Year	Sem	Subject name	Weekly number of hours				ECTS
			Lecture	Tutorial	Labwork	Project	
First Year Compulsory subjects							
		Basic Subjects					
1	1	Calculus I	2	1			4
1	1	Linear Algebra, analytical and differential geometry	2	1			4
1	1	Chemistry I	2		3		5
1	1	Chemistry II	3	2			5
		Basic Engineering Courses					
1	1	Applied Informatics	2		1		3
1	1	Computer Aided Graphics	1		1		3
		Humanities and Social Sciences					
1	1	Essential Professional Skills for Engineers – intermediate		2			2
1	1	European Culture and Civilization I		2			2
1	1	Physical Education I		1			2
		Compulsory subjects					
		Basic Subjects					
1	2	Calculus II	2	1			4
1	2	Physics I	2		1		4
1	2	Inorganic Chemistry	2	2	2		5
1	2	Analytical Chemistry and Instrumental Analysis	2		2		4
1	2	Chemistry III	2	1			4
		Basic Engineering Courses					
1	2	Programming Languages	1		1		3
1	2	Mechanics	1	1			2
		Humanities and Social Sciences					2
1	2	Essential Professional Skills for Engineers – upper intermediate		2			2

1	2	Physical Education II		1			2
Second Year Compulsory subjects							
		Basic Subjects					
2	1	Probabilities Theory & Mathematical statistics	1	1			2
2	1	Physics II	2		1		4
2	1	Physical Chemistry I	2	2	2		7
2	1	Organic Chemistry I	3	2			6
		Basic Engineering Courses					
2	1	Strength of Materials I	2	1			4
2	1	Electrotechnics and Electronics	2		1		3
		Humanities and Social Sciences					
2	1	Advanced Writing Skills for Engineers		2			2
		Economics					
2	1	Management and marketing I	1	1			2
		Compulsory subjects					
		Basic Subjects					
2	2	Physical Chemistry II	3	2	2		8
2	2	Organic Chemistry II	3	2	2		8
		Basic Engineering Courses					
2	2	Organic Chemistry III	2		2		7
2	2	Numerical Methods	2		2		3
		Humanities and Social Sciences					
2	2	Advanced Oral Skills for Engineers		2			2
		Economics					
2	2	Management and marketing II	1	1			2
Third Year Compulsory subjects							
		Basic Engineering Courses					
3	1	Transfer Processes	2	1	1		5
3	1	Materials Science I	3		2		5
		Specialties					
3	1	Electrochemistry and corrosion	2		2		4
		Organic Chemistry IV	2		2		5

3	1	Reaction Mechanisms	2	1			4
3	1	Organic Chemistry Technology I	2		2		5
		Economics					
3	1	Management and marketing III	1	1			2
		Compulsory subjects					
		Basic Engineering Courses					
3	2	Materials Science II	3		2		4
		Specialties					
3	2	Inorganic products	2	1			2
3	2	Biochemistry	2		2		3
3	2	Organic Chemistry Technology II	2		1		3
3	2	Organic Chemistry Technology II - Project				1	1
3	2	Macromolecular Compounds I	3		2		4
3	2	Hydrodynamic and Thermal Operations	2		1		3
3	2	Practical Workshop					8
		Economics					
3	2	Management and marketing IV	1	1			2
Fourth Year Compulsory subjects							
		Basic Engineering Courses					
4	1	Mass transfer operations	2	1	1		5
4	1	Mass transfer operations - Project				1	1
4	1	Macromolecular Compounds II	3			1	5
		Economics					
4	1	Management and marketing V	1	1			2
		Optional Subjects					
		Specialty A – Organic Chemistry**)					
4	1	Chemistry and Technology of Pesticides	2		2		5
4	1	Chemistry and Technology of Cosmetic Products	2		1		3
4	1	Synthetic Drugs	2		2		5
4	1	Dyes and Pigments	2		2		4
		Specialty B – Polymer Science**)					

4	1	Polymer Physics	3		2		6
4	1	Technologies of Polymer Synthesis	3		3		6
4	1	Biopolymers and Biocomposites	2		2		5
		Compulsory subjects					
		Basic Engineering Courses					
4	2	Modelling and Design of Chemical Reactors	2	1		1	6
4	2	Diploma Project				4	4
4	2	Internship for the development of the diploma project (60h)					2
		Economics					
4	2	Management and marketing VI	1	1			2
		Optional Subjects					
		Specialty A – Organic Chemistry**)					
4	2	Petrochemical and Carbochemical Technologies	2		1		3
4	2	Tensioactive Compounds	2		2		4
4	2	Catalysis in Organic and Petrochemical Industry	2		2		4
4	2	Natural Products	2		1		3
4	2	Depollution in Organic and Petrochemical Industries	2				2
		Specialty B – Polymer Science**)					
4	2	Polymer Processing	3		2		5
4	2	Industrial Polymeric Materials	3		2		5
4	2	Adhesives and surface coatings	2		1		3
4	2	Polymer Recycling	2		1		3