

Course title: IT IN **LOGISTICS**

ECTS credit allocation (and other scores): 2,5

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Social sciences

Language: English

Number of hours per semester: 30

Course coordinator/ Department and e-mail: dr Daniel Rzeczkowski daniel.rzeczkowski@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: The essence of computerization in logistics. Types and sources of information used in logistics. Systems information technologies used in logistics. Databases supporting the implementation of logistics processes. Integrated IT systems. Aspects of implementing IT systems in logistics. Introduction to BPMN notation.

LECTURES: Information and its role in logistics. Place of IT in the organization's information system. Process approach the basis for designing an organization's information system. Division of supporting information systems implementation of logistic processes: transactional, expert, decision support, artificial intelligence. Transaction systems supporting logistics. Information Safety. Introduction to BPMN notation.

Learning purpose: a. Getting to know the place, role and detailed functions of IT in the implementation and support of logistics tasks b. Indication of IT systems and tools supporting logistics in the organization c. Presentation of the architecture and functionality of IT systems supporting logistics

On completion of the study programme the graduate will gain:

Knowledge: Understands the importance of technology information in support logistics 2. Distinguishes between basic functions information systems supporting logistics

Skills: Uses IT systems and tools supporting logistics

Social Competencies: Demonstrates responsibility for the performed tasks

Basic literature: Silver B., BPMN_2.0_Handbook_Second_Edition_Digital_Edition, wyd. Future Strategies Inc., 2012

Supplementary literature: Rzeczkowski Daniel, Rzeczkowska Agnieszka , Analiza procedury uzyskania decyzji administracyjnej z wykorzystaniem notacji UML, w: Wartości i nowoczesność w strategii odpowiedzialnego rozwoju. Nowe ścieżki rozwoju w Europie Środkowej i Wschodniej / red. nauk. Sławomir Partycki, Roman Sobecki, wyd. Wydawnictwo KUL, 2017 , s. 286-299

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 1,36 ECTS

Student's independent work: 1,14 ECTS