



**Facultatea de Ingineria Mediului
și Știința Alimentelor**

UNIVERSITATEA VALAHIA DIN TÂRGOVIȘTE



Alea Sinaia, nr. 13, 130004, Târgoviște, România
e-mail: fimsa@valahia.ro, web: <https://fimsa.valahia.ro/>

Valahia University of Târgoviște
Faculty of Environmental Engineering and Food Science
Area of academic study: Food Engineering
Study program: Bioresources Engineering
Study Cycle: Master

Professional Interview

1. Functional biodiversity and agroecosystems – crop growth and development principles
2. Agriculture and territory: organization of land use and farming systems. Development of agriculture and environmental impact
3. Raw materials of plant origin: cereals and cereal products, vegetables and the products of their processing, fruits and the products of their processing
4. Macronutrients in foods (Protein, Lipids, Carbohydrates)
5. Food Security and Safety (definition of food security and safety and related concepts; dimensions of food and nutrition security; characterization of food hazards)
6. Biological and chemical hazards in food (foodborne pathogens in raw or improperly processed and handled foods; physiology and survival of foodborne pathogens in different food systems; chemical hazards produced during food processing, storage, and preparation)
7. Principles of food preservation

References:

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Dussault A.C., 2019. Functional Biodiversity and the Concept of Ecological Function. In: Casetta E., Marques da Silva J., Vecchi D. (eds) From Assessing to Conserving Biodiversity. History, Philosophy and Theory of the Life Sciences, vol 24. Springer, Cham. https://doi.org/10.1007/978-3-030-10991-2_14



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