



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 department/center	Human Anatomy
3- Name course /code	Embryology ANTEmb-21
4- Available Attendance forms	Mandatory physical attendance
5- Semester / year	Second stage- first semester
6- Number of study hours (total)	35 ours (15 weeks)
7-Date of preparation of this description.	4/1/2024
8-Course objectives	<ol style="list-style-type: none"> 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



<p>A- Cognitive objectives</p> <p>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.</p>
<p>B- Course specific skill objectives.</p> <p>Teaching on plastic models of embryos, Teaching sections of changing vertebrate embryos.</p>
<p>Teaching and learning methods</p> <ol style="list-style-type: none"> 1. Theoretical lectures 2. Practical laboratories 3. Explanations using histological slides 4. Explanations using plastic samples
<p>Evaluation methods</p> <ol style="list-style-type: none"> 1. Short exams 2. Theoretical mid-term exam 3. Theoretical final exam
<p>C- Affective and value objectives</p> <ol style="list-style-type: none"> 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.
<p>Teaching and learning methods</p> <p>Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.</p>
<p>Evaluation methods</p> <p>Following up on attendance and reasons for non-attendance</p> <p>Following up on educational supervision regarding the material</p> <p>Evaluating students' answers to exam questions related to this aspect</p>



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



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



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

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

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



8- Course objectives	
	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. curriculum					
Assessment	Teaching methods	Subjects	Outcome	Hours	Weeks
Quizzes (theory and practical)	lectures ,tutorials and laboratory 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 (theory and practical)	lectures ,tutorials and laboratory sessions	The eye		3	5
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The ear		3	6
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	Mid-term examination		3	7
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The heart		3	8
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The vessels		3	9
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	The gut tube.		3	10



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. 8th Ed. William & Wilkins. Philadelphia.	Text book
Sadler TW (2000): Langman's medical embryology. 8th Ed. William & Wilkins. Philadelphia.	Reference
	Recommended books and references (scientific journals, reports, etc.)
	Electronic references, websites...

Human Anatomy Course Description Template (3)

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- Scientific department/center	Human Anatomy
3- Name course /code	Histology ANTHis-21
4- Available Attendance forms	Mandatory physical attendance
5- Semester / year	Second stage- 1 st semester
6- Number of study hours (total)	60 hours (15 weeks)
7- Date of preparation of this description.	1/4/2024
8- Course objectives	<p>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.</p> <p>2- The student understands the importance of the structure and function of organs and the close relationship between tissues, physiology, biochemistry and pathology.</p>


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	
<ol style="list-style-type: none"> 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 BASIC HISTOLOGY (11 th . ed) Lab microscopic teaching talks	Textbook
Lectures BASIC HISTOLOGY (11 th . ed) Lab microscopic teaching talks Seminars	Reference



10- Curriculum					
Assessment	Teaching methods	Subjects	Outcome	Hours	Weeks
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	 Characteristics of epithelial tissue, classification & function. Membranes and cell adhesion & cell surface specialization.		4	1
Quizzes (theory and practical)	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	<u>Connective tissue cells.</u> - Types of connective tissue		4	3
	lectures ,tutorials and laboratory sessions	- Fiber typing.		4	4
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	Modified connective tissue: Cartilage. 10- Bone & ossification.		4	5



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



Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	- Synapses & supporting tissue Nerve fibers, nerve and ganglia - Cerebrum, Cerebellum & spinal cord		4	11
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	- The Circulatory System & Capillaries - AV anastomosis, arteries, Veins & lymph vessels		4	12
Quizzes (theory and practical)	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)

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- Scientific department/center	Human Anatomy
3- Name course /code	Histology ANTHis-22
4- Available Attendance forms	Mandatory physical attendance
5- Semester / year	Second stage- 2 nd semester
6- Number of study hours (total)	60 hours (15 weeks)
7- Date of preparation of this description.	1/4/2024
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



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

9- Course outcomes, teaching, learning and assessment methods	
<p>A- Cognitive objectives</p> <p>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.</p>	
<p>B- Course specific skill objectives.</p> <p>Teaching on plastic models of embryos, Teaching sections of changing vertebrate embryos.</p>	
<p>Teaching and learning methods</p> <ol style="list-style-type: none"> 1. Theoretical lectures 2. Practical laboratories 3. Explanations using histological slides 4. Explanations using plastic samples 	
<p>Evaluation methods</p> <ol style="list-style-type: none"> 1. Short exams 2. Theoretical mid-term exam 3. Theoretical final exam 	
<p>C- Affective and value objectives</p> <ol style="list-style-type: none"> 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. 	
<p>Teaching and learning methods</p> <p>Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.</p>	
<p>Evaluation methods</p>	



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					
Assessment	Teaching methods	Subjects	outcome	Hours	Weeks
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	-Digestive Tract; General structure, the oral cavity and tongue. - Pharynx and esophagus.		4	1
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	- Stomach and Small intestine. -Large intestine & appendix		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	- Respiratory System; Nasal cavity, , larynx and trachea. - Broncheal tree		4	4
Quizzes (theory	lectures ,tutorials and	The Lung.		4	5



and practical)	laboratory sessions	- The Urinary System I. The Kidney and nephrons			
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	-The Urinary System II. Ureter, urinary bladder, urethra. - <u>الطب</u>		4	6
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	. Mid-term Examination (Theory). - Endocrine glands ; Pituitary gland.		4	8
Quizzes (theory and practical)	lectures ,tutorials and laboratory sessions	- Suprarenal glands. , thyroid and parathyroid glands. - Pineal , Endocrine , Pancrease glands.		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	-The Male Reproductive System; Accessory genital glands. - The Female Reproductive System; Ovaries & oviducts		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 (theory and practical)	lectures ,tutorials and laboratory sessions	-Organs of Special Senses; Ear II. - Over veiw.		4	15

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

14- Curriculum development plan



Human Anatomy Course Description Template (5)

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- Scientific department/center	Human Anatomy
3- Name course /code	Histology ANTant-12
4- Available Attendance forms	Mandatory physical attendance
5- Semester / year	1 st stage- 2 nd 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- Introduce students to basic anatomical concepts



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

9- Course outcomes, teaching, learning and assessment methods	
A- Cognitive objectives	<p>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.</p>
B- Course specific skill objectives.	<p>Teaching on plastic models of embryos, Teaching sections of changing vertebrate embryos.</p>
Teaching and learning methods	<ol style="list-style-type: none"> 1. Theoretical lectures 2. Practical laboratories 3. Explanations using histological slides 4. Explanations using plastic samples
Evaluation methods	<ol style="list-style-type: none"> 1. Short exams 2. Theoretical mid-term exam 3. Theoretical final exam
C- Affective and value objectives	<ol style="list-style-type: none"> 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	<p>Linking the presentation of the basic material to the clinical benefit, Ideal use of time for discussions with students.</p>
Evaluation methods	<p>Following up on attendance and reasons for non-attendance</p> <p>Following up on educational supervision regarding the material</p> <p>Evaluating students' answers to exam questions related to this aspect</p>



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.					
Assessment method	Teaching methods	Subjects	outcome	Hours	Weeks
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Introduction to Anatomy: Anatomical Terminology. Basic Anatomical Structures: Skin and Fascia	Basic Anatomy Concepts	9	1
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Bones: Anatomy and Radiological Features Muscles, Blood Vessels, Joints and Nervous System	مفاهيم التشريح الأساسية	9	2
Theoretical and practical	Theoretical 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			
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Shoulder muscles. Shoulder joint: functional and clinical anatomy.	Upper limb anatomy	9	4
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Armpit: borders, blood vessels and lymph nodes. Brachial plexus	Upper limb anatomy	9	5
Theoretical and practical exams, discussion sessions	Theoretical lectures and practical labs	Arm: Front compartment Arm: Rear compartment	Upper limb anatomy	9	6



and reports					
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	elbow pit and joint, flexor compartment of the forearm and extensor compartment of the forearm	Upper limb anatomy	9	7
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Nerves and blood vessels of the forearm. Radioulnar joint. Hand	Upper limb anatomy	9	8
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Superficial thigh structures. Femoral triangle and femoral sheath. Anterior and adductor compartments of the thigh	Lower limb anatomy	9	9
Theoretical and	Theoretical	Gluteal region. Posterior	Lower limb anatomy	9	10



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



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

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 th Ed. Williams & Wilkins. Philadelphia - Abrahams P: McMinn's interactive clinical anatomy (CD)	References



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

<p>12- Curriculum development plan</p>
<p>Integration of the anatomical approach with the curricula of medical biology, histology and embryology.</p>



Human Anatomy Course Description Template (6)

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- scientific department/center	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	
<p>A-Cognitive objectives</p> <p>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.</p>	
<p>B-Course specific skill objectives.</p> <p>Teaching on plastic models of embryos, Teaching sections of changing vertebrate embryos.</p>	
<p>Teaching and learning methods</p> <ol style="list-style-type: none"> 1. Theoretical lectures 2. Practical laboratories 3. Explanations using histological slides 4. Explanations using plastic samples 	
<p>Evaluation methods</p> <ol style="list-style-type: none"> 1. Short exams 2. Theoretical mid-term exam 3. Theoretical final exam 	
<p>c- Affective and value objectives</p> <ol style="list-style-type: none"> 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. 	
<p>Teaching and learning methods</p>	



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



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



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



Theoretical and practical exams, discussion sessions and reports	Theoretical 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	Theoretical 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	Theoretical lectures and practical labs	Knee joint. Sole of foot	Pelvic anatomy	9	13
Theoretical and practical exams, discussion	Theoretical 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	Theoretical lectures and practical labs	Perineum: urogenital triangle. External genitalia. Anal triangle and ischiorectal fossa	Pelvic anatomy	9	15

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 th Ed. Williams & Wilkins. Philadelphia - Abrahams P: McMinn's interactive clinical anatomy (CD) - Jaffar A & Al-Salihi A (2000): Selected topics in anatomy (CD). Al-Nahrain University publication.	Main reference
- 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...
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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- Scientific department/center	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 Development Plan

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

11-Reference

<ul style="list-style-type: none"> - Moore KL & Dalley AF (2006): Clinically Oriented Anatomy. 5th Ed. Lippincott Williams & Wilkins. Philadelphia - Snell R (2010): Clinical Neuroanatomy. 7th Ed. Lippincott Williams & Wilkins. Philadelphia 	Textbook
<ul style="list-style-type: none"> - Snell RS (2011): Clinical anatomy by regions. 9th Ed. Williams & Wilkins. Philadelphia - Abrahams P: McMinn's interactive clinical anatomy (CD) - Jaffar A & Al-Salihi A (2000): Selected topics in anatomy (CD). Al-Nahrain University publication. 	Main reference
<ul style="list-style-type: none"> - Moffat DB (1987): Lecture notes on anatomy. Blackwell publications. Oxford 	Recommended books and references (scientific journals, reports, etc.)
<ul style="list-style-type: none"> - Weir J & Abrahams P: Imaging atlas of the human body (CD) 	Electronic references, websites



12. Curriculum					
assessment	Teaching method	Subjects	Outcome	Hours	Weeks
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Gross anatomy of the brain	Anatomy of the nervous system	9	1
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Localization of functions in the cerebral cortex	Anatomy of the nervous system	9	2
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Blood supply to the brain. Meninges and circulation of cerebrospinal fluid and spinal cord	Anatomy of the nervous system	9	3
Theoretical and practical	Theoretical lectures	Cranial nerves	Anatomy of the nervous system	9	4



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



Theoretical and practical exams, discussion sessions and reports	Theoretical 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
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Neck root. Scalp and facial muscles. Nerves and blood vessels of the face	Head and neck anatomy	9	9
Theoretical and practical exams, discussion sessions and reports	Theoretical lectures and practical labs	Parotid region. Infratemporal fossa: muscles, blood vessels, nerves	Head and neck anatomy	9	10
Theoretical and practical exams,	Theoretical lectures and	Pteropalatine fossa. Temporomandibular joint.	Head and neck anatomy	9	11



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



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