

U.L.S. "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
 University studies: **Master**  
 Domain: **Animal Science**  
 Study programme: **Nutrition and Fodder Base**  
 Form of study: **Full-Time**  
 Duration of the study programme: **2 years/4 semesters/ 3+1**

**Approved RECTOR,**  
 Prof. Cosmin Alin POPESCU Ph.D.

Date: ..... 20\_\_

**Curriculum**  
**1st year, academic year 2023/2024**

No.	DISCIPLINE	Discipline Code	Semester 1 (14 weeks)									Semester 2 (14 weeks)									Total /year				
			C	S	L	P	Total teaching hours (T.H.)	Hours Cv.	Hours I.S.	CR.	E.F.	C	S	L	P	Total teaching hours (T.H.)	Hours Cv.	Hours I.S.	CR.	E.F.	Hours Cv.	CR.	Hours I.S.		
<b>COMPULSORY disciplines</b>																									
1	Modelling Nutrient Metabolism in Animals	NBF.01.A.1	2	-	2	-	56	112	169	9	E	-	-	-	-	-	-	-	-	-	-	112	9	169	
2	Technologies to Improve the Pastoral Value of Grasslands	NBF.02.S.1	2	-	2	-	56	112	169	9	E	-	-	-	-	-	-	-	-	-	-	112	9	169	
3	Digestive and Metabolic Adaptation of Ruminant and Monogastric Animals	NBF.03.A.1	3	-	3	-	84	168	216	12	E	-	-	-	-	-	-	-	-	-	-	168	12	216	
4	Applications of Mathematical Modeling in Animal Nutrition and Feeding	NBF.04.S.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	112	169	9	E	112	9	169		
5	Optimizing Fodder Base of Livestock Farms	NBF.05.A.2	-	-	-	-	-	-	-	-	-	3	-	3	-	84	168	216	12	E	168	12	216		
6	Nutritional Supplements	NBF.06.S.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	112	169	9	E	112	9	169		
<b>TOTAL</b>			7	0	7	0	196	392	554	30	3E	7	0	7	0	196	392	554	30	3E	784	60	1108		
			<b>14</b>										<b>14</b>												
Note: C - no. of course hours /week; S - no. of seminar hours / L - no. of practical training hours / laboratory /week; P - no. of project hours /week; hours Cv - conventional hours; CR - credits; Hours I.S.- hours for individual study; E.F. - evaluation form: E - exam; C - colloquy; P - project; Discipline code: NBF - Nutrition and Fodder Base or PETEPA - Design and Technical-Economic Evaluation of Animal Production or ACA - Pets and Recreational Animals or BRAA - Reproduction Biotechnologies in Animal Genetic Improvement or BS - Sustainable Biotechnologies / no. of discipline order/ Discipline formative category: A - de aprofundare; S - speciality; C - complementary / semester: 1-4.			Total activities hours/ semester	Hours IS / Hours Cv	No. weeks/ semester	Teaching hours / week	Teaching hours / semester	Hours S.I. / semester				Total activities hours/ semester	Hours IS / Hours Cv	No. weeks/ semester	Teaching hours / week	Teaching hours / semester	Hours S.I. / semester								
			750	1,4133	14	14	196	554				750	1,4133	14	14	196	554								

**Advised DEAN,**  
 Prof. Ioan PEȚ Ph.D.  
 Date: ..... 20\_\_

U.L.S. "King Mihai I" from Timișoara  
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**Approved RECTOR,**  
 Prof. Cosmin Alin POPESCU Ph.D.

Date: ..... 20\_\_

**Curriculum**  
**2nd year, academic year 2023/2024**

No.	DISCIPLINE	Discipline Code	Semester 3 (14 weeks)									Semester 4 (14 weeks)									Total /year			
			C	S	L	P	Total teaching hours (T.H.)	Hours Cv.	Hours I.S.	CR.	E.F.	C	S	L	P	Total teaching hours (T.H.)	Hours Cv.	Hours I.S.	CR.	E.F.	Hours Cv.	CR.	Hours I.S.	
<b>COMPULSORY disciplines</b>																								
1	Feed Quality Control	NBF.01.S.3	2	-	3	-	70	133	180	10	E	-	-	-	-	-	-	-	-	-	-	133	10	180
2	Human Nutrition and Nutrigenomics	NBF.02.S.3	2	-	2	-	56	112	169	9	E	-	-	-	-	-	-	-	-	-	-	112	9	169
3	Sales and Negotiation Techniques	NBF.03.S.3	2	2	-	-	56	112	169	9	E	-	-	-	-	-	-	-	-	-	-	112	9	169
4	Ethics and academic integrity	NBF.04.C.3	1	-	-	-	14	35	36	2	C	-	-	-	-	-	-	-	-	-	-	35	2	36
5	Practical Training	NBF.05.S.4	-	-	-	-	-	-	-	-	-	-	-	3	-	42	42	83	5	C	-	42	5	83
6	Scientific Research for the Elaboration of the Dissertation Paper	NBF.06.S.4	-	-	-	-	-	-	-	-	-	-	-	9	-	126	189	374	20	C	-	189	20	374
7	Elaboration of the Dissertation Paper	NBF.07.S.4	-	-	-	-	-	-	-	-	-	-	-	2	-	28	42	97	5	C	-	42	5	97
<b>TOTAL</b>			7	2	5	0	196	392	554	30	3E+1C	0	0	12	2	196	273	554	30	3C	665	60	1108	
			<b>14</b>									<b>14</b>										<b>23,8</b>		
-	<b>DISSERTATION EXAM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	E	-	10	-	
Note: C - no. of course hours /week; S - no. of seminar hours / L - no. of practical training hours / laboratory /week; P - no. of project hours /week; hours Cv - conventional hours; CR - credits; Hours I.S.- hours for individual study; E.F. - evaluation form: E - exam; C - colloquy; P - project; Discipline code: NBF - Nutrition and Fodder Base or PETEPA - Design and Technical-Economic Evaluation of Animal Production or ACA - Pets and Recreational Animals or BRAA - Reproduction Biotechnologies in Animal Genetic Improvement or BS - Sustainable Biotechnologies / no. of discipline order/ Discipline formative category: A - de aprofundare; S - speciality; C - complementary / semester: 1-4.																								
			Total activities hours/ semester	Hours IS / Hours Cv	No. weeks/ semester	Teaching hours / week	Teaching hours / semester	Hours S.I. / semester			Total activities hours/ semester	Hours IS / Hours Cv	No. weeks/ semester	Teaching hours / week	Teaching hours / semester	Hours S.I. / semester								
			750	1,413	14	14	196	554			750	2,029	14	14	196	554								

**Advised DEAN,**  
 Prof. Ioan PETI Ph.D.  
 Date: ..... 20\_\_