



**UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE OF
BUCHAREST**

FACULTY OF ANIMAL PRODUCTIONS ENGINEERING AND MANAGEMENT

Fundamental field: Engineering of plant and animal

Field of study: Food engineering

**Master's degree program: Siguranța și biosecuritatea produselor alimentare/
Food safety and biosecurity**

Form of education: Full time

Duration – years (credits): 2 (120)

**Aproved,
Senate**

**Advised,
Rector**

CURRICULUM PLANNING

**Starting with the university year 2021/2022
For the period between 2021-2023**

**Dean,
Prof. PhD MĂRGINEAN Gheorghe Emil**

**Manager of the study programs,
Lect. PhD BAHACIU Gratiela Victoria**



Faculty of Animal Productions Engineering And Management
Field of study: Food engineering
Master's degree program: Food safety and biosecurity
Form of education: Full time
Duration years 2 / Study Year I

RECTOR,

CURRICULUM PLANNING
Academic year: 2021-2022

No	Course title	Discipline code	Semester 1							Semester 2							Total of hours		Total of credits
			14 weeks				IS	EF	CR	14 weeks				IS	EF	CR	T	IS	
			C	PA	S	P				C	PA	S	P						
Mandatory disciplines																			
1	Public health and food safety	FS01A1.0	2	2	-	-	144	E	8	-	-	-	-	-	-	-	56	144	8
2	Advanced applications of food safety systems principles	FS02S1.0	2	2	-	-	144	E	8	-	-	-	-	-	-	-	56	144	8
3	Advanced chemical, microbiological and toxicological control and analysis of food	FS03S1.0	2	2	-	-	144	E	8	-	-	-	-	-	-	-	56	144	8
4	Additional products used in technological processes in the food industry	FS04A0.2	-	-	-	-	-	-	-	2	1	-	-	133	E	7	42	133	7
5	Biosecurity producing raw materials of vegetable origin	FS05A0.2	-	-	-	-	-	-	-	2	2	-	-	144	E	8	56	144	8
6	Biosecurity producing raw materials of animal origin	FS06A0.2	-	-	-	-	-	-	-	2	2	-	-	144	E	8	56	144	8
Optionales disciplines			1	1	-	-	122	C	6	2	1	-	-	133	C	7	70	255	13
Total			7	7	-	-	554	3E/1C	30	8	6	-	-	554	3E/1C	30	392	1108	60
7	Economic strategies in food safety	FS07S1.0	1	1	-	-	122	C	6	-	-	-	-	-	-	-	28	122	6
8	Food safety policy and global food system	FS08S1.0	1	1	-	-	122	C	6	-	-	-	-	-	-	-	28	122	6
9	Risk assessment for food	FS09A0.2	-	-	-	-	-	-	-	2	1	-	-	133	C	7	42	133	7
10	Biorisk analysis in food	FS10A0.2	-	-	-	-	-	-	-	2	1	-	-	133	C	7	42	133	7
Total of study year			7	7	-	-	554	3E/1C	30	8	6	-	-	554	3E/1C	30	392	1108	60

Notes: C – no. course hours; S – no. seminar hours; PA – no. practical assignments hours; P – no. project hours; IS – individual study; CR – credits; EF – evaluation form: E – exam, C – colloquy; T – no. teaching hours; Discipline code: FS – specialization abbreviation/ no. order subject / course category; S – of synthesis, A – of further studying / 1-4 – semester.

DEAN,
Prof.univ.dr. MĂRGINEAN Gheorghe Emil



Faculty of Animal Productions Engineering And Management
 Field of study: Food engineering
 Master's degree program: Food safety and biosecurity
 Form of education: Full time
 Duration years 2 / Study Year II

RECTOR,

CURRICULUM PLANNING
Academic year: 2022-2023

No	Course title	Discipline code	Semester 1							Semester 2							Total of hours		Total of credits
			14 weeks				IS	EF	CR	14 weeks				IS	EF	CR	D	SI	
			C	PA	S	P				C	PA	S	P						
Mandatory disciplines																			
1	Quality assurance and food safety for products of vegetable origin	FS01A3.0	2	3	-	-	180	E	10	-	-	-	-	-	-	-	70	180	10
2	Quality assurance and food safety for products of animal origin	FS02A3.0	2	3	-	-	180	E	10	-	-	-	-	-	-	-	70	180	10
3	Good manufacturing practices (GMP) in food processing	FS03S3.0	2	2	-	-	194	E	10	-	-	-	-	-	-	-	56	194	10
4	Academic ethic and integrity	FS04S0.4	-	-	-	-	-	-	-	1	-	-	-	111	E	5	14	111	5
5	Scientific research activity	FS05S0.4	-	-	-	-	-	-	-	-	3	-	-	133	C	7	42	133	7
6	Practical activity	FS06S0.4	-	-	-	-	-	-	-	-	7	-	-	152	C	10	98	152	10
7	Elaboration of the dissertation	FS07S0.4	-	-	-	-	-	-	-	-	5	-	-	130	C	8	70	130	8
Total of study year			6	8	-	-	554	3E	30	1	15	-	-	526	1E/3C	30	420	1080	60
Dissertation exam			-	-	-	-	-	-	-	-	-	-	-	-	E	10	-	-	-

Notes: C – no. course hours; S – no. seminar hours; PA – no. practical assignments hours; P – no. project hours; IS – individual study; CR – credits; EF – evaluation form: E – exam, C – colloquy; T – no. teaching hours; Discipline code: FS – specialization abbreviation/ no. order subject / course category: S – of synthesis, A – of further studying / 1-4 – semester.

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