



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	General Human Embryology								
Course Code	THE503	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	6	Workload	154 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	To learn the general development of structures in intrauterine developmental periods								
Course Content	Gametogenesis phase of human development from birth to birth is explained.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)	Lec. Erkan GÜMÜŞ								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Moore İnsan Embriyolojisi
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to embryology, definition and history of embryology
2	Theoretical	Spermatogenesis
3	Theoretical	Oogenesis ve ovulation
4	Theoretical	Formation of zygote
5	Theoretical	Prenatal development stages
6	Theoretical	First week of development
7	Intermediate Exam	midterm exam
8	Theoretical	Second week of development
9	Theoretical	Third üçüncü haftası
10	Theoretical	Fourth-eighth weeks of development
11	Theoretical	Ninth-thirty-eighth weeks of development
12	Theoretical	Calculation of birth dates and twins
13	Theoretical	Development of fetus
14	Theoretical	Development of non-embryonic formations
15	Theoretical	Congenital malformations
16	Final Exam	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Assignment	10	0	7	70
Total Workload (Hours)				154
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to explain the formation of the zygote
2	To be able to explain the prenatal development periods
3	Understanding the basic structures and their development
4	Explain the structure and functions of non-embryonic formations



5	To explain birth defects and prenatal diagnosis
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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	4	3
P2	4	4	4	3	3
P3	3	4	3	4	3
P4	3	4	4	3	3
P5	4	3	3	4	4

