

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



Field: Mechanical Engineering

Study programme: Management of Process Equipment Operation

2023-2024 academic year

CURRICULUM

1st year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Modeling and simulation of industrial processes	5	W	1
2.	Processing of experimental data	6	W	1
3.	Research and development management	8	W	1
4.	Resources valorization	8	W	1
5.	Ethics and academic integrity	3	O	1
6.	Industrial process optimization	5	W	2
7.	Industrial process equipment management and optimization	5	W	2
8.	Modern industrial product development methods	5	W	2
9.	Competitive industrial structures	5	W	2
10.	Circular economy management	2	O	2
11.	Applicative research project 1	4	P	2
12.	Research training (90 hours)	4	P	2

PW- written exam;

O – oral exam;

WO- written and oral exam;

P – partial exam.

Dean,

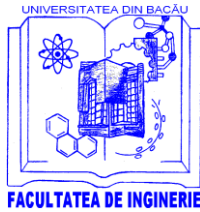
Assoc. Prof. Ph.D. Eng. Mirela Panainte-Lehadus

Programme Coordinator,

Prof. Ph.D. Eng. Luminita Bibire

Head of Department,

Assoc. Prof. Ph.D. Eng. Claudia Tomozei



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Field: Mechanical Engineering

Study programme: Management and Optimization of Process Equipment

2023-2024 academic year

CURRICULUM

2nd year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1	Optimization of process equipment operation	5	W	1
2.	Cyber resilience	2	O	1
3.	Assessment of remaining lifetime	7	W	1
4.	Unconventional equipment and technologies for process industries	6	W	1
5.	Industrial risk management	6	W	1
6.	Applicative research project 2	4	P	1
7.	Research and design	10	P	2
8.	Training for Master's degree final project preparation	10	P/F	2
9.	Master's degree final project	10	P	2

W- written exam;

O – oral exam;

WO- written and oral exam;

P/F- pass/fail;

P – partial exam.

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