

U.L.S. "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
 University studies: **BACHELOR**  
 Domain: **Animal Science**  
 Study programme: **Animal Science**  
 Form of study: **Full-Time**  
 Duration of the study programme: **4 years/8 semesters**

**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	Anatomy, Histology and Embyology 1	Z.01.F.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
2	Biochemistry 1	Z.02.F.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
3	Mathematics and Statistics	Z.03.F.1	1	1	-	-	28	42	22	2	E	-	-	-	-	-	-	-	-	-	-	42	2	22
4	General Agriculture	Z.04.D.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
5	Ecology and Environmental Protection	Z.05.F.1	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
6	Anatomy, Histology and Embyology 2	Z.06.F.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	84	5	69
7	Biochemistry 2	Z.07.F.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	84	5	69
8	Cell Biology	Z.08.F.2	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	84	5	69
9	Forage Production and Conservation	Z.09.D.2	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	-	98	5	55
10	Biophysics	Z.10.F.2	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	33	3	C	-	70	3	33
11	Experimental Technique and Bioethics	Z.11.D.2	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	8	2	C	-	56	2	8
12	Informatics	Z.12.F.2	-	-	-	-	-	-	-	-	-	0	2	-	-	28	28	22	2	C	-	28	2	22
13	Practical Training	Z.13.S.2	-	-	-	-	-	-	-	-	-	-	-	2,14	-	60	60	15	3	C	-	60	3	15
-	<b>OPTIONAL disciplines I</b>	-	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	-	28	3	47
-	<b>OPTIONAL disciplines II</b>	-	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	84	5	69
<b>TOTAL</b>			11	5	8	0	336	490	414	30	5E+2C	11	2	11	1	410	564	340	30	4E+4C	1054	60	754	
<b>OPTIONAL Disciplines I (1 of 3):</b>																								
14	Foreign Language 1 (English)	Z.14.C.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	-	28	3	47
15	Foreign Language 2 (French)	Z.15.C.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	-	28	3	47
16	Foreign Language 3 (German)	Z.16.C.1	0	2	-	-	28	28	47	3	C	-	-	-	-	-	-	-	-	-	-	28	3	47
<b>OPTIONAL Disciplines II (1 of 2):</b>																								
17	General Biology	Z.17.D.1	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	84	5	69
18	Legislation in the domain	Z.18.D.1	2	2	-	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	84	5	69
<b>FACULTATIVE Disciplines:</b>																								
1	Sports 1	Z.01.C.1	0	1	-	-	14	14	-	1	C	-	-	-	-	-	-	-	-	-	-	14	1	0
2	Psychology of Education	DPPD.02.C.1	2	2	-	-	56	84	-	5	E	-	-	-	-	-	-	-	-	-	-	84	5	0
3	Sports 2	Z.03.C.2	-	-	-	-	-	-	-	-	-	0	1	-	-	14	14	-	2	C	-	14	2	0
4	Pedagogy I (Foundations of Pedagogy, Curriculum Theory and Methodology)	DPPD.04.C.2	-	-	-	-	-	-	-	-	-	2	2	-	-	56	84	-	5	E	-	84	5	0
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: Z- Animal Science or BA-Agricultural Biotechnologies or APA-Entrepreneurship in Food Production / no. of discipline order/ Discipline formative category: F - fundamental; C - complementary; D - in the field; S - speciality/ semester: 1-8			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	0,845	14	24	336		414		750	0,603	14	25	350		340							

**Advised DEAN,**  
 Prof. Ioan PET Ph.D.  
 Date: 28.06.2023

U.L.S. "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
 University studies: **BACHELOR**  
 Domain: **Animal Science**  
 Study programme: **Animal Science**  
 Form of study: **Full-Time**  
 Duration of the study programme: **4 years/8 semesters**

**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	Genetics 1	Z.01.F.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
2	Physiology 1	Z.02.F.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
3	Animal Reproduction 1	Z.03.D.3	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
4	Machinery and Installations for Animal Husbandry	Z.04.D.3	2	-	1	-	42	70	58	4	E	-	-	-	-	-	-	-	-	-	70	4	58		
5	Animal Housing Constructions	Z.05.D.3	2	-	1	1	56	84	44	4	C	-	-	-	-	-	-	-	-	-	84	4	44		
6	Microbiology	Z.06.F.3	2	-	2	-	56	84	69	5	C	-	-	-	-	-	-	-	-	-	84	5	69		
7	Communication	Z.07.C.3	1	1	-	-	28	42	22	2	C	-	-	-	-	-	-	-	-	-	42	2	22		
8	Genetics 2	Z.08.F.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
9	Physiology 2	Z.09.F.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
10	Animal Reproduction 2	Z.10.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
11	Animal Genetic Improvement 1	Z.11.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
12	Zoohygiene and Animal Welfare	Z.12.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	C	84	4	44		
13	Animal Pathology and Sanitary-Veterinary Techniques	Z.13.D.4	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	C	84	4	44		
14	Practical Training	Z.14.S.4	-	-	-	-	-	-	-	-	-	-	-	2,14	-	60	60	15	3	C	60	3	15		
<b>TOTAL</b>			13	1	10	1	350	532	400	30	4E+3C	12	0	12	0	396	564	354	30	4E+3C	1096	60	754		
			<b>25</b>									<b>24</b>										39,14			
<b>FACULTATIVE Disciplines:</b>																									
1	Ethology	Z.01.D.3	1	-	2	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	56	3	0		
2	Pedagogy II (Theory and Methodology of Education, Evaluation Theory and Methodology)	DPPD.02.C.3	2	2	-	-	56	84	-	5	E	-	-	-	-	-	-	-	-	-	84	5	0		
3	Didactics of Specialization	DPPD.03.C.4	-	-	-	-	-	-	-	-	-	2	2	-	-	56	84	-	5	E	84	5	0		
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: Z-Animal Science or BA-Agricultural Biotechnologies or APA-Entrepreneurship in Food Production / no. of discipline order/ Discipline formative category: F - fundamental; C - complementary; D - in the field; S - speciality/ semester: 1-8			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	0,752	14	25	350	400			750	0,628	14	24	336	354									

**Advised DEAN,**  
 Prof. Ioan PETI Ph.D.  
 Date: 28.06.2023

U.L.S. "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
 University studies: **BACHELOR**  
 Domain: **Animal Science**  
 Study programme: **Animal Science**  
 Form of study: **Full-Time**  
 Duration of the study programme: **4 years/8 semesters**

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

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

**Curriculum**  
**3rd year, academic year 2023/2024**

No.	DISCIPLINE	Discipline Code	Semester 5 (14 weeks)										Semester 6 (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	Animal Nutrition and Feeding 1	Z.01.D.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
2	Animal Genetic Improvement 2	Z.02.D.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
3	Cuniculture, Fur and Game Farming	Z.03.S.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
4	Aquaculture	Z.04.S.5	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	84	5	69		
5	Biotechnologies in Animal Reproduction	Z.05.D.5	1	-	1	-	28	42	72	4	E	-	-	-	-	-	-	-	-	-	-	-	72		
6	Sericulture	Z.06.S.5	2	-	1	-	42	56	33	3	C	-	-	-	-	-	-	-	-	-	56	3	33		
7	Animal Nutrition and Feeding 2	Z.07.D.6	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	55	5	E	98	5	55		
8	Horse Production Technologies	Z.08.S.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
9	Apiculture	Z.09.S.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
10	Poultry Production Technologies 1	Z.10.S.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	84	5	69		
11	Marketing	Z.11.D.6	-	-	-	-	-	-	-	-	-	2	1	-	-	42	70	33	3	C	70	3	33		
12	Practical Training	Z.12.S.6	-	-	-	-	-	-	-	-	-	-	-	4,28	-	120	120	5	5	C	120	5	5		
-	<b>OPTIONAL disciplines I</b>	-	1	-	1	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	42	3	47		
-	<b>OPTIONAL disciplines II</b>	-	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
<b>TOTAL</b>			12	0	11	0	322	476	428	30	5E+2C	12	1	10,00	1	456	624	294	30	5E+2C	1058	56	722		
			23								24							37,78571							
<b>OPTIONAL Disciplines I (1 of 3):</b>																									
13	Accounting and Economic-Financial Analysis	Z.13.C.5	1	1	-	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	42	3	47		
14	Career Counseling and Guidance	Z.14.C.5	1	1	-	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	42	3	47		
15	Organizational Culture and Behaviour	Z.15.C.5	1	1	-	-	28	42	47	3	C	-	-	-	-	-	-	-	-	-	42	3	47		
<b>OPTIONAL Disciplines II (2 of 3):</b>																									
16	Artificial Insemination Technology	Z.16.D.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
17	Compound Feed Production Technology	Z.17.D.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
18	Ethics and Academic Integrity	Z.18.D.6	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	44	4	E	84	4	44		
<b>FACULTATIVE Disciplines:</b>																									
1	Equitation	Z.01.S.6	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	-	3	C	56	3	0		
2	Computer-assisted Training	DPPD.02.C.5	1	1	-	-	28	42	-	2	C	-	-	-	-	-	-	-	-	-	42	2	0		
3	Teaching Practice in the Compulsory Secondary Education (1)	DPPD.03.C.5	0	3	-	-	42	42	-	3	C	-	-	-	-	-	-	-	-	-	42	3	0		
4	Classroom Management	DPPD.04.C.6	-	-	-	-	-	-	-	-	-	1	1	-	-	28	42	-	3	E	42	3	0		
5	Teaching Practice in the Compulsory Secondary Education (2)	DPPD.05.C.6	-	-	-	-	-	-	-	-	-	0	3	-	-	36	36	-	2	C	36	2	0		
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: Z-Animal Science or BA-Agricultural Biotechnologies or APA-Entrepreneurship in Food Production / no. of discipline order/ Discipline formative category: F - fundamental; C - complementary; D - in the field; S - speciality/ semester: 1-8			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	0,899	14	23	322	428		750	0,471	14	24	336	294										

**Advised DEAN,**  
 Prof. Ioan PET Ph.D.  
 Date:28.06.2023

U.L.S. "King Mihai I" from Timișoara  
**Faculty of Bioengineering of Animal Resources**  
University studies: **BACHELOR**  
Domain: **Animal Science**  
Study programme: **Animal Science**  
Form of study: **Full-Time**  
Duration of the study programme: **4 years/8 semesters**

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

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

**Curriculum**  
**4th year, academic year 2023/2024**

No.	DISCIPLINE	Discipline Code	Semester 7 (14 weeks)									Semester 8 (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	Cattle Production Technologies 1	Z.01.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
2	Sheep and Goat Production Technologies 1	Z.02.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
3	Swine Production Technologies 1	Z.03.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
4	Poultry Production Technologies 2	Z.04.S.7	2	-	2	1	70	98	55	5	E	-	-	-	-	-	-	-	-	-	-	98	5	55
5	Animal Product Processing Technology 1	Z.05.S.7	2	-	2	-	56	84	69	5	E	-	-	-	-	-	-	-	-	-	-	84	5	69
6	Management	Z.06.D.7	2	-	-	2	56	84	69	5	C	-	-	-	-	-	-	-	-	-	-	84	5	69
7	Cattle Production Technologies 2	Z.07.S.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	80	6	E	-	98	6	80
8	Sheep and Goat Production Technologies 2	Z.08.S.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	80	6	E	-	98	6	80
9	Swine Production Technologies 2	Z.09.S.8	-	-	-	-	-	-	-	-	-	2	-	2	1	70	98	80	6	E	-	98	6	80
10	Animal Product Processing Technology 2	Z.10.S.8	-	-	-	-	-	-	-	-	-	2	-	2	-	56	84	69	5	E	-	84	5	69
11	Practical Training for DIPLOMA Project Drawing up	Z.11.S.8	-	-	-	-	-	-	-	-	-	-	-	2,14	-	60	60	15	3	C	-	60	3	15
-	<b>OPTIONAL disciplines</b>	-	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	E	-	70	4	58
<b>TOTAL</b>			12	0	10	3	350	518	400	30	5E+1C	10	0	9	3	368	508	382	30	4E+2C	1026	60	782	
			25									22										36,64		
-	<b>DIPLOMA EXAM</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	E	-	10	-	
<b>OPTIONAL Disciplines (1 of 2):</b>																								
12	Managing and Conserving Genetic Resources	Z.12.D.8	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	-	70	4	58
13	Traceability	Z.13.D.8	-	-	-	-	-	-	-	-	-	2	-	1	-	42	70	58	4	C	-	70	4	58
<b>FACULTATIVE Disciplines:</b>																								
1	Basics of Entrepreneurship / Starting a Business / Entrepreneurship	Z.01.C.7	1	2	-	-	42	56	-	3	C	-	-	-	-	-	-	-	-	-	-	56	3	0
2	Innovative Entrepreneurship / Entrepreneurship in Animal Husbandry / Entrepreneurial Design	Z.02.C.8	-	-	-	-	-	-	-	-	-	1	2	-	-	42	56	-	3	C	-	56	3	0
3	Driving 1	Z.03.C.7	1	-	2	-	42	56	-	2	C	-	-	-	-	-	-	-	-	-	-	56	2	0
4	Driving 2	Z.04.C.8	-	-	-	-	-	-	-	-	-	1	-	2	-	42	56	-	2	C	-	56	2	0
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: Z- Animal Science or BA-Agricultural Biotechnologies or APA-Entrepreneurship in Food Production / no. of discipline order/ Discipline formative category: F - fundamental; C - complementary; D - in the field; S - speciality/ semester: 1-8			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	0,772	14	25	350		400		750	0,752	14	22	308		382							

**Advised DEAN,**  
Prof. Ioan PEȚ Ph.D.

Date:28.06.2023