

### Course plan

<b>Year:</b> 1404	<b>Semester:</b> <input type="checkbox"/> First, <input checked="" type="checkbox"/> Second, <input type="checkbox"/> Summer	<b>Number of students:</b> 11								
<b>Major:</b> Medical Students – First Year	<input checked="" type="checkbox"/> Basic sciences, <input type="checkbox"/> Physiopathology	<b>Department:</b> Anatomical sciences								
<b>Course Title:</b> Anatomical Sciences of Special Senses	<input checked="" type="checkbox"/> Theoretical, <input checked="" type="checkbox"/> Practical	<b>Credit:</b> 0.82 credit hours for lecture (14 hours) 0.12 credit hours for practical (4 hours) <b>Code N.:</b> 215,216								
<b>Prerequisite:</b> Introduction to Anatomical Sciences	<b>Day &amp; Time:</b> Lecture: Saturday ١٠-١٢ Practical: Sunday 8-10	<b>Course type:</b>								
<b>Instructor:</b> Dr Maryam Anjomshoa	<b>Office address:</b> Room 22	<b>Tel:</b> 09131062131								
<b>Email:</b> Anjomshoa.m@gmail.com	<b>Response Hours and Days:</b> Wednesday 10-12	<b>Student representative name and mobile number:</b>								
<b>Main objective:</b> To teach principles, concepts, and knowledge regarding the macroscopic and microscopic structure and development of the visual and auditory systems.										
<b>On completion of this course, the student will be able to:</b> <ol style="list-style-type: none"> <li>١. By the end of the course, students should be able to understand and analyze the structure and function of the visual and auditory systems.</li> <li>٢. Students should be able to identify disorders and abnormalities of these systems.</li> <li>٣. Students should be able to interpret radiological anatomy of the visual and auditory systems.</li> </ol>										
<b>References (Text books):</b> <b>Anatomy:</b> 1.Gray's Anatomy for Students – Latest Edition, Head and Neck section 2.Snell's Clinical Anatomy – Latest Edition 3.Anatomy Atlases: Netter, Sobotta <b>Histology:</b> 1.Junqueira's Basic Histology: Text and Atlas, 17th Edition, 2024 2. Color Atlas of Histology" by Alex Stone, 5th Edition, 2020. 3.Wheater's Functional Histology: A Text and Colour Atlas – Barbara Young, Last Edition <b>Embryology:</b> 1.Langman's medical embryology 16th edition. by Thomas Sadler, 2024 2.The Developing Human by Keith Moore, last Edition.										
<b>Student evaluation and the value related to each evaluation:</b> (The assessment tools that will be used to test student ability to understand the course material and gain the skills and competencies stated in learning outcomes) <b>Theory:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 70%;">ASSESSMENT TOOLS</th> <th style="width: 30%;">From</th> </tr> </thead> <tbody> <tr> <td>Assignments</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Quiz</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Presence in online courses</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>			ASSESSMENT TOOLS	From	Assignments	1	Quiz	1	Presence in online courses	-
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<b>Midterm Exam</b>	-
<b>Final Exam (Written exam)</b>	18
<b>TOTAL MARKS</b>	<b>20</b>

Practical:

<b>ASSESSMENT TOOLS</b>	<b>From</b>
<b>Assignments</b>	1
<b>Quiz</b>	1
<b>Presence in online courses</b>	-
<b>Midterm Exam</b>	-
<b>Final Exam (Written exam)</b>	18
<b>TOTAL MARKS</b>	<b>20</b>

**Students responsibilities:**

1. Be on time for class. 2. Actively participate in class discussions. 3. Be prepared for Q&A after each session. 4. Purchase the necessary textbooks. 5. Keep mobile phones off during class

**Discipline and educational rules:**

**Course: Introduction to Anatomical Sciences**

- Attendance in **both theoretical and practical** sessions is mandatory.
- More than **2 unexcused absences** from practical sessions may result in removal from the course.
- Arriving more than **15 minutes late** will be marked as absent.
- Students are expected to maintain **silence and order** during sessions.
- Attendance in **midterm and final exams** is compulsory.
- Absence from exams will result in a **score of zero**.
- Students must maintain **appropriate dress code and professional behavior** in all educational settings

**Mid exam date: -**

**Final exam date: As university schedule**

Row	date	Time	Topic	Professor	References	Chapter	Pages
1	1403.11.20	2	Microscopic structure (histology) of the external, middle, and inner ear	Dr.Maryam Anjomshoa	.Junqueira's Basic Histology		
1. practical	1403.11.27	2	Review of slides from auditory and vestibular systems	Dr.Maryam Anjomshoa	Junqueira's Basic Histology - Wheater's Functional Histology		
2	1403.11.28	2	Development & congenital anomalies of auditory/vestibular	Dr.Maryam Anjomshoa	langman's medical embryology		

			system				
3	1403.12.4	2	Anatomical structure of the ear, CN VIII, age-related changes	Dr.Maryam Anjomshoa	Gray's Anatomy for Students – Snell's Clinical Anatomy		
2.Practical	1403.12.5	2	Anatomical review of ear with radiological views and surface anatomy	Dr.Maryam Anjomshoa	Gray's Anatomy for Students – Snell's Clinical Anatomy		
4	1403.12.11	2	Microscopic structure of the eye and its accessory organs	Dr.Maryam Anjomshoa	Junqueira's Basic Histology		
5	1403.12.18	2	Histological slides of eye: layers, conjunctiva, eyelids	Dr.Maryam Anjomshoa	Junqueira's Basic Histology - Wheater's Functional Histology		
6	1404.1.9	2	Eye development and congenital disorders	Dr.Maryam Anjomshoa	langman's medical embryology		
7	1404.1.16	2	Orbit, eye anatomy, eye muscles, neuromuscular coordination	Dr.Maryam Anjomshoa	Gray's Anatomy for Students – Snell's Clinical Anatomy		
8	1404.1.23	2	Vascularization and innervation of the eye, CN II, sensory nerves	Dr.Maryam Anjomshoa	Gray's Anatomy for Students – Snell's Clinical Anatomy		
9	1404.1.24	2	Anatomical study of the eye using models and cadaver, radiology	Dr.Maryam Anjomshoa	" Gray's Anatomy for Students – Snell's Clinical Anatomy		