

COURSE Lecturer	CODE	PREREQUISITE	SEMESTER (Lec./Sem.-Prac./Lab.)							Evaluation	ECTS credit points
			1	2	3	4	5	6	7		
(type of evaluation: e: exam, p: practice, t: term grade, s: signature)											
General Microbiology and Mycology Dr. Pfliegler Valter Péter	TTBBE3030_EN	-		300						E	3
General Microbiology and Mycology (seminar) Dr. Pfliegler Valter Péter	TTBBG3031_EN	-			020					P	1
Bioinformatics Dr. Sipiczki Máttyás	TTBBE2060_EN	Genetics (TTBBE3020_EN)					100			E	3
Bioinformatics Dr. Sipiczki Máttyás Dr. Csoma Hajnalka	TTBBG2060_EN	Genetics (TTBBE3020_EN)					020			P	2
Basics of Professional knowledge											
<i>Organic Chemistry and Biology module</i>											
99											
26											
Organic Chemistry II. Dr. Kurtán Tibor	TTKBE0302_EN	Organic Chemistry I. (TTKBE0301_EN)		210						E	4
Organic Chemistry III. Dr. Somsák László	TTKBE0303_EN	Organic Chemistry II. (TTKBE0302_EN)			200					E	3
Organic Chemistry IV. Dr. Juhász Dr. Tóth Éva	TTKBL0301-L_EN	General Chemistry II. (TTKBL0101_EN) Organic Chemistry II. (TTKBE0302_EN)			013					P	3
Microbiology Dr. Pfliegler Valter Péter	TTBBE0506_EN	-		100						E	1
Microbiology practice Dr. Pfliegler Valter Péter	TTBBG0506_EN	General Microbiology and Mycology (TTBBE3030_EN)			002					P	1
Microbial Physiology Dr. Fekete Erzsébet	TTBBE0525_EN	Microbiology (TTBBE0506_EN)		200						E	3
Microbial Physiology practice Dr. Fekete Erzsébet Dr. Michel Flippi	TTBBL0525_EN	Microbiology (TTBBE0506_EN)			020					P	1
Genetics Dr. Batta Gyula	TTBBE3020_EN	-			300					E	3
Genetics practice Dr. Batta Gyula Dr. Papp László Attila	TTBBG3020_EN	-			020					P	2
Methods in Molecular Biology Gálné Dr. Miklós Ida	TTBBE2042_EN	-			200					E	3
Methods in Molecular Biology Dr. Batta Gyula	TTBBG2042_EN	-			020					P	2
<i>Physical-Chemistry and Materials Science module</i>											
10											
Physical Chemistry (lecture) Györfvária Dr. Horváth Henrietta	TTKBE0431_EN	General Chemistry I. (lecture) (TTKBE0101_EN) Mathematics I. (TTMBE0802) Mathematics I. (TTMBG0802)			200					E	3
Physical Chemistry (seminar) Györfvária Dr. Horváth Henrietta	TTKBG0431_EN	General Chemistry I. (lecture) (TTKBE0101_EN) Mathematics I. (TTMBE0802) Mathematics I. (TTMBG0802)			020					P	1
Bio-Physical Chemistry Györfvária Dr. Horváth Henrietta	TTKBE0419_EN	Physical Chemistry (lec.) (TTKBE0431_EN) Physical Chemistry (sem.) (TTKBG0431_EN)					200			E	3
Colloid and Surface Chemistry Dr. Novák Levente	TTKBE0406_EN	Physical Chemistry (lec.) (TTKBE0431_EN) Physical Chemistry (sem.) (TTKBG0431_EN)					200			E	3
<i>Measurement and Control module</i>											
24											
Informatics for Engineers Dr. Kuki Ákos	TTKBG0911_EN	-	020							P	2
Computer Modeling of Chemical Technology Systems I. Dr. Kuki Ákos	TTKBG0912_EN	Informatics for Engineers (TTKBG0911_EN)					020			P	2
Analytical Chemistry I. Dr. Buglyó Péter	TTKBE0501_EN	General Chemistry I. (TTKBE0101_EN) Organic Chemistry I. (TTKBE0301_EN)			200					E	3

COURSE Lecturer	CODE	PREREQUISITE	SEMESTER (Lec./Sem.-Prac./Lab.)							Evaluation	ECTS credit points
			1	2	3	4	5	6	7		
(type of evaluation: e: exam, p: practice, t: term grade, s: signature)											
Process control I. Dr. Nagy Lajos	TTKBG0612_EN	Informatics for Engineers (TTKBG0911_EN)				210				T	4
Process control II. Dr. Nagy Lajos	TTKBG0613_EN	Process control I. (TTKBG0612_EN)					030			T	3
Mathematics III. Dr. Bérczes Attila	TTMBG0804_EN	Mathematics II. (TTMBE0803_EN)				020				P	3
Analytical Chemistry II. Dr. Kállay Csilla	TTKBL0513_EN	General Chemistry I. (TTKBE0101_EN) General Chemistry II. (TTKBL0101_EN)			003					P	3
Application of Instrumental Analysis (lecture) Dr. Lázár István	TTKBE0512_EN	Analytical Chemistry I. (TTKBE0501_EN)					100			E	1
Application of Instrumental Analysis (practice) Dr. Gáspár Attila	TTKBL0512_EN	Application of Instrumental Analysis, lecture, (TTKBE0512_EN) Analytical Chemistry II., practice, (TTKBL0513_EN)						003		P	3
Process Engineering module											
27											
Bioprocess Engineering I. Dr. Karaffa Levente	TTBBE0571_EN	-				200				E	3
Bioprocess Engineering II. Dr. Karaffa Levente	TTBBE0572_EN	Bioprocess Engineering I. (TTBBE0571_EN)					200			E	3
Bioprocess Engineering II. practice Dr. Karaffa Levente Dr. Michel Flippi	TTBBL0572_EN	Bioprocess Engineering I. (TTBBE0571_EN)					003			P	3
Basic Engineering Dr. Tiba Zsolt	MFMS31K03-EN	-	210							E	3
Unit operations I. Dr. Kéki Sándor	TTKBG0614_EN	Basic Engineering (MFMS31K03-EN) Organic Chemistry I. (TTKBE0301_EN)			230					T	5
Unit operations II. Illyésné Dr. Czifrák Katalin	TTKBG0615_EN	Unit operations I. (TTKBG0614_EN)				230				T	5
Unit operations III. Illyésné Dr. Czifrák Katalin	TTKBG0616_EN	Unit operations II. (TTKBG0615_EN)					230			T	5
Technology module											
12											
Mechanical engineering Dr. Michel Flippi (Zsigmond Endre, Jakó Anikó - external)	TTBBG0575_EN	-		120						P	3
Safety Dr. Nagy Tibor	TTKBE0711_EN	Basic Engineering (MFMS31K03-EN)						200		E	3
Environmental Technology Illyésné Dr. Czifrák Katalin	TTKBE1114_EN	General Chemistry II. (lab) (TTKBL0101_EN)						200		E	3
Environmental Technology lab. Illyésné Dr. Czifrák Katalin	TTKBL1114_EN	General Chemistry II. (lab) (TTKBL0101_EN)						002		P	2
Visits to Biotech Companies Dr. Molnár Ákos Péter Dr. Ág Norbert	TTBBG0550_EN	-			020					P	1
Specialized courses in Biology											
16											
Plant Physiology I. Dr. Máthé Csaba	TTBBE3010_EN	-					200			E	5
Plant Physiology II. (seminar) Dr. Surányi Gyula	TTBBE2106_EN	-						020		P	2
Research Techniques in Plant Biology Dr. Mikóné Dr. Hamvas Márta	TTBBE0120_EN	-							110	E	3
Mathematical modelling of biological systems Dr. Pintér Ákos	TTMBE0805_EN	Mathematics III. (TTMBG0804_EN)					220			E	3
Numerical mathematics Dr. Mészáros Fruzsina	TTMBG0806_EN	Mathematics III. (TTMBG0804_EN)						120		P	3
Diploma work	TTBBG1002_EN								P	P	15
Facultative module*											
12											
Genetics II. Dr. Csoma Hajnalka	TTBBE2043_EN	Genetics (TTBBE3020_EN)					100			E	2
Organic Chemistry Seminar I. Dr. Juhász László	TTKBG0311_EN	General Chemistry I. (TTKBE0101_EN)		010						P	1

COURSE Lecturer	CODE	PREREQUISITE	SEMESTER (Lec./Sem.-Prac./Lab.)							Evaluation	ECTS credit points
			1	2	3	4	5	6	7		
(type of evaluation: e: exam, p: practice, t: term grade, s: signature)											
Organic Chemistry Seminar II. Dr. Juhász László	TTKBG0312_EN	Organic Chemistry I. (TTKBE0301_EN)			010					P	1
Advanced Organic Chemistry Seminar Dr. Juhász László	TTKBG0313_EN	Organic Chemistry II. (TTKBE0302_EN)				020				P	2
Plant Physiology I. lab. Dr. Máthé Csaba	TTBBL3010_EN	-					020			P	2
Plant Biochemistry and Molecular Biology Dr. Mészáros Ilona	TTBBE5050_EN	-					300			E	3
Sustainability and current environmental issues Dr. Oláh Viktor	TTBBE4045_EN		110 (spring semester)							E	3
Additional requirements											
External practise (industry) Dr. Ág Norbert	TTBBG0560_EN	-						6 wee ks		S	
Introduction course Dr. Michel Flippi	TTBBG0561_EN	-	010							S	
Physical Education			002	002						S	

*In the Facultative Module any English-speaking course can be chosen from the Faculty of Science and Technology, Faculty of Engineering, Faculty of General Medicine, Faculty of Informatics and Faculty of Agricultural and Food Sciences and Environmental Management.