



1. Subject name	Informatics in Logistics (PhD)				
2. Subject name in Hungarian	Logisztikai informatika (PhD)				
3. Code	BMEKOKUD014	4. Evaluation type	exam grade	5. Credits	4
6. Weekly contact hours	4 (0) Lecture	0 (0) Practice	0 (0) Lab		
7. Curriculum	PhD Programme	8. Role	Basic course		
9. Working hours for fulfilling the requirements of the subject					120
Contact hours	56	Preparation for seminars	7	Homework	37
Reading written materials	20	Midterm preparation	0	Exam preparation	0
10. Department	Department of Material Handling and Logistics Systems				
11. Responsible lecturer	Dr. Kovács Gábor				
12. Lecturers	Dr. Kovács Gábor				
13. Prerequisites					
14. Description of lectures					
The subject gives advanced knowledge of information technology in logistics systems, including modelling and enterprise resource planning systems. One of the main aim is to help the own research of PhD students, which is connected with logistics information systems.					
15. Description of practices					
16. Description of laboratory practices					
17. Learning outcomes					
A. Knowledge					
<ul style="list-style-type: none">• Knowledge of the modular structure and operation of the logistics information systems.• Knowledge of related optimum search tasks and solutions.					
B. Skills					
<ul style="list-style-type: none">• Able to study the logistics information systems, taking into account the scientific requirements.• Able to carry out research and development tasks related to the logistics information systems.					
C. Attitudes					
<ul style="list-style-type: none">• Strive to maximize their abilities to make their studies at the highest possible level, with a profound and independent knowledge, accurate and error-free, in compliance with the rules of the applicable tools, in collaboration with the instructors.					
D. Autonomy and Responsibility					
<ul style="list-style-type: none">• Take responsibility for the quality of the work and the ethical standards that set an example for the classmates, using the knowledge acquired during the course					
18. Requirements, way to determine a grade (obtain a signature)					
The grade of the PhD student is based on the semester activity and the evaluation of the paper (publishing), in consultation with the supervisor.					
19. Opportunity for repeat/retake and delayed completion					
Announced at the beginning of the semester					
20. Learning materials					
Slides and examples in electronic format					
Effective date	27 November 2019	This Subject Datasheet is valid for		Inactive courses	