

# Course Specifications

Valid as from the academic year 2024-2025

# Packaging Materials: Food Safety Aspects (1690019)

Course size	(nominal values; actual values may depend on programme)				
Credits 3.0	Study time 9	iu n			
Course offerings in a	cademic year 2024-2025				
A (Year)	English	Kortrijk			
Lecturers in academi	c year 2024-2025				
De Meulenaer, Bruno LA23			lecturer-in-	lecturer-in-charge	
Vermeulen, An LA23			co-lecturer	co-lecturer	
Offered in the follow	ing programmes in 2024-2025		crdts	offering	
Postgraduate Certificate Food Packaging			3	А	
Postgraduate Certificate Sustainable Food Packaging Solutions			3	А	
Teaching languages					
English					
Keywords					
Food contact ma	terials, migration, legislation, mi	croplastics			
Position of the cours	e				
This may affect and the sensoria substances from contact material considered: plas elastomers and transfer phenom legislative fram EU will be outlin to evaluate the transfer of (vola be covered. Thes include chemica migration from	substances are migrating from t food safety il quality of food. In this course th the to the food will be presented. Va- tics, rubbers, metals, glass, paper and hena, detailed eworks are developed in order to ework of the red, next to the US FDA legislation tile and non-volatile) substances re l analytical approaches and the n	ne factors impacting the transfer of arious types of materials will be board. Due to these mass guarantee food safety. The n. The methodological approaches is from food contact materials, will nathematical prediction of the			
Contents					
2. Legislative an					

# Initial competences

Final competencies obtained in the course unit 'Food packaging materials, machines and conditions'.

### **Final competences**

1 To acquire knowledge and insights in the material transfer from food contact

materials to foods.

2 To acquire knowledge and insights in the food safety and legislative aspects of the material transfer from food contact materials to foods.

#### Conditions for credit contract

This course unit cannot be taken via a credit contract

#### Conditions for exam contract

This course unit cannot be taken via an exam contract

#### Teaching methods

Lecture, Independent work

#### Extra information on the teaching methods

Lectures (can be organised online): (20 hrs) Exercises with simulation software (cannot be organised online). (5 hrs) Guided self-study (can be organised online): Students will carry out a case with respect to the specifications of a Declaration of Compliance (DOC) (5 hrs)

#### Study material

Type: Slides

Name: Packaging Materials: Food Safety Aspects Indicative price: Free or paid by faculty Optional: no Language : English Number of Slides : O Available on Ufora : Yes Online Available : Yes Available in the Library : No Available through Student Association : No

#### References

*Migration from food contact materials. L.L. Katan, Springer, ISBN 978-1-4613-1225-3* 

https://ec.europa.eu/food/safety/chemical\_safety/food\_contact\_materials\_en

#### https://www.efsa.europa.eu/en/applications/foodcontactmaterials

#### Course content-related study coaching

Before and after the lectures and exercises, the student can ask the teacher or assistant for additional information or explanations. The teacher and assistant can also be contacted by e-mail.

#### Assessment moments

end-of-term assessment

#### Examination methods in case of periodic assessment during the first examination period

Assignment

#### Examination methods in case of periodic assessment during the second examination period

Assignment

#### Examination methods in case of permanent assessment

#### Possibilities of retake in case of permanent assessment

not applicable

#### Extra information on the examination methods

Assignment: the evaluation of this course is part of an individual integrative assignment in which students have to integrate and apply knowledge and competences from all the different courses making up the specific elective track of the postgraduate certificate Food Packaging.

The student (qualitatively) evaluates a food product-packaging concept. The product-packaging concept will be predetermined before the start of the lectures.

The student should demonstrate s/he is able to apply the course in an interdisciplinary way, and explain the concept from a course specific perspective. The product of the assignment is a report (including a self-reflection) which will be presented to a jury.

# Calculation of the examination mark

- The assignment (100%):
- Report (40%)
- Presentation (20%)
- Q&A (40%)