



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
HISTOLOGY AND EMBRYOLOGY
HISTOLOGY AND EMBRYOLOGY (MEDICAL)
HISTOLOGY AND EMBRYOLOGY (MEDICAL) MASTER'S WITHOUT THESIS
COURSE INFORMATION FORM

Course Title	Development and Anomaly of Vertebra and Extremity								
Course Code	THE525			Course Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	150 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Examination of vertebral and extremity development and learning of congenital malformations								
Course Content	In this course, the stages of vertebral and extremity development and the congenital malformations caused by the errors that may occur at these stages will be learned.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study								
Name of Lecturer(s)	Prof. Mehmet TURGUT								

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

Week	Weekly Detailed Course Contents	
1	Theoretical	cervical vertebrae
2	Theoretical	thoracic vertebrae
3	Theoretical	lumbar vertebrae
4	Theoretical	sacral vertebrae
5	Theoretical	coccygeal vertebrae
6	Theoretical	article discussion
7	Theoretical	vertebra developmental abnormalities
8	Intermediate Exam	midterm exam
9	Theoretical	upper extremity development
10	Theoretical	upper extremity development abnormalities
11	Theoretical	development of lower extremities
12	Theoretical	anomalies of lower extremity development
13	Theoretical	examination of patient samples
14	Theoretical	article discussion
15	Theoretical	article discussion
16	Final Exam	final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Assignment	10	2	2	40
Individual Work	10	0	4	40
			Total Workload (Hours)	150
			[Total Workload (Hours) / 25*] = ECTS	6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	learning the histological structure of the vertebra
2	learning the embryologic development of the vertebra
3	learning upper extremity development



4	learning lower extremity development
5	Vertebral and Extremity Development and Abnormalities

Programme Outcomes (*Histology and Embryology (Medical) Master's Without Thesis*)

1	To have detailed information about cell structure and function at microscopic level
2	To have theoretical and practical knowledge about experimental methods used in histology
3	To know the ethical rules for publishing and presenting a scientific study
4	To have sufficient knowledge about the laboratory methods used in fertilization and assisted reproduction
5	to have enough knowledge about the general characteristics of human embryology

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	3	5	4	3
P2	3	4	4	3	4
P3	4	3	4	4	4
P4	4	4	3	4	4
P5	4	4	2	4	4

