

PLANUL DE INVATAMANT al PROGRAMULUI DE STUDIU INGINERIE CHIMICA in LIMBA ENGLEZA

Codul disciplinei	F/D/S/C	Obi=O / Opt=A / Fac=L	An	Sem	Denumire	E/V	C	S	L	P	Credite	
UPB.12.F.1.O.001.EC	F	O	1	1	Calculus I	E	3	1			5	
UPB.12.F.1.O.002.EC	F	O	1	1	Linear Algebra	E	2	1			4	
UPB.12.F.1.O.032.EC	F	O	1	1	Inorganic Chemistry I	E	3	2			5	
UPB.12.D.1.O.034.EC	F	O	1	1	Analytical Chemistry I	E	2		3		4	
UPB.12.T.1.O.021.EC	F	O	1	1	Introduction to Information Technology	E	1		2		3	
UPB.12.T.1.O.023.EC	F	O	1	1	Engineering Graphics I	V	1		1		3	
UPB.12.U.1.O.001.EC	C	O	1	1	Professional communication	V		2			2	
UPB.12.U.1.O.002.EC	C	O	1	1	European Culture and Civilisation I	V	1	1			2	
UPB.12.U.1.A.002.EC	C	A	1	1	Physical education I	V		2			2	
TOTAL							13	9	6		30	28 ore
UPB.12.C.1.L.005.EC	C	L	1	1	English for Engineering Academic Study 1	V	1	1			2	
UPB.12.U.1.L.003.EC	C	L	1	1	Limba si cultura romana (pentru straini)	V		2			2	
UPB.12.U.1.A.001.EC	C	L	1	1	Foreign language b (Spanish Language)	V		2			2	
UPB.12.F.2.O.001.EC	F	O	1	2	Calculus II	E	3	1			6	
UPB.12.F.2.O.011.EC	F	O	1	2	Physics I	E	2		1		5	
UPB.12.F.2.O.032.EC	D	O	1	2	Inorganic Chemistry II	E	2	2	2		4	
UPB.12.F.2.O.034.EC	D	O	1	2	Analytical Chemistry II	E	2		2		3	
UPB.12.F.2.O.042.EC	F	O	1	2	Programming languages	V	1		1		3	
UPB.12.T.2.O.001.EC	D	O	1	2	Transition Metals Chemistry	E	2	1			3	
UPB.12.T.2.O.012.EC	F	O	1	2	Theoretical Mechanics	V	1	1			2	
UPB.12.S.2.O.001.EC	D	O	1	2	Collaborative Work	V		2			2	
UPB.12.U.2.O.002.EC	C	O	1	2	European Culture and Civilisation II	V	1	1			2	
TOTAL							14	8	6		30	28 ore
UPB.12.C.2.L.005.EC	C	L	1	2	English for Engineering Academic Study 2	V	1	1			2	
UPB.12.U.2.L.003.EC	C	L	1	2	Limba si cultura romana (pentru straini)	V		2			2	
UPB.12.U.2.L.004.EC	C	L	1	2	Pedagogie I	V	2	2			5	
UPB.12.U.2.A.001.EC	C	L	1	2	Foreign language b (Spanish Language)	V		2			2	

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UPB.12.F.3.O.002.EC	F	O	2	3	Probabilities & Statistics	V	1	1			2	
UPB.12.F.3.O.011.EC	F	O	2	3	Physics II	E	2		1		4	
UPB.12.F.3.O.031.EC	D	O	2	3	Physical Chemistry I	E	3	2			5	
UPB.12.F.3.O.032.EC	D	O	2	3	Physical Chemistry I Lab	V	0		2		2	
UPB.12.F.3.O.033.EC	D	O	2	3	Organic Chemistry	E	3	1	2		6	
UPB.12.T.3.O.001.EC	D	O	2	3	Strength of Materials I	E	2	1			4	
UPB.12.T.3.O.002.EC	D	O	2	3	Electrical Engineering I	C	2		1		3	
UPB.12.S.3.O.001.EC	D	O	2	3	Collaborative Work	C		2			2	
UPB.12.E.3.O.001.EC	C	O	2	3	Microeconomics	C	1	1			2	
TOTAL							14	8	6		30	28 ore
UPB.12.U.3.L.002.EC	C	L	2	3	Limba si cultura romana (pentru straini)	V		2			2	
UPB.12.U.3.L.004.EC	C	L	2	3	Pedagogie II	V	2	2			5	
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UPB.12.F.4.O.031.EC	D	O	2	4	Physical Chemistry II	E	3	2			6	
UPB.12.F.4.O.032.EC	D	O	2	4	Physical Chemistry II Laboratory	V			2		4	
UPB.12.F.4.O.033.EC	D	O	2	4	Organic Chemistry II	E	3	1	2		7	
UPB.12.T.4.O.001.EC	S	O	2	4	Instrumental analysis in organic chemistry	E	2		2		6	
UPB.12.T.4.O.023.EC	F	O	2	4	Numerical methods	C	2		2		3	
UPB.12.S.4.O.001.EC	D	O	2	4	Technical writing	C		2			2	
UPB.12.E.4.O.001.EC	C	O	2	4	Macroeconomics	C	1	1			2	
TOTAL							11	6	8		30	25 ore
UPB.12.U.4.L.002.EC	C	L	2	4	Limba si cultura romana (pentru straini)	V		2			2	

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UPB.12.F.5.O.033.EC	D	O	3	5	Organic Chemistry III	E	2		2		4	
UPB.12.T.5.O.001.EC	D	O	3	5	Transport Processes	E	3	1	2		6	
UPB.12.T.5.O.002.EC	D	O	3	5	Organic and Composite Materials	E	3		2		5	
UPB.12.T.5.O.003.EC	D	O	3	5	Electrochemistry	E	2		2		4	
UPB.12.T.5.O.004.EC	S	O	3	5	Reaction Mechanisms	E	2	1			4	
UPB.12.T.5.O.005.EC Orga	S	O	3	5	Organic Technologies I	E	2		2		5	
UPB.12.M.5.O.041.EC	C	O	3	5	Money and Banking	V	1	1			2	
TOTAL							15	3	10		30	28 ore
UPB.12.T.6.O.001.EC	S	O	3	6	Inorganic Industrial Chemistry	V	2	1			2	
UPB.12.T.6.O.002.EC	D	O	3	6	Biochemistry	E	2		2		3	
UPB.12.T.6.O.003.EC	S	O	3	6	Organic Technologies II	E	2		2	1	4	
UPB.12.T.6.O.004.EC	S	O	3	6	Oxide and Metallic Materials	E	3		2		4	
UPB.12.T.6.O.005.EC	S	O	3	6	Macromolecular Compounds I	E	3		2		5	
UPB.12.T.6.O.006.EC Unit	D	O	3	6	Unit Operations I	E	2	1	1		4	
UPB.12.S.6.O.007.EC	D+S	O	3	6	Practical Workshop	V					6	
UPB.12.M.6.O.041.EC	D	O	3	6	Business Administration	V	1	1			2	
TOTAL							15	3	9	1	30	28 ore

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UPB.12.T.7.O.001.EC	D	O	4	7	Unit Operations II	E	3	1	1	1	6	
UPB.12.T.7.O.002.EC	S	O	4	7	Macromolecular Compounds II	E	3		1		5	
UPB.12.M.7.O.041.EC	D	O	4	7	Fundamentals of Management	V	1	1			2	
UPB.12.S.7.A.101.EC	S	A	4	7	Polymer Physics	E	3		3		6	
UPB.12.S.7.A.102.EC	S	A	4	7	Technologies of Polymer Synthesis	E	3		3		6	
UPB.12.S.7.A.103.EC	S	A	4	7	Biopolymers and Biocomposites	E	2		2		5	
TOTAL							15	2	10	1	30	28 ore
UPB.12.S.7.A.201.EC	S	A	4	7	Pesticides	E	2				3	
UPB.12.S.7.A.202.EC	S	A	4	7	Stereochemistry	E	2	1			3	
UPB.12.S.7.A.203.EC	S	A	4	7	Drugs	E	2				2	
UPB.12.S.7.A.204.EC	S	A	4	7	Fine Organic Syntheses	V			5		5	
UPB.12.S.7.A.205.EC	S	A	4	7	Dyes	E	2		2		4	
TOTAL							15	3	9	1	30	28 ore
UPB.12.S.8.O.002.EC	S	O	4	8	Chemical Reactors	V	3	2		1	6	
UPB.12.S.8.O.007.EC	S	O	4	8	Diploma Project Chemistry	V				4	10	
UPB.12.M.8.O.041.EC	D	O	4	8	Industrial Management	V	1	1			2	
UPB.12.S.8.A.101.EC	S	A	4	8	Polymer Processing	V	3		2		4	
UPB.12.S.8.A.102.EC	S	A	4	8	Industrial Polymer Materials	V	3		2		3	
UPB.12.S.8.A.103.EC	S	A	4	8	Adhesives, Paints and Putties	V	2		1		3	
UPB.12.S.8.A.104.EC	S	A	4	8	Polymer Recycling	V	2		1		2	
TOTAL							14	3	6	5	30	28 ore
UPB.12.S.8.A.201.EC	S	A	4	8	Petrochemical and Carbochemical Technologies	V	2		1		2	
UPB.12.S.8.A.202.EC	S	A	4	8	Tensioactive Compounds	V	2		2		3	
UPB.12.S.8.A.203.EC	S	A	4	8	Industrial Organic Catalysis	V	2		2		3	
UPB.12.S.8.A.204.EC	S	A	4	8	Natural Products	V	2		1		2	
UPB.12.S.8.A.205.EC	S	A	4	8	Pollution and Depollution in Organic Technology	V	2				2	
TOTAL							14	3	6	5	30	28 ore