

University of Life Sciences "King Mihai I" from Timisoara  
 Faculty of Management and Rural Tourism  
 Domain: Engineering and management in agriculture and rural development  
 Study programme: Bioeconomy (English language)  
 Degree level: Master's degree  
 Study modes: FULL-TIME STUDY  
 Study period: 2 years / 4 semesters

**Approved RECTOR,**  
 Prof. dr. eng. Cosmin Alin Popescu

Date: ..... 2022

**Curriculum  
 for the 1st year of study, academic year 2022/2023**

No.	Course title	Code	1st Semester (14 weeks)								2nd Semester (14 weeks)								Total /year											
			C	S	L	P	Cv. H	CR.	I.S.	E.F.	C	S	L	P	Cv. H	CR.	I.S.	E.F.	Cv. H	CR.	I.S.									
1	Bioeconomy in the context of sustainable development	BE.01.DS.01	2	2			112	8	144	E															<b>112</b>	<b>8</b>	<b>144</b>			
2	Biotechnologies and their impact on bioeconomy	BE.02.DA.01	2		1		91	7	133	E															<b>91</b>	<b>7</b>	<b>133</b>			
3	Integrated management of agricultural and forestry resources and production	BE.03.DA.01	2		1		91	7	133	E															<b>91</b>	<b>7</b>	<b>133</b>			
4	Sustainable production technologies in agriculture	BE.04.DA.01	2		2		112	8	144	E															<b>112</b>	<b>8</b>	<b>144</b>			
5	Sustainable production technologies in agriculture	BE.05.DA.02									2		2		112	8	144	E							<b>112</b>	<b>8</b>	<b>144</b>			
6	Integrated management of aquatic resources and production	BE.06.DA.02									2		1		91	7	133	E							<b>91</b>	<b>7</b>	<b>133</b>			
7	Valorization of biological resources for green energy production and other bio-products	BE.07.DS.02									2		1		91	7	133	E							<b>91</b>	<b>7</b>	<b>133</b>			
8	Sustainable processing systems of agri-food bioresources from the perspective of food security	BE.08.DS.02									2			2	112	8	144	E							<b>112</b>	<b>8</b>	<b>144</b>			
<b>TOTAL</b>			8	2	4	0	<b>406</b>	<b>30</b>	<b>554</b>	<b>4E</b>	8	0	4	2	<b>406</b>	<b>30</b>	<b>554</b>	<b>4E</b>							<b>812</b>	<b>60</b>	<b>1108</b>			
			<b>14</b>								<b>14</b>																			
<small>Note: C - no. of course's hours/week; S - no. of seminar's hours / L - no. of hours for practical courses / laboratory /week; P - no. of project's hours/week; Cv h - conventional hours; CR - credits; I.S. - hour for individual study; E.F. - evaluation form: E - exam; C - colloquy, IE - intermediary evaluations; P - project; Programme code: BE/ order no. of course/ course's formative category; A - of deepening; S - of synthesis; 1-4 (ex. 1.0. for a course in the first semester; 0.2. for a course in the second semester; 1.2. for a course with hours in both semesters).</small>			Total hrs for activities/sem.	No hrs/ week	No hrs/ sem.	Didactic hrs/ week	Didactic hrs/ sem.	S.I. hrs/ week	S.I. hrs/ sem.		Total hrs for activities/sem.	No hrs/ week	No weeks/ sem.	Didactic hrs/ week	Didactic hrs/ sem.	S.I. hrs/ week	S.I. hrs/ sem.													
			<b>560</b>	40	14	<b>14</b>	196	26	<b>364</b>		<b>560</b>	40	14	<b>14</b>	196	26	<b>364</b>													

**DEAN**  
 Prof. dr. eng. Ioan BRAD  
 Date: 29.06.2022

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**Approved RECTOR,**  
 Prof. dr. eng. Cosmin Alin Popescu

Date: ..... 2022

**Curriculum  
 for the 2nd year of study, academic year 2022/2023**

No.	Course title	Code	3rd Semester (14 weeks)								4th Semester (14 weeks)								Total /year		
			C	S	L	P	Cv. H	CR.	I.S.	E.F.	C	S	L	P	Cv. H	CR.	I.S.	E.F.	Cv. H	CR.	I.S.
1	Expertise in bioeconomy product quality	BE.01.DS.03	2	-	2	-	112	8	144	E	-	-	-	-	-	-	-	-	112	8	144
2	Biobusiness	BE.02.DS.03	2	2	-	-	112	8	144	E	-	-	-	-	-	-	-	-	112	8	144
3	Economic and financial analysis in bioeconomy	BE.03.DA.03	1	1	-	-	56	4	72	E	-	-	-	-	-	-	-	-	56	4	72
4	Market, marketing and social acceptance of bioeconomy products	BE.04.DA.03	1	1	-	-	56	4	72	E	-	-	-	-	-	-	-	-	56	4	72
5	Policy and legislation in bioeconomy	BE.05.DS.03	1	1	-	-	56	4	72	E	-	-	-	-	-	-	-	-	56	4	72
6	Ethics and academic integrity	BE.06.DS.03	1	-	-	-	35	2	36	C	-	-	-	-	-	-	-	-	35	2	36
7	Practical training	BE.07.PR.04	-	-	-	-	-	-	-	-	-	-	-	7	147	15	277	VP	147	15	277
8	Scientific Research for the Preparation of the Diploma Paper	BE.08.CS.04	-	-	-	-	-	-	-	-	-	-	-	7	147	15	277	VP	147	15	277
9	Preparation of the diploma paper	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	0	0	10	0
<b>TOTAL</b>			8	5	2	0	427	30	540	5E+1 C	0	0	0	14	294	30	554	2VP	721 25,8	60 + 10	1094
<small>Note: C - no. of course's hours/spt; S - no. of seminar's hours / L - no. of hours for practical courses / laboratory /week; P no. of project's hours/week; Cv h - conventional hours; CR - credits; I.S.- hour for individual study; E.F. - evaluation form: E - exam; C - colloquy, IE - intermediary evaluations; P - project; Programme code: BE/ order no. of course/ course's formative category: A - of deepening; S - of synthesis; 1-4 (ex. 1.0. for a course in the first semester; 0.2. for a course in the second semester; 1.2. for a course with hours in both semesters).</small>			Total ore activitatii/ sem.	Nr. ore/ spt.	Nr. spt./sem.	Ore didactice/ spt.	Ore didactice /sem.	Ore S.I./ spt.	Ore S.I./sem.		Total ore activitatii/ sem.	Nr. ore/ spt.	Nr. spt./sem.	Ore didactice/ spt.	Ore didactice /sem.	Ore S.I./ spt.	Ore S.I./sem.				
			560	40	14	15	210	25	350		560	40	14	14	196	26	364				

**DEAN,**

Prof. dr. eng. Ioan BRAD

Date: 29.06.2022