



STUDY PLAN
Study year : 1 (2023/2024)

I. Compulsatory courses

Nr.	Courses	Formative category	Cod	Semester 1 (14 weeks)							Semester 2 (14 weeks)										
				hours/weeks							hours/weeks										
				C	S	L	P	Cr	FV	C	S	L	P	Cr	FV						
1	Multi-omics applications in biotechnology	DCA	0311010101	2		2		8	E												
2	Microbial biotechnologies	DA	0311010102	2		2		8	E												
3	Genomics	DA	0311010103	2		2		7	E												
4	Nutritional genomics	DA	0311010104	1		1		4	E												
5	Ethics and academic integrity	DPC	0311010105	1	1			3	V												
6	Marker Assisted Selection in Animal Populations	DCA	0311010106																		
7	Embryo biotechnology	DCA	0311010107																		
8	Molecular techniques for food authentication and GMO detection	DCA	0311010108																		
9	Bioinformatics and biostatistics	DA	0311010109	7	1	7	1														
Total: hours/weeks				16							15							30		3E, IV	
Total: hours /credits /year																		15		3E, IV	

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VICE RECTOR
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PROGRAM COORDINATOR
Prof. Andreea BUNEA PhD



Ioana

Bunea



STUDY PLAN

Study year : 2 (2024/2025)

I. Compulsatory courses

Nr.	Courses	Formative category	Cod	Semester 1 (14 weeks)						Semester 2 (12 weeks)									
				hours/week						hours/weeks									
				C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV				
1	Principles and isolation techniques of metabolites from natural matrices	DA	0311020101	2		2				8	E								
2	Cell and tissue engineering	DCA	0311020102	2		2				8	E								
3	Biotechnology application in enthomology	DA	0311020103	2		2				8	E								
4	Applied bioeconomy and entrepreneurship	DPC	0311020104	1		1				6	E								
5	Biotechnology of fermentative products	DA	0311020105									2		2				6	E
6	Biomaterials-practical application	DCA	0311020106									2		2				7	E
7	Biodinamics of natural pigments	DA	0311020107									2		2				6	E
8	Scientific reasearch	DCA	0311020108												48 hours			6	V
9	Elaboration of the dissertation project		0311020109												60 hours			5	V
Total: hours/credits/week				7	1	6	0	30	4E	4	4					30	3E,2V		
Total / semester /year				14						12						30			
										108 hours									

II. Dissertation exam

Dissertation exam promotion