

## ECTS COURSE DESCRIPTION FORM

### PART I (Senate Approval)

<b>Offering School</b>	Antalya Bilim University			<b>Offering Department</b>	Physical Therapy and Rehabilitation		
<b>Program(s) Offered to</b>	Physical Therapy and Rehabilitation	<input type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>			<input type="checkbox"/>		
<b>Course Name</b>	Functional Neuroanatomy (Elective)			<b>Course Code</b>	FTR 235		
<b>Level of Course</b>	Undergraduate			<b>Type of Course</b>	Theoric		
<b>Language of Instruction</b>	Turkish			<b>ECTS Credits</b>	3		
<b>Hours per Week</b>	Lecture:	2	Practical:	0	Studio:		
	Laboratory:		Recitation:		Other:		
<b>Pre-requisites</b>	None			<b>Co-requisites</b>	None		
<b>Registration Restriction</b>	None			<b>Grading Mode</b>	Letter Grade		
<b>Educational Objective</b>	To ensure for understanding functions and features of the central, peripheral and autonomic nervous systems, and to gain competence for differences in these neuroanatomic structures as a result of dysfunctions						
<b>Course Description</b>	To provide the characteristics and functions of the central, peripheral, and autonomic nervous system to be understood; It is aimed to gain the ability to evaluate the cranial and peripheral nerve integrity and to distinguish the dysfunctions that may develop as a result of the dysfunction of these neuroanatomical structures.						
<b>Learning Outcomes</b>	<b>LO1</b>	Understands micro, macro anatomical and features of the central, peripheral and autonomic nervous systems					
	<b>LO2</b>	Identifies of the neuroanatomical structures and functions					
	<b>LO3</b>	Determines these structures between the motor sensory and perceptual process					
	<b>LO4</b>	Identifies signs and symptoms which are developed result of neuroanatomical structures dysfunctions					
	<b>LO5</b>						
	<b>LO6</b>						

### PART II (Faculty Board Approval)

		Program Outcomes	LO1	LO2	LO3	LO4	LO5	LO6	LO7
<b>Basic Outcomes (University-wide)</b>	<b>PO1</b>	Ability to communicate effectively and write and present a report in Turkish and English.		✓					
	<b>PO2</b>	Ability to work individually, and in intra-disciplinary and multi-disciplinary teams.		✓					
	<b>PO3</b>	Recognition of the need for life-long learning and ability to access information, follow developments in science and technology, and continually reinvent oneself.							
	<b>PO4</b>	Knowledge of project management, risk management, innovation and change management, entrepreneurship, and sustainable development.	✓						
	<b>PO5</b>	Awareness of sectors and ability to prepare a business plan.							
	<b>PO6</b>	Understanding of professional and ethical responsibility and demonstrating ethical behavior.	✓	✓	✓	✓			
<b>Faculty Specific Outcomes</b>	<b>PO7</b>	Having universal thoughts and values	✓						
	<b>PO8</b>	To be committed to academic and ethical values	✓						
	<b>PO9</b>	To provide qualified education, research and consultancy services at universal information and technology standards	✓						
	<b>PO10</b>	To be open to new goals, strategies and action plans that will take undergraduate and graduate education / training programs and scientific studies further	✓	✓	✓	✓			
	<b>PO11</b>	To support, maintain and increase interdisciplinary / multidisciplinary studies in the services provided.	✓						
	<b>PO12</b>	To contribute and develop health policies for the benefit of the country.	✓						
<b>Program Specific Outcomes</b>	<b>PO13</b>	Explains the theoretical knowledge about basic medicine and clinical sciences with the main lines and relates them to physiotherapy.	✓	✓					
	<b>PO14</b>	Applies Physiotherapy and Rehabilitation assessment methods, analyzes and interprets theoretical knowledge by associating	✓	✓		✓			
	<b>PO15</b>	Plans and implements the individual physiotherapy and rehabilitation program	✓	✓					
	<b>PO16</b>	Records and archives assessment and treatment data	✓	✓	✓	✓			
	<b>PO17</b>	Plans, conducts and presents a scientific research	✓	✓					
	<b>PO18</b>	Has effective communication skills	✓	✓					
	<b>PO19</b>	Defines professional duties and responsibilities legally and applies them within the framework of ethical principles.	✓	✓					
	<b>PO20</b>	Has lifelong learning skills related to the profession	✓	✓					

PO21	Can use foreign language effectively to follow professional developments	✓	✓						
PO22	Knows and applies quality, occupational health and safety issues related to the profession	✓	✓						

**PART III (Department Board Approval)**

Course Contents, Contribution of Course Contents to Learning Outcomes, and Methods for Assessing Learning of Course Contents	Subject	Week	Details of Course Contents	LO1	LO2	LO3	LO4	LO5	LO6	LO7
	S1	1	Basic features of the Periphreal nervous system and functions of the systems? Plexus	A1/A4	A1/A4	A1/A4	A1/A4			
	S2	2	Functions, clinical signs and symptoms in the Periphreal	A1/A4	A1/A4	A1/A4	A1/A4			
	S3	3	Functions and patalogies in the Medulla spinalis	A1/A4	A1/A4	A1/A4	A1/A4			
	S4	4	Anatomical features of the brain arteries and veins,membranes of the brain, cerebrospinal fluid	A1/A4	A1/A4	A1/A4	A1/A4			
	S5	5	Functions,functional areas and the pathologies of the	A1/A4	A1/A4	A1/A4	A1/A4			
	S6	6	Patologies and clinical features of the brain arteries and	A1/A4	A1/A4	A1/A4	A1/A4			
	S7	7	Functions and clinical patologies features in the	A1/A4	A1/A4	A1/A4	A1/A4			
	S8	8	Midterm Exam Week	A1/A4	A1/A4	A1/A4	A1/A4			
	S9	9	The limbic system and patologies	A1/A4	A1/A4	A1/A4	A1/A4			
	S10	10	Functions and clinical patologies features in the brainstem and cerebellum	A1/A4	A1/A4	A1/A4	A1/A4			
	S11	11	Functions and clinical patologies features in the descending and ascending pathways	A1/A4	A1/A4	A1/A4	A1/A4			
	S12	12	Functions of the autonomic nervous system and clinical	A1/A4	A1/A4	A1/A4	A1/A4			
	S13	13	Cranial nerves and pathologies	A1/A4	A1/A4	A1/A4	A1/A4			
	S14	14	Cranial nerves and pathologies	A1/A4	A1/A4	A1/A4	A1/A4			

Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules	No	Type	Weight	Implementation Rule	Make-Up Rule
	A1	Exam-Final Jury,Final Project	60%	One final exam is applied. Exam dates are announced by the faculty.	ABU's relevant regulation is applied.
	A2	Quiz			
	A3	Homework			
	A4	Midterm	40%	1 midterm exam (visa) is applied. Exam dates are announced by the faculty	ABU's relevant regulation is applied.
	A5	Project			
	A6	Presentation			
	A7	Attendance/Interaction			
	A8	Class/Lab./			
	A9	Others			
<b>TOTAL</b>			<b>100%</b>		

**Evidence of Achievement of Learning Outcomes** At least one question from each subject is asked during the exams. A weighted average is calculated for each student based on the percentage of each assessment method. Students are required to collect a minimum score over 100, which is announced by the instructor, to pass the course. This score is determined based on class average.

Method for Determining Letter Grade	Direct Conversion System ("DDS" in the regulation.)		<input checked="" type="checkbox"/>	Relative Evaluation ("BDS" in the regulation.)		<input type="checkbox"/>	
	A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below)						<input type="checkbox"/>
		Success Grade Range	Letter Success Note	Success Coefficient	Success Assessment		
		95-100	A+	4,00	Successful		
		85-94	A-	3,70	Successful		
		80-84	B+	3,30	Successful		
		75-79	B	3,00	Successful		
		65-74	B-	2,70	Successful		
		60-64	C+	2,30	Successful		
		55-59	C	2,00	Successful		
	50-54	C-	1,70	Passes			
	45-49	D+	1,30	Unsuccessful			
	40-44	D	1,00	Unsuccessful			
	0-39	F	0	Unsuccessful			

Teaching Methods, Student Work Load	No	Method	Explanation	Total Hours			
	<b>Time expected to be allocated by instructor</b>						
	1	Lecture	Lesson topics are explained by writing on the board or with a computer presentation. Sample questions are solved during the lesson.	28			
	2	Interactive Lecture					
	3	Recitation					
	4	Laboratory					
	5	Practical					
	6	Field Work					
	<b>Time expected to be allocated by student</b>						
	7	Project					
	8	Homework					
	9	Pre-class Learning of Course Material	New topics are learned before being taught in the classroom.	28			
	10	Review of Course Material	Topics are repeated to prepare for exams and assignments.	28			
	11	Studio					
	12	Office Hour	One-on-one meeting with the faculty member				
<b>Calculated ECTS Credit(s)</b>		<b>Max.</b>	<b>3</b>	<b>Min.</b>	<b>2</b>	<b>Grand Total</b>	<b>84</b>

**IV. PART**

<b>Instructor</b>	Name Surname	
	E-mail	
	Phone Number	
	Office Number	
	Office Hours	
<b>Course Materials</b>	Mandatory	
	Recommended	Snell Richard S. Clinical Neuroanatomy. Lippincott Williams & Wilkins, 2009 Haines Duane E. Neuroanatomy. An atlas of structures, sections and systems. Lippincott
<b>Other</b>	Scholastic Honesty	Kesici, T., Kocabaş Z. (2001) Bilgisayar , Ankara Üniversitesi Rektörlüğü Yayınları
	Students with Disabilities	Reasonable accommodations will be made for students with verifiable disabilities.
	Safety Issues	The course does not require any special security measures.
	Flexibility	Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.

Form No: ÜY-FR-1047 Yayın Tarihi 01.04.2021 Değ. No 0 Değ. Tarihi-