

Course title: STORAGE AND TRANSPORT

ECTS credit allocation (and other scores):

Semester: autumn

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 Grzegorz Szczubetek / grzegorz.szczubetek@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: Assortments allocation management in the warehouse. Location of warehouses and logistics centres. Planning the use of storage space. „The bull whip” effect. Automatic identification systems in the supply chain. Methods for analysing the efficiency of storage processes - indicator analysis.

LECTURES: Warehouse infrastructure. Strategic organisation of storage systems in the supply chain. Organisation of the magazine. Storage process. Packaging in logistics storage systems. Automatic goods' identification systems in the supply chain. Methods for analysing the efficiency of storage processes.

Learning purpose: To provide students with knowledge about the principles of efficient and effective management of material flows in storage processes. To make students familiar with the issues connected with the design of storage areas and their effective use.

On completion of the study programme the graduate will gain:

Knowledge: Student knows the methods and principles of organisation of warehouse processes. Student knows the phases of the storage process and methods for their optimisation.

Skills: The student is able to plan warehouse space and use it effectively. The student is able to analyse the effectiveness of warehouse management.

Social Competencies: The student is oriented towards new innovations and technologies in the field of logistics.

Basic literature: 1) Galińska B., Gospodarka magazynowa, wyd. Difin, 2016 ; 2) Szymonik A., Chudzik D., Logistyka nowoczesnej gospodarki magazynowej, wyd. Difin, 2018

Supplementary literature: 1) Niemczyk A., Zapasy i magazynowanie, wyd. Bibliotek logistyka, 2007 ; 2) Szczubetek G., Zintegrowane systemy wytwarzania, wyd. Wyd. UWM, 2014

The allocated number of ECTS points consists of: 2,5

Contact hours with an academic teacher: 1,36

Student's independent work: 1,14