

DERS PROGRAMI

I. SEMESTER

Code	Course Title	Course Type	ECTS
FTM501	Advanced Pharmaceutical Microbiology	Required Courses	6.0
FTM503	Advanced Pharmaceutical Microbiological Applications	Required Courses	6.0
LEE510	Ethics of Science and Research Techniques	Required Courses	7.5
	Elective Courses		12.0
Sum			31.5

II. SEMESTER

Code	Course Title	Course Type	ECTS
FTM502	Methods for Determining Antimicrobial Activity	Required Courses	6.0
SMR500	Seminar	Required Courses	7.5
	Elective Courses		18.0
Sum			31.5

III. SEMESTER

Code	Course Title	Course Type	ECTS
TEZ700	Thesis	Required Courses	30.0
Sum			30

IV. SEMESTER

Code	Course Title	Course Type	ECTS
TEZ700	Thesis	Required Courses	30.0
Sum			30

Elective Courses

Code	Course Title	Laboratory + Practice	ECTS
FTM505	Methods of Sterilization and Disinfection (TR)	3 + 0	6.0
FTM507	Methods of Measuring Microbial Population (TR)	3 + 0	6.0
FTM509	Isolation and Typing Methods of Bacteria (TR)	3 + 0	6.0
FTM511	Enzyme Technology (TR)	3 + 0	6.0
FTM513	Allergy (TR)	3 + 0	6.0
FTM515	Serology and Serological Techniques (TR)	3 + 0	6.0
FTM517	Virology (TR)	3 + 0	6.0
FTM519	Molecular Microbiological Techniques (TR)	3 + 0	6.0

Elective Courses			
Code	Course Title	Laboratory + Practice	ECTS
FTM521	Flow Cytometry Applications (TR)	3 + 0	6.0
FTM523	Basic Immunology (TR)	3 + 0	6.0
FTM525	Lymphocyte Development and Immunogenetics (TR)	3 + 0	6.0
FTM506	Microbial Toxins (TR)	3 + 0	6.0
FTM508	Microbiological Control Techniques of Sterile Pharma. Produc (TR)	3 + 0	6.0
FTM510	Chemotherapeutics and Their Mechanisms of Action (TR)	3 + 0	6.0
FTM512	Molecular Genetics of Bacteria (TR)	3 + 0	6.0
FTM518	Cosmetic Microbiology (TR)	3 + 0	6.0
FTM520	Micology (TR)	3 + 0	6.0
FTM522	Industrial Microbiology (TR)	3 + 0	6.0
FTM524	Microbial Metabolism (TR)	3 + 0	6.0
FTM526	Relationship between Human Microbiota and Health (TR)	3 + 0	6.0

Institute Specialization Field Course			
Code	Course Title	Laboratory + Practice	ECTS
UZM700	Research in Area of Specialization (TR)	5 + 0	4.5

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