STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Informatic systems in logistics		**1011105321011167647**

Field of study	Profile of study (general academic, practical)	Year /Semester
Logistics - Part-time studies - Second-cycle	**(brak)**	**1 / 2**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Chain of Delivery Logistics	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
Second-cycle studies	**part-time**

No. of hours						No. of credits
Lecture:	**12**	Classes:	**-**	Laboratory:	**14**	Project/seminars: **-**	**5**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	It has a basic knowledge of computer science, economics and management sciences.
2	**Skills**	Able to interpret and describe basic rights and processes that affect the business of the enterprise.
3	**Social competencies**	It is aware of the social context of business operations, and understands basic social phenomena.

Assumptions and objectives of the course:

Students should familiarize themselves with the knowledge relating to the main issues concerning the IT systems used in logistics.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. He knows the basic concepts characteristic within the subject being studied for the logistics - [K2A_W09]
2. We know the systems and their basic functions used in logistics and related areas - [K2A_W12]
3. Can explain in detail the methods, tools and techniques specific to the subject being studied for the logistics - [K2A_W13]
4. He knows the trends in the use of information systems in business management - [K2A_W17]
5. It characterizes the essence of the functioning of the enterprise operating an integrated IT system - [K2A_W25]

Skills:

1. Able to communicate using appropriate personal in a professional environment as well as in other environments, in terms of subject being studied - [K2A_U02]
2. Can within the subject being studied into practice learning process - [K2A_U05]
3. Can formulate and solve problems through interdisciplinary integration of knowledge in the fields and disciplines used to design logistics systems - [K2A_U10]
4. Is able to formulate and test hypotheses regarding the issues related to the design of logistics systems - [K2A_U11]
5. Can assess the usefulness and ability to use new achievements (techniques and technologies), in terms of logistics and related functional areas - [K2A_U12]
6. Can look appropriate for industrial-safety issues issues falling within the scope of logistics - [K2A_U13]

Social competencies:

1. He is aware of the responsibility for own work and willingness to comply with the principles of teamwork and shared responsibility for the implementation of tasks - [K2A_K03]

Assessment methods of study outcomes
Lecture: card activity, written test Laboratories, projects: the current work on classes, database design
Course description
The course provides an overview of issues in the field of information systems applications in logistics. The scope of activities includes: 1. Integrated management systems 2. Election of the management system in logistics 3. Systems logistics and warehouse management 4. Introduction to databases 5. Data Controls Teaching methods: conventional specialist lecture, solving cognitive tasks
Basic bibliography:
1. Rutkowski K. (2002). Logistyka on-line. PWE. Warszawa. 2. Wieczerzycki W. (2012). E-logistyk@. PWE. Warszawa. 3. Ragin-Skorecka K., Urbaniak J. (2014). Zarządzanie projektami informatycznymi - studium przypadku. w: Trzcieliński S., Zaborowski T. (red.) Licentia poetica zarządzania, III Szkoła Naukowa Zarządzania, monografia. Poznań, s. 59 - 75. 4. Ragin-Skorecka K. (2005). UML ? język opisu wymagań klientów. Zeszyty Naukowe Politechniki Poznańskiej. Organizacja i Zarządzanie, nr 41, s. 83-91
Additional bibliography:
1. Ragin-Skorecka K., Nowak F. (2016). Information Is The Key In Optimization of Transport Processes. Information Systems In Management. Vol. 5, no. 2, p. 227-236 2. Majewski J. (2006). Informatyka dla logistyki. Biblioteka logistyka. Poznań.

Result of average student's workload

Activity	**Time (working hours)**
1. Lectures	12
2. Laboratories	14
3. Preparation for laboratory	15
4. Written exam	2
5. Consultations	30
6. Preparing to exam	26
7. Preparing to project	26

Student's workload

Source of workload	**hours**	**ECTS**
Total workload	125	5
Contact hours	70	3
Practical activities	30	2