

DERS PROGRAMI

I. SEMESTER			
Code	Course Title	Course Type	ECTS
ANA104	Anatomy	Required Courses	3.0
BİL100	Information and Communication Technologies	Required Courses	5.0
İNG187	English I (ENG)	Required Courses	3.0
KİM137	Fundamental of Chemistry	Required Courses	4.0
TAR165	Atatürk's Principles and History of Turkish Revolution I	Required Courses	2.0
TLT101	Medical Biology and Genetics	Required Courses	4.0
TLT103	Laboratory Safety	Required Courses	2.0
TÜR125	Turkish Language I	Required Courses	2.0
	Elective Courses		3.0
	Area Elective Courses		2.0
Sum			30

II. SEMESTER			
Code	Course Title	Course Type	ECTS
ANA108	Physiology	Required Courses	3.0
BİY110	Fundamental of Microbiology	Required Courses	4.0
İNG188	English II (ENG)	Required Courses	3.0
KİM130	Fundamentals of Biochemistry	Required Courses	5.0
TAR166	Atatürk's Principles and History of Turkish Revolution II	Required Courses	2.0
TLT104	Clinical Microbiology Applications	Required Courses	3.0
TLT106	Basic Laboratory Applications I	Required Courses	4.0
TÜR126	Turkish Language II	Required Courses	2.0
	Elective Courses		4.0
Sum			30

III. SEMESTER			
Code	Course Title	Course Type	ECTS
ETK207	Professional Ethics	Required Courses	2.0
KİM267	Clinical Biochemistry and Applications	Required Courses	5.0
TLT203	Hematology	Required Courses	3.0
TLT213	Experimental Animals	Required Courses	3.0

III. SEMESTER

Code	Course Title	Course Type	ECTS
TLT215	Parasitology	Required Courses	4.0
TLT225	Basic Laboratory Applications II	Required Courses	4.0
TLT227	Serological Techniques	Required Courses	3.0
	Area Elective Courses		6.0
Sum			30

IV. SEMESTER

Code	Course Title	Course Type	ECTS
BİY236	Cytology	Required Courses	4.0
BİY238	Microscopy and Preparation Techniques	Required Courses	3.0
SAĞ220	Public Health	Required Courses	2.0
SAĞ222	First Aid	Required Courses	3.0
STJ204	Internship	Required Courses	5.0
TLT214	Pathology	Required Courses	4.0
TLT220	Health Services Management	Required Courses	3.0
TLT222	Biosafety in Medical Laboratories	Required Courses	3.0
	Area Elective Courses		3.0
Sum			30

Area Elective Courses

Code	Course Title	Laboratory + Practice	ECTS
ECY219	Occupational Health and Safety (TR)	2 + 0	2.0
ARY215	Scientific Research, Project and Report Writing Techniques (TR)	2 + 0	3.0
BİY247	Basic Biology Practices (TR)	1 + 2	4.0
ECY223	Infectious Diseases (TR)	2 + 0	3.0
TLT217	Genetic Analysis (TR)	2 + 0	3.0
TLT221	Methods of Criminal Investigation (TR)	2 + 0	3.0
TLT229	Histology (TR)	2 + 0	3.0
TLT231	Applied Basic Cell Culture Techniques (TR)	1 + 1	2.0
TLT233	Environment and Occupational Safety (TR)	2 + 0	3.0
YPZ203	Artificial Intelligence Applications in the European Union and Vocational Education I (TR)	2 + 1	3.0
SAĞ236	Biology of Cancer (TR)	2 + 0	3.0

Area Elective Courses			
Code	Course Title	Laboratory + Practice	ECTS
TLT202	Medical Waste (TR)	2 + 0	3.0
TLT216	Radiation Biology and Nuclear Medicine (TR)	2 + 0	3.0
TLT218	Blood Banking and Transfusion Medicine (TR)	2 + 0	3.0
TLT224	Artificial Intelligence Applications in Laboratories (TR)	1 + 1	3.0
TLT226	Green Laboratory Practices and Sustainable Analytical Approaches (TR)	1 + 1	3.0
YPZ204	Artificial Intelligence Applications in the European Union and Vocational Education II (TR)	2 + 1	3.0

Elective Courses			
Code	Course Title	Laboratory + Practice	ECTS
KÜL199	Cultural Activities (TR)	0 + 2	2.0
SOS187	Disaster Management (TR)	2 + 0	3.0
TÜR120	Turkish Sign Language (TR)	3 + 0	3.0
KÜL108	Career Planning (TR)	1 + 0	3.0
SOS155	Folkdance (TR)	2 + 0	2.0
KÜL195	Volunteer Work (TR)	1 + 2	4.0

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