

“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 of study: Computers and Information technology
 Study programme: Information technology applied in industry

2023/2024 academic year

CURRICULUM

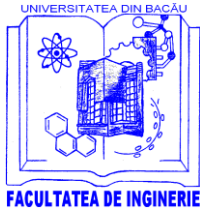
1st year of study

No.	Discipline	Number of ECTS credits	Examination form	Semester
1.	Modelling and Simulation of Industrial Processes	6	W	1
2.	Processing of Experimental Data	6	W	1
3.	Organization and Planning of the Research-Development Activities	8	W	1
4.	Resources Valorisation	8	W	1
5.	Ethics and Academic Integrity	2	C	1
6.	Smart systems of measurement and control	6	W	2
7.	Advanced programming of controllers	6	W	2
8.	Advanced architectures of computer systems	5	W	2
10.	Multimedia technologies	5	W	2
11.	Applied research project 1	4	P	2
12.	Research practice (90 ore)	4	P	2

C- Colloquium
 W- written exam
 O – oral exam
 P – partial exam
 P/F- pass/fail

Dean,
 Assoc. Prof. Ph.D. Eng. Panainte-Lehăduș Mirela

Head of department,
 Prof. Ph.D. Eng. Culea George



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2nd year of study

No.	Discipline	Number of ECTS credits	Examination form	Semester
1.	Systems with industrial nuanced logic	7	W	1
2.	Security of IoT systems	7	W	1
3.	Real-time applications for electric drive systems	6	W	1
4.	Advanced solutions of cryptography and information security	5	W	1
5.	Immersive Technologies	1	C	1
6.	Applicative Research Project 2	4	P	1
7.	Research and Design	10	P	2
8.	Practice for Master's degree Final Project Preparation	10	P/F	2
9.	Master's Degree Final Project Preparation	10	P	2

C- Colloquium

W- written exam

O – oral exam

P – partial exam

P/F- pass/fail

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