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| **Title and Code** of the subject:**Food logistics** MTMEL7039A | **ECTS Credit Points: 4** |
| **Type** of the subject: compulsory / **optional**  |
| **Ratio of theory and practice: 33/66** (credit%) |
| **Type and number of classes per semester**: **14** hour(s) lecture and **28** hour(s) practice per **semester** Number of teaching hours / week : eg.:**1+2** (lecture and practice) |
| **Type of exam**: **exam** / practical course mark |
| **Subject in the curriculum:** semester **3** |
| Preliminary requirements:- |

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| **Summary of content - theory**:  |
| Course objectives: To get students acquainted with the theoretical and practical parts of logistics and their applicatioins in the chain. Our aim is to introduce the basics of modern logistics based on the main functions and processes serving the goods flow. 1. Introduction to supply chain and logistics management
2. Food supply chains
3. Logistics
4. Retailing
5. Production and Manufacturing
6. Sourcing and procurement
7. Technology trends in supply chains
8. Risk management
9. Regulation, safety and quality
10. Collaboration and relationship
11. Security and future challenges
12. Challenges in international supply chains
13. Supply chain and logistics performance
14. Sustainability in supply chains
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| **Summary of content - practice**: |
| Skills to be learnt: Students will be able to evaluate and discuss specific cases using their knowledge gained about theory on lectures. 1. case examples for commerce and trade
2. case examples for supply chains and logistics
3. case examples for logistics systems
4. case examples for retailing
5. Food manufacturing and internal supply chains; case examples
6. sourcing and purchasing models; case examples
7. technology trends in the food supply chains; case examples
8. managing risks in the supply chain; case examples
9. Food regulation, safety and quality seminar: case examples
10. models and trends in the food sector; case examples
11. food security and future challenges; case examples
12. managing challenges in international food supply chains; case examples
13. Food supply chain and logistics performance; case examples
14. sustainability challenges in food supply chains; case examples
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| **Literature, handbooks in English**  |
| 1. Dani, S. (2015): Food supply chain management and logistics. pp 260, KoganPage, ISBN: 9780 7494 7364 8
2. Deloitte (2013): The food value chain: a challenge for the next century. Deloitte Touche Tohmatsu, London.
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| **Competencies gained** *(acc. to the Regulation on training and outcome requirements)* |
| 1. **Knowledge**: Knowledge and proper use of basic concepts, terms, and definitions. Knowledge and recognition of process-specific processes. They will be aware of the methods of collecting, analyzing, performing tasks and problem solving necessary for the realization of commercial and logistic tasks.
2. **Skills:** By using thier theoretical, conceptual and methodological knowledge, they will be able to collect and manage the facts and data necessary for performing their tasks. They will be able to think in vertical systems, to map their connections and build on each other. At the same time, they can break down and describe parts of a complex business system and identify key players and factors.
3. **Attitude:** The student goes through a development of attitudes that develop a positive attitude towards the integrated approach and appearance of logistics as a specialty and trade.
4. **Autonomy and Responsibility**: The subject develops the student's logical ability, the ability to interpret the relationship, which develops the autonomous responsibility. Students will be able to evaluate their professional environment and tasks autonomously. Students will understand the need for responsibility for her work and decisions. At the same time, they can perform their
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| **Responsible lecturer: Dr. Felföldi, János** |
| **Other lecturer(s): ………..., ………………….** |

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| **Terms of course completion:** |
| 1. Giving presentation
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| **Form of examination:** |
| Written examination that may result in a grade from 1 to 5 which grade will be calculated as a combined one with those results coming from the performances (presentations) over the semester. |
| **Requirement(s) to get signature:** |
| Courses have to be attended as it is in the regulations. Additional requirements are those that must be met by each student within the semester and are specified and communicated by the course master. These requirements are definitely related to the topics discussed in the course. |

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| **Exam questions:** |
| 1. Please, discuss supply chain and logistics management
2. Please, discuss food supply chains and give a real life example
3. Please, discuss logistics in the food chain
4. Please, discuss retailing in the food chain
5. Please, discuss the role and place of food production and manufacturing in the chain
6. Please, discuss sourcing and procurement in the food chain
7. Technology trends in supply chains. Give a real life example.
8. Please, discuss risk management in the food chain
9. Regulation, safety and quality issues in the food chain
10. Please, discuss collaboration and relationship in the food supply networks
11. Please, discuss security and future challenges in the food chain
12. Please, discuss challenges in international supply chains
13. Supply chain and logistics performance: how to measure it?
14. Sustainability in supply chains; what is it and why is it so hot topic?
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