

ROMANIA
MINISTRY OF NATIONAL EDUCATION
'VASILE ALECSANDRI' UNIVERSITY OF BACAU
Faculty of Engineering
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Field of Study: Chemical Engineering
Study Programme: Chemistry of Bioactive Molecules: Production, Valorization, Control and Quality Assurance

2018-2019 academic year

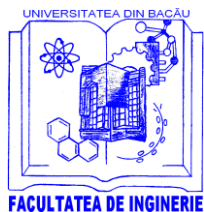
CURRICULUM
1st tear of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Modeling and simulation of industrial processes	6	W	1
2.	Processing of experimental data	4	W	1
3.	Research and development management	9	W	1
4.	Ethics and academic integrity	2	O	1
5.	Resources valorization	9	W	1
6.	Natural compounds: extraction and valorization in food, pharmaceutical and cosmetics industries	6	W	2
7.	Modern methods of instrumental analysis used in food, pharmaceutical and cosmetics industries	6	W	2
8.	Separation products engineering – applications in food, pharmaceutical and cosmetics industries	5	W	2
9.	Modern bioresource manufacturing technologies in food, pharmaceutical and cosmetics industries	5	W	2
10.	Applicative research project 1	4	M	2
11.	Research training (90 hours)	4	M	2

W- written exam
O – oral exam
M – midterm exam

Dean,
Prof. Ph.D. Eng. Valentin Zichil

Head of Department,
Lecturer Ph.D.Eng. Andrei Ionuț Simion



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2018-2019 academic year

CURRICULUM
2nd year of study

No	Subject	Number of ECTS credits	Examination form	Semester
1.	Advanced organic synthesis	7	W	3
2.	Intensive processes in ecological manufacturing	7	W	3
3.	Analysis of the structure-biological activity relationship	6	W	3
4.	Formulation and quality assurance strategies	6	W	3
5.	Applicative research project 2	4	M	3
6.	Research and design	10	M	4
7.	Training for Master's degree final project preparation	10	P/F	4
8.	Master's degree final project preparation	10	M	4

W- written exam
M – midterm exam
P/F – pass/fail

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