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|------------------------|-------------------------------|
| Code                   | VII.3                         |
| Course Title (English) | Logistics in Enterprise       |
| Course Title (Polish)  | Logistyka w Przedsiębiorstwie |
| Credits                | 2 ECTS                        |

*Language of instruction*    **English**

*Programme*                      Computer Modelling and Simulation, Intelligent Energy, Biotechnology for Environmental Protection, Business and Technology

*Type of studies*                BSc studies

*Unit running the programme*                      Institute of Logistics and International Management

*Course coordinator and academic teachers*    **Marta Starostka-Patyk, PhD.**

*Form of classes and number of hours*

| Semester | Lec. | Tut. | Lab. | Proj. | Sem. | Credit points |
|----------|------|------|------|-------|------|---------------|
| 1        | 30   | -    | -    | -     | -    | 2             |

*Learning outcomes*                      Students need to understand the essence, main ideas and the role of logistics in enterprise, and get the knowledge how to use logistics for efficient organization performance. They also need to understand the processes of logistics and should be able to distinguish logistics subsystems. And they have to be familiar with using the principles for logistics processes planning, organizing and controlling.

*Prerequisites*                      Basic knowledge of economy, management, marketing, trade and enterprise functioning.

*Course description*

**LECTURE**

Definitions and the essence of logistics.  
Main ideas and the role of logistics in enterprise.  
Categorisation and system approach in logistics.  
Analysis of logistics subsystems.  
Obligatory logistics procedures for stockings, transportation and storage.  
Just in time and Kanban methods.  
Factors which determine the efficiency of logistics processes.  
Logistics processes management.  
Analysis of logistics processes costs.  
Planning and organizing the logistics processes in enterprise.  
The effectiveness of logistics systems.  
Logistics support for enterprise management.

Strategic aspects of enterprise logistics performance.  
Exploitation the logistics knowledge for solving case studies.

TUTORIALS:  
Not applicable

LABORATORY  
Not applicable

PROJECT  
Not applicable

SEMINAR  
Not applicable

*Form of assessment* Presence and activity during the lectures.

*Basic reference materials*

1. Ballou, *Business Logistics/ Supply Chain Management and Logware CD Pack*, Prentice Hall, 2004.
2. Kiesel J., *Dictionary of Logistics and Supply Chain Management*, Siemens, 2006.
3. Perret, *Essentials of Logistics and Management*, CRC Press Inc., 2007
4. Stroh M., *Practical Guide to Transportation and Logistics*, Logistics Network Incorporated, 2001.
5. Waters D., *Global Logistics*, Kogan Page, 2007

*Other reference materials*

For Polish-speaking students:

1. Abt S., *Logistyka w teorii i praktyce*, WAE Poznań 2001
2. Coyle J.J., Bardi E.J., Langley C., *Zarządzanie logistyczne*, PWE Warszawa 2002
3. Nowicka-Skowron M., *Efektywność systemów logistycznych*, PWE Warszawa 2000
4. Schary P., Skjott-Larsen T., *Zarządzanie globalnym łańcuchem podaży*, PWN, Warszawa 2002

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| e-mail of the course coordinator and academic teachers | marta.s.patyk@gmail.com  |
| Average student workload (teaching hours + individ. )  | 2 hours of teaching hours + 1 hour of individual work per week |
| Remarks:   |  |
| <i>Updated on:06.02.2015</i>                           |  |