

STUDY PLAN
Study year: 1 (2024/2025)

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								1		1	2	8	E	
7	Embryo biotechnology	DCA	0311010107								2		2		8	E	
8	Molecular techniques for food authentication and GMO detection	DCA	0311010108								1		2		7	E	
9	Bioinformatics and biostatistics	DA	0311010109								1		2	1	7	V	
Total: hours/credits/week				8	1	7	0				5	0	7	3			
Total: hour/credits/year				16							15						
											30						
											3E, 1V						

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															