		Curriculum					
		1. Year - Fall Semeste	r				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM1201		Introduction To Bioengineering	2	0	0	2	4
FIZ1001		Physics 1	3	0	2	4	6
KIM1170		General Chemistry	3	0	2	4	6
MAT1071		Mathematics 1	3	2	0	4	6
MDB1031		Advanced English 1	3	0	0	3	3
TDB1031		Turkish Language 1	2	0	0	0	2
USS-1G		University Social Elective 1-1	3	0	0	3	3
	•		•		•	Total:	30
		1. Year - Spring Semest	ter				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM1512		Organic Chemistry for Engineers	3	0	0	3	5
BYM1172		Basic Computer Sciences	2	2	0	3	4
FIZ1002		Physics 2	3	0	2	4	6
MAT1072		Mathematics 2	3	2	0	4	6
MDB1032		Advanced English 2	3	0	0	3	3
TDB1032		Turkish language 2	2	0	0	0	2
BYM1522		Probability and Statistics	3	0	0	3	4
	•		•		•	Total:	30
		2. Year - Fall Semeste	r				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
ATA1031		Principles of Atatürk and History of Modern Turkey 1	2	0	0	0	2
BYM2131		Occupational Health and Safety 1	2	0	0	2	2
BYM2101		Basic Principles of Molecular Biology	3	0	0	3	6
BYM2321		Biochemistry in Bioengineering	4	0	0	4	6
BYM2071		Mass and Energy Balances	3	0	0	3	5
MAT2411		Differential Equations	4	0	0	4	6
USS-2G		University Social Elective-2	3	0	0	3	3
			•			Total:	30
		2. Year - Spring Semest	ter				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
ATA1032		Principles of Atatürk and History of Modern Turkey 2	2	0	0	0	2
BYM2132		Occupational Health and Safety 2	2	0	0	2	2
BYM2002		Intern 1	0	0	0	0	2
BYM2712		Biothermodynamics	2	2	0	3	4

D)/A40000		Call Biology and Call Lack A	Τ _			0	-
BYM2222	-	Cell Biology and Cellular Mechanisms	2	0	2	3	5
BYM2812		Fluid Mechanics in Bioengineering	3	0	0	3	3
MDB3032		Business English	2	0	0	2	2
MES1-2B		Occupational Elective 1-1	3	0	0	3	5
MES1-2B		Occupational Elective 1-2	3	0	0	3	5
						Total:	30
	<u> </u>	3. Year - Fall Semeste	1	ı			
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM3401		Separation Processes in Bioengineering	2	0	2	3	5
BYM3511		Genetics Engineering	2	0	2	3	4
BYM3921		Heat and Mass Transfer in Bioengineering	4	0	0	4	4
BYM3501		Entrepreneurship and Project Management	2	0	0	2	4
BYM3031		Biomaterials	3	0	0	3	3
MES2-3G		Occupational Elective 2-1	3	0	0	3	5
MES2-3G		Occupational Elective 2-2	3	0	0	3	5
	•				•	Total:	30
		3. Year - Spring Semes	ter				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM3002		Intern 2	0	0	0	0	3
BYM3132		Mathematical Modelling in Bioengineering	2	2	0	3	4
BYM3222		Bioengineering Laboratory 1	0	0	4	2	5
	Önk:	BYM3921, BYM2812			•		
BYM3302	V	Introduction to Design in Bioengineering	2	2	0	3	5
	Önk:	BYM3921		•	•		
BYM3782		Bioreactor Design	3	0	0	3	3
BYM3192		Physiology	3	0	0	3	5
MES3-3B		Occupational Elective 3-1	3	0	0	3	5
			•			Total:	30
		4. Year - Fall Semeste	r				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM4211		Tissue Engineering	3	0	0	3	4
BYM4231		Bioengineering Laboratory 2	0	0	4	2	5
BYM4741	\checkmark	Bioprocess Engineering	3	0	0	3	6
	Önk:	BYM3302		•	•		
BYM4381		Immunology	3	0	0	3	5
MES4-4G		Occupational Elective 4-1	3	0	0	3	5
UMS-4G		University Occupational Elective	3	0	0	3	5
	•					Total:	30
		4. Year - Spring Semes	ter				

Code	Req.	Title	Lecture	Practical	Laboratory	Local	ECTS
DVM4000		One di satione Theorie	0			Credit	10
BYM4000		Graduation Thesis	0	8	0	4	10
MES5-4B	-	Occupational Elective 5-1*	3	0	0	3	5
MES5-4B		Occupational Elective 5-2*	3	0	0	3	5
MES5-4B		Occupational Elective 5-3*	3	0	0	3	5
MES5-4B		Occupational Elective 5-4*	3	0	0	3	5
						Total:	30
			(1450.1)	Prog	gram Tota	ILECTS:	240
Code	Req.	Occupational Elective 1 Course	Lecture	Practical	Laboratory	Local	ECTS
Code	Req.	Title	Lecture	Practical	Laboratory	Credit	EUIS
BYM2202		Polymer Science and Technology	3	0	0	3	5
BYM2312		Introduction to Modern Biology	3	0	0	3	5
BYM2332		Microbiology in Bioengineering	3	0	0	3	5
BYM2412		Vocational English in Bioengineering	3	0	0	3	5
BYM2612		Enzyme Technology	3	0	0	3	5
		Occupational Elective 2 Course	s (MES2)				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM3321		Cell Culture Systems	3	0	0	3	5
BYM3531		Biomedical Electronics	3	0	0	3	5
BYM3601		Biosensors	3	0	0	3	5
BYM3361		Concepts of Genetics	3	0	0	3	5
BYM3521		Bioinstrumental Techniques	3	0	0	3	5
	_	Occupational Elective 3 Courses	s (MES3)				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM3652		Fundamentals of Biopolymers	3	0	0	3	5
BYM3232		Modern Techn. in Molecular Biology	3	0	0	3	5
BYM3322		Controlled Release Systems	3	0	0	3	5
		Occupational Elective 4 Courses	s (MES4)				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM4701		Introduction to Bioceramics	3	0	0	3	5
BYM4691		Biochemical Engineering	3	0	0	3	5
BYM4101		Data Analysis and Visualization	3	0	0	3	5
BYM4801		Artificial Organs	3	0	0	3	5
		Occupational Elective 5 Courses	s (MES5)				
Code	Req.	Title	Lecture	Practical	Laboratory	Local Credit	ECTS
BYM4602		Biomedical Physics	3	0	0	3	5
BYM4672		Biotransport	3	0	0	3	5
BYM4472		Process Dynamics and Control in	3	0	0	3	5

BYM4292			Bioengineering					
BYM4222 Technical Drawing in Bioengineering 3 0 0 3 5 BYM4502 Virology 3 0 0 3 5 BYM4662 Biomedical Materials 3 0 0 3 5 BYM4452 Biotechnology and Biosafety 3 0 0 3 5 BYM4520 Corporative Education In Business 1 3 0 0 3 5 BYM4962 Cooperative Education In Business 2 3 0 0 3 5 BYM4972 Cooperative Education In Business 3 3 0 0 3 5 BYM4992 Cooperative Education In Business 4 3 0 0 3 5 BYM4992 Cooperative Education In Business 3 3 0 0 3 5 BYM4992 Cooperative Education In Business 4 3 0 0 3 5 BYM4992 Cooperative Education In Business 4 3 0 0 3 <t< td=""><td>BYM4412</td><td></td><td>Biophysics in Bioengineering</td><td>3</td><td>0</td><td>0</td><td>3</td><td>5</td></t<>	BYM4412		Biophysics in Bioengineering	3	0	0	3	5
BYM4502 Virology 3 0 0 3 5 BYM4662 Biomedical Materials 3 0 0 3 5 BYM452 Biotechnology and Biosafety 3 0 0 3 5 BYM4552 Enviromental Microbiology 3 0 0 3 5 BYM4962 Cooperative Education In Business 1 3 0 0 3 5 BYM4972 Cooperative Education In Business 2 3 0 0 3 5 BYM4992 Cooperative Education In Business 3 3 0 0 3 5 University Social Elective Courses	BYM4292		Bioengineering Economy	3	0	0	3	5
BYM4662 Biomedical Materials 3 0 0 3 5 BYM4452 Biotechnology and Biosafety 3 0 0 3 5 BYM4852 Enviromental Microbiology 3 0 0 3 5 BYM4962 Cooperative Education In Business 1 3 0 0 3 5 BYM4962 Cooperative Education In Business 2 3 0 0 3 5 BYM4982 Cooperative Education In Business 4 3 0 0 3 5 University Social Elective Courses	BYM4222		Technical Drawing in Bioengineering	3	0	0	3	5
BYM4452 Biotechnology and Biosafety 3 0 0 3 5 BYM4852 ☑ Enviromental Microbiology 3 0 0 3 5 BYM4962 Cooperative Education In Business 1 3 0 0 3 5 BYM4972 Cooperative Education In Business 2 3 0 0 3 5 BYM4982 Cooperative Education In Business 3 3 0 0 3 5 University Social Elective Courses University Social Elective Courses <td< td=""><td>BYM4502</td><td></td><td>Virology</td><td>3</td><td>0</td><td>0</td><td>3</td><td>5</td></td<>	BYM4502		Virology	3	0	0	3	5
BYM4852 ☑ Environmental Microbiology 3 0 0 3 5 Onk: BYM2332 BYM4962 Cooperative Education In Business 1 3 0 0 3 5 BYM4972 Cooperative Education In Business 2 3 0 0 3 5 BYM4982 Cooperative Education In Business 4 3 0 0 3 5 University Social Elective Courses University Social Elect	BYM4662		Biomedical Materials	3	0	0	3	5
Drik: BYM2932 SYM4962 Cooperative Education In Business 1 3 0 0 3 5 5 5 5 5 5 5 5 5	BYM4452		Biotechnology and Biosafety	3	0	0	3	5
BYM4962 Cooperative Education In Business 1 3 0 0 3 5 BYM4972 Cooperative Education In Business 2 3 0 0 3 5 BYM4982 Cooperative Education In Business 3 3 0 0 3 5 University Social Elective Courses University Social Electi	BYM4852	☑	Enviromental Microbiology	3	0	0	3	5
BYM4972 Cooperative Education In Business 2 3 0 0 3 5 BYM4982 Cooperative Education In Business 3 3 0 0 3 5 University Social Elective Courses		Önk:	BYM2332					
BYM4982 Cooperative Education In Business 3 3 0 0 3 5 BYM4992 Cooperative Education In Business 4 3 0 0 3 5 University Social Elective Courses University Social Transformation 3 0 0 3 3 ITB31300 Political Ideologies: Theory and History 3 0 0 3 3 3 0 0 3 3 3 0 0 3 3 3 3 0	BYM4962		Cooperative Education In Business 1	3	0	0	3	5
BYM4992 Cooperative Education In Business 4 3 0 0 3 5	BYM4972		Cooperative Education In Business 2	3	0	0	3	5
Code	BYM4982		Cooperative Education In Business 3	3	0	0	3	5
Code Req. Title Lecture Practical Coredit Laboratory Credit ECC Credit ITB3220 Modernity and Consumer Society 3 0 0 3 3 ITB3130 Political Ideologies: Theory and History 3 0 0 3 3 ITB2080 Women in Social Transformation 3 0 0 3 3 ISL2170 Accounting Organization 3 0 0 3 3 ISD2170 Accounting Organization 3 0 0 3 3 ISD2170 Accounting Organization 3 0 0 3 3 ISD2170 Accounting Organization 3 0 0 3 3 ITB3550 Human Rights 3 0 0 3 3 3 3 3 3 3 3 3 0 0 3 3 3 0 0 3 3 3 3 0 0	BYM4992		Cooperative Education In Business 4	3	0	0	3	5
ITB3220 Modernity and Consumer Society 3 0 0 3 3 3 3 3 3 3			University Social Elective Co	ourses				
ITB3220 Modernity and Consumer Society 3	Code	Req.	Title	Lecture	Practical	Laboratory		ECTS
ITB3130	ITB3220		Modernity and Consumer Society	3	0	0		3
ITB2080 Women in Social Transformation 3			•					3
ISL2170	ITB2080		· · · · · · · · · · · · · · · · · · ·	3	0	0	3	3
ITB3010 Sociology 3 0 0 3 3 ITB3550 Human Rights 3 0 0 3 3 ITB3560 Political Philosophy 3 0 0 3 3 ITB3570 Philosophy of Education 3 0 0 3 3 ITB3390 World Civilizations 3 0 0 3 3 ITB2030 Philosophy of Science 3 0 0 3 3 ITB4100 Social Structures and Historical Transformations 3 0 0 3 3 ILT1621 Graphic Media Design Tools 3 0 0 3 3 SBP2082 Urban Sociology 3 0 0 3 3 SYP2192 Cultural management and Its Agents 2 3 0 0 3 3 SYP3241 Public Relations 3 0 0 3 3 MIM1422 Introduction to History of	ISL2170		Accounting Organization		0	0		3
ITB3550	ITB3010			3	0	0	3	3
ITB3560	ITB3550		1	3	0	0	3	3
ITB3390 World Civilizations 3	ITB3560		Political Philosophy	3	0	0	3	3
ITB2030	ITB3570		Philosophy of Education	3	0	0	3	3
ITB4100 Social Structures and Historical Transformations 3	ITB3390		World Civilizations	3	0	0	3	3
Transformations	ITB2030		Philosophy of Science	3	0	0	3	3
SBP2082 Urban Sociology 3 0 0 3 3 SYP2192 Cultural management and Its Agents 2 3 0 0 3 3 SYP3241 Public Relations 3 0 0 3 3 MIM1422 Introduction to History of Art and Architecture 3 0 0 3 3 MIM2421 History of Architecture 3 0 0 3 3 MIM1412 History of Civilization 3 0 0 3 3 HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	ITB4100			3	0	0	3	3
SYP2192 Cultural management and Its Agents 2 3 0 0 3 3 SYP3241 Public Relations 3 0 0 3 3 MIM1422 Introduction to History of Art and Architecture 3 0 0 3 3 MIM2421 History of Architecture 3 0 0 3 3 MIM1412 History of Civilization 3 0 0 3 3 HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	ILT1621		Graphic Media Design Tools	3	0	0	3	3
SYP3241 Public Relations 3 0 0 3 3 MIM1422 Introduction to History of Art and Architecture 3 0 0 3 3 MIM2421 History of Architecture 3 0 0 3 3 MIM1412 History of Civilization 3 0 0 3 3 HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	SBP2082		Urban Sociology	3	0	0	3	3
MIM1422 Introduction to History of Art and Architecture 3 0 0 3 3 MIM2421 History of Architecture 3 0 0 3 3 MIM1412 History of Civilization 3 0 0 3 3 HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	SYP2192		Cultural management and Its Agents 2	3	0	0	3	3
MIM2421 History of Architecture 3 0 0 3 3 MIM1412 History of Civilization 3 0 0 3 3 HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	SYP3241		Public Relations	3	0	0	3	3
MIM1412 History of Civilization 3 0 0 3 3 HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	MIM1422		Introduction to History of Art and Architecture	3	0	0	3	3
HRT2941 History of Geomatic Engineering Science 3 0 0 3 3 ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	MIM2421		History of Architecture	3	0	0	3	3
ITB2020 History of Science 3 0 0 3 3 INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	MIM1412		History of Civilization	3	0	0	3	3
INS2462 Traffic Safety 3 0 0 3 3 MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	HRT2941		History of Geomatic Engineering Science	3	0	0	3	3
MDB4011 Introduction to German Language Skills 3 0 0 3 3 MDB4021 German Language Skills 3 0 0 3 3	ITB2020		History of Science	3	0	0	3	3
MDB4021 German Language Skills 3 0 0 3 3	INS2462		Traffic Safety	3	0	0	3	3
, , , , , , , , , , , , , , , , , , ,	MDB4011		Introduction to German Language Skills	3	0	0	3	3
MAKO100 History of Machine Technology	MDB4021		German Language Skills	3	0	0	3	3
INIANZTOU IMISTORY OF MACHINE FECHNOLOGY 3 0 0 3 3	MAK2100		History of Machine Technology	3	0	0	3	3

ITB3250	Introduction to Psychology	3	0	0	3	3
ITB3360	History of Art	3	0	0	3	3
MTP4760	Dance in Istanbul from the 16th Century to the Present	3	0	0	3	3
GIM4101	Innovation and Entrepreneurship in Engineering	3	0	0	3	3
TDB4011	Effective Communication and Impromptu Presentation Skills	3	0	0	3	3
TDB4031	Oratory and Diction	3	0	0	3	3
TDB4041	Turkish Story and Novel	3	0	0	3	3
ITB1680	Introduction to Polyphonic Music	3	0	0	3	3
TDB4051	Academic Turkish	3	0	0	3	3
DNS1220	Body Awareness and Breathing Techniques	3	0	0	3	3
DNS1240	Yoga and Anatomy	3	0	0	3	3
GIM4151	Innovation and Entrepreneurship	3	0	0	3	3
ITB4040	Volunteering Studies	3	0	0	3	3
TDB4061	Seven Hills İstanbul	3	0	0	3	3
ISL1150	Career Planning	3	0	0	3	3
KIM1052	Chemistry in Life	3	0	0	3	3
CEV3333	Patent and Commecialization	3	0	0	3	3
BED1013	Pilates Basic Training	3	0	0	3	3
MDB1016	Arabic for Beginners 2	3	0	0	3	3
MDB1004	Spanish for Beginners 2	3	0	0	3	3
MKT2201	Personal Mindfullness ans Development	3	0	0	3	3
GRA2024	Sanal Evrene Giriş	3	0	0	3	3
EUT2022	Introduction to NFT	3	0	0	3	3
MDB1001	French for Beginners 1	3	0	0	3	3
MDB1003	Spanish for Beginners 1	3	0	0	3	3
MDB1007	Italian for Beginners 1	3	0	0	3	3
MDB1009	Greek for Beginners 1	3	0	0	3	3
MDB1011	Chinese for Beginners 1	3	0	0	3	3
MDB1013	Japanese for Beginners 1	3	0	0	3	3
MDB1015	Arabic for Beginners 1	3	0	0	3	3
MDB1017	Persian for Beginners 1	3	0	0	3	3
MDB1019	Russian for Beginners 1	3	0	0	3	3
SBO1180	Turkish Culture and History	3	0	0	3	3
SBP2020	Earthquake and Planning	3	0	0	3	3
INS4910	Disaster Information and Awareness	3	0	0	3	3
OKL2350	Nutrition and Health	3	0	0	3	3
MDB1010	Greek for Beginners 2	3	0	0	3	3

RPD2000	Addiction and Addiction Control	3	0	0	3	3
CEV3334	Environment and Human	3	0	0	3	3
SBO1120	Turkish Cultural Geography	3	0	0	3	3
MAT4279	Fundamental Rights and Responsibilities in Higher Education	3	0	0	3	3
TRO2730	Media Literacy	3	0	0	3	3
MDB1002	French for Beginners 2	3	0	0	3	3
BTO1910	Current Practices in Educational Technologies	3	0	0	3	3
FBO2260	Sustainability and Education	3	0	0	3	3
IMO2150	Concepts and Proofs in Linear Algebra	3	0	0	3	3
ING2350	English Academic Writing and Presentation Skills	3	0	0	3	3
MDB1008	Basic Italian 2	3	0	0	3	3
SNF2210	Youth and Education	3	0	0	3	3
SBO1190	Fairy Tales and Storytelling	3	0	0	3	3
SBO1230	Philosophy with Children	3	0	0	3	3
SBO1240	Environmental Citizenship and Education	3	0	0	3	3
TRO2281	Turkish Language History	3	0	0	3	3
EGT1022	Social anthropology	3	0	0	3	3
EGT4041	Education management	3	0	0	3	3
EGT2031	Human Resources Management	3	0	0	3	3
MTM3611	History of Mathematics	3	0	0	3	3
BED3011	Education of Basic Techniques in Basketball	3	0	0	3	3
BED3041	Soccer and Basic Movement Teaching	3	0	0	3	3
BED4031	Principle figures of the folk dances	3	0	0	3	3
BED3051	Education of Basic Techniques in Handball	3	0	0	3	3
BED3012	Education of Basic Techniques in Korfball	3	0	0	3	3
BED4022	Tennis Technic and Tactic Education	3	0	0	3	3
BED3042	Education of Basic Techniques in Volleyball	3	0	0	3	3
BED4032	Education of Fundamental Swimming Techniques	3	0	0	3	3
TRO2261	Turkish Language Teaching Literary Texts	3	0	0	3	3
SNF2112	Geography and geopolitics of Turkey	3	0	0	3	3
ISL2560	Public Relations in Business	3	0	0	3	3
ISL2710	Family Businesses and Institutionalization	3	0	0	3	3
ISL2630	Team Building and Development	3	0	0	3	3
ISL2901	Direct Marketing	3	0	0	3	3
ISL2760	Fundamentals of Logistics Management	3	0	0	3	3
SBP2031	Urban Economics	3	0	0	3	3
ITB2040	Economic Policies and Applications	3	0	0	3	3

ITDOOO	Consissant and	d Caslamy				0	
ITB3330	Environment ar		3	0	0	3	3
ITB2090		ture Principles and Institutions	3	0	0	3	3
ITB3150	History and Cin		3	0	0	3	3
ITB3020	Introduction to I	<u> </u>	3	0	0	3	3
ITB3040	Political Develo in Twentieth-Ce	pments and Social Movements entury	3	0	0	3	3
ITB3270	Istanbul: Past, I	Present, and Future	3	0	0	3	3
ILT1611	Techniques Of	Photography	3	0	0	3	3
ITB3260	Cultural Studies	and Identity	3	0	0	3	3
ITB3420	The Social Stru	cture of Ottoman Empire	3	0	0	3	3
ITB3210	Communication	in Contemporary Society	3	0	0	3	3
		University Occupational Elective	Courses				
Code	Req. Title		Lecture	Practical	Laboratory	Local Credit	ECTS
BYM4721	Nanotechnolog	y in Bioengineering	3	0	0	3	5
SBU3001	Basic Issues in	International Relations	3	0	0	3	5
IKT3610	Energy and Nat	tural Resources Economics	3	0	0	3	5
EHM4370	Microprocessor	Based System Design	3	0	0	3	5
EHM4220	Satellite Comm	unication	3	0	0	3	5
EHM4270	Cellular Commu	unication Systems 1	3	0	0	3	5
GIM4322	Economics of E	nergy	3	0	0	3	5
GIM4392	Engineering Ec	onomics	3	0	0	3	5
KIM3557	Enviromental C	hemistry and Technology	3	0	0	3	5
KMM3561	Technical Com	munication	3	0	0	3	5
ISL3660	Business Comr	nunication	3	0	0	3	5
CEV4501	Natural Treatme	ent	3	0	0	3	5
MAK4482	Industrial Auton	nation	3	0	0	3	5
CEV4111	Environmental a	and Public Health	3	0	0	3	5
HRT4332	Navigation And	Kinematic Positioning	3	0	0	3	5
MIM4341	Space and Hist	ory in cinema	3	0	0	3	5
ELM4010	Introduction to S	Smart Grids	3	0	0	3	5
SBP1300	Readings on Ci	ties	3	0	0	3	5
SBP4310	Project Manage	ment Process in Participatory	3	0	0	3	5
KVK4412	Cultural Heritag	e Management	3	0	0	3	5
BME4142	Physiological C	ontrol Systems	3	0	0	3	5
IKT3820	Social Policy Ed	conomics	3	0	0	3	5
ISL3940	Fundementals of	of Actuarial Mathematics	3	0	0	3	5
INS3841	Introduction to	Construction Legislation	3	0	0	3	5
BLM4400		Горісs in Comp. Engineering	3	0	0	3	5
BLM1012	· · · · · ·	Procedural Programming	3	0	0	3	5

BME4110	Quantum Physics for Engineers	3	0	0	3	5
TDE3557	Literary Debates in Modern Turkish Literature	3	0	0	3	5
MTM4711	Mathematical Modeling	3	0	0	3	5
ELM4071	Numerical Methods and Applications in Engineering	3	0	0	3	5
KOM4760	Basic Optimization Concepts in Engineering	3	0	0	3	5
KOM4770	Manufacturing Techniques	3	0	0	3	5
GMI3850	Ship-Sourced Marine Pollution	3	0	0	3	5
GMI3860	Structure Dynamics	3	0	0	3	5
IST3557	Statistics and Scientific Thinking	3	0	0	3	5
MAT3557	Encryption	3	0	0	3	5
FIZ3557	Physics in Life	3	0	0	3	5
MBG3557	Evolution and Molecular Ecology	3	0	0	3	5
MEM4131	Material World	3	0	0	3	5
KVK4422	Museology and Museography	3	0	0	3	5
GDM4309	Food Literacy	3	0	0	3	5
MKT4403	Mechatronics System Integration	3	0	0	3	5
END4393	Risk Management	3	0	0	3	5