

## Tárgytematika / Course Description

### Follow-up in the foodchain

N\_DMA45

Tárgyfelelős neve /

Teacher's name: dr. Ajtony Zsolt

Félév / Semester: 2022/23/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 0/0/0

Tárgy féléves óraszám /

Teaching hours(sem.): 30/0/0

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### OKTATÁS CÉLJA / AIM OF THE COURSE

The application of the food chain monitoring system will link the product and related information; give the product's "life span"; the components of the product, additives and by-products; and serve the flow of information between each participant. The aim of the course is to educate students about the importance of follow-up at each point in the food chain. In doing so it provides information on the background to its development, the essential elements of traceability, and its legal background. The lectures will also discuss the supreme organization responsible for the official control of the food chain and their tasks. During the lessons students will learn about the tasks of tracking, and possibilities of implementation and current practices.

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### TANTÁRGY TARTALMA / DESCRIPTION

1. The concept and significance of follow-up.
2. The follow-up principle.
3. The general model of follow-up, the traceable product identification, and the process of follow-up.
4. Legislative background of follow-up.
5. Internal follow-up.
6. External follow-up.
7. Follow-up in crop production.
8. Follow-up in animal husbandry.
9. Documentation in follow-up and global standards.
10. Tools for automatic data collection.
11. IT tools for product follow-up.
12. Evaluation of follow-up system.

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### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Az oktató által megszabott feltételek teljesítése.

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## KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

**Kecskés K., Krázli Z.** (2007): Follow-up with global standards, GS1 Hungary Kht., Budapest

**Kovács F., Biró G.** (2003): Food safety EU regulation. Agroinform Publisher, Budapest

**Nagy F.** (2002): European Union food economy, Agrárszakoktatási Intézet

**Katona L., Rácz E.** (2000): Standardization and the Hungarian Food Book; Agriculture Publisher, Budapest

**Flynn, R.F., Dorfman, M.** (1990) The automated requirements traceability system (ARTS): an experience of eight years.

pp. 423–428 In: System and Software Requirements Engineering, Thayer, R.H. & Dorfman, M. (Eds). IEEE Computer Society, Washington, DC.