	COURSE PLAN TO BE APPLIED FOR TH	IE 2023-2	BIOT	INSTITU TECHNO	LOGY D	EALTH S	CIENCES FE PROGRA	AM PLICATIONS WITH BACHELOR OF SCIENCE DEGREE)				
	1. SEMESTER/2. SEMESTER							1. SEMESTER/2. SEMEST	ER				
Course Code	Course Name	C/E	т	Р	Cr	ECTS	Course Code	Course Name	C/E	т	Р	Cr	ECTS
	Compulsory Course	С						Compulsory Course	С				
	Elective Course	Е						Elective Course	Е				
	1							The total of 1-4 se	nesters mu	ist be at le	east 42 cro	dits and 1	20 ECTS
								At least 14 co The seminar course can be taken in one of th	irses must e course pe	be taken, criods foll	excluding owing the	the semin advisor as	ar course ssignment
	3. SEMESTER/4. SEMESTER							3. SEMESTER/4. SEMEST	ER				
Course	Course Name	C/E	т	Р	Cr	ECTS	Course	Course Name	C/E	т	Р	Cr	ECTS
Code	Elective Course	E	•	•		2010	Code	Elective Course	E	•	-		2010
	Elective Course	E											
								The total of 1-4 se At least 14 co	irses must	be taken,	excluding	the semin	ar course
								The seminar course can be taken in one of th	e course po	eriods foll	owing the	advisor as	ssignment
	5. SEMESTER/6. SEMESTER							5. SEMESTER/6. SEMEST	ER				
Course Code	Course Name	C/E	т	Р	Cr	ECTS	Course Code	Course Name	C/E	т	Р	Cr	ECTS
BYT6224	Doctoral Qualification Exam	Z	0	0	0	30	BYT6005	Specialization Course I	Z	4	0	4	6
							BYT6000	Doctoral Thesis Study I	Z	0	0	0	24
	·		Tot	al Credits	s 0	30		, 		Tot	al Credits	4	30
	7. SEMESTER/8. SEMESTER							7. SEMESTER/8. SEMEST	ER				
Course	Course Name	C/E	т	Р	Cr	ECTS	Course	Course Name	C/E	т	Р	Cr	ECTS
Code BYT6006	Specialization Course II		4		4		Code BVT6007	Specialization Course III	Z	4		4	
BY16006 BY16001	*	Z		0		6	BYT6007				0		6
BY16001	Doctoral Thesis Study II	Z	0	0	0	24	BYT6002	Doctoral Thesis Study III	Z	0	0	0	24
			Tot	al Credits	s 4	30				Tot	al Credits	4	30
Commen	9. SEMESTER/10. SEMESTER	1					Comme	9. SEMESTER/10. SEMES	TER		1	-	
Course Code	Course Name	C/E	т	Р	Cr	ECTS	Course Code	Course Name	C/E	т	Р	Cr	ECTS
BYT6008	Specialization Course IV	Z	4	0	4	6	BYT6009	Specialization Course V	Z	4	0	4	6
BYT6003	Doctoral Thesis Study IV	Z	0	0	0	24	BYT6010	Doctoral Thesis Study V	Z	0	0	0	24
			Tot	al Credits	s 4	30				Tot	al Credits		30
	COMPULSORY COURSES												
Course Code	Course Name	т	Р	Cr	ECTS								
SBE7102	Research Techniques and Ethics	3	0	3	5								
BYT6201	Biotechnology	3	0	3	10								
BYT6202	Cell Molecular Biology I	3	0	3	7	-							
BYT6004	Seminar	0	0		,								
B110004	Schinki	0			10	1							
	ELECTIVE COURSES		0	0	10								
Course	ELECTIVE COURSES	1		1	1								
Course Code	Course Name	т	Р	Cr	ECTS								
Code BYT6208	Course Name Pharmaceutical Biotechnology	3	P 0	Cr 3	ECTS 8	-							
Code	Course Name		Р	Cr	ECTS	-							
Code BYT6208	Course Name Pharmaceutical Biotechnology	3	P 0	Cr 3	ECTS 8	-							
Code BYT6208 BYT6209	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity	3	P 0 2	Cr 3 3	ECTS 8 8	-							
Code BYT6208 BYT6209 BYT6210	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics	3 2 3	P 0 2 0	Cr 3 3 3	ECTS 8 8 7								
Code BYT6208 BYT6209 BYT6210 BYT6211	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteirs, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems	3 2 3 3	P 0 2 0 0	Cr 3 3 3 3 3	ECTS 8 8 7 7 7	-							
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products	3 2 3 3	P 0 2 0 0 0	Cr 3 3 3 3 3 3	ECTS 8 8 7 7 7 7								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications	3 2 3 3 3 2	P 0 2 0 0 0 2	Cr 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology	3 2 3 3 3 2 3 3	P 0 2 0 0 0 2 0 0 2 0	Cr 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8 7 7 7 8 7								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer	3 2 3 3 3 2 3 3 3 3 3 3	P 0 2 0 0 0 2 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8 8 7 8 8 8 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6213 BYT6213 BYT6214 BYT6215 BYT6216	Course Name Pharmaceutical Biotechnology Pharmacegenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biological Ported Drugs	3 2 3 3 3 2 2 3 3 3 3 3 3 3	P 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8 8 7 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6213 BYT6214 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology	3 2 3 3 3 2 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8 8 7 8 8 8 8 8 8 7 7 7 8 8 8 8 8 8 8 7 7 7 8 8 8 8 8 8 8 8 8 8 7 7 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6218 BYT6219	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors	3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 2 2 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 7 7 7 8 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6219 BYT6219 BYT6219 BYT6219 BYT6219 BYT620	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors Stem Cell Biology	3 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 7 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6219 BYT6219 BYT6219 BYT6219 BYT6219 BYT6219 BYT6210 BYT6211	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors	3 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 2 2	P 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6219 BYT6219 BYT6219 BYT6219 BYT6219 BYT620	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors Stem Cell Biology	3 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 7 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6219 BYT6219 BYT6219 BYT6219 BYT6219 BYT6219 BYT6210 BYT6211	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors Sten Cell Biology Immunology and Immunological Techniques	3 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 2 2	P 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6214 BYT6217 BYT6218 BYT6219 BYT6220 BYT6222	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors Sten Cell Biology Immunology and Immunological Techniques Epigenetics	3 2 3 3 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 8 8 7 8 8 8 8 8 8 8 8 8 8 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6214 BYT6217 BYT6218 BYT6217 BYT6220 BYT6222 BYT6223 BYT6223	Course Name Pharmaceutical Biotechnology Pharmaceogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosersors Stem Cell Biology Immunology and Immunological Techniques Epigenetics Biolorganic Chemistry	3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 8 8 7 8 8 8 8 8 7 8 8 8 8 8								
Code BYT6208 BYT6209 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6214 BYT6217 BYT6217 BYT6218 BYT6217 BYT6220 BYT6222 BYT6223 BYT6223 BYT6225	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors Stem Cell Biology Immunology and Immunological Techniques Epigenetics Biolorganic Chemistry Theranostic Nanosystems Biostatistics	3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 8 8 8 8 8 8 8 8 8 8 7 7 8								
Dede BYT6208 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6219 BYT6210 BYT6217 BYT6218 BYT6219 BYT6220 BYT6221 BYT6223 BYT6224 BYT6225 SBE7101 SBE7103	Course Name Pharmaceutical Biotechnology Pharmaceutical Biotechnology The Use of Proteins, Peptides and Apramers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Its Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosersors Stem Cell Biology Immunology and Immunological Techniques Epigenetics Bioinorganic Chemistry Theranostic Nanosystems Biostatistics Science Diplomacy	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ECTS 8 8 7 7 7 8 8 8 8 8 8 8 8 8 8 7 7 8 8 8 8 7 8 8 8 5 5 5								
Code BYT6208 BYT6210 BYT6211 BYT6212 BYT6213 BYT6214 BYT6215 BYT6216 BYT6217 BYT6218 BYT6219 BYT6210 BYT6211 BYT6212 BYT6223 BYT6225 BBE7101	Course Name Pharmaceutical Biotechnology Pharmacogenomics and Genotoxicity The Use of Proteins, Peptides and Aptamers in Therapeutics and Diagnostics Controlled Drug Delivery Systems Regulations on Biotechnological Products Bioinformatics and Is Applications Toxicology Structures and Biochemistry of Receptors and Enzymes Molecular Biology of Cancer Biologically Derived Drugs Pharmacology Biosensors Stem Cell Biology Immunology and Immunological Techniques Epigenetics Biolorganic Chemistry Theranostic Nanosystems Biostatistics	3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	P 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cr 3	ECTS 8 8 7 7 7 8 8 8 8 8 8 8 8 8 7 7 8 8 8 8 8 5 5								