

Transilvania University of Braşov, Romania

Study program: Food Engineering

Faculty of 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
1.	Mathematics	MAT	Romanian	2	2	-	-	5					
2.	Chemistry	CHIM	Romanian	2	-	2	-	4					
3.	Physics	FIZ	Romanian	2	-	2	-	5					
4.	Computer Programming and Programming Languages I	PCLP1	Romanian	3	-	2	-	5					
5.	Elements of Mechanical Engineering I	EIM1	Romanian	2	-	2	-	4					
6.	Ecology and environment protection	EPM	Romanian	2	-	1	-	4					
7.	English language	LE 01	-	1	1	-	-	2					
	French language	LF 01											
	German language	LG 01											
	Spanish language	LS 01											
	Italian language	LI 01											
8.	Academic writing	SA	Romanian	1	-	-	-	1					
9.	Sport	EF1	Romanian	-	1	-	-	1					
10.	Theory of probabilities and mathematical statistics	TPSM	Romanian						2	2	-	-	5
11.	Computer Programming and Programming Languages II	PCLPII	Romanian						2	-	2	-	5
12.	Legislation and consumer protection	LPC	Romanian						2	2	-	-	4
13.	Elements of Mechanical Engineering II	EIM2	Romanian						2	-	2	-	4
14.	Technical drawing	DF	Romanian						2	-	1	-	5
15.	Analytic chemistry	CAN	Romanian						2	-	2	-	5
16.	English language	LE0 2	-						1	1	-	-	2
	French language	LF 02											
	German language	LG /02											
	Spanish language	LS 02											
	Italian language	LI 02											
17.	Sport	EF2	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
1.	Biochemistry	BPA	Romanian	2	-	2	-	5					
2.	Physics2	FIZ2	Romanian	2	-	2	-	4					
3.	General Microbiology	MG	Romanian	2	-	2	-	5					
4.	Food Industry Operations I	OIA1	Romanian	2	-	2	-	5					
5.	Elements of Electrical Engineering	EIE	Romanian	2	-	2	-	4					
6.	Colloids in food industry	CIA	Romanian	2	-	2	-	5					
7.	English language	LE 03	-	1	1	-	-	2					
	French language	LF 03											
	German language	LG 03											
	Spanish language	LS 03											
	Italian language	LI 03											
8.	Sport	EF3	Romanian	-	1	-	-	1					
9.	Principles of human nutrition	PNU	Romanian						2	-	2	-	4
10.	Hygiene of food companies	ISIA	Romanian						2	-	2	-	4
11.	Consumer behavior	COCO	Romanian						2	2	-	-	4
12.	Special microbiology	MS	Romanian						2	-	2	-	4
13.	Food Industry Operations II	OIA2	Romanian						2	-	2	-	4
14.	English language	LE0 2	-						1	1	-	-	2
	French language	LF 02											
	German language	LG /02											
	Spanish language	LS 02											
	Italian language	LI 02											
15.	Computer-assisted graphics	GAC	Romanian						2	-	2	-	4
16.	Applied computing	IA	Romanian										
17.	Field practice	FP	Romanian	90									4
18.	Sport	EF4	Romanian						-	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
1.	Control and quality assurance in food industry	CCIA	Romanian	2	-	2	-	5					
2.	New products design	PPN	Romanian	2	-	2	-	5					
3.	Milling technology	TM	Romanian	2	-	2	-	4					
4.	Machines in food industry 1	UIA1	Romanian	2	-	1	2	4					
5.	Vegetable raw materials	MPV	Romanian	2	-	1	-	4					
6.	Additives and ingredients in food industry	AIIA	Romanian	2	-	2	-	4					
7.	Technologies for sugar industry	TCIZ	Romanian	2	-	2	-	4					
8.	Packaging labeling and design in food industry	ADIA	Romanian						2	1	-	-	3
9.	Oil and margarine technology	TUM	Romanian						2	-	2	-	4
10.	Technology of processing vegetables and fruits	TPLF	Romanian						2	-	1	-	5
11.	Technologies in milk industry	TIL	Romanian						2	-	2	-	5

12.	Sensory analysis	AS	Romanian						2	-	2	-	3
13.	Machines in food industry 2	UIA2	Romanian						2	-	1	2	3
14.	Malt and beer technology	TMB	Romanian						2	-	2	-	3
	Technologies in alcohol and yeast industry	TIAD											
15.	Specialized practice	PS	Romanian	90									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
1.	Marketing	MAR	Romanian	2	1	-	1	3					
2.	Wine, vinegar and distilled drinks technology	TVOB	Romanian	2	-	2	-	4					
3.	Technologies for meat industry	TCCC	Romanian	2	-	1	1	5					
4.	Sensorial Analysis 1	AS1	Romanian	2	-	2	-	5					
5.	Process automation in food industry	APIA	Romanian	2	-	1	-	5					
6.	Principles and methods of food preservation	PCPA	Romanian	2	-	2	-	4					
7.	Air conditioning and cooling installations	CIF	Romanian	2	-	2	-	4					
8.	Food rheology	RA	Romanian										
9.	Special biotechnologies	BS	Romanian						2	-	1	-	4
10.	Bakery technology	TP	Romanian						2	-	2	-	3
11.	Machines in food industry 3	UIA3	Romanian						2	2	-	1	3
12.	General economy	EG	Romanian						2	1	-	1	4
13.	Communication	COM	Romanian										
14.	Sensorial Analysis II	ASII	Romanian						2	-	2	-	4
15.	General food technologies I	TGIA I	Romanian						2	1	-	-	4
16.	Management	MAN	Romanian										
17.	General food technologies II	TGIA II	Romanian										
18.	Practice for the diploma project	PRDA	Romanian						60				4
19.	Elaboration of the diploma project	EPD	Romanian						-	3	-	-	4