



# UNIVERSITY OF BAGHDAD COLLEGE OF MEDICINE

## YEAR one HAND BOOK (2019 – 2020)

Year one directors

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## Welcome 1<sup>st</sup> year students

Welcome to the first year of your undergraduate study in the College of Medicine / University of Baghdad. All of us here wish you all the success in present studies and future career. Our duty is to ensure that you as a future doctor will have all the required knowledge and skills and also be able to demonstrate appropriate professional behaviors and practice in an ethical manner.

This handbook describes the modules of Semester **I** of your First Year in Medical College. There are a number of significant differences between **Phase one** (year one, two, & three) and **Phase two** and we wish to support you in adapting to what you may sense as new approaches to learning and to assist you in making the transition to year two as smooth as possible.

Year One will give you the opportunity to learn the normal structure and function of the human body to the required level of a junior doctor. At the same time you will start to develop an appreciation of personal and professional development, communication skills, and medical ethics, medical language, electronic learning, and all the basic sciences of human body organized into integrated modules before moving into learning about major organ systems of the human body in semester two.

As Year Directors, we will make every effort to be available to answer problems and queries throughout the year and you should not hesitate to contact us or module moderators personally ([Appendix I](#)).

Please feel free to give formal or informal feedback about the academic organization of the module at any time, personally, via your representatives, or through discussion forums in Moodle (INLE). If for whatever reason you are getting into academic difficulties with the course, let us know sooner rather than later.

Year one directors

## Aim & Objectives of Year one:

Year One in College of Medicine; University of Baghdad aim 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 College of Medicine.

### **Objectives:**

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

1. Identify the most common roots, suffixes and prefixes used in medical practice through naming body organs and systems in order to properly communicate using medical terminology.
2. Apply the basic skills in information technology as a pre requisite for future medical education.
3. Recognize the importance of Physics principals' applications in Medicine; such as: light, sound, and imaging techniques in diagnosis of diseases.
4. Identify and describe the molecular, biochemical, and cellular mechanisms important to maintain the body's function at a basic level; including structure of the cell, cell biology, and energy metabolism.
5. Recall knowledge of human structure, function, embryological development, and principles of histology; and correlate this knowledge with clinical context.
6. State cell-membrane physiology of excitable tissues (nerve& muscle) and explain substance transportation across cell membranes.
7. Acquire progressively knowledge and understanding of the normal structure and function of the body's organ systems concentrating on three of its major organ systems; namely (Hematology, Cardiovascular,& Respiratory) in relation to some common clinical conditions namely: (Anemia, Hypertension, Ischemic heart disease, Heart Failure,& Asthma) highlighting the principles of diagnosis & treatment at a basic level.
8. Observe and demonstrate at a basic level the ability to obtain medical history covering all essential aspects of the history concentrating on issues related to Cardiovascular & Respiratory systems.
9. Master basic practical skills (including temperature, pulse, blood pressure measurement, and respiratory rate) and appreciate the importance of these measures in terms of overall clinical examination.
10. Value the necessity to gain the ability to be a self-directed, life-long learner and take responsibility for their own medical education.
11. Adapt an ethical and respectful behavior when communicating and interacting with faculty and colleagues to behave as a positive, professional learner.
12. Recall some of the knowledge of grammar of Arabic literature, in a simplified way.

## Structure of Year One Curriculum:

**Total credit hours for level one is 38 hours + optional credits**

Level 1 / Term 1							
Code	Module	Credit hours	Sessions		University requirement	College requirement	Obligation
			Theory 1 hr	Practical 2 hrs			
UOB101	Computer 1	1		1	√		Obligatory
UOB102	English Language1	2	2		√		Obligatory
UOB103	Arabic Language	2	2		√		Obligatory
BANT101	Anatomy 1	3	2	1		√	Obligatory
BHDT102	Human Development and Tissue Differentiation	4	3	1		√	Obligatory
BPH103	Medical Physics	3	2	1		√	Obligatory
Total credits for term 1		<b>15</b>					

Level 1 / Term 2							
Code	Module	Credit hours	Sessions		University requirement	College requirement	Obligation
			Theory 1 hr	Practical 2 hrs			
UOB201	Computer 2	1		1	√		Obligatory
UOB202	English Language2	2	2		√		Obligatory
UOB104	Human rights & democracy	2	2		√		Obligatory
UOB302	Medical ethics	3	1	2	√		Obligatory
BANT104	Anatomy 2	3	2	1		√	Obligatory
BCHM105	Biochemistry	4	3	1		√	Obligatory
BSYS106	Systemic module	8	5	3		√	Obligatory
Total credits for term 2		<b>23</b>					

OPTIONAL University Requirements						
Code	Module	Credit hours	Sessions		University requirement	
			Theory 1 hr	Practical 2 hrs		
UOB105	Sports	1		1	√	
UOB106	Arts	1		1	√	
UOB303	Human promotion	2	2		√	
UOB203	Civil defense	1		1	√	

## Learning Resources:

All of the core information in this year is covered in lectures, practical labs, seminars, and team based 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.

### **Lectures (LGT):**

In year one, most of the core content of the curriculum will be delivered via didactic lectures. Each lecture is accompanied by lecture handouts that will be uploaded beforehand on the Medical College's website. These handouts include: the title of the lecture (i.e. what the lecturer intends to teach about), the learning objectives (i.e. what you should know/be able to do after the lecture), the relevance of the lecture to clinical practice through addressing Core Clinical Problems (CCPs) ([Appendix II](#)), 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 a number of practical sessions as demonstrations in anatomy, biology, histology, and physiology. These practical sessions are complementary to related lectures to reach your ultimate learning outcomes. Please check students' lists of groups and subgroups in the registration office to attend the appropriate practical sessions.

### **Seminars:**

These activities will be delivered on each group separately in lecture halls; 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.

### **Handouts:**

The first handouts you will need are: this handbook and the time-table; both would be uploaded on Moodle in proper time.

In addition; a module workbook will be posted on Moodle at the beginning of each module; this will describe everything related to that module; including (aims & objectives, moderators' & tutors' contact details, learning sessions' titles & activities, venues, and assessments)

In general, paper-based handouts are **not** given to accompany the lectures, although all lectures (PowerPoint presentations) will be posted on Moodle as pdf files preferably in advance of the lecture by at least a week.

**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.

**Moodle:**

**Iraqi Network Learning Environment (INLE)** is the name of the networked learning environment that manages the curriculum and provides information about all its aspects. 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 Moodle.

A detailed Moodle introduction will be provided early in the E-Learning module.

Please start using Moodle as soon as possible and log in on a daily basis.

**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 year one and the successive years.

## What do you expect from us?

You can expect:

- Well organized timetable published on the College's website and Moodle.
- Teaching sessions to take place as detailed in the timetable, or to be re-scheduled without delay if unavoidably cancelled
- Lectures to be uploaded on the net before the date of the teaching sessions
- The teaching sessions should deliver the core information detailed in the objectives and lecture outlines
- Handbook to be prepared for each module
- Help and advice from the year directors, module moderators and lecturers if required

## What do we expect from you?

In return, we expect you to:

- Prepare for formal teaching sessions by reading the outlines, including the aims and objectives, and by referring to the recommended background reading given at the end of most of the outlines.
- Attend all formal learning sessions and arriving promptly on time.
- Be responsible for your own learning.
- Behave courteously to your colleagues and the lecturers during the learning sessions.
- Ensure that all mobile phones are switched off during lectures. Allowing these devices to ring during lectures is disruptive for your colleagues and is discourteous to the lecturer.
- Monitor your own progress by attending and participating in the formative assessment sessions.
- Seek help if you are worried about your progress.
- Tell us openly and honestly your feedback about the progress of the year.

## How much work am I expected to do?

It is very difficult to give you precise guidance on how much work you should do during this year as everyone learns at different speeds.

This is a full-time course and it is expected therefore that your time Sunday – Thursday (8-4:30) will be devoted to your studies. In addition it is likely that you will need to spend at least few hours most evenings studying.

When comparing yourself to your peers you should compare your level of knowledge, and not the amount of time taken to attain it!

Formative assessments throughout the year will help you compare your progress with our expectations and your peers.

## Attendance / Absence

Students are required by university regulations to be present during day time from 8:00 a.m. till 4:30 p.m.

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

- Lectures
- Practical classes
- Seminars.
- Feedback sessions
- Formative assessment and review sessions

Students who fail to attend for any reason is instructed to notify the school and give the reason why he/she was unable to attend.

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 director 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 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. It is in your best interests to complete the formative assessment questions on time so that you can monitor your progress through the module and identify any areas where additional work is required.  
In addition to the on-line formative assessments, there will be the opportunity to attempt formative assessment questions in the practical classes.
- **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 LGTs, TBLs, and practical. 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.

### Appendix I: List of Modules, Module Moderators, & their emails

Code	Module	Moderators
UOB101	Computer 1	Dr Rawa Ahmed <a href="mailto:dima442006@yahoo.com">dima442006@yahoo.com</a>
UOB102	English Language1	Dr Noor Saadi <a href="mailto:Dr.noorsaadimeu@gmail.com">Dr.noorsaadimeu@gmail.com</a>
UOB103	Arabic Language	?
BANT101	Anatomy 1	Dr Malak Akram Email: <a href="mailto:malak.akram2004@gmail.com">malak.akram2004@gmail.com</a>
BHDT102	Human Development and Tissue Differentiation	Dr Firdos Jafar Email: <a href="mailto:firdosjaafar@gmail.com">firdosjaafar@gmail.com</a>
BPH103	Medical Physics	Dr Aida Zaki Email: <a href="mailto:aidazeki@yahoo.com">aidazeki@yahoo.com</a>
BET107	Excitable Tissue	Dr GhassanThabit Email: <a href="mailto:ghassan.1971@yahoo.com">ghassan.1971@yahoo.com</a> Dr Zahraa Qassim Email: <a href="mailto:zahraaqassim@gmail.com">zahraaqassim@gmail.com</a>

## Appendix II: Core Clinical Problems (CCPs)

1. Abdominal pain
2. Abnormal fetal growth
3. Abnormal behavior
4. Acute aggression
5. Acute confusion
6. Acute diarrhea
7. Acute hemiparesis
8. Acute joint pain
9. Acute multi-focal skin lesions
10. Acute multiple trauma
11. Acute spreading skin lesion
12. Altered consciousness
13. Altered menstruation
14. Altered mood
15. Altered voice
16. Anxiety
17. Bed-wetting
18. Bleeding during pregnancy
19. Breathlessness
20. Calf pain
21. Chest pain
22. Chronic diarrhea
23. Chronic joint pain
24. Chronic multi-focal skin lesions
25. Collapse
26. Constipation
27. Cough
28. Deliberate self-harm
29. Delirium
30. Difficulty breathing
31. Difficulty swallowing (Dysphagia)
32. Distressed patient
33. Dizziness
34. Drug/alcohol abuse
35. Dry eye
36. Dying patient with cancer pain
37. Ear pain
38. Excessive weight gain
39. Failure to thrive in childhood
40. Falls
41. Fever/rigors
42. Frequency or discomfort passing urine
43. Haematuria
44. Haemetemesis
45. Haemoptysis
46. Headache
47. Impaired gait
48. Impaired hearing
49. Incontinence
50. Infertility
51. Jaundice
52. Labour and delivery
53. Learning disability
54. Leg ulceration
55. Limping child
56. Long bone fracture
57. Lump in breast
58. Lump in groin
59. Lump in neck
60. Lump in scrotum
61. Lymphadenopathy
62. Mass in abdomen
63. Multiple regional musculoskeletal pain
64. Numbness or tingling
65. Painful eye
66. Palpitations
67. Pelvic pain/discomfort
68. Penetrating injury
69. Personality disorder
70. Pre-eclampsia
71. Pregnancy
72. Pruritus
73. Rectal bleeding
74. Red eye
75. Reduced cognition
76. Retention of urine
77. Salivary gland swelling
78. Seizures
79. Single regional musculoskeletal, including neck and back, pain
80. Solitary, changing skin lesion
81. Sore throat
82. Swollen feet/legs
83. Thirst
84. Tinnitus
85. Tiredness
86. Vaginal discharge/irritation
87. Visual disturbance
88. Vomiting
89. Weakness
90. Weight loss
91. Wheeze