University of Babylon
College of Medicine
Department of Human Anatomy

Class: Second
Subject: Histology
Code: MeHli200002
Theoretical Units: 2 / Practical Units: 1
First Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per week	Practical Session Topics	Hours per week
1	1st.week	**Digestive Tract** 1. Introduction I 2. Introduction II	2	**Digestive Tract** 1. Lips and tongue 2. Pharynx	3
2	2nd.week	1. Oral cavity 2. Oral cavity	2	1. Esophagus 2. Stomach	3
3	3rd.week	1. Esophagus 2. Stomach	2	1. Esophagus 2. Stomach	3
4	4th.week	1. Small intestine 2. Large intestine & Rectum	2	1. Small intestine 2. Large intestine and Rectum	3
5	5th.week	**Digestive tract: associated organs** 1. Salivary Glands 2. Salivary Glands	2	1. Anal canal & gall bladder 2. Salivary Glands	3
6	6th.week	Liver and pancreas Liver and pancreas	2	1. Liver and pancreas 2. Liver and pancreas	3
7	7th.week	**Circulatory System** 1. Vascular wall 2. Structural plan of blood vessels **MIDCOURSE EXAM**	2	Vascular system **MIDCOURSE EXAM**	3
8	8th.week	1. Lymphatic vascular system **Respiratory system** 2. Respiratory epithelium / Nasal cavities smell (olfaction)	2	Lymphatic vascular system	3
9	9th.week	1. Sinuses & nasopharynx, 2. Larynx, trachea	2	**Respiratory system**	3
10	10th.week	1. Bronchial tree &lung 2. Respiratory epithelium / Nasal cavities smell (olfaction)	2	**Respiratory system**	3
11	11th.week	**Bone** 1. Bone structure 2. Types Of Bone	2	**Bone** Bone structure	3
12	12th.week	**Immune system & Lymphoid organs** 1- Antigens, Antibodies, Cytokines 2- Classes & Actions of antibodies	2	Lymph nodes	3

13	13th.week	1. Cells of immune system 2. Major histocompatibility complex (MHC) & antigen presentation	2	Cells of immune system	3
14	14th.week	1. Antigen-presenting Cells (APCS)/ Types of immune responses 2. Lymphoid Tissue ,Thymus/ Role of the thymus in T cell maturation	2	Thymus	3
15	15th.week	1. mucosa-associated lymphoid tissue (MALT), Lymph nodes, Role of lymph nodes in the immune response 2. Recirculation of Lymphocytes/ Spleen, Splenic Pulp, Blood Flow in the Red Pulp	2	Spleen and MALT	3

Lecturers:

1. Lecturer Maryam M. Borhan
2. Lecturer Asmaa M. Meki
3. Lecturer Reem A. Al-raheem
4. Assist lect. Zaineb M. Jassim

مقرر الانسجة/ الكورس الثاني

University of Babylon
College of Medicine
Department of Human Anatomy

Class: Second
Subject: Histology

Code: MeHlii200007
Theoretical Units: 2 / Practical Units: 1
Second Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per week	Practical Session Topics	Hours per week
1	1st.week	**Central Nervous System** 1. Glial cells & neuronal activity 2. Satellite cells of Ganglia	1	**CNS** Cerebral and cerebellar cortex Spinal cord and Nerve fibers	3
2	2nd.week	1. Cerebral & cerebellar cortex 2. Autonomic and peripheral ganglia	1	Autonomic and peripheral ganglia	3
3	3rd.week	**Urinary system** Kidney / Blood circulation	1	**Urinary system** Kidney/ Blood circulation	3
4	4th.week	Ureters, bladder, urethra	1	Ureters , urethra, bladder	3
5	5th.week	**Skin** 1. Dermis, subcutaneous tissue, vessels & sensory receptors 2. Nails, Sebaceous & Sweat glands	1	Skin	3
6	6th.week	**Endocrine glands** Pituitary gland: Blood supply, hypothalamo-hypophyseal Portal syst./ anterior & posterior pituitary	1	**Endocrine glands** Pituitary gland (hypophysis)	3
7	7th.week	1. Adrenal glands:, Adrenal cortex, Fetal adrenal cortex, Adrenal medulla Blood supply 2. Pancreatic islets/ Diffuse neuroendocrine system	1	Adrenal glands / Pancreatic islets, Diffuse neuroendocrine system	3
8	8th.week	1. Thyroid gland, Control of thyroid function, Storage and release of thyroid hormone, 2. Parathyroid glands/ Pineal gland **MIDCOURSE EXAM**	1	Thyroid gland/ Parathyroid glands/ Pineal gland **MIDCOURSE EXAM**	3

9	9th.week	**Male Reproductive system** Testes & Intratesticular ducts	1	**Male Reproductive system** Testis/ Seminal vesicles & prostate	3
10	10th.week	1. Excretory genital ducts/Accessory glands 2. Prostate glands	1	Male urethra & accessory gland Ovary	3
11	11th.week	**Female Reproductive system** 1. Ovaries 2. Early development of the ovary	1	Uterine tubes, accessory glands	3
12	12th.week	Uterine tubes, Vagina**,** Uterus, placenta	1	Uterus and Placenta	3
13	13th.week	Mammary glands	1	Mammary glands	3
14	14th.week	**Special sense organs (eye)** Eyes: the photoreceptor system	1	The eye	3
15	15th.week	**Special sense organs (ear)**	1	The ear	3

Lecturers:

1. Lecturer Maryam M. Borhan
2. Lecturer Asmaa M. Meki
3. Lecturer Reem A. Al-raheem
4. Assist lect. Zaineb M. Jassim

مقرر التشريح / الكورس الاول

University of Babylon
College of Medicine
Department of Human Anatomy

Class: Second
Subject: Anatomy
Code: MeANi200001
Theoretical Units: 2 / Practical Units: 3
First Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per week	Practical Session Topics	Hours per week
1	1st.week	**Head and Neck** 1- Introduction: Regions & Surface marks 2- Neck: Posterior triangle	2	**Head and Neck** 1- Introduction Bones, Fascia, 2- Posterior triangle	6
2	2nd.week	1- Submental & submandibular triangles 2- Carotid triangle & Major vessels	2	1- Suprahyoidtriangles 2- Carotid triangle	6
3	3rd.week	1- Muscular triangle & thyroid gland and root of the neck and Prevertebral region 2- Parotid region, Face & facial skeleton	2	1- Muscular triangle, thyroid gland & root of neck 2- Parotid, face & facial skeleton	6
4	4th.week	1- Scalp/ Skull (ant., post., sup.,& lat. views) 2- Temporal fossa, mandible and TMJ	2	1- Scalp & Skull (ant., post., sup., & lat. views) 2- Temporal fossa & mandible	6
5	5th.week	1- Infratemporal & pterygopalatine fossa 2- Nose and paranasal sinuses	2	1- Infratemporal & pterygopalatine fossa 2- Nose & paranasal sinuses	6
6	6th.week	1- Oral cavity and submandibular region 2- Pharynx, Soft palate and inferior view of skull	2	1- Oral cavity & submandibular region 2- Pharynx, soft palate and inferior view of skull	6
7	7th.week	1- Larynx 2- Orbital cavity content	2	1- Larynx 2- Orbital cavity content	6
8	8th.week	1- Eye ball 2- Ear	2	1- Eye ball 2- Ear	6
9	9th.week	**MIDCOURSE EXAM** **Neuroanatomy** 1- Cranial cavity: osteology 2- Cranial cavity: meninges, dural sinuses & content	2	**MIDCOURSE EXAM** **Neuroanatomy** 1- Cranial cavity: osteology 2- Cranial cavity: meninges, dural	6

				sinuses & content	
10	10th.week	1- Cerebrum: Gross anatomy & functional area 2- Blood supply of brain	2	1- Cerebrum 2- Blood supply of brain	6
11	11th.week	1- Ventricular system & CSF circulation 2- Spinal cord topography, meninges and blood supply	2	1- Ventricles & CSF 2- Spinal cord external view	6
12	12th.week	1- Spinal cord: tracts 2- Midbrain, Pons and Medulla	2	1- Spinal cord internal structure 2- Midbrain, Pons & Medulla	6
13	13th.week	1- Cerebellum 2- Diencephalon	2	1- Cerebellum 2- Diencephalon	6
14	14th.week	1- Basal nuclei 2- Limbic and reticular systems	2	1- Basal nuclei 2- Limbic and reticular systems	6
15	15th.week	1- Cranial nerves 2- Cranial nerves	2	1- Cranial nerves 2- Cranial nerves	6

Lecturers:

1. Assist prof. Haythem Ali AL-sayigh
2. Assist lect. Firas M. Ghazi
3. Assist lect. Nawras Najah
4. Assist lect. Rafah Sh. Mohesen

مقرر التشريح/ الكورس الثاني

University of Babylon

College of Medicine

Department of Human Anatomy

Class: Second

Subject: Anatomy
Code: MeANii200006
Theoretical Units: 2 / Practical Units: 3
Second Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per week	Practical Session Topics	Hours per week
1	1st.week	**Abdomen** 1- Anterior wall:, bones, muscles, & rectus sheath 2- Vessels, nerves & applied anatomy	2	**Abdomen** 1- Anterior Abdominal wall 2- Anterior Abdominal wall	6
2	2nd.week	1- Inguinal region and canal 2- Abdominal cavity: General topography	2	1- Inguinal region 2- Abdominal viscera	6
3	3rd.week	1- Peritoneum and its spaces 2- Development of gut & abdominal pain	2	1- Peritoneum & spaces 2- Anatomy of abdominal pain	6
4	4th.week	1- Esophagus, Stomach and lesser sac 2- Small & Large intestine	2	1- Esophagus, Stomach and lesser sac 2- Small & large intestine	6
5	5th.week	1- Gut: Vessels and nerves 2- Liver and biliary tree	2	1- Gut: vessels & nerves 2- Liver & biliary tree	6
6	6th.week	1- Spleen & pancreas 2- Posterior abdominal wall & diaphragm	2	1- Spleen & pancreas 2- Posterior abdominal wall & diaphragm	6
7	7th.week	1- kidney, ureters and suprarenal 2- Major abdominal vessels and portosystemic anastomosis	2	1- Kidney, ureters and suprarenal 2- Major abdominal vessels	6
8	8th.week	**Pelvis:** 1- Pelvic bones, walls& floor 2- Pelvic cavity: inlet, outlet, content, fascia and peritoneum **MIDCOURSE EXAM**	2	**Pelvis:** 1- Pelvic boundaries 2- Pelvic cavity: inlet, outlet, content, fascia and peritoneum **MIDCOURSE EXAM**	6
9	9th.week	1- Male pelvis: rectum, urinary bladder	2	1- Rectum, urinary bladder	6

		2- Male pelvis: internal genital organs		2- Male internal genital organs	
10	10th.week	1- Female internal genital organs 2- Pelvic vessels and nerves	2	1- Female inner genital organs 2- Pelvic vessels and nerves	6
11	11th.week	1- Applied anatomy: fractures & internal bleeding 2- applied anatomy: pelvic collections and pain	2	1- Fractures & internal bleeding 2- Pelvic collections and pain	6
12	12th.week	**Perineum** 1- Anal canal & ischiorectal fossa 2- Urogenital triangle: perineal pouches	2	**Perineum** 1- Anal canal & ischioanal fossa 2- Urogenital triangle	6
13	13th.week	1- Male urogenital region 2- Male urogenital region	2	1- Male urogenital region 2- Male urogenital region	6
14	14th.week	1- Female urogenital region 2- Female urogenital region	2	1- Female urogen. region 2- Female urogen. region	6
15	15th.week	1- Applied anatomy: abdomen & pelvis 2- Applied anatomy: abdomen & pelvis	2	1- Applied anatomy 2- Applied anatomy	6

Lecturers:

1. Assist prof. Haythem Ali AL-sayigh
2. Assist lect. Firas M. Ghazi
3. Assist lect. Nawras Najah
4. Assist lect. Rafah Sh. Mohesen

مقرر الاجنة/ الكورس الاول

University of Babylon
College of Medicine
Department of Human Anatomy

Class: Second

Subject: Embryology
Code: MeEmi200003
Theoretical Units: 1 / Practical Units: 0
First Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per week	Practical Session Topics	Hours per week
1	1st.week	1. Introduction and terminology	1		
2	2nd.week	2. Gametogenesis	1		
3	3rd.week	3. Ctyodifferentiation (morphological changes during maturation of GAMETES), ovulation and hormonal control	1		
4	4th.week	4. First week of development: oocyte transport, corpus formation, fertilization and implantation.	1		
5	5th.week	5. Clinical application: contraceptive methods and infertility treatment	1		
6	6th.week	6. 2nd Week of development: bilaminar germ disc, clinical correlates: abnormal implantation	1		
7	7th.week	7. 3rd Week of development: trilaminar germ disc, establishment of body axis	1		
8	8th.week	8. Third to eighth Week of development: organogenesis, germ layers derivatives **MIDCOURSE EXAM**			
9	9th.week	9. Development of Paraxial mesoderm	1		
10	10th.week	10. Fetal period: The main external features of the embryos and fetuses.	1		
11	11th.week	11. Development of placenta Features of full term placenta, function and clinical correlates.	1		
12	12th.week	12. Umbilical cord, amnion, Twin pregnancy & parturition	1		
13	13th.week	13. Birth defects	1		
14	14th.week	14. Intraembryonic cavities	1		
15	15th.week	15. Intraembryonic cavities			

Lecturers :Assist prof. Haythem Ali AL-sayigh

مقرر الاجنة/ الكورس الثاني

University of Babylon
College of Medicine
Department of Human Anatomy

Class: Second
Subject: Embryology
Code: MeEmii200008
Theoretical Units: 1 / Practical Units: 0
Second Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per week	Practical Session Topics	Hours per week
1	1st.week	1. Respiratory system	1		
2	2nd.week	2. Musculoskeletal system	1		
3	3rd.week	3. Development of head and neck	1		
4	4th.week	4. Development of head and neck	1		
5	5th.week	5. Cardiovascular system: heart tube and its derivatives, septation of heart chambers	1		
6	6th.week	6. Cardiovascular system: arterial development, congenital heart defects	1		
7	7th.week	7. Digestive system: foregut midgut, hindgut formation	1		
8	8th.week	8. Digestive system: foregut midgut, hindgut formation **MIDCOURSE EXAM**			
9	9th.week	9. Central nervous system: formation of brain vesicles and its derivatives, spinal cord formation.	1		
10	10th.week	10. Central nervous system: neural tube defect, brain morphogenesis.	1		
11	11th.week	11. Urogenital system: urinary system	1		
12	12th.week	12. Urogenital system: genital system	1		
13	13th.week	13. Special sense: the ear	1		
14	14th.week	14. Special sense: the eye	1		
15	15th.week	15. Integumentary system, stem cell.	1		

Lecturers :Assist prof. Haythem Ali AL-sayigh