

Human Anatomy Course Description Template (1)

This course description provides a concise summary of the main features of the course and the learning outcomes expected of the student, demonstrating whether the student has made the most of the learning opportunities available. It must be linked to the programme description.

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1- Education institution	University of Fallujah/ college of Medicine
2- Scientific	Human Anatomy
department/center	
3- Name course /code	Embryology ANTEmb-21
4- Available Attendance	Mandatory phusical attendance
forms	
5- Semester / year	Second stage- first semester
6- Number of study hours	35 ours (15 weeks)
(total)	
7-Date of preparation of this	4/1/2024
description.	
8-Course objectives	1. teaching gametogenesis.
	2. teaching bilaminar and trilaminar
	germ disc formation.
	3. learning organogenesis.
	4. describing fetal growth.
	5. review teratology.
	6. review placental formation and
	physiology.

9-Course outcomes, teaching, learning and assessment methods



Giving lectures, private lessons and laboratory sessions. Our general goal is to enable the student to employ his power of observation and interpretation to the maximum extent. Therefore, we continuously encourage student participation and evaluate learning outcomes throughout the course. B- Course specific skill objectives. Teaching on plastic models of embryos, Teaching sections of changing vertebrate embryos. Teaching and learning methods 1. Theoretical lectures 2. Practical laboratories 3. Explanations using histological slides 4. Explanations using plastic samples Evaluation methods 1. Short exams 2. Theoretical mid-term exam 3. Theoretical final exam C- Affective and value objectives 1. Encouraging commitment to the principles of embryological examination 2. Fracuraging attendance and love of the subject from a clinical perspective. Teaching and learning methods Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students. Evaluation methods Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students. Evaluation methods Following up on attendance and reasons for non-attendance Following up on attendance and reasons for non-attendance Following up on attendance and reasons related to this aspect	A- Cognitive objectives
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Evaluating students' answers to exam questions related to this aspect	Following up on educational supervision regarding the material
	Evaluating students' answers to exam questions related to this aspect



10- Cu	10- Curriculum				
Assesment	Teaching	Subject	outcomes	Hours	Weeks
	method				
Quizzes	lectures	Introduction to		3	1
(theory	,tutorials	embryology.			
	sessions				
Quizzes	lectures	female gametes.		3	2
(theory)	,tutorials				
	sessions				
Quizzes	lectures	male gametes.		3	3
(theory	,tutorials				
and	sessions				
practical)					
Quizzes	lectures	Fertilization.		3	4
(theory	,tutorials				
and	and				
practical)	laboratory				
	sessions				
Ομίζζες	lectures			3	5
(theory	tutorials	implantation of the		5	5
and	and	zvgote			
practical)	laboratory	-76			
, ,	sessions				
Quizzes	lectures	the second week of		3	6
(theory	,tutorials	gestation.			
and	and				
practical)	laboratory				
	sessions				



Quizzes	lectures	the third week of	3	7
(theory	,tutorials	gestation.		
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	Scheduled	3	8
(theory	,tutorials	examination.		
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	embryo from the 4 <sup>th</sup> -8 <sup>th</sup>	3	9
(theory	,tutorials	weeks.		
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The human fetus.	3	10
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The fetal membranes.	3	11
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The placenta.	3	12
(theory	,tutorials			
	and			



and	laboratory			
practical)	sessions			
Quizzes	lectures	The birth defects.	3	13
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	Teratology	3	14
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	Overview	3	15
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			

11- Reference	
Sadler TW (2000): Langman's medical embryology. 8 <sup>th</sup> Ed.William & Wilkins. Philadelphia.	Text book
Sadler TW (2000): Langman's medical embryology. 8 <sup>th</sup> Ed.William & Wilkins. Philadelphia.	Reference



Recommended books and references (scientific journals, reports, etc.)
Electronic references, websites

**Curriculum Development Plan** 

Human Anatomy Course Description Template (2)

1- Education institution	University of Fallujah/ college of Medicine
2- Scientific	Human Anatomy
department/center	
3- Name course /code	Embryology ANTEmb-22
4- Available Attendance	Mandatory physical attendance
forms	
5- Semester / year	Second stage- 2 <sup>nd</sup> semester
6- Number of study hours	45 hours (15 weeks)
(total)	
7- Date of preparation of	1/4/2024
this description.	



8- Course ob22jectives	1- Development of the skeletal system.
	2- Development of the muscular
	system.
	3- Development of the circulatory
	system.
	4- Development of the digestive system.
	5- Development of the nervous system.
	6- Development of the excretory system.
	7- Development of the reproductive
	system.

9-Course outcomes, teaching, learning and assessment
methods
A- Cognitive objectives
Giving lectures, private lessons and laboratory sessions. Our general goal is to enable
the student to employ his power of observation and interpretation to the maximum
extent. Therefore, we continuously encourage student participation and evaluate
learning outcomes throughout the course.
B- Course specific skill objectives.
Teaching on plastic models of embryos, Teaching sections of changing vertebrate
embryos.
Teaching and learning methods
1. Theoretical lectures
2. Practical laboratories
3. Explanations using histological slides
4. Explanations using plastic samples
Evaluation methods
1. Short exams
2. Theoretical mid-term exam
3. Theoretical final exam
C- Affective and value objectives
1- Encouraging commitment to the principles of embryological examination
2- Encouraging attendance and love of the subject
3- Giving a behavioral objective for the importance of the subject from a clinical
perspective.
Teaching and learning methods



Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.

**Evaluation methods** 

Following up on attendance and reasons for non-attendance

Following up on educational supervision regarding the material

Evaluating students' answers to exam questions related to this aspect

12-11. cu	rriculum				
Assessment	Teaching methods	Subjects	Outcome	Hours	Weeks
Quizzes (theory and practical)	lectures ,tutorials and laborator y sessions	Somitogenesis Myogenesis		3	1
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The skeletal system		3	2
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The nervous system		3	3
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The head and neck		3	4



Quizzes	lectures	The eye	3	5
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The ear	3	6
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	Mid-term examination	3	7
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The heart	3	8
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The vessels	3	9
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			
Quizzes	lectures	The gut tube.	3	10
(theory	,tutorials			
and	and			
practical)	laboratory			
	sessions			



Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	Derivatives of the gut tube	3	11
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The respiratory system	3	12
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The renal system	3	13
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The internal genital organs	3	14
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The external genital organs	3	15



13-12. Reference	
Sadler TW (2000): Langman's medical embryology. 8 <sup>th</sup> Ed.William & Wilkins. Philadelphia.	Text book
Sadler TW (2000): Langman's medical embryology. 8 <sup>th</sup> Ed.William & Wilkins. Philadelphia.	Reference
	Recommended books and
	references (scientific journals,
	Electronic references, websites

Human Anatomy Course Description Template (3)



1- Education institution	University of Fallujah/ college of Medicine		
2- Scientific	Human Anatomy		
department/center			
3- Name course /code	Histology ANTHis-21		
4- Available Attendance	Mandatory physical attendance		
forms			
5- Semester / year	Second stage- 1 <sup>st</sup> semester		
6- Number of study hours	60 hours (15 weeks)		
(total)			
7- Date of preparation of this	1/4/2024		
description.			
8- Course objectives	1- The student acquires the		
	scientific background and skill to		
	learn histological examination		
	and types of tissues in the body.		
	Also, knowledge of the		
	histological and cellular		
	formations of the various body		
	components.		
	2- The student understands the		
	importance of the structure and		
	function of organs and the close		
	relationship between tissues,		
	physiology, biochemistry and		
	pathology.		

9- Course outcomes, teaching, learning and assessment methods
A- Cognitive objectives
Giving lectures, private lessons and laboratory sessions. Our general goal is to enable
the student to employ his power of observation and interpretation to the maximum
extent. Therefore, we continuously encourage student participation and evaluate
learning outcomes throughout the course.
B- Course specific skill objectives.
Teaching on plastic models of embryos, Teaching sections of changing vertebrate
embryos.
Teaching and learning methods
1. Theoretical lectures
2. Practical laboratories



3. Explanations using histological slides

4. Explanations using plastic samples

Evaluation methods

1. Short exams

- 2. Theoretical mid-term exam
- 3. Theoretical final exam
  - C- Affective and value objectives
  - D- Encouraging commitment to the principles of embryological examination
  - E- Encouraging attendance and love of the subject
  - F- Giving a behavioral objective for the importance of the subject from a clinical perspective.

Teaching and learning methods

Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.

Evaluation methods

Following up on attendance and reasons for non-attendance

Following up on educational supervision regarding the material

Evaluating students' answers to exam questions related to this aspect

10-Reference	
Lectures	Textbook
BASIC HISTOLOGY (11 <sup>th</sup> . ed)	
Lab microscopic teaching talks	
Lectures	Reference
BASIC HISTOLOGY (11 <sup>th</sup> . ed)	
Lab microscopic teaching talks	
Seminars	

Stylersity of Faller					
10-	Curriculur	n			
Assessme nt	Teaching methods	Subjects	Outcome	Hours	Weeks
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	Characteristics of epithelial tissue, classification & function. Membranes and cell adhesion & cell surface specialization.		4	1
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	- Epithelial glands. - Connective tissue ground substance & types of fibers.		4	2
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	Connective tissue <u>cells</u> . - Types of connective tissue		4	3
	lectures ,tutorials and laboratory sessions	- Fiber typing.		4	4
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	Modified connective tissue: Cartilage. 10- Bone & ossification.		4	5



Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	- Blood & blood cells - Heamoposis		4	6
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	Muscles: skeletal muscles. - Mechanism of contraction		4	7
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	. Cardiac & smooth muscles. - Skin :Epidermis , Dermis & subcutaneous tissue.		4	8
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	- Hair and Hair follicle. - Glands of the skin.	\	4	9
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	- Midterm exam (Theory). H 20- the neurons		4	10



Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	<ul> <li>Synapses &amp; supporting tissue Nerve fibers, nerve and ganglia</li> <li>Cerebrum, Cerebellum &amp; spinal cord</li> </ul>	4	11
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	<ul> <li>The Circulatory System &amp; Capillaries</li> <li>AV anastomosis, arteries, Veins &amp; lymph vessels</li> </ul>	4	12
Quizzes (theory and practica l)	lectures ,tutorials and laboratory sessions	Heart, & its conductive system. . Diffuse & nodular lymphatic tissue, B & T-lymphocytes.	4	13
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	- Lymph Nodes & Tonsils, Thymus. - Spleen.	4	14
		Overview.		



#### 11-Curriculum development plan

Adding clinical applications and linking the curriculum to education systems in international universities for the purpose of studying electronic samples through globally applied programs.

Human Anatomy Course Description Template (4)

1- Education institution	University of Fallujah/ college of Medicine
2- Scientific	Human Anatomy
department/center	
3- Name course /code	Histology ANTHis-22
4- Available	Mandatory physical attendance
Attendance forms	
5- Semester / year	Second stage- 2 <sup>nd</sup> semester
6- Number of study	60 hours (15 weeks)
hours (total)	
7- Date of preparation	1/4/2024
of this description.	
8- Course objectives	3- The student acquires the
	scientific background and skill to
	learn histological examination
	and types of tissues in the body.
	Also, knowledge of the
	histological and cellular



formations of the various body
components.
4- The student understands the
importance of the structure and
function of organs and the close
relationship between tissues,
physiology, biochemistry and
pathology.

9- Course outcomes, teaching, learning and assessment methods
A- Cognitive objectives
Giving lectures, private lessons and laboratory sessions. Our general goal is to enable
the student to employ his power of observation and interpretation to the maximum
extent. Therefore, we continuously encourage student participation and evaluate
learning outcomes throughout the course.
B- Course specific skill objectives.
Teaching on plastic models of embryos, Teaching sections of changing vertebrate
embryos.
Teaching and learning methods
1. Theoretical lectures
2. Practical laboratories
3. Explanations using histological slides
4. Explanations using plastic samples
Evaluation methods
1. Short exams
2. Theoretical mid-term exam
3. Theoretical final exam
C- Affective and value objectives
1- Encouraging commitment to the principles of embryological
examination
2- Encouraging attendance and love of the subject
3- Giving a behavioral objective for the importance of the subject from a
clinical perspective.
Teaching and learning methods
Linking the presentation of the basic material to the clinical benefit, Ideal use of time for
discussions with students.
Evaluation methods



Following up on attendance and reasons for non-attendance Following up on educational supervision regarding the material Evaluating students' answers to exam questions related to this aspect



	12-curriculum					
	Assessme nt	Teaching methods	Subjects	outcome	Hours	Weeks
	Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	<ul> <li>-Digestive Tract; General structure, the oral cavity and tongue.</li> <li>- Pharynx and esophagus.</li> </ul>		4	1
	Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	<ul> <li>Stomach and Small intestine.</li> <li>-Large intestine &amp; appendix</li> </ul>		4	2
_	Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	-Organs associated with the digestive tract; . Pancreas. - Liver, gall bladder and biliary tract.		4	3
	Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	<ul> <li>Respiratory System; Nasal cavity, , larynx and trachea.</li> <li>Broncheal tree</li> </ul>		4	4
	Quizzes (theory	lectures ,tutorials and	The Lung.		4	5



and practical ) Quizzes (theory and practical )	laboratory sessions lectures ,tutorials and laboratory sessions	<ul> <li>The Urinary System I.</li> <li>The Kidney and nephrons</li> <li>The Urinary System II.</li> <li>Ureter, urinary bladdr, urethra.</li> </ul>	4	6
		عطنه ـ		
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	. Urinary system III. - Urinary system III.	4	7
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	. <i>Mid-term</i> <i>Examination (Theory).</i> - Endocrine glands ; Pituitary gland.	4	8
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	<ul> <li>Suprarenal glands.,</li> <li>thyroid and parathyroid glands.</li> <li>Pineal , Endocrine , Pancrease glands.</li> </ul>	4	9



Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	-The Male Reproductive System. - Prostate & Urethra.	4	10
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	<ul> <li>The Male Reproductive System; Accessory genital glands.</li> <li>The Female Reproductive System; Ovaries &amp; oviducts</li> </ul>	4	11
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	-Uterine stages & vagina.	4	12
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	-Mammary glands. Organs of Special Senses; Eye I.	4	13
Quizzes (theory and practical )	lectures ,tutorials and laboratory sessions	-Organs of Special Senses; Eye II. - Organs of Special Senses; Ear I.	4	14



Quizzes	lectures	-Organs of Special	4	15
(theory	,tutorials and	Senses; Ear II.		
and	laboratory			
practical	sessions	- Over veiw.		
)				

13-Reference	
Lectures	Textbook
BASIC HISTOLOGY (11 <sup>th</sup> . ed)	
Lab microscopic teaching talks	
Lectures	Reference
BASIC HISTOLOGY (11 <sup>th</sup> . ed)	
Lab microscopic teaching talks	
	Recommended books and
	references (scientific journals,
	reports, etc.)
	Electronic references,
	websites

# 14- Curriculum development plan



Human Anatomy Course Description Template (5)

1- Education institution	University of Fallujah/ college of Medicine
2- cientific	Human Anatomy
department/center	
3- Name course /code	Histology ANTant-12
4- Available Attendance	Mandatory physical attendance
forms	
5- Semester / year	1 <sup>st</sup> stage- 2 <sup>nd</sup> semester
6- Number of study hours	135 hours (15 weeks)
(total)	
7- Date of preparation of	1/4/2024
this description.	
8- Course objectives	1- Introduce students to basic
	anatomical concepts



2- Describe the anatomy of the upper
and lower extremities
3- Direct students towards the
importance of anatomy in clinical
practice

9- Course outcomes, teaching, learning and assessment					
methods					
A- Cognitive objectives					
Giving lectures, private lessons and laboratory sessions. Our general goal is to enable					
the student to employ his power of observation and interpretation to the maximum					
extent. Therefore, we continuously encourage student participation and evaluate					
learning outcomes throughout the course.					
B- Course specific skill objectives.					
Teaching on plastic models of embryos, Teaching sections of changing vertebrate					
embryos.					
Teaching and learning methods					
1. Theoretical lectures					
2. Practical laboratories					
3. Explanations using histological slides					
4. Explanations using plastic samples					
Evaluation methods					
1. Short exams					
2. The cretical final event					
C Affective and value objectives					
1. Encouraging commitment to the principles of embryological					
examination					
2- Encouraging attendance and love of the subject					
3- Giving a behavioral objective for the importance of the subject					
from a clinical perspective.					
Teaching and learning methods					
Linking the presentation of the basic material to the clinical benefit, Ideal use of time for					
discussions with students.					
Evaluation methods					
Following up on attendance and reasons for non-attendance					
Following up on educational supervision regarding the material					
Evaluating students' answers to exam questions related to this aspect					



General and transferable skills (other skills related to employability and personal development).

D1- Enhance self-confidence to give presentations

D2- Present, write and prepare reports

D3- Identify anatomical details of the human body

D4- Link theoretical knowledge with practical observations

10-	Curriculur	n.			
Assessmen t method	Teaching methods	Subjects	outcome	Hours	Weeks
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Introduction to Anatomy: Anatomical Terminology. Basic Anatomical Structures: Skin and Fascia	Basic Anatomy Concepts	9	1
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Bones: Anatomy and Radiological Features Muscles, Blood Vessels, Joints and Nervous System	مفاهيم التشريح الأساسية	9	2
Theoretica l and practical	Theoreti cal lectures	Superficial structures of the upper limb:	Upper limb anatomy	9	3



exams, discussion sessions and reports	and practical labs	anterior pectoralis major, posterior pectoralis major. Joints of the thoracic region			
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Shoulder muscles. Shoulder joint: functional and clinical anatomy.	Upper limb anatomy	9	4
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Armpit: borders, blood vessels and lymph nodes. Brachial plexus	Upper limb anatomy	9	5
Theoretica l and practical exams, discussion sessions	Theoreti cal lectures and practical labs	Arm: Front compartment Arm: Rear compartment	Upper limb anatomy	9	6



TheoreticaTheoretielbow pit and joint, flexor compartment of the forearm and extensor compartment of the forearm and extensor compartment of the forearmUpper limb anatomy97Theoreticalectures exams, and reportsand the forearmcompartment of the forearmanatomy97Theoreticaneoreti the forearmcompartment of the forearmanatomy98I and reportscal blood vessels of the forearm. Radioulnar joint. HandUpper limb anatomy98Theoretica exams, and reportsNerves and blood vessels of the forearm. Radioulnar joint. HandUpper limb anatomy99Theoretica and reportsTheoreti superficial thigh structures.Lower limb anatomy99Theoretica l and cal practical l lecturesSuperficial thigh structures.Lower limb anatomy99Theoretica and reportsTheoreti cal blood vesselsLower limb anatomy99Theoretica l and cal practical l ecturesFemoral triangle and femoral sheath. Anterior and adductor compartments of the thighLower limb seture910	and reports					
I and practical exams, and 	Theoretica	Theoreti	elbow pit and	Upper limb	9	7
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reportsImage: constraint of the second s	and					
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sessions and reportslabs Anterior and adductor compartments of the thighfemoral sheath. Anterior and adductor compartments of the thighTheoreticaTheoretiGluteal region.Lower limb910	discussion	practical	triangle and			
and reportsAnterior and adductor compartments of the thighImage: Compartment of the thighTheoreticaTheoretiGluteal region.Lower limb910	sessions	labs	femoral sheath.			
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TheoreticaTheoretiGluteal region.Lower limb910			of the thigh			
	Theoretica	Theoreti	Gluteal region.	Lower limb	9	10
I and cal Posterior anatomy	l and	cal	Posterior	anatomy		



practical exams, discussion sessions and reports	lectures and practical labs	compartment of the thigh. Hip joint			
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Popliteal fossa. Anterior and lateral compartments of the leg.	Lower limb anatomy	9	11
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Back of foot. Posterior compartment of leg.	Lower limb anatomy	9	12
Theoretica l and practical exams, discussion sessions and reports	Theoreti cal lectures and practical labs	Knee joint. Sole of foot	Lower limb anatomy	9	13



Theoretica	Theoreti	Ankle	Lower limb	9	14
l and	cal	joint and foot	anatomy		
practical	lectures	joints. Venous			
exams,	and	drainage of the			
discussion	practical	lower extremity			
sessions	labs				
and					
reports					
Theoretica	Theoreti	Lower	Lower limb	9	15
l and	cal	extremity nerve	anatomy		
practical	lectures	injuries.			
exams,	and	Standing and			
discussion	practical	walking.			
sessions	labs				
and					
reports					

11- Reference	
- Moore KL & Dalley AF (2006): Clinically Oriented Anatomy. 5th Ed. Lippincott Williams & Wilkins. Philadelphia	Textbook
- Snell RS (2011): Clinical anatomy by regions. 9 <sup>th</sup> Ed. Williams & Wilkins. Philadelphia	References
- Abrahams P: McMinn's interactive clinical anatomy (CD)	



- Jaffar A & Al-Salihi A (2000): Selected topics in anatomy (CD). Al-Nahrain University publication.	
- Moffat DB (1987): Lecture notes on anatomy. Blackwell publications. Oxford	Recommended books and references (scientific journals, reports, etc.)
- Weir J & Abrahams P: Imaging atlas of the human body (CD)	Electronic references, websites

## 12- Curriculum development plan

Integration of the anatomical approach with the curricula of medical biology, histology and embryology.



Human Anatomy Course Description Template (6)

1- Education institution	University of Fallujah/ college of Medicine
2- cientific	Human Anatomy
3- Name course /code	Histology ANTant-12
4- Available Attendance forms	Mandatory physical attendance
5- Semester / year	Second stage- 2nd semester
6- Number of study hours (total)	135 hours (15 weeks)
7- Date of preparation of this description.	1/4/2024
8- Course objectives	1-Describe the anatomy of the chest,
	abdomen and pelvis



2- Direct students towards the importance of anatomy in clinical practice
-

9- Course outcomes, teaching, learning and assessment				
methods				
A-Cognitive objectives				
Giving lectures, private lessons and laboratory sessions. Our				
general goal is to enable the student to employ his power of				
observation and interpretation to the maximum extent. Therefore,				
we continuously encourage student participation and evaluate				
learning outcomes throughout the course.				
B-Course specific skill objectives.				
Teaching on plastic models of embryos, Teaching sections of				
changing vertebrate embryos.				
Teaching and learning methods				
1. Theoretical lectures				
2. Practical laboratories				
3. Explanations using histological slides				
4. Explanations using plastic samples				
Evaluation methods				
1. Short exams				
2. Theoretical mid-term exam				
3. Theoretical final exam				
c- Affective and value objectives				
1- Encouraging commitment to the principles of				
embryological examination				
2- Encouraging attendance and love of the subject				
3- Giving a behavioral objective for the importance				
of the subject from a clinical perspective.				
Teaching and learning methods				



Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.

Evaluation methods

Following up on attendance and reasons for non-attendance

Following up on educational supervision regarding the material

Evaluating students' answers to exam questions related to this aspect

General and transferable skills (other skills related to employability and personal development).

D1- Enhance self-confidence to give presentations

D2- Present, write and prepare reports

D3- Identify anatomical details of the human body

D4- Link theoretical knowledge with practical observations

10- (	Curriculum				
	Teaching	Subjects	outcome	Hour	Weeks
Assessment	methods				
Theoretical	Theoretica	Anatomy of the	Chest	9	1
and	l lectures	intercostal	Anatomy		
practical	and	space. Pleura.			
exams,	practical	Mechanisms of			
discussion	labs	breathing. Lung			
sessions					
and reports					
Theoretical	Theoretica	Heart:	Chest	9	2
and	l lectures	Pericardium.	Anatomy		
practical	and	External			
exams,	practical	features. Surface			
discussion	labs	and radiographic			
sessions		anatomy.			
and reports		Internal			
		features. Blood			



		supply and nervous system			
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Breast. Anterior mediastinum. Superior mediastinum. Posterior mediastinum	Chest Anatomy	9	3
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Topographic and applied anatomy of the anterior abdominal wall. Inguinal region and testicle	abdomina l anatomy	9	4
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	General organization of the peritoneum. Peritoneal spaces	abdomina l anatomy	9	5
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Esophagus, stomach, spleen, duodenum, pancreas	abdomina l anatomy	9	6



Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Liver and biliary system	abdomina l anatomy	9	7
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Small intestine. Large intestine. Blood supply to the digestive system	abdomina l anatomy	9	8
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Posterior abdominal wall: Muscles, vessels and nerves. Diaphragm. Kidneys and ureters. Pain pathways	abdomina l anatomy	9	9
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Pelvic walls: bones, muscles, ligaments, and joints	Pelvic anatomy	9	10



Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Pelvic walls: gender differences, measurements, and variations. Pelvic ligament, peritoneum. Bladder, prostate	Pelvic anatomy	9	11
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Male internal reproductive organs. Female internal reproductive organs: uterus, fallopian tubes, ovaries and vagina. Rectum and anal canal	Pelvic anatomy	9	12
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Knee joint. Sole of foot	Pelvic anatomy	9	13
Theoretical and practical exams, discussion	Theoretica l lectures and	Blood vessels and nerves in the pelvis	Pelvic anatomy	9	14



sessions and reports	practical labs				
Theoretical and practical exams, discussion sessions and reports	Theoretica l lectures and practical labs	Perineum: urogenital triangle. External genitalia. Anal triangle and ischiorectal fossa	Pelvic anatomy	9	15
11- I	Reference				
- Moore KL & Dalley AF (2006): Clinically Oriented Anatomy. 5th Ed. Lippincott Williams & Wilkins. Philadelphia		Textbook			
- Snell RS (2011): Clinical anatomy by regions. 9 <sup>th</sup> Ed. Williams & Wilkins. Philadelphia		Main refer	ence		
- Abrahams P: McMinn's interactive clinical anatomy (CD)					
- Jaffar A & Al-Salihi A (2000): Selected topics in anatomy (CD). Al-Nahrain University publication.					
- Moffat DB (1987): Lecture notes on anatomy. Blackwell publications. Oxford			Recommer references reports, etc	nded books (scientific c.)	and journals,



- Weir J & Abrahams P: Imaging atlas of the	Electronic references,
human body (CD)	websites

### 12- Curriculum Development Plan

Integration of the anatomical curriculum with the curricula of medical biology, histology and embryology



Human Anatomy Course Description Template (7)

This course description provides a concise summary of the main features of the course and the learning outcomes expected of the student, demonstrating whether the student has made the most of the learning opportunities available. It must be linked to the programme description.

1- Education institution	University of Fallujah/ college of
	Medicine
2- cientific	Human Anatomy
department/center	
3- Name course /code	Histology ANTant-12
4- Available Attendance	Mandatory physical attendance
forms	
5- Semester / year	Second stage- 2nd semester
6- Number of study hours	135 hours (15 weeks)
(total)	
7- Date of preparation of this	1/4/2024
description.	
8- Course objectives	1-Describe the anatomy of the chest,
	abdomen and pelvis
	2- Direct students towards the
	importance of anatomy in clinical
	practice

9- Course outcomes, teaching, learning and assessment methods
 A-Cognitive objectives
 Giving lectures, private lessons and laboratory sessions. Our general goal is to enable the student to employ his power of observation and interpretation to the maximum extent. Therefore,



we continuously encourage student participation and evaluate learning outcomes throughout the course.

B-Course specific skill objectives.

Teaching on plastic models of embryos, Teaching sections of

changing vertebrate embryos.

Teaching and learning methods

- 1. Theoretical lectures
- 2. Practical laboratories
- 3. Explanations using histological slides
- 4. Explanations using plastic samples

Evaluation methods

- 1. Short exams
- 2. Theoretical mid-term exam
- 3. Theoretical final exam

C-Affective and value objectives

- 1- Encouraging commitment to the principles of embryological examination
- 2- Encouraging attendance and love of the subject
- 3- Giving a behavioral objective for the importance of the subject from a clinical perspective.

Teaching and learning methods

Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.

Evaluation methods

Following up on attendance and reasons for non-attendance

Following up on educational supervision regarding the material

Evaluating students' answers to exam questions related to this aspect

General and transferable skills (other skills related to employability and personal development).

D1- Enhance self-confidence to give presentations

D2- Present, write and prepare reports

D3- Identify anatomical details of the human body

D4- Link theoretical knowledge with practical observations



### **10-Curriculum Development Plan**

Integration of the anatomical curriculum with the curricula of medical biology, histology and embryology

11-Reference	
<ul> <li>Moore KL &amp; Dalley AF (2006): Clinically</li> <li>Oriented Anatomy. 5th Ed. Lippincott Williams</li> <li>&amp; Wilkins. Philadelphia</li> <li>Snell R (2010): Clinical Neuroanatomy. 7<sup>th</sup></li> <li>Ed. Lippincott Williams &amp; Wilkins. Philadelphia</li> </ul>	Textbook
- Snell RS (2011): Clinical anatomy by regions. 9 <sup>th</sup> Ed. Williams & Wilkins. Philadelphia	Main reference
- Abrahams P: McMinn's interactive clinical anatomy (CD)	
- Jaffar A & Al-Salihi A (2000): Selected topics in anatomy (CD). Al-Nahrain University publication.	
- Moffat DB (1987): Lecture notes on anatomy.	Recommended books and
Blackwell publications. Oxford	references (scientific journals, reports, etc.)
- Weir J & Abrahams P: Imaging atlas of the human body (CD)	Electronic references, websites



12.0	urriculum				
assessme	Teaching	Subjects	Outcome	Hours	Weeks
nt	method				
Theoretic	Theoretic	Gross anatomy	Anatomy of the	9	1
al and	al	of the brain	nervous system		
practical	lectures				
exams,	and				
discussio	practical				
n sessions	labs				
and					
reports					
Theoretic	Theoretic	Localization of	Anatomy of the	9	2
al and	al	functions in the	nervous system		
practical	lectures	cerebral cortex			
exams,	and				
discussio	practical				
n sessions	labs				
and					
reports					
Theoretic	Theoretic	Blood supply to	Anatomy of the	9	3
al and	al	the brain.	nervous system		
practical	lectures	Meninges and			
exams,	and	circulation of			
discussio	practical	cerebrospinal			
n sessions	labs	fluid and spinal			
and		cord			
reports					
Theoretic	Theoretic	Cranial nerves	Anatomy of the	9	4
al and	al		nervous system		
practical	lectures				



exams, discussio n sessions and reports	and practical labs				
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Limbic system. Cerebellum. Diencephalon	Anatomy of the nervous system	9	5
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Basal ganglia. Spinal cord	Anatomy of the nervous system	9	6
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Superficial anatomy, parts, and fascia of the neck. Triangles of the neck	Head and neck anatomy	9	7



Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Blood vessels of the neck. Thyroid and parathyroid glands. Neck viscera. Prevertebral and suboccipital areas	Head and neck anatomy	9	8
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Neck root. Scalp and facial muscles. Nerves and blood vessels of the face	Head and neck anatomy	9	9
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Parotid region. Infratemporal fossa: muscles, blood vessels, nerves	Head and neck anatomy	9	10
Theoretic al and practical exams,	Theoretic al lectures and	Pteropalatine fossa. Temporomandi bular joint.	Head and neck anatomy	9	11



discussio n sessions and reports	practical labs	Mouth and throat. Submandibular region			
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Ear, orbit and eyeball	Head and neck anatomy	9	12
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Nose and sinuses. Pharynx	Head and neck anatomy	9	13
Theoretic al and practical exams, discussio n sessions and reports	Theoretic al lectures and practical labs	Larynx. Lymphatic drainage of the head and neck.	Head and neck anatomy	9	14



Theoretic	Theoretic	Sectional	Head and neck	9	15
al and	al	anatomy of the	anatomy		
practical	lectures	head and neck			
exams,	and				
discussio	practical				
n sessions	labs				
and					
reports					