

CURRICULUM **
Year of study I

Code	Disciplines*	Type	Sem. I [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0239	Inorganic Compounds Reactivity and Structure	THD	2	1	-	-	42	Cv	7	133	
STII-0780	Fundamental processes in organic synthesis	AKD	2	1	-	-	42	Ex	7	133	
STII-0658	Kinetics of complex reactions	SYD	2	1	1	-	56	Ex	7	119	
STII-0781	High Performance Chromatography Techniques	AKD	2	-	2	-	56	Ex	7	119	
STII-0766	Ethics and integrity in scientific research	SYD	1	-	-	-	14	Cv	2	36	
	TOTAL		9	3	3	-	210		30	540	

Code	Disciplines*	Type	Sem. II [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0221	Technological chemistry	THD	2	-	1	-	42	Ex	7	133	
STII-0250	Enzyme Kinetic	THD	2	-	1	-	42	Ex	7	133	
STII-0247	Biocatalyst	SYD	2	-	2	-	56	Ex	8	144	
STII-0236	Spectral methods of analysis	SYD	2	-	2	-	56	Ex	8	144	
	TOTAL		8	-	6	-	196		30	554	

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;
THD - Thoroughgoing Disciplines; SYD - Synthesis Disciplines; AKD - Advanced Knowledge Disciplines; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.
Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

Head of departament ,
Associate Professor Dr. Oana Delia STĂNĂȘEL

RECTOR,
Professor Dr. BUNGĂU Constantin

DEAN,
Professor Dr. MACOCIAN Eugen-Victor

CURRICULUM **
Year of study II

Code	Disciplines*	Type	Sem. III [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0228	Inorganic technical compounds	THD	2	-	1	-	42	Ex	8	158	
STII-0229	Organic technical compounds	THD	2	-	1	-	42	Ex	8	158	
STII-0418	Environmental depollution techniques	SYD	2	-	2	-	56	Ex	8	144	
STII-0238	Research practice	SYD	-	-	4	-	56	Cv	6	94	
	TOTAL		6	-	8	-	196		30	554	

Code	Disciplines*	Type	Sem. IV [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0782	Corrosion and corrosion protection	AKD	2	-	1	-	36	Ex	6	114	
STII-0201	Trace chemical analysis	THD	2	-	1	-	36	Ex	6	114	
STII-0637	Preparing the dissertation	SYD	-	-	2	-	24	A/R	8	176	
	TOTAL		4	-	4	-	96		20	404	
	OBLIGATORII OPD'Z'IONALE										
	PACHET 1										
STII-0252	Experimental Data presentation and processing(O)	SYD	2	-	2	-	48	Ex	7	127	
STII-0245	Control and analysis methods evaluation validation	SYD	2	-	2	-	48	Ex	7	127	
	PACHET 2										
STII-0230	Quality control	SYD	1	-	1	-	24	Cv	3	51	
STII-0237	Lab Accreditation	SYD	1	-	1	-	24	Cv	3	51	
	TOTAL		3	-	3	-	72		10	178	

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VIII. DISTRIBUTION OF CREDITS ACCORDING TO COMPETENCES (TABLES NRQHE /ARACIS - Grid 1 *)

No.	Discipline**	Sem.	Number of credits	Professional Competences						Transversal Competences		
				C1	C2	C3	C4	C5	C6	CT1	CT2	CT3
1.	Inorganic Compounds Reactivity and Structure	I	7	2	1	1	1			1	1	
2.	Fundamental processes in organic synthesis	I	7	2	1		1			1	1	1
3.	Kinetics of complex reactions	I	7	2		1	1			1	1	1
4.	High Performance Chromatography Techniques	I	7	1	1	1	1			1	1	1
5.	Ethics and integrity in scientific research	I	2						1	1		
6.	Technological chemistry	II	7	1	1	2	1			1	1	
7.	Enzyme Kinetic	II	7	1	2	1	1			1	1	
8.	Biocatalyst	II	8	1	1	1	1			2	1	1
9.	Spectral methods of analysis	II	8	2	2	1	1				1	1
10.	Inorganic technical compounds	III	8	2	1	2	1			1		1
11.	Organic technical compounds	III	8	1	1	2	1			1	1	1
12.	Environmental depollution techniques	III	8	1	1	1	1			2	1	1
13.	Research practice	III	6			1	1			2	1	1
14.	Corrosion and corrosion protection	IV	6	1	1	1	1			1	1	
15.	Trace chemical analysis	IV	6	1	1	1	1			1		1
16.	Preparing the dissertation	IV	8	1	1	1	1			1	1	2
17.	Experimental Data presentation and processing(O)	IV	7			2	1			2	1	1
18.	Control and analysis methods evaluation validation	IV	7	1	1	1	1			1	1	1
19.	Quality control	IV	3	1	1	1						
20.	Lab Accreditation	IV	3	1	1	1						

Legendă: C1 până la C6 - Competențe profesionale; CT1 până la CT3 - Competențe transversale

* Se va utiliza Grila 1 (G1) care prezintă variantele: G1L și G1M corepunzătoare ciclurilor de studii de licență și masterat, în conformitate cu Ordinul MECS nr. 5703 / 18.10.2011.

** Se vor trece toate disciplinele din Planul de învățământ