

CURRICULUM FOR THE SECOND YEAR OF STUDIES

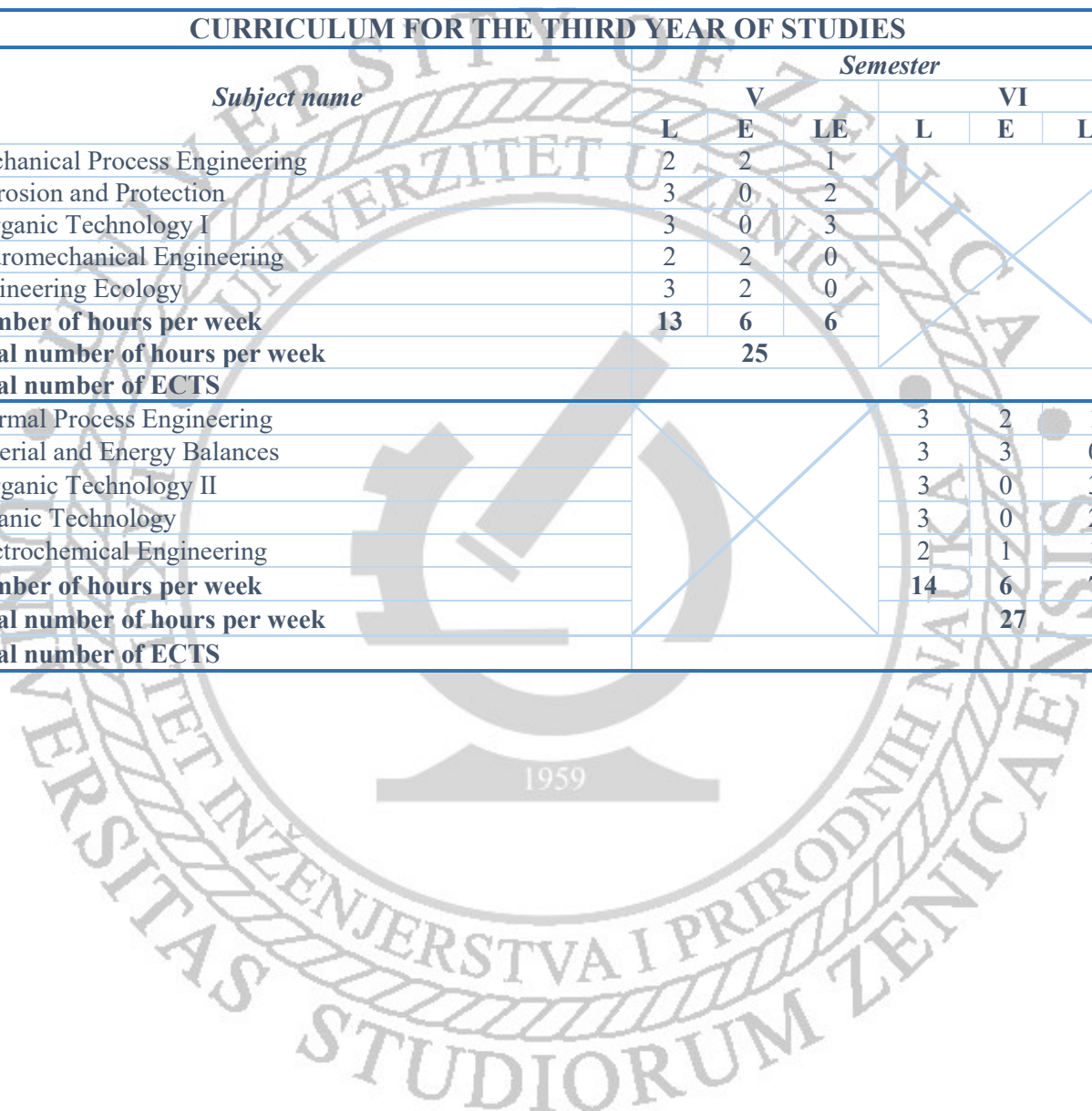
<i>Subject code</i>	<i>Subject name</i>	<i>Semester</i>						<i>ECTS</i>
		<i>III</i>			<i>IV</i>			
		<i>L</i>	<i>E</i>	<i>LE</i>	<i>L</i>	<i>E</i>	<i>LE</i>	
02K05-096	Physical Chemistry I	2	2	2				6
02K05-001	Analytical Chemistry I	2	0	3				6
02K05-099	Instrumental Test Methods	3	0	2				5
04K02-070	Numerical and Statistical Methods in Engineering	2	2	0				4
02K10-007	Heat Transfer	2	1	1				4
04K06-014	Material production technology I	2	0	1				5
	Number of hours per week	13	5	9				
	Total number of hours per week	27						
	Total number of ECTS							30
02K05-101	Chemical Engineering thermodynamics				3	2	0	6
02K05-003	Analytical Chemistry II				3	0	3	7
02K05-103	Physical Chemistry II				3	2	2	7
02K05-097	Organic Chemistry				2	2	2	6
02K09-055	Material production technology II				2	2	0	3
	Elective group of non-technical subjects				2	0	0	1
	Number of hours per week				15	8	7	
	Total number of hours per week				30			
	Total number of ECTS							30

ELECTIVE GROUP OF NON-TECHNICAL SUBJECTS

<i>Subject code</i>	<i>Naziv predmeta</i>	<i>Semester</i>	<i>L</i>	<i>E</i>	<i>LE</i>	<i>ECTS</i>
04K39-074	Philosophy of science	IV	2	0	0	1
04K40-056	Media culture	IV	2	0	0	1
06K21-060	Entrepreneurship	IV	2	0	0	1
04K01-036	Sports	IV	2	0	0	1
04K03-965	Basics of technical English	IV	2	0	0	1
08K24-105	Introduction to gender equality	IV	2	0	0	1

CURRICULUM FOR THE THIRD YEAR OF STUDIES

<i>Subject code</i>	<i>Subject name</i>	<i>Semester</i>						<i>ECTS</i>
		<i>V</i>			<i>VI</i>			
		<i>L</i>	<i>E</i>	<i>LE</i>	<i>L</i>	<i>E</i>	<i>LE</i>	
02K09-003	Mechanical Process Engineering	2	2	1				6
02K05-019	Corrosion and Protection	3	0	2				6
02K05-025	Inorganic Technology I	3	0	3				7
02K05-032	Hydromechanical Engineering	2	2	0				5
02K10-020	Engineering Ecology	3	2	0				6
	Number of hours per week	13	6	6				
	Total number of hours per week		25					
	Total number of ECTS							30
02K05-031	Thermal Process Engineering				3	2	1	7
02K05-023	Material and Energy Balances				3	3	0	6
02K05-026	Inorganic Technology II				3	0	3	6
02K05-029	Organic Technology				3	0	2	6
02K05-104	Electrochemical Engineering				2	1	1	5
	Number of hours per week				14	6	7	
	Total number of hours per week					27		
	Total number of ECTS							30



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ELECTIVE GROUP OF TECHNICAL SUBJECTS

<i>Subject code</i>	<i>Subject name</i>	<i>Semester</i>	<i>L</i>	<i>E</i>	<i>Le</i>	<i>ECTS</i>
02K10-017	Coking technology	VII/VIII	2	1	1	5
02K09-009	Processes in the production of binders	VII	2	1	1	5
02K09-015	Pigments and fillers	VIII	2	1	1	5
02K08-022	Microstructures of metallic materials	VII/VIII	2	1	1	5
02K08-018	Composite materials	VII/VIII	2	1	1	5
02K09-030	Structure and properties of ceramic materials	VII/VIII	2	1	1	5
02K09-020	Construction ceramics	VIII	2	1	1	5
02K09-023	Measurement and process management in the non-metal industry	VII/VIII	2	1	1	5
02K05-108	Organic coatings	VII/VIII	2	1	1	5

