

ÜSKÜDAR UNIVERSITY
INSTITUTE OF HEALTH
SCIENCES
NEUROSCIENCE PhD PROGRAM

1st SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB601	Data Analysis and Modeling	C	3	0	3	10
NRB603	Functional Neuroanatomy	C	3	0	3	10
NRB605	Seminar	C	0	0	0	4
	Elective Course I	E	3	0	3	10
TOTAL					9	34

2nd SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB602	Advanced Neuroimaging Techniques	C	3	0	3	10
NRB650	Applied Project Management I	C	2	0	2	5
	Elective Course II	E	3	0	3	10
	Elective Course III	E	3	0	3	10
TOTAL					10	35

3rd SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB607	Cognitive Systems	C	3	0	3	10
NRB606	Sensory and Motor Systems	C	3	0	3	10
NRB651	Applied Project Management II	C	2	0	2	5
	Elective Course IV	E	3	0	3	10
TOTAL					9	35

4th SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB652	Applied Project Management III	C	3	0	3	10
NRB654	Preparation for the Proficiency Exam and Thesis Proposal	C	3	0	3	10
	Elective Course V	E	3	0	3	10
TOTAL					6	30

5th SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB690.1	Thesis Study I	C	0	0	0	30
TOTAL					0	30

6th SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB690.2	Thesis Study II	C	0	0	0	30
TOTAL					0	30

7th SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB690.3	Thesis Study III	C	0	0	0	30
TOTAL					0	30

8th SEMESTER						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB690.4	Thesis Study IV	C	0	0	0	30
TOTAL					0	30

ELECTIVE COURSES						
COURSE CODE	COURSE NAME	TYPE (C/E)	T	P	CREDIT	ECTS
NRB608	Developmental Neuroscience	E	3	0	3	10
NRB609	Neurochemistry and Psychopharmacology	E	3	0	3	10
NRB610	Neuropsychology	E	3	0	3	10
NRB611	Neurobiology of Diseases	E	3	0	3	10
NRB612	Sleep Neurophysiology	E	3	0	3	10
NRB613	Learning and Memory	E	3	0	3	10
NRB614	Language and Cognition	E	3	0	3	10
NRB615	Big Data and Deep Learning	E	3	0	3	10
NRB616	Neurophilosophy	E	3	0	3	10
NRB617	Evolutionary Neuroscience	E	3	0	3	10
NRB618	Experimental Animal Models in Neuroscience	E	3	0	3	10
NRB619	Biomedical Signal and Image Processing	E	3	0	3	10
NRB620	Affective Neuroscience	E	3	0	3	10
NRB621	Neurogenetics and Biotechnology	E	3	0	3	10
NRB622	Cellular Neuroscience and Experimental Methods	E	3	0	3	10