

ISTINYE UNIVERSITY INSTITUTE OF HEALTH SCIENCES DEPARTMENT OF NEUROSCIENCE (THESIS) COURSE PLAN (CURRICULUM)											
1 st SEMESTER						2 nd SEMESTER					
C. Code	Course	T	U	ECTS	Language of Instruction	C. Code	Course	T	U	ECTS	Language of Instruction
SIN5101	Neurophysiology-1	3	0	10	TR	SIN5102	Neurophysiology-2	2	2	10	TR
SIN5103	Human Anatomy	2	2	10	TR	SIN5104	Seminars	1	0	6	TR
SIN5105	Master of Science Thesis Advisory-1	0	1	1	TR	SIN5106	Scientific research techniques and publication ethics	2	0	7	TR
SIN5107	Master of Science Specialized Field Course-1	4	0	5	TR	SIN5108	Master of Science Thesis Advisory-2	0	1	1	TR
	Electives			4	TR	SIN5110	Master of Science Specialized Field Course-2	4	0	5	TR
							Electives			1	TR
TOTAL		9	3	30		TOTAL		9	3	30	
3 rd SEMESTER						4 th SEMESTER					
C. Code	Course	T	U	ECTS	Language of Instruction	C. Code	Course	T	U	ECTS	Language of Instruction
SIN5109	Master of Science Thesis Advisory-3	0	1	1	TR	SIN5112	Master of Science Thesis Advisory-4	0	1	1	TR
SIN5111	Master of Science Specialized Field Course-3	4	0	5	TR	SIN5114	Master of Science Specialized Field Course-4	4	0	5	TR
	Thesis Project			24	TR		Thesis Project			24	TR
TOTAL		4	1	30		TOTAL		4	1	30	

ELECTIVES					
C. Code	Course	T	U	ECTS	Language of Instruction
SIN5113	Neurobiochemistry	2	2	8	TR
SIN5115	Neuroimmunology	2	0	6	TR
SIN5116	Cell culture techniques in neuroscience	2	1	7	TR
SIN5117	Introduction to electrophysiology	2	1	8	TR
SIN5118	Neurogenetic	2	0	6	TR
SIN5119	Basic mathematics for neuroscience	2	0	6	TR
SIN5120	Introduction to behavioural and cognitive neuroscience	2	0	7	TR
SIN5121	Imaging techniques in neuroscience	2	1	8	TR
SIN5122	Neuropsychology	2	1	7	TR
SIN5123	Computational Neuroscience	2	1	8	TR
SIN5124	Pathophysiology of nervous system	2	0	6	TR
SIN5125	Biostatistics	2	0	6	TR
SIN5126	Basic Neuropharmacology	2	0	6	TR
SIN5127	Laboratory Rotation	1	2	6	TR
SIN5128	Sleep and basic features of sleep	2	2	8	TR