



## Scientific Departments

The teaching facilities are divided into:

### A) Basic clinical departments:

1. Anatomy, histology, and embryology.
2. Medical biochemistry.
3. Medical physiology and medical physics.
4. Microbiology.
5. Pharmacology.
6. Pathology and forensic medicine.
7. Community medicine and public health.

### B) Clinical departments:

1. Pediatrics.
2. Obstetrics and gynecology.
3. Internal medicine and subspecialty units:
4. General surgery and subspecialty units:

### Department of Human Anatomy, Histology & Embryology





## Forward

Our department started its activities since establishment of the college, in which anatomy is one of the vital basic science for the 1<sup>st</sup> and 2<sup>nd</sup> stages. In addition, we are qualified to give histology and embryology lectures for the 2<sup>nd</sup> stage, our department founded in a unique building at Al-Hussein Teaching Hospital.

## Our Mission:

According to our belief that the subjects we teach have a corner-stone in building of good slandered future doctors, so we try our best to provide outstanding education in anatomy, histology & embryology through harmonic combination of theoretical & practical learning.

## Our Vision:

To fulfill the requirements of International Reliability; our department is to be devoted to:

1. Active engagement of staff with known centers to share their expertise.
2. Achievement of modern teaching technologies.
3. Continuous feedback analysis of staff & students.

## The Teaching Staff:

no	Name	Degree	Specialist	Scientific degree	Position
1	Firas Abdullah Noori	FICMS	Urosyrgery	Lecturer	Dept. Head
2	Khalid Abdulhussein	M.sc	Anatomy	lecturer	Lecturer
3	Izdohar Nesayff Ali Hassan	PhD	gynecology	lecturer	Lecturer
4	Saba Sabeeh Hussain	M.sc	Medicine	lecturer	Lecturer
5	Sumayah Ghanawi	M.sc	gynecology	lecturer	Lecturer
6	Khalid Ali Zair Salih	FICMS	Orthopedics suergery	lecturer	Lecturer

## Syllabus

### 1<sup>st</sup> Year

#### Human Anatomy

##### A. Lectures:

#### B. Lab sessions:

**120 hours**

### 2<sup>nd</sup> year

#### 1.Human Anatomy

##### A. Lectures

Hours	Topics	no.
	<b>Abdomen</b>	
1.	Anterior abdominal wall. (muscles, blood & nerve supply)	2
2.	Hernias. (Structures & types)	2
3.	Stomach. (Structure, relations, blood & nerve supply)	2



<b>4.</b>	Duodenum. (Structure, parts, relations, blood & nerve supply)	1
<b>5.</b>	Small intestine. (Structure, relations, blood nerve supply)	2
<b>6.</b>	Large intestine. (Structure, parts, relations, blood & nerve supply)	2
<b>7.</b>	Liver gall bladder. (Structure, relations blood nerve supply)	2
<b>8.</b>	Pancreases & spleen. (Structure, relations, blood & nerve supply)	1
<b>9.</b>	Kidney. (Structure, relations, blood & nerve supply)	1
	<b>Sub Total</b>	<b>15</b>

### Pelvis

<b>1.</b>	Introduction.	1
<b>2.</b>	Blood& lymph supply of pelvis.	2

no.	Topics	Hours
1	Introduction - Introduction to anatomy	1
2	Descriptive anatomical terms &planes	2
3	Systemic anatomy	2
4	Upper Limb - Bones of the upper limb	2
5	Muscles of pectoral region	2
6	Muscles of the arm	3
7	Muscles of the forearm	3
8	Muscles of the hand	2
9	Cutaneous nerves	2
10	Venous drainage	3
11	Arteries of the upper limb	3
	Total hours	25 hrs.
1	Lower Limb - Introduction to lower limb	2
2	Hip & thigh muscles	2
3	Gluteal region	2
4	Knee joint	2
5	Muscles of the leg	3
6	Muscles of the foot	3
7	Arteries of the lower limb	2
8	Nerves	3
	Total hours	21 hrs.
1	Thorax - Thoracic wall & cavity	3
2	Intercostal space &muscles	2
3	Mediastinum	2
4	Heart & pericardium	3
5	Lung & pleura	2
6	Diaphragm	2
	Total hours	14 hrs.



3.	Pelvic cavity. (Structure, walls, contents)	1
4.	Male genital organ. (Structure, parts, blood& nerve supply)	2
5.	Female genital organ. (Structure, parts, blood& nerve supply)	2
6.	Perineum. (Structure, blood& nerve supply)	2
Sub Total		10

#### Head & Neck:

1.	Skull. (Osteology, walls, important structures& foramen)	4
2.	Dural folds. (Structures & types)	2
3.	Cranial venous sinuses. (Structures & types)	2
4.	Cranial cavity. (fossa, boundaries, main structures& foramina)	4
5.	Orbit. (Muscles, relations, blood supply& nerve supply)	2
6.	Infratemporal fossa. (boundaries, contents, relations& associated structures)	2
7.	Scalp. (Layers, blood & nerve supply)	2
8.	Face. (Fascia, boundaries, contents, blood& nerve supply)	2
9.	Parotid gland. (Structure, blood & nerve supply)	2
10.	Muscles of mastication. (origin, insertion, nerve supply)	2
11.	Triangles of neck. (Structures & types)	2
12.	Larynx. (Structure, blood & nerve supply)	1
13.	Nose paranasal sinuses. (Structure, blood & nerve supply)	2
14.	Pharynx. (Structure, blood & nerve supply)	1
15.	Thyroid gland. (Structure, blood & nerve supply)	2
16.	Lymphatic drainage of the head & neck.	1
Sub Total		33

#### Neurology:

1	Introduction.	2
2	Classification.	1
3	Brain. (Surface anatomy & function)	2
4	Brain. (Blood supply & venous drainage)	2
5	Brain stem.	2
6	Midbrain.	1
7	Pons.	2
8	Medulla.	1
9	Brain ventricles.	2
10	C.S.F circulation.	1
11	Cranial nerves.	6
12	Spinal cord & vertebral column.	2
13	Spinal cord. (Blood supply & venous drainage)	2
14	Spinal cord. (Internal structures)	1
15	Spinal cord. (Functions)	1
16	Sympathetic nervous system.	2



<b>17</b>	Parasympathetic nervous system.	2
	<b>Sub Total</b>	<b>32</b>

**Total** **90 hours**

**B. Lab sessions:** **120 hours**

## **2. Histology:**

No.	A. Lectures	hours
<b>1</b>	Circulatory system.	2
<b>2</b>	Lymphoid system.	2
<b>3</b>	Digestive system.	5
<b>4</b>	Respiratory system.	2
<b>5</b>	Skin & appendages.	2
<b>6</b>	Urinary system.	2
<b>7</b>	Endocrine system.	2
<b>8</b>	Male reproductive system.	2
<b>9</b>	Female reproductive system.	2
<b>10</b>	Nervous system.	6
<b>11</b>	Eye & ear.	3
<b>Total</b>		<b>30 hours</b>

**B. Lab sessions:** **60 hours**

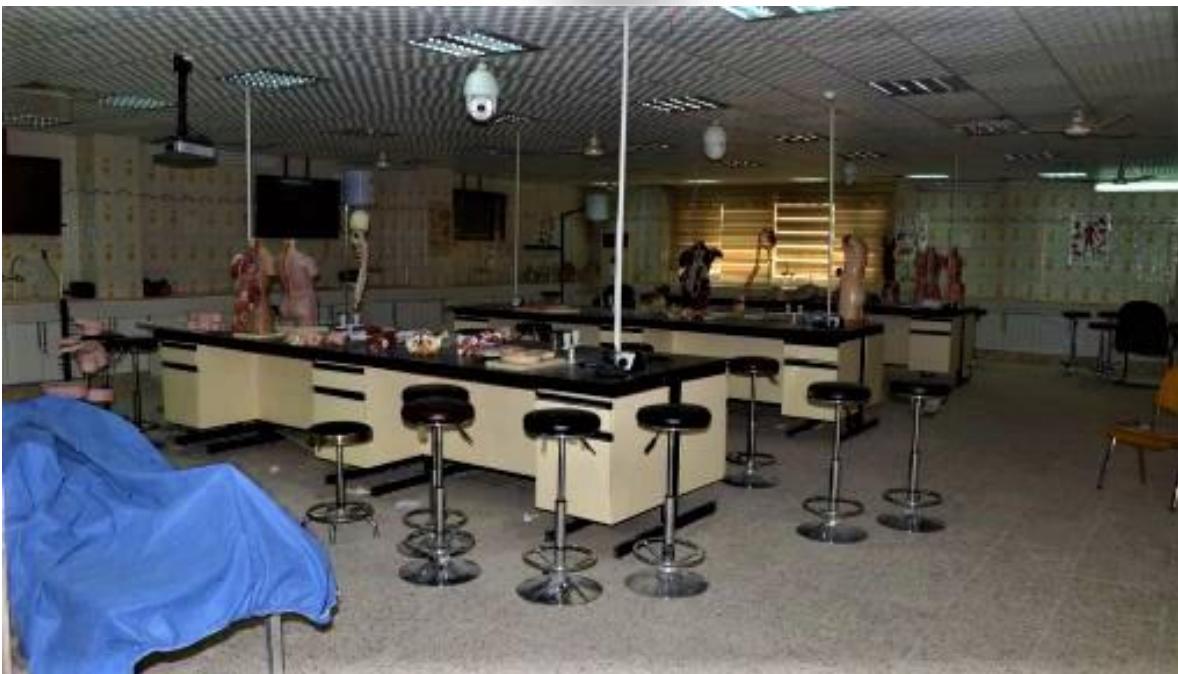
## **1. Embryology lectures**

No.	General embryology:	hours
<b>1</b>	Gametogenesis.	2
<b>2</b>	Fertilization.	1
<b>3</b>	1st week of development.	1
<b>4</b>	2nd week of development.	1
<b>5</b>	3rd week of development.	1
<b>6</b>	Fetal period.	2
<b>7</b>	Principles of teratology.	2
<b>8</b>	Fetal membrane & placenta.	2
<b>Special embryology:</b>		
<b>1</b>	Digestive system:	2
<b>2</b>	Respiratory system:	2
<b>3</b>	Urinary system	2
<b>4</b>	Genital system	2
<b>5</b>	Nervous system	2
<b>6</b>	Locomotive system	2
<b>7</b>	Nervous system	2
<b>8</b>	Cardiovascular system	2
<b>9</b>	Formations of cavities	2



**Total**

**30 hours**







## Published articles of the teaching staff

no	name of researcher	title of published article	Journal	Vol.	no.	date	pages
1	Khalid Abdulhussein Wahaab ,et al	<a href="#"><u>Comparison of the effects of formaldehyde used in petrified and embalmed cadavers on medical student in anatomy laboratory in Basrah medical college .</u></a>	Thi-Qar Medical Journal (TQMJ)	7	1	2013	131-140
2	Saba Sabih Hussein	<a href="#"><u>The effectiveness of using r-HMG+r-FSH vs. r-FSH alone during COS on ICSI outcome</u></a>	Annals of Tropical Medicine & Public Health	22	8	2019	
3	Saba Sabih Hussein + Haidar Majid Rustam	<a href="#"><u>evaluation of anti-zona pellucida antibodies in serum and follicular fluid PCO women undergoing</u></a>	International Journal of Pharmaceutical Research	9	4	2018	1533-1537
4	Saba Sabih Hussein ,et al	<a href="#"><u>Association of Endometrial Thickness with Pregnancy Rate in Infertile Women Undergoing ICSI Program</u></a>	International Journal of Pharmaceutical Research & Allied Sciences	7	3	2018	166-171
5	Saba Sabih Hussein ,et al	<a href="#"><u>Effect of Anti-Zona Antibodies in Follicular Fluid and Serum on ICSI Outcomes For Explained and Unexplained Groups</u></a>	Thi-Qar Medical Journal (TQMJ):	14	2	2017	127-143
6	Ali AbdulBaqi Ali + Haidar Hakim Saleh	<a href="#"><u>Efficacy and Safety of Mirabegron in Treatment of Overactive Bladder (Dose Range Study)</u></a>	Indian Journal of Public Health Research & Development	9	12	2018	331-343
7	Ali AbdulBaqi Ali	<a href="#"><u>Evaluation the Efficacy of Combined Therapy Ketoconazole and Tamsulosin vs Tamsulosin in AUR Followed BPH Iraqi Patients</u></a>	Journal of Global Pharma Technology	10	7	2017	120-124
8	Ali AbdulBaqi Ali + Firas Abdullah Nuri + Adel Riad urgent	<a href="#"><u>Computed Tomography Findings Used to Discriminate Between Atypical Renal Angiomyolipoma and Renal Cell Carcinoma</u></a>	European Journal of Molecular & Clinical Medicine	7	2	2020	49-56



no	name of researcher	title of published article	Journal	Vol.	no.	date	pages
9	Ali AbdulBaqi Ali ,et al	<a href="#"><u>Efficacy of Mirabegron Add-on Therapy to Oxybutynin for BPH Patients with Persistent Urgency on Oxybutynin Alone</u></a>	International Journal of Psychosocial Rehabilitation	24	5	2020	929-934
10	Ali AbdulBaqi Ali ,et al	<a href="#"><u>Transobturator Tape (TOT) in Management of Female Stress Urinary Incontinence</u></a>	Thi-Qar Medical Journal (TQMJ):	17	1	2019	19-Jan
11	Menen al-Khafaji	<a href="#"><u>Breast Cancer Risk Trends of Iraqi Women</u></a>	Medico-legal Update,	20	1	2020	383-387
12	Menen al-Khafaji	<a href="#"><u>Identifying the Correlation between the Incidence of Breast Cancer and Hepatitis B Virus of Iraqi Women</u></a>	Indian Journal of Forensic Medicine & Toxicology	14	2	2020	2250-2256
13	Menen al-Khafaji	<a href="#"><u>Evaluation of the Antibacterial Activity of Iraqi Garlic Derivatives to Escherichia coli</u></a>	Indian Journal of Public Health Research & Development,	10	9	2019	1103-1108
14	Menen al-Khafaji	<a href="#"><u>Polymerase chain reaction is a precise methodto revealingand diagnosis of Hepatitis Bfor Iraqi patients</u></a>	International Journal of Pharmaceutical Research	12	2	2020	1073-1080
15	Menen al-Khafaji	<a href="#"><u>Expression of Zinc Fingers and Homeoboxes 2 (Zhx2) and Zhx2 Target Genes in Multiple Tissues of Wild-Type and Zhx2 Knockout Mice</u></a>	Theses and Dissertations-- Microbiology, Immunology, and Molecular Genetics	THESIS		2016	145
16	Menen al-Khafaji, + behind the winner	<a href="#"><u>Prevalence of women's infertility with TSH, PRL and LH impairment</u></a>	International Journal of Pharmaceutical Research	12	1	2020	865-869