

BEZHIALEM VAKIF UNIVERSITY
INSTITUTE OF HEALTH SCIENCES
DRUG DISCOVERY AND DEVELOPMENT PHD PROGRAM
CURRICULUM TO BE PERFORMED ON 2025-2026 ACADEMIC YEAR

SEMESTER 1/2							SEMESTER 1/2								
Code	Course	C/E	T	P	EQ	ECTS	Code	Course	C/E	T	P	EQ	ECTS		
DD6001	The Drug Discovery Process	C	3	0	3	10	DD6033	Advanced Molecular Pharmacology	C	3	0	3	8		
SBE7102E	Research and Publication Ethics	C	3	0	3	5	DD6003	Seminar	C	0	0	0	7		
SBE7106	Transferable Skills	C	2	0	3	5		Elective Courses	E			6	15		
	Elective Courses	E			6	15									
Total						15	35	Total						9	30
SEMESTER 3/4							SEMESTER 3/4								
Code	Course	C/E	T	P	EQ	ECTS	Code	Course	C/E	T	P	EQ	ECTS		
DD6017	Qualification Exam	C	0	0	0	30	DD6018	Special Subject I	C	4	0	4	6		
							DD6019	PhD Dissertation I	C	0	0	0	24		
Total						0	30	Total						4	30
SEMESTER 5/6							SEMESTER 5/6								
Code	Course	C/E	T	P	EQ	ECTS	Code	Course	C/E	T	P	EQ	ECTS		
DD6020	Special Subject II	C	4	0	4	6	DD6022	Special Subject III	C	4	0	4	6		
DD6021	PhD Dissertation II	C	0	0	0	24	DD6023	PhD Dissertation III	C	0	0	0	24		
Total						4	30	Total						4	30
SEMESTER 7/8							SEMESTER 7/8								
Code	Course	C/E	T	P	EQ	ECTS	Code	Course	C/E	T	P	EQ	ECTS		
DD6024	Special Subject IV	C	4	0	4	6	DD6026	Special Subject V	C	4	0	4	6		
DD6025	PhD Dissertation IV	C	0	0	0	24	BYT6027	PhD Dissertation V	C	0	0	0	24		
Total						4	30	Total						4	30
ELECTIVE COURSES															
Code	Course	T	P	EQ	ECTS										
SBE7101E	Biostatistics	3	0	3	5										
DD6005	Toxicology	3	0	3	7										
DD6006	Molecular Modelling Studies in Drug Design	2	2	3	8										
DD6007	Design and Discovery of Oncological Drugs	3	0	3	8										
DD6011	Bioanalysis	3	0	3	7										
DD6013	Structure Elucidation of Organic Compounds	3	0	3	8										
DD6016	Molecular Dynamics Simulations	2	2	3	7										
DD6028	Introductory Bioinformatics	2	0	3	7										
DD6029	Advances in Medicinal Chemistry I	2	0	3	8										
DD6030	Advances in Medicinal Chemistry II	2	0	3	7										
DD6034	Pharmacogenomic Research	3	0	3	8										
DD6035	Experimental Techniques in Pharmacology	3	0	3	8										
DD6036	ADME and Pharmacokinetics	3	0	3	8										
DD6037	Nucleic Acid Chemistry	3	0	3	8										

C	Compulsory course
E	Elective course
T	Theoretical hours per week
P	Practical hours per week
EQ	equals (T+0.5*U)