

COURSE TITLE	TYPE	CONTACT HOURS/WEEK				CREDIT	PREVIOUS COURSE REQUIRED	INSTRUCTOR
		Semester	1	2	3			
Molecular biology	Lecture	2				3		Putnoky Péter
Bioinformatics	Lecture		2			3		Putnoky Péter
Numerical methods I.	Lecture		2			3		Király Balázs
Numerical methods seminar	Seminar		2			2		Király Balázs
Theoretical chemistry	Lecture	2				3		Kégl Tamás
Coordination chemistry	Lecture	5				6		Kégl Tamás
Physical chemistry IV.	Lecture	2				3		Lente Gábor
Colloid chemistry	Lecture	2				3		Kovács Barna
Analytical chemistry III.	Lecture		3			4		Felinger Attila/Kilár Ferenc
Physical chemistry V.	Lecture		2			3		Lente Gábor
Physical chemistry V. seminar	Seminar		2			2		Lente Gábor
Homogeneous catalysis	Lecture		2			3		Kégl Tamás
Organic chemistry III.	Lecture		3			4		Kálai Tamás
Organic chemistry III. lab.	Lab			4		5	Organic chemistry III.	Kálai Tamás
Analytical chemistry special lab. practice	Lab				4	5	Analytical chemistry III.	Kiss Ibolya
Physical chemistry V. lab. practice	Lab				4	5	Physical chemistry V.	Kovács Barna
Chemometrics II.	Lecture	3				4		Felinger Attila
Environmental chemistry I.	Lecture	2				3		Perneszi Tímea
Radiochemistry	Lecture	2				3		Kovács Barna
Environmental chemistry II.	Lecture		1			1		Perneszi Tímea
Biochemistry	Lecture		2			3		Kuczmoz Anett
Nuclear magnetic resonance practice	Lab		1			2		Berente Zoltán
Basics of chemical engineering	Lecture			2		3		Felinger Attila
Applied mass spectrometry	Lecture			1		2		Dörnyei Ágnes
Applied UV-VIS, IR and Raman spectroscopy	Lab				2	2		Horváth Attila/Kégl Tamás
Named chemical reactions in organic chemistry	Lecture			2		3	Organic chemistry III.	Kálai Tamás
Reaction kinetics	Seminar				2	3		Horváth Attila

Thesis work				15	15	30	
ELECTIBLES							
Antibiotics	Lecture	2		2		2	Lóránd Tamás
Heterocyclic chemistry	Lecture	2		2		2	Kálai Tamás
Polymers	Lecture	2		2		2	Kovács Barna
Stereochemistry of organic and coordination compounds	Lecture	2		2		2	dr.Kollár László
Advanced problem solving in organic chemistry	Seminar	2		2		2	Bognár Balázs
Separation technology, biochromatography	Lecture		2		2	2	Boros Borbála
Separation technology, biochromatography practice	Lab		2		2	2	Boros Borbála
Environmental certification	Lecture		2			2	Nagy Géza
Nonlinear dynamics	Lecture		2		2	2	Horváth Attila
Chemistry of natural compounds I.	Lecture		2		2	2	Molnár Péter
Environmental chemistry practice	Lab			3		3	Pernyeszi Tímea
Environmental colloid chemistry	Lecture			2		2	Pernyeszi Tímea
Environmental technology and waste management	Lab			2		2	Pernyeszi Tímea
Named reactions in organic chemistry lab.	Lab			2		2	Kálai Tamás
Chemistry of natural compounds II.	Lecture			2		2	Molnár Péter
Green chemistry	Lecture			2		2	Kégl Tamás