minimizing costs with the support of IT systems. 7. Methods of calculating warehouse needs using IT systems. 8. Manipulation techniques and technologies in modern storage. <p>Practical classes:</p> <ol style="list-style-type: none"> 1. Functions of a modern warehouse - introduction to the Comarch ERP system. 2. The structure of deliveries and shipments based on IT systems.

3. Distribution of loads with the support of IT systems. 4. Working cycle in the storage zone with the support of the Comarch ERP system. 5. The picking process with the support of the Comarch ERP system. 6. Methods of visual identification supported by IT systems. 7. Cost rationalization methods using IT systems. 8. IT-supported manipulation technologies.

4.3. Subjects' learning outcomes

LO	A student who has passed a subject	Reference to directional learning outcomes
In terms of KNOWLEDGE :		
W01	has knowledge about the warehouse management of enterprises.	LOG1A_W11
W02	lists legal regulations concerning warehouse management.	LOG1A_W08
W03	sees the key problems of warehouse management.	LOG1A_W18
in terms of SKILLS :		
U01	has the ability to propose solutions in the field of organization of transport, storage and forwarding of goods using the knowledge of logistics centers.	LOG1A_U06
U02	uses IT tools in the field of warehouse management.; can use quantitative methods in the management of material resources and transport, and is able to plan a transport and warehouse network using the latest logistics techniques.	LOG1A_U04 LOG1A_U05
U03	uses technologies for labeling goods in warehouse spaces.	LOG1A_U06
In terms of SOCIAL COMPETENCES :		
K01	makes an effort to independently acquire and improve knowledge in the field of warehouse management..	LOG1A_K07

Ways of verifying the achievement of the learning outcomes in question

Learning outcome	Way of verifying (+/-)									
	Test			Project						
	Form of classes			Form of classes						
	W	C	...	W	C	...				
W01	+				+					
W02	+				+					
W03	+				+					
U01	+				+					
U02	+				+					
U03	+				+					
K01	+				+					

4.5. Criteria for assessing the degree of achievement of learning outcomes

Form of classes	Grade	Assessment criteria
Lecture	3	The student passed the test at the level of 50-59% of the maximum number of points possible to get.
	3,5	The student passed the test at the level of 61-70% of the maximum possible number of points.
	4	The student passed the test at the level of 71-80% of the maximum possible number of points.
	4,5	The student passed the test at the level of 81-90% of the maximum possible number of points.
	5	The student passed the test at the level of 91-100% of the maximum possible number of points.
Practical classes	3	The student passed the project at the level of 50-60% of the maximum possible number of points.
	3,5	The student passed the project at the level of 61-70% of the maximum possible number of points.
	4	The student passed the project at the level of 71-80% of the maximum possible number of points. Exercise activity.
	4,5	The student passed the project at the level of 81-90% of the maximum possible number of points. High activity in exercise.
	5	The student passed the project at the level of 91-100% of the maximum possible number of points. A lot of exercise activity.

4. ECTS POINTS BALANCE - STUDENT WORKLOAD

Category	Student workload
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	Full time studies*	Part time studies*
<i>NUMBER OF HOURS IMPLEMENTED WITH DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	50	30
<i>Participation in lectures</i>	30	15
<i>Participation in practical classes</i>	15	8
<i>Participation in the exam / test</i>	3	5
<i>Other: consultancy</i>	2	2
<i>STUDENT'S INDEPENDENT WORK /NON-CONTACT HOURS/</i>	25	45
<i>Preparation for the lecture</i>	10	10
<i>Preparation for the practical classes</i>	10	20
<i>Preparation to the exam / test</i>	15	15
TOTAL HOURS	75	75
ECTS Credits	3	3