

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

Data: 2025

**Curriculum
 for 1st year of study, university year 2025/2026**

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.DF.DOB.1	2		2		112	8,0	144	E										112	8,0	144
2	Sustainable production technologies in agriculture	BE.02.DS.DOB.1	2		2		112	8,0	144	E										112	8,0	144
3	Sustainable production technologies in agriculture	BE.03.DS.DOB.2									2		2		112	8,0	144	E		112	8,0	144
4	Valorization of biological resources for green energy production and other bio-products	BE.04.DS.DOB.2									2		1		91	7,0	133	E		91	7,0	133
5	Sustainable processing systems of agro-alimentary bioresources from food security perspective	BE.05.DS.DOB.2									2		2		112	8,0	144	E		112	8,0	144
	Disciplina OPȚIONALĂ 1		2		1		91	7,0	133	E										91	7,0	133
	Disciplina OPȚIONALĂ 2		2		1		91	7,0	133	E										91	7,0	133
	Disciplina OPȚIONALĂ 3										2		1		91	7,0	133	E		91	7,0	133
TOTAL			8	0	6	0	406	30	554	4E	8	0	4	2	406	30	554	4E		812	60	1108
Discipline OPȚIONALE																						
Pachet discipline opționale 1																						
6	Integrated management of agriculture and forestry resources and productions	BE.06.DS.DOP.1	2		1		91	7,0	133	E										91	7,0	133
7	Biotechnologies and their impact in bioeconomy	BE.07.DS.DOP.1	2		1		91	7,0	133	E										91	7,0	133
Pachet discipline opționale 2																						
8	Circular economy and entrepreneurship	BE.08.DS.DOP.1	2		1		91	7,0	133	E										91	7,0	133
9	Bioeconomy and regional development	BE.09.DS.DOP.1	2		1		91	7,0	133	E										91	7,0	133
10	Integrated management of aquatic resources and productions	BE.10.DS.DOP.2									2		1		91	7,0	133	E		91	7,0	133
11	Communicating for sustainability and responsible innovation	BE.11.DC.DOP.2									2	1			91	7,0	133	E		91	7,0	133
Discipline FACULTATIVE																						
12	Biostatistics	BE.12.DS.DFA.2									1		2		77	6,0	108	E		77	7,0	108
<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 hours for activities/sem.	No. hours/week	No. weeks/sem.	Teaching hours/ week	Teaching hours/ sem.	Hours for I.S./ week	Hours for I.S./ sem.		Total hours for activities/sem.	No. hours/week	No. weeks/sem.	Teaching hours/ week	Teaching hours/ sem.	Hours for I.S./ week	Hours for I.S./ sem.					
			560	40	14	14	196	26	364		560	40	14	14	196	26	364					

DEAN
 Assoc. Prof. dr. Mariana Ramona Ciolac
 Data: 08.07.2025

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Aproved RECTOR,
 Prof. dr. eng. Cosmin Alin Popescu

Data: 2025

**Curriculum
 for 2nd year of study, university year 2025/2026**

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 of the quality of bioeconomy products	BE.01.DS.DOB.3	2		1		112	6,0	108	E									112	6,0	108
2	Biobusiness	BE.02.DS.DOB.3	2		2		112	7,0	119	E									112	7,0	119
3	Economic and financial analysis in bioeconomy	BE.03.DF.DOB.3	1		1		56	5,0	97	E									56	5,0	97
4	Market, marketing and social acceptance of bioeconomy products	BE.04.DS.DOB.3	1		1		56	5,0	97	E									56	5,0	97
5	Policies and legislation in bioeconomy	BE.05.DS.DOB.3	1	1			56	5,0	97	E									56	5,0	97
6	Ethics and academic integrity	BE.06.DC.DOB.3	1				35	2,0	36	C									35	2,0	36
7	Practice	BE.07.DS.DOB.4											15		315	25,0	625	VP	315	25,0	625
8	Elaboration of the dissertation paper	BE.08.DS.DOB.4												60		5,0	65	A/R	0	5,0	65
9	Preparation of the dissertation paper	-																			10,0
TOTAL			8	1	5	0	427	30	554	5E+1C	0	0	15	0	315	30	690	1VP	742 26,5	60 + 10	1244
<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 activități/ sem.	Nr. ore/ spt.	Nr. spt./sem.	Ore didactice/ spt.	Ore didactice /sem.	Ore S.I./ spt.	Ore S.I./sem.		Total ore activități/ sem.	Nr. ore/ spt.	Nr. spt./sem.	Ore didactice/ spt.	Ore didactice /sem.	Ore S.I./ spt.	Ore S.I./sem.				
			560	40	14	14	196	26	364		560	40	14	15	210	25	350				

DEAN,
 Assoc. Prof. dr. Mariana Ramona Ciolac
 Data: 08.07.2025