

UNIVERSITY OF CRAIOVA

Faculty of Horticulture

Department: Horticulture and Food Science (D29)

Domain: Food engineering

Programme: Agricultural products processing technology

Sem. I	Sem. II
Nr. weeks/sem.if ≠ 14	

CURRICULUM – First year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
Compulsory and optional disciplines																
Mathematics	D29TPAL101	FD	OB	1	1	2			4	V						
Elements of electrical engineering	D29TPAL102	D	OB	1	2		2		4	E						
Inorganic and Analytical Chemistry	D29TPAL103	FD	OB	1	2		2		4	E						
Physical and colloidal chemistry I	D29TPAL104	FD	OB	1	2		1		4	E						
Physics	D29TPAL105	FD	OB	1	2		2		4	E						
Geometry and Technical Drawing I	D29TPAL106	FD	OB	1	1	2			4	V						
Mechanical engineering I	D29TPAL107	D	OB	1	2		1		4	V						
Physical and colloidal chemistry II	D29TPAL208	FD	OB	1							2		2		5	V
Food chemistry	D29TPAL209	FD	OB	1							2		2		5	E
Geometry and Technical Drawing II	D29TPAL210	FD	OB	1							2		2		5	E
Transferphenomena	D29TPAL211	S	OB	1							2		2		4	E
Mechanical engineering II	D29TPAL212	D	OB	1							2		1	1	5	E
Applied Informatics	D29TPAL213	FD	OB	1							2		2		4	E
Foreign language I	D29TPAL214	C	OP	1		2			2	V		2			2	V
Foreign language II	D29TPAL215	C	OP	0		2			2	V		2			2	V
Physical education	D29TPAL116	C	OB	1		1			1*	A/R						
Physical education	D29TPAL217	C	OB	1								1			1*	A/R
TOTAL					12	6	8	0	30		12	2	11	1	30	
FACULTATIVE DISCIPLINES																

RECTOR,
Prof. dr. Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ.dr. Cosmulescu Sina

TOTAL	0	0	0	0	0	0	0	0	0	0	0
	26						26				

RECTOR,
Prof. dr. Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ.dr. Cosmulescu Sina

UNIVERSITY OF CRAIOVA

Faculty of Horticulture

Department: Horticulture and Food Science (D29)

Domain: Food engineering

Programme: Agricultural products processing technology

Sem. I

Sem. II

Nr. weeks/sem. if ≠ 14

CURRICULUM – Second year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
Compulsory and optional disciplines																
Food biochemistry I	D29TPAL318	FD	OB	1	2		2		5	E						
Food microbiology I	D29TPAL319	D	OB	1	2		2		5	E						
Cold and air conditioning installations in the food industry I	D29TPAL320	S	OB	1	2		1		4	V						
Unit operations in food industry I	D29TPAL321	D	OB	1	2		2		4	E						
General technology in the food industry I	D29TPAL322	D	OB	1	2		2		4	E						
Hygiene and food safety	D29TPAL323	C	OB	1	2		2		4	V						
Principles of Human Nutrition	D29TPAL424	D	OB	1							2	1			4	E
Food biochemistry II	D29TPAL425	FD	OB	1							2		1		4	E
Food microbiology II	D29TPAL426	D	OB	1							2		2		4	E
Cold and air conditioning installations in the food industry II	D29TPAL427	S	OB	1							2		1		3	E
Unit operations in food industry II	D29TPAL428	D	OB	1							2		2	1	4	E
General technology in the food industry II	D29TPAL429	D	OB	1							2		1	1	4	V
Raw materials of plant origin I	D29TPAL430	S	OB	1							2		2		3	V
Practice (3 weeks=90)	D29TPAL431	D	OB	2										6.43	4	V
Policies and global strategies of food security	D29TPAL332	C	OP	1	2		1		4	V						
Food toxicology	D29TPAL333	S	OP	0	2		1		4	E						
Physical education	D29TPAL334	C	OB	1		1			1*	A/R						
Physical education	D29TPAL435	C	OB	1								1			1*	A/R
TOTAL					14	0	12	0	30		14	1	9	2	30	
FACULTATIVE DISCIPLINES																

RECTOR,
Prof.dr.Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ.dr. Cosmulescu Sina

TOTAL	0	0	0	0	0		0	0	0	0	0	
	26						26					

RECTOR,
Prof.dr.Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ..dr. Cosmulescu Sina

RECTOR,
Prof.dr.Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ..dr. Cosmulescu Sina

UNIVERSITY OF CRAIOVA

Faculty of Horticulture

Department: Horticulture and Food Science (D29)

Domain: Food engineering

Programme: Agricultural products processing technology

Sem. I		Sem. II
	Nr. weeks/sem. if ≠ 14	

CURRICULUM –Third year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
Compulsory and optional disciplines																
Food processing equipments I	D29TPAL536	D	OB	1	2		1		4	E						
Food safety	D29TPAL537	D	OB	1	2		1		4	V						
Raw materials of plant origin II	D29TPAL538	S	OB	1	2		2		4	V						
Technologies in the wine industry I	D29TPAL539	S	OB	1	2		2		5	E						
Principles and methods of food preservation	D29TPAL540	D	OB	1	2		2		5	E						
Preservation of agricultural products	D29TPAL541	S	OB	1	2		2		4	E						
Automation of technological processes	D29TPAL642	S	OB	1							2		1		3	V
Food processing equipments II	D29TPAL643	D	OB	1							2		1	1	4	E
Raw materials of animal origin	D29TPAL644	S	OB	1							2		2		4	V
Technologies in the wine industry I	D29TPAL645	S	OB	1							2		1	1	4	E
Technologies in the canning industry	D29TPAL646	S	OB	1							2		2		4	E
Technology in the milling and bakery industry I	D29TPAL647	S	OB	1							2		2		4	E
Practice (3weeks=90)	D29TPAL648	D	OB	2										6.4	4	
Legislation and consumer protection	D29TPAL549	D	OP	0	2		2		4	V						
Sensory analysis	D29TPAL550	C	OP	1	2		2		4	V						
Packaging and design	D29TPAL651	D	OP	1							2		1		3	V
Psychology OF human consumption	D29TPAL652	D	OP	0							2		1		3	V
TOTAL					14	0	12	0	30		14	0	10	2	30	

RECTOR,
Prof.dr.Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ.dr. Cosmulescu Sina

FACULTATIVE DISCIPLINES															
Valorisation of by-products from the food industry	D29TPAL553	C	F	1	2		1		3	C					
TOTAL					2	0	1	0	3		0	0	0	0	0
					26					26					

RECTOR,
Prof.dr.Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ.dr. Cosmulescu Sina

UNIVERSITY OF CRAIOVA

Faculty of Horticulture

Department: Horticulture and Food Science (D29)

Domain: Food engineering

Programme: Agricultural products processing technology

Sem. I	Sem. II
Nr. weeks/sem. if ≠ 14	10

CURRICULUM –Fourth year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2
Compulsory and optional disciplines																
Technology in the milling and bakery industry II	D29TPAL754	S	OB	1	2		2		5	E						
Food quality control I	D29TPAL755	S	OB	1	1		2		4	E						
Technology of meat and meat products	D29TPAL756	S	OB	1	2		2		5	E						
Technologies in the sugar industry	D29TPAL757	S	OB	1	2		2		4	E						
Technologies in the tobacco and aromatic industry	D29TPAL758	S	OB	1	2		2		4	V						
Additives and ingredients in the food industry	D29TPAL759	D	OB	1	2		1		4	V						
Biotechnologies in the food industry	D29TPAL760	D	OB	1	2		2		4	E						
Food quality control II	D29TPAL861	S	OB	1							2		2		4	E
Technologies in the oil industry	D29TPAL862	S	OB	1							2		2		4	E
Milk and dairy technology	D29TPAL863	S	OB	1							2		2		4	E
Practice (4weeks=120)	D29TPAL864	D	OB	2									8.6	10	V	
Designing new products in the food industry	D29TPAL865	S	OP	0							2		2		4	E
Falsification of foodstuffs and their detection	D29TPAL866	C	OP	1							2		2		4	E
Marketing	D29TPAL867	D	OP	1							2		2		4	V
Management	D29TPAL868	D	OP	0							2		2		4	V
TOTAL					13	0	13	0	30		10	0	10	0	30	
FACULTATIVE DISCIPLINES																
					0	0	0	0	0		0	0	0	0	0	
TOTAL					0	0	0	0	0		0	0	0	0	0	

RECTOR,
Prof.dr. Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTMENT,
Conf.univ.dr. Cosmulescu Sina

26

20

RECTOR,
Prof.dr. Dan Claudiu DĂNIȘOR

DECAN,
Conf.univ.dr. Baduca Constantin

DIRECTOR DEPARTAMENT,
Conf.univ.dr. Cosmulescu Sina