

University of Transilvania, Braşov, Romania

Study program: Food Control and Expertise

Faculty: Food and Tourism
 Study period: 4 years (Bachelor)
 Academic year structure: 2 semesters (14 weeks per semester)
 Examination sessions (two): winter session (January/ February)
 summer session (June/ July)

Courses per years (C= course; S = seminar; L = laboratory; P = project)

1st Year

No crt	Course	Code	language of instruction	1 st Semester					2 nd Semester				
				C	S	L	P	Cred	C	S	L	P	Cred
01	Mathematical analysis	MATE	romanian	2	2	-	-	5					
02	Chemistry	CA	romanian	2	-	2	-	4					
03	Physics	FIZ I	romanian	2	-	2	-	5					
04	Computer Programming and Programming Languages I	PCLP1	romanian	3	-	2	-	4					
05	Mechanical engineering elements I	EIM1	romanian	2	-	2	-	5					
06	Ecology and environmental protection	EPM	romanian	2	-	1	-	4					
07	Theory of Probabilities and Mathematical Statistics	TPSM	romanian						2	2	-	-	4
08	Technical drawing and infographics	TDI	romanian						2	-	2	-	5
09	Computer Programming and Programming Languages II	PCLP2	romanian						2	-	2	-	4
10	Mechanical Engineering Elements II	EIM2	romanian						2	-	2	-	5
11	Analitical Chemistry	CAN	romanian						2	-	2	-	5
12	Organic Chemistry	CO	romanian						2	-	2	-	5
13	English language French language German language Spanish language	LE 01/LE 02 LF 01/ LF 02 LG 01/LG 02 LS 01/LS 02		1	1	-	-	2	1	1	-	-	2
14	Physical education	EF01/EF02	romanian	-	1	-	-	1	-	1	-	-	1
15	Academic writing	SA	romanian	1	-	-	-	1					

2nd Year

No. crt.	Course	Code	language of instruction	3 rd Semester					4 th Semester				
				C	S	L	P	Cred	C	S	L	P	Cred
01	Elements of Electrical Engineering	EIE	romanian	2	-	2	-	4					
02	Physics II	FIZ 2	romanian	2	-	2	-	4					
03	General Microbiology	MG	romanian	2	-	2	-	5					
04	Food Industry Processes and Operations I	OUIA1	romanian	2	-	2	-	5					
05	Food biochemistry	BCH	romanian	2	-	2	-	5					
	Food chemistry	CA	romanian										
06	Enzymatic and immunological methods of analysis	MEIA	romanian	2	-	2	-	5					

07	Consumer behaviour	COCO	romanian							2	-	2	-	5
08	Hygiene in food industry	ISIA	romanian							2	-	2	-	4
09	Human nutrition principles	PNU	romanian							2	-	2	-	3
10	Special microbiology	MS	romanian							2	-	2	-	5
11	Food Industry Processes and Operations II	OUIA2	romanian							2	-	2	-	4
12	Computer Aided Design	GAC	romanian							2	-	2	-	3
13	Technological Work Placement	PD	romanian							90 hours				4
14	English language	LE 03/LE 04												
	French language	LF 03/ LF 04		1	1	-	-	2	1	1	-	-	2	
	German language	LG 03/ LG 04												
	Spanish language	LS 03/LS 04												
15	Physical education	EF03/EF04	romanian	-	1	-	-	1	-	1	-	-	1	

3rd Year

No. crt.	Course	Code	language of instruction	5 th Semester					6 th Semester					
				C	S	L	P	Cred	C	S	L	P	Cred	
01	Food Control and Quality Assurance	CSVSA	romanian											
	Epidemiology and public health	ESP	romanian	2	-	2	-	4						
02	General Food Technologies I	TGIA 1	romanian	2	-	2	-	4						
03	Food Products Analysis I	APA 1	romanian	2	-	2	-	4						
04	Sensorial Analyses I	AS 1	romanian	2	-	2	-	4						
05	Food Industry Machinery and Equipment I	UIA 1	romanian	2	-	2	-	4						
06	Food Industry Machinery and Equipment I - project	UIA 1 - project	romanian	-	-	-	2	2						
07	Food additives	AIIA	romanian	2	-	2	-	4						
08	Minimal athermal and thermal processing of food products	PMATA	romanian	2	-	1	-	4						
09	Packaging, labelling and design in food industry	ADIA	romanian						2	-	1	1	4	
10	General food technologies II	TGIA 2	romanian						2	-	2	-	3	
11	Food Industry Machinery and Equipment II	UIA2	romanian						2	-	2	-	3	
12	Food Industry Machinery and Equipment II - project	UIA2 - project	romanian						-	-	-	1	2	
13	Food products analysis II	APA 2	romanian						2	-	2	-	4	
14	Methods and Techniques for Instrumental Analysis I	MTAI1	romanian											4
	Chromatographic and electrophoretic methods of food analysis I	MCEAA1	romanian						2	-	2	-		
15	Functional food products	AF	romanian						2	-	2	-	3	
16	Food legislation	LIA	romanian						2	1	-	-	3	
	Food products inocuity I	IPA 1	romanian											
17	Technological Work Placement	PD	romanian						90 hours				4	

4th Year

No. crt.	Course	Code	language of instruction	7 th Semester					8 th Semester					
				C	S	L	P	Cred	C	S	L	P	Cred	
01	Marketing	MAR	romanian	2	1	-	1	4						
02	Quality control of vegetable products	CCPV	romanian	2	-	2	-	5						
03	Control of Agri-Foods of Animal Origin	CCPA	romanian	2	-	2	-	5						
04	Food Expertise and Safety I	ESA 1	romanian	2	-	2	-	4						
05	Methods and Techniques for Instrumental Analysis II	MTAI 2	romanian	2	-	2	-	4						
	Chromatographic and electrophoretic methods of food analysis II	MCEAA 2	romanian											
06	Principles and Methods of Food Conservation	PCPA	romanian	2	-	2	-	4						
	Food products inocuity II	IPA 2	romanian											
07	Food control and quality assurance	CACIA	romanian	2	-	2	-	4						
08	Management	MNG	romanian						2	1	-	-	3	
09	Sensorial Analyses II	AS2	romanian						2	-	2	-	4	
10	Food Authetication and Falsificaton	AFA	romanian						2	-	2	-	3	
	Spectroscopic methods in food analysis	MSAA	romanian											
11	Quality management	MC	romanian						2	1	-	-	3	
12	Food rheology	RA	romanian						2	-	1	-	3	
13	General economy	EG	romanian						2	1	-	1	3	
	Communication	CO	romanian											
14	Special Biotechnologies	BS	romanian						2	-	1	-	3	
15	BSc Project Preparation	PD	romanian						-	4	-	-	4	
16	BSc Practice	PRDI	romanian						60 hours				4	
17	BSc Project Presentation	PP	romanian											