



جامعة بغداد - كلية طب الكندي

وحدة التعليم الطبي



**UNIVERSITY OF BAGHDAD**  
**AL-KINDY COLLEGE OF MEDICINE**

**YEAR - 1 - HAND OUT BOOK**  
**ACADEMIC YEAR 2020-2021**

**YEAR COORDINATOR:**

**A.P. DR. ISRAA MOHAMMED**

**DONE BY: A.P.DR. RAGHAD EMADALDEEN NAJI**

**CONTENT:**

<b>Title</b>	<b>Page</b>
<b>Welcome words</b>	3
<b>Aims &amp; Objectives of Year One</b>	4
<b>Structure of Year One Curriculum</b>	5
<b>Year One Modules</b>	6
<b>Learning Resources</b>	7
<b>Teaching methods</b>	8
<b>Attendance / Absence</b>	9
<b>Assessment</b>	10

## **Welcome message:**

Congratulations! You are about to embark upon an exciting, life-altering experience, one you will never forget. You are about to join an elite group of people who will now be your peers going forward.

Our advise to you: Be strategic about the responsibilities you take on. Be a student. Be a team player. Find mentors. Give back to the community. Develop what you hope will become your specialty. But be careful – you're still living your life. The next six years aren't only your years in medical school and then your residency, they are your prime years. Invest not only in your career but in yourself. The best thing you can do with this precious commodity – time – is to give it to the people you love while you still have control over your schedule. Give time to yourself.

Today is the day you can do the things that make you the best version of yourself. Be true to who you are. Maintain at least one hobby that isn't about building your resume, because your life can't be all about building your resume. Please let yourself hang on to a hobby as you enter the whirlwind of medical training. Hang on to your roots and spread your wings.

## **Aim & objectives of year 1:**

Year One in Al-Kindy College of Medicine; University of Baghdad aims to Expose students to the best environment for starting a life-long medical career by enhancing students' learning abilities and assisting their intellectual maturity from high school to college through essential modules that would provide them with basic knowledge, skills, and attitude in order to progress successfully through next grades in the college.

By the end of this year; students would be able to:

1. To provide introduction the students regarding basics knowledge need for understanding the upcoming details of Anatomy and Histology, comprehensive view of the anatomy of Upper and Lower Limbs
2. To provide a broad scope for the students to understand the building blocks of cells and tissue as the carbohydrates, protein, lipid of biological significance , nucleic acid.in addition to understanding the basics of enzymology and hormones and the concept of biomarkers.
3. To provide the students with information regarding Molecular cell biology, the principles of human genetics and molecular diagnosis, general properties, pathogenesis of bacteria, viruses and parasites. Understanding the basic information for human immunology, so prepare the student for clinical knowledge in the later academic years.
4. To provide the students with information regarding medical physics. Medical Physiology provides an advanced course of study on how cells, tissues and organ systems function, and how together they carry out the activities needed for life. The course focuses on understanding normal human physiology; how and why it might be impaired.
5. Teach and train the students in order to have comprehensive understanding of Physiology as well as that of applied disciplines to acquire adequate knowledge of the current developments in medical sciences as related to Physiology.

## Structure of Year-1 curriculum:

Semester I		Basic Sciences	15 weeks		S1BS	
Basic Year	Year 1	Subject	Lecture	Practical	S + T	Credit
		Anatomy	30	30	4	3.3
		Biochemistry	15	30	4	2.3
		Medical Physics	30	30	4	3.3
		Cell Biology	15	30	4	2.3
		Foundation of Medicine	15	0	0	1.0
		Human Rights	15	0	1	1.1
		Computer	0	30	0	1.0
		Arabic	15	0	1	1.1
		English	15	0	1	1.1
		Sport	0	30	0	1.0
		Mentoring + SDL	0	30	0	1.0
<b>Total</b>		<b>150</b>	<b>210</b>	<b>19</b>	<b>19.3</b>	

Semester II		Basic Sciences	15 weeks		S2BS	
Basic Year	Year 1	Subject	Lec	Pract	S + T	Credit
		Anatomy	15	30	4	2.3
		Embriology + Histology	15	30	2	2.1
		Biochemistry	15	0	4	1.3
		Physiology	15	10	4	1.6
		Microbiology (Bact+ Viro +Paras+ Immunity)	30	30	4	3.3
		Human Genetics	15	30	2	2.1
		Introduction to Health and Disease	15	0	0	1.0
		Computer	0	30	0	1.0
		Arabic	15	0	1	1.0
		English	15	0	1	1.0
		Sport	0	30	0	1.0

		Mentoring + SDL	0	30	0	1.0
		Total	165	220	22	19.8

**Modules of year – 1 :**

Y1-S1		Y1-S2	
Anatomy		Anatomy	
Biochemistry		Embriology + Histology	
Medical Physics		Biochemistry	
Cell Biology		Physiology	
Foundation of Medicine		Microbiology (Bact+ Viro +Paras+ Immunity)	
Human Rights		Human Genetics	
Computer		Introduction to Health and Disease	
Arabic		Computer	
English		Arabic	
		English	

## Learning Resources:

All of the core information in this year is covered in lectures, practical sessions, seminars, team based learning sessions, interactive learning activity and small group learning sessions, and the recommended reading that is associated with them; the vast majority of the information covered in these learning activities can be found in the recommended textbooks. Some lecturers also suggest further reading for those who wish to explore a topic in more detail than is required by the core curriculum.

Anatomy	<ul style="list-style-type: none"><li>• Moore, K.: Essential Clinical Anatomy.</li><li>• Drake, R., Wayne, V. &amp; Mitchel, A.: Gray's Anatomy for Students.</li><li>• Agur, A. &amp; Dalley, A.: Grant's Atlas of Anatomy.</li><li>• McMinn's Clinical Atlas of Human Anatomy.</li><li>• Gosling's Color Atlas &amp; Textbook of Human Anatomy</li></ul>
Physiology	<ul style="list-style-type: none"><li>• Guyton and Hall Textbook of Medical Physiology</li><li>• Ganong Review of Medical Physiology</li></ul>
Immunity	<ul style="list-style-type: none"><li>• Kubby – Immunology.</li><li>• Ivan Roitt – Immunology</li></ul>
Microbiology	<ul style="list-style-type: none"><li>• Jamet's medical microbiology.</li><li>• Baily &amp; Scott's diagnostic microbiology.</li></ul>
Biochemistry	<ul style="list-style-type: none"><li>• Lippincott's illustrated reviews Biochemistry Denise R Ferrier Textbook of biochemistry for medical students-Jaypee.</li></ul>

## **Learning Methods:**

All of the core information in this year is covered by lectures, practical, small group learning sessions, clinical/ bedside sessions and seminars and the recommended reading that is associated with them; the vast majority of the information covered in these learning activities can be found in the recommended textbooks.

### **Lectures:**

In year one, more than one third of the core content of the curriculum will be delivered via didactic lectures. Each lecture is accompanied by lecture handouts that will, hopefully, be uploaded beforehand on the Medical College's (classroom) website. These handouts include: the title of the lecture, The learning objectives, the relevance of the lecture to clinical practice, and an outline of the lecture contents. Recommended reading in core textbooks is also indicated for each lecture. Some lecturers also suggest further reading for those who wish to explore a topic in more detail than is required by the core curriculum. You are advised to read the lecture outlines prior to the lectures themselves.

### **Practical Sessions:**

This year contains practical sessions at the Anatomy, biochemistry, physiology and Microbiology labs.

### **Seminars and tutorials:**

These activities will be delivered on each group separately in small lecture halls or onlines; it is for topics that require active participation from students to allow open discussion and brain storming amongst them under the supervision of a lecturer.

### **Self-Directed Learning:**

A great element of success in our integrated curriculum depends on your extensive, inner-motivated, and continuous life-long learning. Your proper use of all the previous learning resources will reflect your responsibility in acquiring the requisite knowledge, skills, and professionalism during your progress in this year the successive years.

### **Handouts:**

The first handouts you will need are this handbook and the time-table; both would be uploaded on Google Classroom in proper time. In general, hopefully, all lectures (PowerPoint presentations) with video recording will be posted on Google Classroom.

### **Library:**

You have access to Main Library in College which contains many publications (textbooks & journals) on basic sciences and clinical material of medicine. If you have any questions about how to use library facilities please do not hesitate to ask members of the library staff.

### **Google Classroom:**

It is an easily accessible medium providing the most up to date information regarding your course and your timetable for lectures and practical sessions. You will have your own personal user



name & password that grants your secured access to Google Classroom. Please you should use the Google Classroom as soon as possible and log in on a daily basis.

### **Attendance / Absence:**

Students are required by university regulations to be present during day time from 8:00 a.m. till 2:00 p.m.

Student attendance at all year one teaching is compulsory. This means that you are required to attend all:

- Lectures
  - Practical classes
  - Small group learning sessions
  - Feedback sessions
  - Formative assessment and review sessions
- 
- Students who fail to attend for any reason is instructed to notify the college and give the reason why he/she was unable to attend.
  - The first inexcusable absence for 5% he/she will get the first alert, 7% & 9% warning penalty.
  - Failure of students to attend (unauthorized absence) for 10% of total hours is subjected to disciplinary actions (from alarming him till review with MEU committee / head / deputy dean and if absence reached 15% the student is subjected to further disciplinary action. This ranges from a meeting with the year coordinator to (in the worst cases) referral to deanery with a view to expulsion.

## Assessment:

In College of Medicine; there are two parts of Assessments:

- **Formative assessment:** These assessments occur at specified dates of the time-table and are compulsory. You will be presented with questions either in Lecture halls or on-line. The questions are in a similar format to those you will encounter in the end-of module/semester summative assessments and are to allow you to monitor your progress. Your marks are not recorded for summative purposes and will not count towards your degree. During the timetabled session, a tutor will discuss the answers with the class. It is in your best interests to complete the formative assessment questions so that you can monitor your progress through the module and identify any areas where additional work is required.
- **Summative Assessment:** This assessment is designed to test core knowledge and thus you may be asked questions on any area that has been covered in the modules' sessions. Each part of the module is equally important and you should expect the balance of questions in the examination to reflect the balance of teaching in the module. These assessments also occur at specified dates of the time-table; you should make use from your experience in formative assessments. Here your marks will be recorded for summative purposes and will count towards your degree and progress to next year
- **OSPE:** this assessment is designed for the practical sessions.

## Student Assessment of Year Two includes:

<b>Continuous assessment</b>	<b>30%</b>
<b>Includes :</b>	
<b>Quizzes</b>	<b>5%</b>
<b>Practical</b>	<b>5%</b>
<b>Active Participation</b>	<b>5%</b>
<b>End Module Exam</b>	<b>15%</b>
<b>OSPE</b>	<b>20%</b>
<b>Final written exam</b>	<b>50%</b>
<b>Total</b>	<b>100%</b>