

**ÜSKÜDAR UNIVERSITY**  
**INSTITUTE OF HEALTH SCIENCES**  
**NEUROSCIENCE MSc PROGRAM**

**Without THESIS**

1st SEMESTER						
COURSE CODE	COURSE TITLE	TYPE	T	P	CREDIT	ECTS
NEU501	Molecular and Cellular Neurobiology	Compulsory	3	0	3	8
NEU503	Ethics and Research Methods	Compulsory	3	0	3	6
	Elective Course I	Elective	3	0	3	6
	Elective Course II	Elective	3	0	3	6
	Elective Course III*	Elective	3	0	3	6
<b>TOTAL</b>					<b>15</b>	<b>34</b>

2nd SEMESTER						
COURSE CODE	COURSE TITLE	TYPE	T	P	CREDIT	ECTS
NEU502	Neuroanatomy and Neurodevelopment	Compulsory	3	0	3	8
NEU504	Introduction to Neuroimaging	Compulsory	3	0	2	8
NEU506	Applied Statistics	Compulsory	3	0	3	8
	Elective Course IV	Elective	3	0	3	6
	Elective Course V*	Elective	3	0	3	6
<b>TOTAL</b>					<b>10</b>	<b>38</b>

3rd SEMESTER						
COURSE CODE	COURSE TITLE	TYPE	T	P	CREDIT	ECTS
NEU521	Project	Compulsory	0	0	0	30
<b>TOTAL</b>					<b>0</b>	<b>30</b>

ELECTIVE COURSES					
COURSE CODE	COURSE TITLE	T	P	CREDIT	ECTS
NEU530	Cognitive Neuroscience	3	0	3	6
NEU531	Clinical Neuroscience	3	0	3	6
NEU532	Neuropharmacology	3	0	3	6
NEU533	Behavioral Neuroscience	3	0	3	6
NEU534	Systems Neuroscience	3	0	3	6
NEU535	Learning and Memory	3	0	3	6
NEU536	Neuroimmunology	3	0	3	6
NEU537	Neurobiochemistry	3	0	3	6
NEU538	Neurobiophysics	3	0	3	6
NEU539	Experimental Animal Models in Neuroscience	3	0	3	6
NEU540	Sleep	3	0	3	6
NEU541	Electrophysiology	3	0	3	6
NEU542	Neurophysiology of Addiction	3	0	3	6
NEU543	Creativity and Neuroscience	3	0	3	6
NEU544	Data Analysis in Neuroscience	3	0	3	6