			UNIV Fa									
			Study programm									
		Cycle I	Cycle I Year IV									
Course title Food A		d Allergens	lergens									
Department		Depa	artment for Food	nt for Food Technology – Faculty of Technology Zvornik								
Course code		Co	urse status	Seme	ster	ECTS						
04-2-115		-7		Elective	7		4					
Teacher		Milenko	Smiljanić, PhD, as	nić, PhD, associate professor								
Teaching assistant		Vesna Go	sna Gojković Cvjietković, PhD, assistant professor									
Number of hours/ week)		teaching	workload (per	per Individual student workload (in h semester)		(in hours per	Student workload coefficient S₀					
Lectures	Au exe	uditory ercises	Laboratory exercises	Lectures	Auditory exercises	Laborator exercises	So					
2		0	2	30	0	30	1.00					
	2*15-	+0*1 <u>5+</u> 2*15	5=60 hours	15*1.00)=60 hours								
Total course workload 60 + 60=120 hours per semester												
Afte 1. d 2. d outcomes 3. n 4. d in fe		After finisl 1. define a 2. demons 3. manage 4. demons in food.	After finishing the course, students will be able to: . define allergens in food; . demonstrate the knowledge of the classes of allergens in food; . manage allergens in the food industry; . demonstrate the knowledge of the legal regulations of Bosnia and Herzegovina and the EU on allergens n food.									
Prerequisites												
Teaching meth	ods	Lectures,	auditory and labo	tory and laboratory exercises, seminar paper, consultations, mid-term tests (colloquia).								
Syllabus out per week	tline	<ol> <li>Introduction. Definition of food allergy. Mechanisms of food allergy.</li> <li>Classification of food allergens. Allergens from food of plant origin. Allergens from food of animal origin.</li> <li>Labelling the presence of allergens in food products.</li> <li>Methods for detecting allergens in food.</li> <li>Methods for detecting allergens via in vitro and in vivo tests.</li> <li>Peanut allergens in food.</li> <li>Allergens from nuts in food.</li> <li>Allergens from milk and eggs in food.</li> <li>Gluten in food.</li> <li>Gluten in food.</li> <li>Legal regulations in the EU and Bosnia and Herzegovina for allergens that are not labelled in food products.</li> <li>Risk analysis for the presence of allergens in food.</li> <li>Management of allergens in the food industry.</li> <li>Mid-term tests are taken after the 8th week and the 15th week. Semester verification is required after the 15th week.</li> </ol>										
Author				Title, publisher			r Pages					
Dean, T.			Food intoler Publishir	ance and the food ng in Food Science Cambridge, Eng	ad 2000	) 1-11						
Flaganan, S.		Handbook o	f Food Allergen De Woodhead Publ	rol, 2014	1-250							
				Additional re	ading	1	-					
Au	Ithor			Title, publish	Year	r Pages						

Mine, Y.		Detecting allergens in food,by Koppelman&Hefie, Woodhead Publishing, Elsevier							1-51		
Food Standards Agency		Guidance on information	allergen	control	and	consumer	2005	1-43			
	Type of student evaluation							Grade points	Percentage		
Obligations,	Pre-exam o	bligations									
		Attendance							6 %		
		Mid-term test I							25 %		
assessment mothods and	Mid-term test II							25	25 %		
grading system	Seminar paper							14	14 %		
	Final examination										
	Final examination (oral)							30	30 %		
	Total							100	100 %		
Web page	www.tfzv.ue	s.rs.ba									
Date	2023										