



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Development and Histology of the Nervous System							
Course Code		THE603		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	8	Workload	200 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		ability to have information about development and histology of the nervous system							
Course Content		development and histology of the central and peripheral nervous system							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Problem Solving					
Name of Lecturer(s)		Prof. Kemal ERGİN							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Histoloji Konu Anlatımı ve Atlas
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Week	Weekly Detailed Course Contents	
1	Theoretical	general view of nervous system
2	Theoretical	neuron
3	Theoretical	neuron
4	Theoretical	dendrites and axons
5	Theoretical	synapses
6	Theoretical	neurotransmitters
7	Theoretical	neuroglia
8	Intermediate Exam	mid-term exam
9	Theoretical	schwann cells and myelin
10	Theoretical	peripheral nervous system
11	Theoretical	peripheral nervous system
12	Theoretical	dura mater, arachnoid mater, pia mater
13	Theoretical	blood brain barrier
14	Theoretical	development of the nervous system
15	Theoretical	development of the nervous system
16	Final Exam	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	1	2	42
Assignment	14	2	3	70
Laboratory	8	2	2	32
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	ability to have information about neurons
2	ability to have information about glia cells
3	ability to have information about blood-brain barrier



4	ability to have information about development of the nervous system
5	ability to have information about peripheral nervous system

Programme Outcomes (Histology and Embryology Medical) Doctorate)

1	To have basic laboratory skills and attitudes
2	To be a scientist with strong educational background and presentation.
3	To have information about laboratory safety
4	To learn the histology and embryonic development of related organs and systems
5	To know the differences between related organs at the tissue level.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	4	3	5	4
P2	3	5	4	4	5
P3	4	4	3	5	4
P4	5	5	5	4	5
P5	4	4	3	5	4

