Course description form (syllabus form) – for 1st and 2nd cycle studies

**A. General data**

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| **Name of the field** | **Content**  |
| Course title: | **Logistics** |
| Organizational unit: | Faculty of Management |
| Organizational unit where the course is offered: | Faculty of Management |
| Course ID |   |
| Erasmus code / ISCED | **04-000 – Business Studies, Management Science** |
| Course groups |   |
| Period when the course is offered  | Summer semester 23/24 |
| Short description | Participants of the course will be introduced to the main topics of logistics, such as logistic customer service, supply logistics, stock management, production logistics, distribution and supply chain management. There are planned some examples (e.g. MRP system) and exercises to be analysed during the course. |
| Type of course: | Elective |
| Full description | The course program covers the following topics:1. Logistics. Introduction. Definition, genesis, logistic activities. International logistics.
2. Logistic Customer Service. 7R in customer service. Benefits and costs in customer service. Measures and standards. Customer satisfaction surveys. *CIT* and *CSI* methods.
3. Supply logistics. *ABC* and *XYZ* methods. Supplier selection process. Scoring method.
4. Stock management. Reasons for keeping stocks, decisions and costs. *Economic Order Quantity* model.
5. Material Requirements Planning. IT systems in logistics. New technologies in logistics. System *MRP* – overview and example.
6. Distribution. Definition, main issues and functions. Gaps in distribution. Actors in distribution system. Role of intermediaries. Determinants of modern distribution. Distribution as a linking part of logistics and marketing.
7. Supply Chain Management. Definition, main issues, problems. Logistic service providers. Supply chain coordinators. Supply chain models.
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| Prerequisites | Formal  | Management – basic course |
| Initial  | General knowledge of business management |
| Learning outcomes | After the course, the student:- understands the basic issues and challenges related to the subject of logistics,- can distinguish various phases of logistics and indicate its characteristic features,- understands the importance of logistic customer service in planning and organizing logistics,- can use the *CIT* and *CSI* methods of measuring customer satisfaction level,- knows the main challenges in supply logistics,- understands the *ABC* and *XYZ* methods of differentiating assortment in supplies,- can indicate main areas of consideration in managing stocks,- knows how to use *Economic Order Quantity* method in stock management,- knows how to use system *MRP* in production management,- understands main issues and functions of distribution logistics.- is aware of vital role of distribution in linking logistics with marketing,- knows the idea of supply chain management. |
| ECTS credit allocation (and other scores) | 1 ECTS |
| Assessment methods and assessment criteria | Activeness, attendance |
| Examination  | Assessment based on the total number of points received from activities and attendance |
| Type of class | Elective |
| Sposób realizacji przedmiotu  | Remotely via zoom |
| Language  | English |
| Bibliography | **Books:**Christopher, M., (2011). Logistics & Supply Chain Management, Pearsons, Harlow, UK.Murphy, P., R., (2017). Contemporary Logistics, Pearsons Harlow, UK.Harrison, A., van Hoek, R., Skipworth, H., (2014). Logistics management and strategy: competing through the supply chain, Pearsons, Harlow, UK. |
| Internship as part of the course  | Not applicable |
| Coordinators | **Filip Tużnik** |
| Group instructors | **Filip Tużnik** |
| Notes  | None |

**B. Detailed data**

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| **Name of the field** | **Content**  |
| Group instructors: | **Filip Tużnik** |
| Title  | **PhD Eng.** |
| Type of class: | Lecture |
| Learning outcomes defined for didactic method used during the course | After the course, the student:- understands the basic issues and challenges related to the subject of logistics,- can distinguish various phases of logistics and indicate its characteristic features,- understands the importance of logistic customer service in planning and organizing logistics,- can use the CIT and CSI methods of measuring customer satisfaction level,- knows the main challenges in supply logistics,- understands the ABC and XYZ methods of differentiating assortment in supplies,- can indicate main areas of consideration in managing stocks,- knows how to use Economic Order Quantity method in stock management,- knows how to use system MRP in production management,- understands main issues and functions of distribution logistics.- is aware of vital role of distribution in linking logistics with marketing,- knows the idea of supply chain management. |
| Assessment methods and assessment criteria for didactic method used during the course | Activeness, attendance |
| Examination for didactic method used during the course | Assessment based on the total number of points received from activities and attendance |
| Range of content | 1. Logistics. Introduction
2. Logistic Customer Service
3. Supply logistics
4. Stock management
5. Material Requirements Planning
6. Distribution
7. Supply Chain Management
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| Didactic methods | Lecture, discussion, activities |
| Bibliography | **Books:**Christopher, M., (2011). *Logistics & Supply Chain Management*, Pearsons, Harlow, UK.Murphy, P., R., (2017). *Contemporary Logistics*, Pearsons Harlow, UK.Harrison, A., van Hoek, R., Skipworth, H., (2014). *Logistics management and strategy: competing through the supply chain*, Pearsons, Harlow, UK. |
| Group limit  |   |
| Time span |   |
| Location |   |