



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	Urinary System Histology and Embriyology								
Course Code	THE507	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	8	Workload	200 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	To learn basic information about histology and embryological development of urinary system organs								
Course Content	To learn histological structures and embryonic development processes of all organs of urinary system.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

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	Introduction to urinary system
2	Theoretical	kidney histology
3	Theoretical	bladder histology
4	Theoretical	ureter histology
5	Theoretical	urethra histology
6	Theoretical	histological differences in male and female urethra
7	Intermediate Exam	midterm exam
8	Theoretical	urinary system malformations
9	Theoretical	discussion of recent articles on urinary system
10	Theoretical	renal embryology
11	Theoretical	bladder embryology
12	Theoretical	ureteral embryology
13	Theoretical	urethra embryology
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
Lecture - Practice	14	3	2	70
Assignment	10	0	4	40
Individual Work	10	0	2	20
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	to learn renal histology and embryology
2	to learn bladder histology and embryology



3	to learn the histology and embryology of ureter
4	learn the histology and embryology of urethra
5	learning of congenital malformations of urinary system

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

