

المقررات الدراسية لفرع  
الجراحة في كلية الطب  
جامعة بابل للعام الدراسي

٢٠١٨-٢٠١٩

للمراحل الثالثة والرابعة  
والخامسة والسادسة

University of Babylon  
College of Medicine  
Department of Surgery

Class: third

Subject: general surgery

Code: MeGEi300006

Theoretical Units: 1 / Practical Units: 0

First Course 2018-2019

No	No. of weeks	Theoretical Hours	
		Theory Lecture Topics	Hours per weeks
1	1 <sup>st</sup> .week	Metabolic response to injury	1
2	2 <sup>nd</sup> .week	Shock and blood transfusion	1
3	3 <sup>rd</sup> .week	Shock and blood transfusion	1
4	4 <sup>th</sup> .week	Surgical infection and sterilization	1
5	5 <sup>th</sup> .week	Surgical infection and sterilization	1
6	6 <sup>th</sup> .week	Preoperative patient preparation	1
7	7 <sup>th</sup> .week	Preoperative patient preparation	1
8	8 <sup>th</sup> .week	Care in operative room	1
9	9 <sup>th</sup> .week	Care in operative room	1
10	10 <sup>th</sup> .week	Postoperative care	1
11	11 <sup>th</sup> .week	Postoperative care	1

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12	12 <sup>th</sup> week	Nutrition and fluid therapy	1
13	13 <sup>th</sup> week	Nutrition and fluid therapy	1
14	14 <sup>th</sup> week	Perioperative care of high risk surgical patients	1
15	15 <sup>th</sup> week	Perioperative care of high risk surgical patients	1

Lecturers:

1. Assist prof. Ameer S. Tawfeeq
2. Assist prof. Rafid F. Al-husaini
3. Prof. Kareem S. Al-aaraji
4. Lecturer Amani A. Saied
5. Assist prof. Ali K. Alshaali

اللجنة العلمية

أ. د. صفاء صاحب رئيساً  
أ. د. عماد حسن محمود عضواً  
أ. د. عبد الرزاق السلطان عضواً  
أ. د. عامر عجرش عضواً  
أ. د. احمد نورس عضواً

University of Babylon  
College of Medicine  
Department of surgery

Class: third

Subject: general surgery

Code: MeGEii300015

Theoretical Units: 1 / 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	1 <sup>st</sup> .week	Wound tissue repair and scar	1	Introduction to history taking	2
2	2 <sup>nd</sup> .week	Wound tissue repair and scar	1	Introduction to history taking	2
3	3 <sup>rd</sup> .week	Skin tumours	1	Chief complaint and duration	2
4	4 <sup>th</sup> .week	Principles of transplantation	1	History of present illness	2
5	5 <sup>th</sup> .week	Principles of transplantation	1	History of present illness	2
6	6 <sup>th</sup> .week	Burn	1	History of present illness	2
7	7 <sup>th</sup> .week	Diseases of peripheral arteries <b>Midcourse exam</b>	1	Review of system <b>Midcourse exam</b>	2

8	8 <sup>th</sup> .week	Diseases of peripheral arteries	1	Review of system	2
9	9 <sup>th</sup> .week	Principle of laparoscopic surgery	1	Review of system	2
10	10 <sup>th</sup> .week	Principle of laparoscopic surgery	1	Past history (medical, surgical, drug)	2
11	11 <sup>th</sup> .week	Principle of robotic surgery	1	Social history	2
12	12 <sup>th</sup> week	Diseases of veins	1	Personal history	2
13	13 <sup>th</sup> week	Diseases of veins	1	Family history	2
14	14 <sup>th</sup> week	Diseases of lymphatics	1	Gynecologic history	2
15	15 <sup>th</sup> week	Diseases of lymphatics	1	Past history (medical, surgical, drug)	2

Lecturers:

1. Assist prof. Rafid F. Al-husaini
2. Assist prof. Walaa L Al-falluji
3. Assist prof. Haider S. Al-saffar
4. Lecturer Bahir S. Allawi

اللجنة العلمية

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أ.د. صفاء صاحب رئيسا  
أ.د. عماد حسن محمود عضوا  
أ.د. عبد الرزاق السلطان عضوا  
أ.د. عامر عجرش عضوا  
أ.د. احمد نورس عضوا

University of Babylon  
College of Medicine  
Department of surgery

Class: Fourth

Subject: surgery

Code: MeGSi400004

Theoretical Units: 3 / Practical Units: 1

First Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 <sup>st</sup> .week	Neck mass Diseases of tongue and oral cavity	3	Principle of physical examination.	2
2	2 <sup>nd</sup> .week	Diseases of salivary gland	3	Examination of General appearance of patient	2
3	3 <sup>rd</sup> .week	Diseases of thyroid and parathyroid gland	3	Vital signs	2
4	4 <sup>th</sup> .week	The adrenal and other intra-abdominal endocrine disorder	3	Head and neck examination	2
5	5 <sup>th</sup> .week	The breast.	3	Head and neck examination	2
6	6 <sup>th</sup> .week	Abdominal wall hernia and the umbilicus	3	Breast examination	2
7	7 <sup>th</sup> .week	The esophagus <b>MIDCOURSE EXAMINATION</b>	3	Breast examination <b>MIDCOURSE EXAM</b>	2

8	8 <sup>th</sup> .week	The stomach, duodenum and bariatric surgery	3	Examination of the abdomen	2
9	9 <sup>th</sup> .week	The small and large intestine	3	Examination of the abdomen	2
10	10 <sup>th</sup> .week	The rectum, Anus and anal canal	3	Examination of the abdomen	2
11	11 <sup>th</sup> .week	The gall bladder and bile duct, The pancreas	3	Examination of the abdomen	2
12	12 <sup>th</sup> .week	The vermiform appendix, Intestinal obstruction	3	Signs of acute appendicitis	2
13	13 <sup>th</sup> .week	Urinary system symptoms, and investigation	3	Examination of urinary system.	2
14	14 <sup>th</sup> .week	Interventional urology, contrast imaging and endoscopy	3	Examination of urinary system.	2
15	15 <sup>th</sup> .week	Diseases of kidneys and ureter. Infection, urolithiasis and tumours Percutaneous nephrolithotomy	3	Examination of urinary system.	2

Lecturers:

1. Prof. Emad H. Mahmood
2. Prof. Abd Al-ghani J Al-dabbagh
3. Prof. Kareem S. Al-aaraji
4. Assist. Prof. Ali K. Al-shaali
5. Assist. Prof. Salah H Al-janabi
6. Assist. Prof. Ameer S. Tawfeeq
7. Assist. Prof. Kadhim J. Al-hamdani
8. Prof. Mahmood Al-mukhtar
9. Assist. Prof. Muhammed R Judi
10. Assist. Prof. Wadhah A. Al-marzooq

اللجنة العلمية

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أ. د. عبد الرزاق السلطان عضواً  
أ. د. عامر عجرش عضواً  
أ. د. احمد نورس عضواً

University of Babylon  
College of Medicine  
Department of surgery

Class: fourth

Subject: surgery

Code: MeGSii400011

Theoretical Units: 3 / Practical Units: 2

Second Course 2018-2019

No	No. of weeks	Theoretical Hours		Practical Hours	
		Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 <sup>st</sup> .week	Upper and lower GIT bleeding	3	Jaundice and liver examination	4
2	2 <sup>nd</sup> .week	The liver	3	Jaundice and liver examination	4
3	3 <sup>rd</sup> .week	The spleen	3	Examination of spleen	4
4	4 <sup>th</sup> .week	Acute abdomen, the peritoneum, omentum and retroperitoneum	3	Signs of acute abdomen	4
5	5 <sup>th</sup> .week	Principles of laparoscopic and robotic surgery	3	Examination of lymph adenopathy	4
6	6 <sup>th</sup> .week	GIT endoscopy	3	Abdominal stoma	4
7	7 <sup>th</sup> .week	Intra-abdominal hypertension and compartment syndrome	3	Examination of ulcer and gangrene	4



8	8 <sup>th</sup> .week	Intra-abdominal hypertension and compartment syndrome <b>MID COURSE EXAMINATION</b>	3	Peripheral arterial examination <b>MID COURSE EXAM</b>	4
9	9 <sup>th</sup> .week	Diseases of The ureter 1-congenital anomalies 2- stones and injuries	3	Peripheral arterial examination	4
10	10 <sup>th</sup> .week	Diseases of The urinary bladder 1- Congenital anomaly 2- Infection and tumors	3	Examination of hernia	4
11	11 <sup>th</sup> .week	Diseases of Prostate and seminal vesicle	3	Examination of hernia	4
12	12 <sup>th</sup> .week	Diseases of Urethra and penis	3	Per rectum examination, prostate examination.	4
13	13 <sup>th</sup> .week	Diseases of Testis and scrotum	3	Per rectum examination, prostate examination	4
14	14 <sup>th</sup> .week	Renal failure (acute and chronic)	3	Scrotal examination	4
15	15 <sup>th</sup> .week	1- male infertility and impotence. 2- Inter sex	3	Scrotal examination	4

Lecturers:

1. Prof. Emad H. Mahmood
2. Prof. Abd Al-razzaq Al-salman
3. Assist. Prof. Ahmed T. Alzubaidi
4. Assist. Prof. Ali K. Al-shaali
5. Assist. Prof. Salah H Al-janabi
6. Assist. Prof. Ameer S. Tawfeeq
7. Assist. Prof. Kadhim J. Al-hamdani
8. Prof. Mahmood Al-mukhtar
9. Assist. Prof. Muhammed R Judi
10. Assist. Prof. Wadhah A. Al-marzooq

اللجنة العلمية

أ.د. صفاء صاحب رئيساً  
أ.د. عماد حسن محمود عضواً  
أ.د. عبد الرزاق السلطان عضواً  
أ.د. عامر عجرش عضواً  
أ.د. احمد نورس عضواً

University of Babylon  
College of Medicine  
Department of surgery

Class: sixth

Subject: surgery

Code: MeGEa600001

Theoretical Units: 0

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Practical Units: 12

First Course 2018-2019

No	No. of weeks	Practical Hours	
		Practical Session Topics	Hours per week
1	1 <sup>st</sup> .week	Introduction to communication with surgical patient.	12
2	2 <sup>nd</sup> .week	Introduction to communication with surgical patient.	12
3	3 <sup>rd</sup> .week	Introduction to communication with surgical patient.	12
4	4 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) General surgery	12
5	5 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) General surgery	12
6	6 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) General surgery	12
7	7 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Urology,	12
8	8 <sup>th</sup> .week	Clinical training in the surgical word (case	12

		discussion) Urology,	
9	9 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Urology,	12
10	10 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Orthopedics.	12
11	11 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Orthopedics.	12
12	12 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Orthopedics.	12
13	13 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Pediatric surgery,	12
14	14 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Pediatric surgery,	12
15	15 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Pediatric surgery,	12
16	16 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Cardiothoracic surgery,	12
17	17 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) Cardiothoracic surgery,	12
18	18 <sup>rd</sup> .week	Clinical training in the surgical word (case discussion) Cardiothoracic surgery,	12
19	19 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) neurosurgery.	12
20	20 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) neurosurgery.	12
21	21 <sup>th</sup> .week	Clinical training in the surgical word (case discussion) neurosurgery.	12
22	22 <sup>th</sup> .week	Clinical training in the surgical emergency unite .	12
23	23 <sup>th</sup> .week	Clinical training in the surgical emergency unite .	12
24	24 <sup>th</sup> .week	Clinical training in the surgical emergency unite .	12
25	25 <sup>th</sup> .week	Clinical training in the operative theater	12
26	26 <sup>th</sup> .week	Clinical training in the operative theater	12
27	27 <sup>th</sup> .week	Clinical training in the operative theater	12
28	28 <sup>th</sup> .week	practical training in the skills lab.	12
29	29 <sup>th</sup> .week	practical training in the skills lab.	12
30	30 <sup>th</sup> .week	practical training in the skills lab.	12

#### Trainer

1. Prof. Emad H. Mahmood
2. Prof. Amir E. Al-khfaji
3. Prof. Abd Al-ghani J Al-dabbagh
4. Prof. Kareem S. Al-aaraji
5. Assist. Prof. Ali K. Al-shaali
6. Assist. Prof. Salah H Al-janabi
7. Assist. Prof. Ameer S. Tawfeeq
8. Assist. Prof. Kadhim J. Al-hamdani

9. Prof. Mahmood Al-mukhtar
10. Assist. Prof. Muhammed R Judi
11. Assist. Prof. Wadhah A. Al-marzooq
12. Assist. Prof. aiser H. uraibi
13. Assist. Prof. Adil H. Al-hindawi
14. Assist. Prof. Jameel Tahseen
15. Assist. Prof. Muhamnd A. Hussain

اللجنة العلمية

رئيساً	أ.د. صفاء صاحب
عضوا	أ.د. عماد حسن محمود
عضوا	أ.د. عبد الرزاق السلطان
عضوا	أ.د. عامر عجرش
عضوا	أ.د. احمد نورس

University of Babylon  
College of Medicine  
Department of surgery

Class: fifth

Subject: ENT

Code: MeENa500003

Theoretical Units: 1 / 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	1 <sup>st</sup> .week	laryngology : anatomy, histology and physiology of pharynx	1	History and examination of the ear	1
2	2 <sup>nd</sup> .week	Tonsillitis and tonsillectomy	1	Case presentation in ENT	1
3	3 <sup>rd</sup> .week	Adenoid hypertrophy and adenoidectomy	1	Examination of the nose	1
4	4 <sup>th</sup> .week	Congenital anomalies of the larynx	1	Examination of throat	1
5	5 <sup>th</sup> .week	Vocal cord nodules	1	Postoperative care for ENT cases	1
6	6 <sup>th</sup> .week	Laryngeal infection	1	ENT emergencies	1

7	7 <sup>th</sup> .week	Stridor : definition and causes	1	Instrument in ENT	1
8	8 <sup>th</sup> .week	Tumours of the larynx	1	X-ray in ENT	1
9	9 <sup>th</sup> .week	Tracheostomy	1	Nasal septal deviation	1
10	10 <sup>th</sup> .week	Laryngeal trauma	1	Nasal polyposis	1
11	11 <sup>th</sup> .week	Neurological affection of the larynx	1	Turbinate hypertrophy	1
12	12 <sup>th</sup> .week	Rhinology: anatomy, histology and physiology of smell	1	Acute and chronic sinusitis	1
13	13 <sup>th</sup> .week	Condition of external nose	1	epistaxis	1
14	14 <sup>th</sup> .week	Epistaxis	1	rhinitis	1
15	15 <sup>th</sup> .week	Sinusitis and its complication	1	Dealing with nasal obstruction	1
16	16 <sup>st</sup> .week	Trauma to the nose and facial skeleton Management of nose fracture	1	Hoarseness of voice	1
17	17 <sup>nd</sup> .week	Nasal deviation and foreign bodies	1	Neck masses	1
18	18 <sup>rd</sup> .week	Rhinitis, types and management	1	dysphagia	1
19	19 <sup>th</sup> .week	Benign and malignant tumour of the nose	1	Otitis externa	1
20	20 <sup>th</sup> .week	Otology: ear anatomy, physiology of hearing	1	Otitis media	1
21	21 <sup>th</sup> .week	Otitis externa	1	Chronic supportive otitis	1
22	22 <sup>th</sup> .week	Vertigo	1	vertigo	1
23	23 <sup>th</sup> .week	Tinnitus	1	tinnitus	1
24	24 <sup>th</sup> .week	Assessment of hearing, vesticulometric tests	1	Hearing loss	1
25	25 <sup>th</sup> .week	Otitis media	1	Audiological assessment	1
26	26 <sup>th</sup> .week	Various approaches to middle ear	1	Ear wash	1
27	27 <sup>th</sup> .week	Facial pain and headache	1	Foreign body removal	1
28	28 <sup>th</sup> .week	Foreign body in the ear	1	Electric cauterization	1
29	29 <sup>th</sup> .week	Types and causes of hearing loss	1	Uses of flexible endoscopy	1
30	30 <sup>th</sup> .week	Fascial nerve palsy	1	Discussion of ENT cases	1

Lecturers:

1. prof. Safaa S. Al-ghazali
2. Prof. Saad Aljebouri
3. Assist prof. Maithem witwit
4. Assist prof. Safaa Al-turaihi

اللجنة العلمية

أ. د. صفاء صاحب رئيسا  
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 أ. د. عامر عجرش عضوا  
 أ. د. احمد نورس عضوا

University of Babylon  
 College of Medicine  
 Department of surgery

Class: fifth

Subject: general surgery

Code: MeSEi500001

Theoretical Units: 7 / Practical Units: 4

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	1 <sup>st</sup> .week	Diagnosis in orthopedics	3	Principle of fracture	4
2	2 <sup>nd</sup> .week	Principle of treatment, complications oh fracture	3	Radiology of fracture	4
3	3 <sup>rd</sup> .week	Amputation in orthopedics	3	Fracture in children	4
4	4 <sup>th</sup> .week	Injuries to upper and lower limbs and spine	3	Fracture around shoulder	4
5	5 <sup>th</sup> .week	Osteomyelitis	3	Fracture of forearm and wrist	4
6	6 <sup>th</sup> .week	Septic arthritis and TB	3	Hip, femur and knee injury	4
7	7 <sup>th</sup> .week	Bone tumours	3	Spine and pelvic injury	4
8	8 <sup>th</sup> .week	Shoulder diseases	3	Leg, ankle and foot	4

				injury	
9	9 <sup>th</sup> .week	Elbow, wrist, hands hip joints	3	Common orthopedic cases	4
10	10 <sup>th</sup> .week	Back, knee and foot	3	Common orthopedic cases	4
11	11 <sup>th</sup> .week	Metabolic bone diseases	3	Assessment of patient with headache	4
12	12 <sup>th</sup> .week	Osteoarthritis and osteochondritis	3	Neurological examination of patients	4
13	13 <sup>th</sup> .week	Investigation in neurosurgery, head injury	3	Investigation in neurosurgery, head injury	4
14	14 <sup>th</sup> .week	Raised intracranial pressure Intracranial and brain tumours	3	Signs of Raised intracranial pressure	4
15	15 <sup>th</sup> .week	Subarachnoid hemorrhage	3	Some minor neurological procedure ( eg lumbar puncture)	4
Midyear exam and holiday					
16	16 <sup>th</sup> week	Congenital anomalies in nervous system	4	Signs of peripheral neuropathy	4
17	17 <sup>th</sup> week	Advances in neurosurgery	4	Advances in neurosurgery	4
18	18 <sup>th</sup> week	Neurosurgical operation ( craniotomy, laminectomy and burr hole)	4	Assessment of newborn with congenital anomalies	4
19	19 <sup>th</sup> week	Principle of management of malignant tumours	4	Pre and post-operative children management	4
20	20 <sup>th</sup> week	Chemo and radio therapy, Management of common malignancies	4	Abdominal stoma	4
21	21 <sup>st</sup> week	Omphalocele and gastroschiasis	4	Congenital hernia	4
22	22 <sup>nd</sup> week	Infantile hypertrophic pyloric stenosis, intestinal atresia	4	Signs of Hiarschupring diseases, imperforate anus, intussusception, diaphragmatic hernia	4
23	23 <sup>rd</sup> week	Hiarschupring diseases, imperforate anus, intussusception, diaphragmatic hernia	4	Signs and management of Infantile hypertrophic pyloric stenosis, intestinal atresia	4
24	24 <sup>th</sup> week	General anesthesia	4	Pre and post-operative patents	4

				assessment	
25	25 <sup>th</sup> week	Regional and local anesthesia	4	How to do local and regional anesthesia	4
26	26 <sup>th</sup> week	Cardiopulmonary resuscitation	4	Cardiopulmonary resuscitation	4
27	27 <sup>th</sup> week	Principle of trauma and surgical emergencies	4	Principle of trauma and surgical emergencies	4
28	28 <sup>th</sup> week	Advanced Trauma Life Support (ATLS)	4	Assessment of trauma patient	4
29	29 <sup>th</sup> week	Primary survey in ATLS	4	Primary and secondary survey of trauma patient	4
30	30 <sup>th</sup> week	Secondary survey in ATLS and definitive treatment	4	Management of different surgical emergency cases	4

## Lecturer

Assist prof dr. Alaa A. Al algawi

Assist prof dr. Ibrahim H. Witwit

Assist prof dr. muhanad Ali

Assist prof dr. Jameel Tahseen

Assist prof dr. Adil H. Al-hindawi

Assist prof dr. Mushtak Talib

Assist prof dr. Ali Abbas

Assist prof dr. Alaa sadiq

prof dr. Amir Ejrish

lecturer dr. Aiser H Uraibi

Assist prof dr. Muhanad A. Al-shalah

Lecturer dr. Amani Alaa

## اللجنة العلمية

أ. د. صفاء صاحب رئيسا  
 أ. د. عماد حسن محمود عضوا  
 أ. د. عبد الرزاق السلطان عضوا  
 أ. د. عامر عجرش عضوا  
 أ. د. احمد نورس عضوا



University of Babylon  
College of Medicine  
Department of surgery

Class: fifth

Subject: ophthalmology

Code: MeOPa500002

Theoretical Units: 1 / 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	1 <sup>st</sup> .week	Anatomy of the eye ball	1	history	1
2	2 <sup>nd</sup> .week	The orbit	1	introduction	1
3	3 <sup>rd</sup> .week	The lids	1	examination	1
4	4 <sup>th</sup> .week	Lacrimal system.	1	optics	1
5	5 <sup>th</sup> .week	Lacrimal system.	1	Slit lamp	1
6	6 <sup>th</sup> .week	The cornea	1	Direct ophthalmoscope	1
7	7 <sup>th</sup> .week	The cornea	1	Indirect ophthalmoscope	1
8	8 <sup>th</sup> .week	Glaucoma	1	slides	1
9	9 <sup>th</sup> .week	Glaucoma	1	examination	1
10	10 <sup>th</sup> .week	Sclera and episclera	1	Fundus examination	1

11	11 <sup>th</sup> .week	Sclera and episclera	1	Ptosis	1
12	12 <sup>th</sup> .week	Refractive errors	1	cataract	1
13	13 <sup>th</sup> .week	Strabismus	1	glaucoma	1
14	14 <sup>th</sup> .week	Strabismus	1	squint	1
15	15 <sup>th</sup> .week	Pupil	1	examination	1
16	16 <sup>th</sup> week	Optic nerve	1	slides	1
17	17 <sup>th</sup> week	Uses of LASER and cryo in ophthalmology	1	slides	1
18	18 <sup>th</sup> week	Uses of LASER and cryo in ophthalmology	1	squint	1
19	19 <sup>th</sup> week	The eye and systemic diseases	1	cataract	1
20	20 <sup>th</sup> week	The lens	1	glaucoma	1
21	21 <sup>st</sup> week	The lens	1	Slit lamp	1
22	22 <sup>nd</sup> week	Uvula tract	1	fundus	1
23	23 <sup>rd</sup> week	Uvula tract	1	ptosis	1
24	24 <sup>th</sup> week	Ocular trauma	1	orbit	1
25	25 <sup>th</sup> week	Ocular trauma	1	uveitis	1
26	26 <sup>th</sup> week	The retina	1	retina	1
27	27 <sup>th</sup> week	The retina	1	Optic nerve	1
28	28 <sup>th</sup> week	Red eye	1	slides	1
29	29 <sup>th</sup> week	The conjunctiva	1	slide	1
30	30 <sup>th</sup> week	The conjunctiva	1	examination	1

**Lecturer**

**Prof dr. Qasim Alrubaiey**

**Assist prof dr. Mustafa Tawfeeq**

**Lecturer. Dr. Ziad Kamil**

**اللجنة العلمية**

أ.د. صفاء صاحب رئيسا  
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University of Babylon  
College of Medicine  
Department of surgery

Class: fifth

Subject: Radiology

Code: MeRAa500004

Theoretical Units: 1 / 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	1 <sup>st</sup> .week	Introduction to X-ray	1	Principle of X-ray	1
2	2 <sup>nd</sup> .week	Physics of MRI	1	Principle of MRI	1
3	3 <sup>rd</sup> .week	Bone tumours	1	Principle of CT scan	1
4	4 <sup>th</sup> .week	Lytic and sclerotic bone tumours	1	Principle of ultrasound	1
5	5 <sup>th</sup> .week	Bone lesions	1	IVU study	1
6	6 <sup>th</sup> .week	Joints diseases	1	Palin X-ray chest	1
7	7 <sup>th</sup> .week	IVU	1	Palin X-ray abdomen	1
8	8 <sup>th</sup> .week	Kidney masses	1	Palin X-ray bones	1
9	9 <sup>th</sup> .week	GIT diseases, plane abdominal X-ray	1	CT scan chest	1
10	10 <sup>th</sup> .week	Introduction to contrast studies	1	CT scan abdomen	1

11	11 <sup>th</sup> .week	Barium studies	1	CT scan skull and brain	1
12	12 <sup>th</sup> .week	Abdominal calcifications, uses of CT in GIT	1	US abdomen	1
13	13 <sup>th</sup> .week	GIT abnormalities	1	MRi of brain	1
14	14 <sup>th</sup> .week	Introduction to chest X-ray	1	MRI of spinal ord	1
15	15 <sup>th</sup> .week	Lung diseases	1	MRI of joints	1
16	16 <sup>th</sup> week	Physics of Ultrasound		Plain x ray of fractures	
17	17 <sup>th</sup> week	Liver and biliary system	1	HRCT of chest	1
18	18 <sup>th</sup> week	Lung tumours	1	Barium swallow meal	1
19	19 <sup>th</sup> week	Interstitial lung diseases	1	Barium follow through	1
20	20 <sup>th</sup> week	Chest infection	1	Barium enema	1
21	21 <sup>st</sup> week	Pleural abnormalities	1	Plain x ray of sinuses	1
22	22 <sup>nd</sup> week	Introduction to cardiac abnormalities	1	Ct scan of sinuses	1
23	23 <sup>rd</sup> week	Introduction to skull and brain	1	Ct scan of brain tumour	1
24	24 <sup>th</sup> week	Intracranial hemorrhage	1	Ct scan of brain infarctions	1
25	25 <sup>th</sup> week	Brain tumours	1	MRI of brain tumour and infarctions	1
26	26 <sup>th</sup> week	Spine diseases	1	Us liver and biliary tree	1
27	27 <sup>th</sup> week	Paranasal sinuses	1	Special x ray views	1
28	28 <sup>th</sup> week	Brain infarction	1	Kidneys disease on different equipment's	1
29	29 <sup>th</sup> week	Spinal diseases	1	Us of superficial organs	1
30	30 <sup>th</sup> week	Gynecological abnormalities	1	Doppler study principle and applications	1

**Lecturer**

**Assist prof. dr. Kasim A. Taj aldeen**

**Assist prof. dr. Hassanien A. Albaiaty**

**Assist prof. Usama A. Abd alsattar**

**Assist prof. Huda A. Al aaraji**

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