

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
HEAD and NECK ANATOMY and HISTOLOGY	HSED1214721	Spring Semester	3+2	4	8
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Third Cycle (Doctorate Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Prof.Dr. İlknur KESKİN				
<b>Name of Lecturer(s)</b>	Prof.Dr. İlknur KESKİN				
<b>Assistant(s)</b>					
<b>Aim</b>	The aim of the course is to learn the basic concepts of head and neck development, the embryonic process and congenital anomalies that may occur.				
<b>Course Content</b>	This course contains; Meiosis-mitosis division,Spermatogenesis,Oogenesis,Fertilization,Implantation,2nd and 3rd embryonic weeks,Midterm exam,Pharyngeal arches,Structures developing from the 1st and 2nd pharyngeal arches,Structures developing from the 1st and 2nd pharyngeal arches,Eye development,Ear development,Nose development,Final exam.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Explains the structures developing from the 1st and 2nd pharyngeal arches.			14, 9	A	
3.,4.,5. and 6. explain the structures that develop from the pharyngeal arches.			14, 9	A	
Describes basic information about the pharyngeal arch.			14, 9	A, E	
Explain the difference between meiosis and mitosis.			14, 9	A, E	
Explain the differences between spermatogenesis and oogenesis.			14, 9	A, E	
Explains eye development.			14, 9	A	
Explains ear development.			14, 9	A	
Explains the fertilization and implantation processes.			14, 9	A, E	
Explains ear development.			14, 9	A	
<b>Teaching Methods</b>	14: Self Study Method, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Meiosis-mitosis division	Reading the relevant course presentation			
2	Spermatogenesis	Reading the relevant course presentation			
3	Oogenesis	Reading the relevant course presentation			
4	Fertilization	Reading the relevant course presentation			
5	Implantation	Reading the relevant course presentation			
6	2nd and 3rd embryonic weeks	Reading the relevant course presentation			
7	Midterm exam	-			
8	Pharyngeal arches	Reading the relevant course presentation			
9	Structures developing from the 1st and 2nd pharyngeal arches	Reading the relevant course presentation			
10	Structures developing from the 1st and 2nd pharyngeal arches	Reading the relevant course presentation			
11	Eye development	Reading the relevant course presentation			
12	Ear development	Reading the relevant course presentation			
13	Nose development	Reading the relevant course presentation			
14	Final exam	-			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		50			
General Exam		50			

<b>Resources</b>
Lecture notes, literature