



”VASILE ALECSANDRI” UNIVERSITY OF BACAU
Faculty of Engineering
 Calea Mărășești, Nr. 157, Bacău, 600115, Tel./Fax +40 234 580170
<http://inginerie.ub.ro>; e-mail: decaning@ub.ro



Field: Sustainable Rural Development Engineering
Study programme: Engineering and Management in Food Service and Agritourism

2023-2024 academic year

CURRICULUM

1st year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Mathematical analysis	4	WO	1
2.	Linear algebra, analytic and differential geometry	4	WO	1
3.	Basics of management	5	O	1
4.	Chemistry	5	W	1
5.	Computer programming and programming languages 1	7	W	1
6.	Communication	2	O	1
7.	Materials science and engineering	3	W	1
8.	Physical education and sports 1	1	P/F	1
9.	English for engineering 1/ French for engineering 1	2	O	1
10.	Physics	4	WO	2
11.	Computer programming and programming languages 2	6	O	2
12.	Basics of marketing	4	W	2
13.	Community institutions, mechanisms and terminologies	5	W	2
14.	Physical education and sports 2	1	P/F	2
15.	English for engineering 2/ French for engineering 2	2	O	2
16.	Pedology, agro-technics, mechanization I	6	W	2
17.	General economics	2	O	2

W- written exam;

O – oral exam;

WO- written and oral exam;

P/F- pass/fail;

Dean, Programme Coordinator, Head of Department,
 Assoc. Prof. Ph.D. Eng. Mirela Panainte-Lehadus Prof. Ph.D. Eng. Valentin Nedeff Assoc. Prof. Ph.D. Eng. Claudia Tomozei



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2nd year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Natural resources	5	O	1
2.	Topography, cadaster and technical drawing	5	WO	1
3.	Ecology and environmental protection	6	O	1
4.	Financial	4	W	1
5.	English for engineering 3 /French for engineering 3	2	O	1
6.	Physical education and sports 3	1	P/F	1
7.	Pedology, agro-technics, mechanization II	6	WO	1
8.	Computer-aided graphics	4	O	1
9.	Ecology	4	WO	1
10.	Hotels techniques	5	W	2
11.	Rural engineering	5	W	2
12.	English for engineering 4 /French for engineering 4	2	O	2
13.	Production Management	4	W	2
14.	Innovative technologies in agritourism 1	3	W	2
15.	Training on domain (3 weeks x 30 hours)	5	O	2

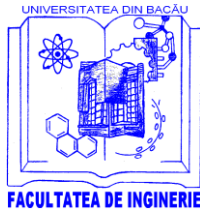
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CURRICULUM

3rd year of study

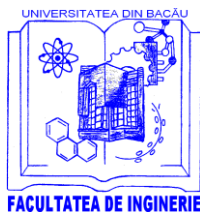
No	Subject	Number of ECTS credits	Examination form	Semester
1.	Processing of agricultural products	6	W	1
2.	Rural tourism, agritourism and ecotourism	4	W	1
3.	Waste management	5	W	1
4.	Traditional food technologies	5	O	1
5.	Innovative technologies in agritourism 2	5	O	1
6.	Merchandising in food service and agritourism	5	O	1
7.	Project management in food service and agritourism	3	O	2
8.	Plant and animal agricultural technologies	5	WO	2
9.	Technological equipment I	4	W	2
10.	Agritourism buildings	4	W	2
11.	Human resources management	4	O	2
12.	Agritourism law	4	W	2
13.	Specialized training (3 weeks x 30 hours)	5	O	2

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4th year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1	Principles and methods of food preservation	5	WO	1
2.	Consumer behavior and protection	5	W	1
3.	Technological equipment II	4	WO	1
4.	Environmental monitoring	5	W	1
5.	Culinary techniques and pastry products	5	O	1
6.	Investment efficiency	6	W	1
7.	Traditional industries	4	O	1
8.	Management in in food service and agritourism	2	O	2
9.	Rural development	4	W	2
10.	Entrepreneurship	2	O	2
11.	User safety and protection in the digital environment	1	O	2
12.	Technology and utilization of beverages	4	W	2
13.	Ergonomics	5	W	2
14.	Agritourism development of the territory	3	W	2
15.	Preparing the Bachelor final project	4	O	2
16.	Training for Bachelor final project (2 weeks x 30 hours)	5	O	2

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