

TITLE	Course type/exam type	Suggested semester (hour/week)				ECTS	Prerequisite	Instructor-in-charge
		1	2	3	4			
Obligatory courses		1	2	3	4			
Molecular biology	lect/mark	2				3	dr. Putnoky Péter	
Bioinformatics	lect/mark		2			3	dr. Putnoky Péter	
Numerical methods I.	lect/oral		2			3	dr. Király Balázs	
Numerical methods I. practice	pract/mark		2			2	dr. Király Balázs	
Theoretical chemistry	lect/oral	2				3	dr. Kégl Tamás	
Coordination chemistry	lect/oral	5				6	dr. Kégl Tamás	
Physical chemistry IV. lect.	lect/oral	2				3	dr. Lente Gábor	
Colloid chemistry	lect/oral	2				3	dr. Kovács Barna	
Analytical chemistry III. lect.	lect/oral		3			4	dr. Felinger Attila	
Physical chemistry V. lect.	lect/oral		2			3	dr. Lente Gábor	
Physical chemistry V. seminar	sem/mark		2			2	dr. Lente Gábor	
Homogeneous catalysis	lect/oral		2			3	dr. Kégl Tamás	
Organic chemistry III. lect.	lect/oral		3			4	dr. Kálai Tamás	
Organic chemistry III. lab.	pract/mark			4		5	Organic chemistry III. lect. dr. Kálai Tamás	
Analytical chemistry special lab. practice	pract/mark				4	5	Analytical chemistry III. lect. dr. Kiss Ibolya	
Physical chemistry V. lab.	pract/mark				4	5	Physical chemistry V. lect. dr. Kovács Barna	
Chemometrics II. lect.	lect/oral	3				4	dr. Felinger Attila	
Environmental chemistry I. lect.	lect/oral	2				3	dr. Pernyeszi Tímea	
Radiochemistry	lect/oral	2				3	dr. Kovács Barna	
Environmental chemistry II. lect.	lect/oral		1			1	dr. Pernyeszi Tímea	
Biochemistry II. lect.	lect/oral		2			3	dr. Kuczmog Anett	
Nuclear magnetic resonance practice	pract/mark		1			2	dr. Berente Zoltán	
Basics of chemical engineering	lect/oral			2		3	dr. Felinger Attila	
Applied UV-VIS, IR and Raman spectroscopy	pract/mark				2	2	dr. Horváth Attila	
Named chemical reactions in organic chemistry	lect/oral			2		3	Organic chemistry III. lect. dr. Kálai Tamás	
Reaction kinetics	sem/mark				2	3	dr. Horváth Attila	
Thesis I.	sem/mark			X		15		
Thesis II.	sem/mark				X	15		

Professional practice						0		
Elective courses (completing min. 6 credits)						6		