



ROMANIA
"VASILE ALECSANDRI" UNIVERSITY OF BACAU
Faculty of Engineering

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Field of Study: Food Engineering

Study Programme: Science and Engineering of Organic Food Products

2023-2024 academic year

CURRICULUM
1st year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Modelling and simulation of industrial processes	6	W	1
2.	Processing of experimental data	4	W	1
3.	Organization and planning of research - development activities	9	W	1
4.	Ethics and academic integrity	2	O	1
5.	Superior resources valorisation	9	W	1
6.	Quality and safety of organic food products	6	W	2
7.	Conditioning modern methods of organic food products	6	W	2
8.	Organic food products traceability	5	W	2
9.	Green methods for the valorisation of the active principles in materials / vegetable sources	5	W	2
10.	Applicative research project 1	4	M	2
11.	Research practice (90 hours)	4	M	2

W – written exam

O – oral exam

M – midterm exam

Dean,
Assoc. Prof. Ph.D. Eng.
Mirela PANAINTE-LEHADUȘ

Head of Department,
Lecturer Ph.D. Eng. Econ.
Andrei-Ionuț SIMION



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CURRICULUM
2nd year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Ecological valorization of food industry by-products	6	W	3
2.	Integration of physicochemical processes into food, pharmaceutical and cosmetics industries	7	W	3
3.	Special techniques of processing for organic products	5	W	3
4.	Applications of nanomaterials in organic products valorisation	6	W	3
5.	Cyber resilience	2	O	3
6.	Applicative research project 2	4	M	3
7.	Research activity and design	10	M	4
8.	Practice for the elaboration of Master's degree	10	P/F	4
7.	Master's degree completion	10	M	4

W – written exam

O – oral exam

P/F – pass/fail

M – midterm exam

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