

Course title: LOGISTICS

ECTS credit allocation (and other scores): 3

Semester: autumn

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

Branch of science: Social sciences

Language: English

Number of hours per semester: 45

Course coordinator/ Department and e-mail: dr hab. inż. Anna Strychalska-Rudzewicz [astry@uwm.edu.pl](mailto:astry@uwm.edu.pl)

Type of classes: classes and lectures

---

#### Substantive content

**CLASSES:** Introduction to classes. Logistic customer service. Establishing criteria for selecting suppliers and their evaluation. Determining the permanent location of the object (production plant, warehouse) using network technology. Planning and organization of transport. Selection of transport branches. Creating a transport schedule. Distribution resource planning - DRP method.

**LECTURES:** Areas of interest in logistics, basic concepts of logistics, logistics categories, logistics tasks set for logistics, logistics categories, the essence and role of logistics processes in the functioning of the organization, organization of logistics in the company, logistics procedures, logistics in the organizational structure, logistic task forces. Factors determining the efficiency of logistic processes. Planning and organization of processes

**Learning purpose:** To provide knowledge on logistic activities in the company. To build awareness of the importance of logistic processes in the efficient functioning of a modern enterprise. The student should have the ability to assess the effectiveness of the logistics system in the company and use the principles of organization of logistics processes.

---

On completion of the study programme the graduate will gain:

**Knowledge:** The student understands the importance of logistic processes in the efficient functioning of a modern enterprise. He or she identifies the tasks set for logistics in an enterprise. He or she describes the essence and role of logistic processes in the functioning of an organization and factors which determine the efficiency of logistics processes.

**Skills:** The student sets the criteria for the selection of suppliers, argues the weighting of the criteria and proposes the selection of a suitable supplier. He/she has the ability to assess the effectiveness of the logistics system in the company and to use the principles of process organization. Compares global logistics costs in different modes of transport and selects the most advantageous one. He draws up a transport schedule.

**Social Competencies:** The student is aware of the importance of logistics activities in business management, their impact on the global costs of business operations and the cooperation of entities in creating added value in logistics supply chains. During the teamwork, he discusses with his team members on exercises, keeping open to suggestions from others. He organizes the division of work with the team demonstrating creativity.

**Basic literature:** 1) Ballou R. H. , Business Logistics Management, wyd. Prentice Hall International Editions, 2010 ; 2) Lambert D., Stock J. , Strategic Logistics Management, wyd. McGraw-Hill International Editions, 2012



Supplementary literature: 1) Blaik P., Logistyka. Koncepcja zintegrowanego zarządzania, wyd. PWE, 2017 ; 2) ALAN RUSHTON, PHIL CROUCHER, PETER BAKER, The Handbook of Logistics and Distribution Management, wyd. The Chartered Institute of Logistics and Transport, 2016 ; 3) Pasternak K., Strychalska A., Logistics Customer Services in View of Studies, wyd. UWM, 2003

---

The allocated number of ECTS points consists of: 3

Contact hours with an academic teacher: 1,88

Student's independent work: 1,12