



Course catalogue

UKBH II-IZ03 Food contact materials

Programme	FOOD SAFETY AND QUALITY MANAGEMENT
Level	Master's programme
Academic year	1 year
Semester	Autumn Semester
ECTS credits	6 credits
Lecturers	Anka Trajkovska Petkoska
Language	Macedonian
Objective	Main objectives of the course are focussed toward materials that are used for food packaging, their classification and main function. Processing equipment in touch with food is also a special part of the course.
Content	Introduction to materials that are used for food packaging. Classification of food packaging materials. Functions of packaging. Interaction food-packaging materials. Permeability issues of food packaging; migration and adsorption. Eco-aspects of packaging. Innovative trends in packaging; MAP, active, intelligent, edible, biodegradable, multilayered packaging. Packaging systems for special categories of food and biotechnological products. Testing methods for ambalaging materials. Policy and regulations (EU and national) related to food contact materials.
Learning materials	Primary literature, additional references, books and scientific papers are referenced in class and posted on the course website.