Master Degree of INTERNAL MEDICINE

" كراسية الأنشيطة "

اللازمة لحصول المتدرب على درجة ماجسستير الباطنة - طبقا للائحة النقاط المعتمدة ـ 2022-2023



Contents

NO	SUBJECT	PAGE
1	Personal data	3
2	Instructions to the use of logbook	4
3	Program aims and curriculum structure	6
4	 First Part Course 1: Pharmacology Course 2: Anatomy and Histology Course 3: Physiology and Biochemistry Course 4: Pathology & Clinical pathology & Bacteriology Course 5: Infection control & Addiction. Course 6: Basic of Internal medicine 	7-52
5	Course 7: Speciality Courses	53-123
6	Elective Course	124
7	Other Scientific Activities and formative assessment	127-128
8	Master Degree Thesis pathway	129
9	Declaration:	130



phone(s)	
_	
,	phone(s)

Name of hospital	Period of work	Hospital director signature

Academic Information

MBBCh//	University	Grade
Grade of Internal Medi	cine course on graduation	
Others//	University	
//	University	



* Aim of the activities book

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book For each module / course / rotation

You should fill the following sections:-

1- Clinical case log

- 1- You will first find list with all required cases in the concerned module and the minimum number of cases you must get exposed to and level of participation you should achieve for each type of cases.
- 2- You should record all clinical cases in the module and each case should be signed by you trainer.

2- Clinical case presentation log

Record the cases related to the module that you have presented in a seminar of the activity.



3- Procedures / operations log

- 1- You will find a list for required procedure, diagnostic therapeutic operations and level of desired performance you should achieve at the end of training.
- 2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

4- Rotation / attendance proof

You should have evidence of achievement the required training hours within each module.

For the whole program fill the following sections

1- Academic activities

A- Document all academic activities e.g. lecture, journal clubs, workshops, conference, services attended. This documentation should include the level of participation " attendance, preparation, presentation,....."

- 2- Academic achievements
 - A- Document all outcomes you achieved in the field of:-
 - Audit participation
 - Research "clinical trial" participation.
 - Evidence- based medicine "generation of guidelines" protocols

3- Formative assessment log

This document all types of formative assessment attended e.g.:-

- Mini clinical examination
- Quieses



Program aims

1/1 To enable candidates to keep with national standards of patients care by teaching high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of gastroenterology, Cardiovascular, rheumatology, endocrine, hematology, nephrology, chest, neurology and geriatric medicine in addition to critical and intermediate care and units, besides dealing with emergent cases in emergency unit and enabling the candidates of making appropriate referrals to a sub-specialist. 1/2. Provide candidates with fundamental knowledge critical care unit as regards; dealing with critically ill patients, ICU equipments, techniques, indications, contraindications and training skills of different critical care techniques.

- 1/3 To introduce candidates to the basics of scientific medical research.
- 1.4. Enable the candidates to start professional careers as specialists in Egypt but recognized abroad.
- 1.5 Enabling the candidates to understand and get the best of published scientific research and do their own.

Curriculum Structure:

Duration of program 36 months

Program Structure

Program Time Table

Duration of program 3 years maximally 5 years divided into

o Part 1

Program-related basic science courses and ILOs + elective courses Students are allowed to set the exams of these courses after 12 months from applying to the M Sc degree.

o Thesis

For the M Sc thesis:

MSc thesis subject should be officially registered within 6 months from application to the MSc degree, Discussion and acceptance of the thesis should not be set before 12 months from registering the M Sc subject;

It could be discussed and accepted before passing the second part of examination)

o Part 2

Program –related speciality courses and ILOs

Students are not allowed to set the exams of these courses before 3 years from applying to the MSc degree.

n.b. Fulfillment of the requirements in each course as described in the template and registered in the log book is a pre-request for candidates to be assessed and undertake part 1 and part 2 examinations.



First Part

Academic activities of basic sciences

Practice with academic and clinical departments during year 1

- Course 1: Pharmacology
- Course 2: Anatomy and Histology
- Course 3: Physiology and Biochemistry
- Course 4: Pathology & Clinical pathology & Bacteriology
- Course 5: Infection control & Addiction.
- Course 6: Basic of Internal medicine:



Course 1 Pharmacology

Requirements

- Credit points: 1 credit point.
- Minimal rate of attendance 80% for lectures

Topics

- General pharmacology (pharmacokinetics, pharmacodynamics)
- Treatment of ischaemic heart disease
- Anticoagulants
- Antiplatelets
- Antiarrythmic drugs
- Insulin and Hypoglycemic drugs
- Treatment of hypo and hyperthyroidism
- Antihypertensive
- Inotropics
- Corticosteroids
- Antibiotics
- Antiviral
- Antacids
- Diuretics
- Treatment of heart failure
- Non-steroidal anti inflammatory drugs
- Disease modifying anti rheumatic drugs
- Treatment of gout





Name of the Credit Responsible Percentage of Attendance department **Achieved points** course points 100% pharmacology Attendance 10 hours 2 hours 0.2 General pharmacology 20% Ischaemic heart diseases Antihypertensive 0.1 1 hours Treatment of heart failure, 10% Diuretics 2 hours 0.2 Antiplatelets Antiarrythmic 20% drugs Inotropics Anticoagulants Pharmacology 2 hours Insulin and Hypoglycemic 0.2 drugs 20% Treatment of hypo and hyperthyroidism 2 hours 0.2 **NSAIDs** -Corticosteroids 20% DMARD- gout 1 hours Antibiotics -Antiviral -10% 0.1 Antacids Head of the Principle coordinator Student signature department signature signature



Pharmacology course lectures

Date	Attendance	Topic	Signature



Course 2

UNIT 1

Anatomy

Requirements

- Credit points: 1 credit point.
- Minimal rate of attendance 80% for lectures

Topics

Anatomic details of:

- a. Abdominal organs (liver, kidney, spleen, intestine, peritoneum)
- b. Blood supply of abdominal organs
- c. Chest (lungs, pleura, Mediastinum)
- d. Blood supply of chest organs
- e. Cardiovascular anatomy (heart and great vessels)



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Anatomy	0.2		2 hours Abdominal organs) (liver, kidney, spleen, intestine, peritoneum)	20%
	0.1		1 hours - Blood supply of abdominal organs	10%
	0.3	Anatomy	3 hours Chest (lungs, pleura Mediastinum)	30%
	0.4		4 hours Cardiovascular system	40%
Student signature			Principle coordinator signature	Head of the department signature



Anatomy lectures

	Tinatomy rectares				
Date	Attendance	Topic	Signature		
,					



COURSE 2 UNIT 2

Histology

Requirements

- Credit points: 1 credit point.
- Minimal rate of attendance 80% for lectures

Topics

Histological Principles of:

- Cell structure
- Epithelium
- Connective tissue proper
- Blood cells
- Cardio vascular system
- Lymphatic organs
- Digestive system
- Endocrine glands



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Histology	1		10 hours	100%
	0.1		1 hour Cell structure	10%
	0.1		1 hour Epithelium	10%
	0.1		1 hour Connective tissue proper	10%
	0.1	Histology	1 hour Blood cells	10%
	0.1		1 hour Cardio vascular system	10%
	0.1		1 hour Lymphatic organs	10%
	0.2		2 hour Digestive system	20%
	0.2		2 hour Endocrine glands	20%
Student signature			Principle coordinator signature	Head of the department signature



Histology lectures

	Thistology lectures			
Date	Attendance	Topic	Signature	





Unit 1

Physiology

Requirements

- Credit points: 1credit point.
- Minimal rate of attendance 80% for lectures

Describe Physiologic Principles of

Cardiovascular system:

- 1- Know the innervations of the heart
- 2- Know the regulation of the heart rate.
- 3- Know the cardiac out put and its components.
- 4- Know the arterial blood pressure and its regulation.
- 5- Know pulmonary and coronary circulation.
- 6- Know haemorrhage and its compensatory reaction.
- 7- Know ECG and its clinical significant.

Nervous system:

- 1- Describe the structure and functions of the ANS
- 2- Know its higher centers.
- 3- Pain



Blood:

- 1- Know the general components of blood and its functions.
- 2- Describe the mechanism of blood coagulation.
- 3- Understand some of clinical conditions occurring due to abnormalities of one or more of the blood components.

Endocrine:

- 1- Regulation of blood glucose
- 2- Physiology of thyroid gland
- 3-Physiology of adrenal gland
- 4-Calcium homeostasis

GIT:

- 1- Gastrointestinal hormones
- 2-Physiology of digestion and absorption

Nephrology

- 1- Acid base balance (mechanisms and abnormalities)
- 2- Urine formation
- 3- Hormones of the kidney

Metabolism:

Regulation of body temperature:

- Know the centre and mechanism for regulation of body temperature.
- Know the reaction of body on exposure to cold and hot
- Know abnormalities of regulation of body temperature.

Respiratory System:

- 1- Know the regulation of normal respiration.
- 2- Gas transport in blood (oxygen dissociation curve and CO2 curve)
- 3- Know the respiratory functions of the blood and some disorders of the respiratory system as dyspnea, hypoxia and cyanosis).





Percentage of Credit Responsible Name of the Achieved Attendance department points course points 10 hours **Physiology 1 CP** 100% Cardiovascular system 0.15 **15% Physiology Nervous system** 0.1 10% 0.1 10% **Blood** 0.1 10% **Endocrine** 0.15 **GIT 15%** 0.15 15% **Nephrology** 0.15 Metabolism 15% 0.1 **Respiratory System 10% Head of the Principle coordinator Student** department signature signature signature



Physiology lectures

Date	Attendance	Topic	Signature



COURSE 3 UNIT 2

Biochemistry

Requirements

- Credit points: 1 credit point.
- Minimal rate of attendance 80% for lectures

Topics

Details of Biochemistry of:

Diabetes mellitus

Insulin and growth hormones

Essential amino acids

Essential fatty acids

Urea cycle

Uric acid

Atherosclerosis



Percentage of Name of the Credit Responsible Attendance Achieved course points department points 10 hours **Biochemistry 1 CP** 100% 2 hours 0.2 20% **Diabetes mellitus Biochemistry** 2 hours 0.2 Insulin, and growth 20% **hormones** 1 hour 0.1 **Essential amino** 10% acids 1 hour 0.1 10% **Essential fatty acids** 1 hour 0.1 10% Urea cycle 2 hours 0.2 20% Uric acid 1 hour 0.1 10% **Atherosclerosis** Head of the **Principle coordinator Student** department signature signature signature



(Biochemistry Lectures)

(Diochemistry Lectures)				
Date	Attendance	Topic	Signature	



Course 4

Unit 1

Pathology

Requirements

- Credit points: 1credit point.
 - Minimal rate of attendance 80% for lectures Topics
 - **♣** Principles of General Pathology of:
 - Thrombosis and embolism
 - Inflammation
 - Immunity & hypersensitivity.
 - Tuberculosis & Bilharziasis
 - Pathology of tumors.
 - Pathologic Details of:

A. Cardiovascular System:

- Myocardial infarction
- Heart failure
- -Hypertension

B. Gastrointestinal system:

- -Inflammatory bowel diseases
- -Gastritis and peptic ulcer
- -Hepatitis
- -Gastrointestinal tumors

C-Renal system:

-Glomerulonephritis

D-Endocrine:

- -Thyroid & para-thyroid
 - Adrenal
 - -Pancreas





Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Pathology	1 CP	Pathology	10 hours	100%
	0.2		2 hours General Pathology	20%
	0.2		2 hours Cardiovascular System	20%
	0.2		2 hours Gastrointestinal system	20%
	0.2		2 hours Renal system	20%
	0.2		2 hours Endocrine	20%
Student signature			Principle coordinator signature	Head of the department signature



(Pathology Lectures)

(Tathology Lectures)				
Date	Attendance	Topic	Signature	



COURSE 4 UNIT 2 Bacteriology

Requirements

- Credit points: 1credit point.
 - Minimal rate of attendance 80% for lectures

Topics

- General bacteriology
- Bacterial infections (typhoid, tuberculosis, brucellosis,& closteridial infection)
- Antimicrobial agents
- Opportunistic infection, nosocomial infection
- **♣** Immunology
- Basic immunology
- Immunologic diagnostic test and serology
- Hypersensitivity
- Immunogenetics and transplantation immunology
- General virology
- Pathogenesis of viral diseases
- Hepatitis
- Influenza viruses
- Sterilization of endoscopy





Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Bacteriology	1CP	Microbiology and immunology	10 hours	100%
	0.25		2.5 hours General bacteriology	25%
	0.25		2.5 hours Immunology	25%
	0.25		2.5 hours General virology	25%
	0.25		2.5 hours Sterilization of endoscopy	25%
Student Signature			Principle Coordinator Signature	



(Bacteriology Lectures)

(Dacteriology Lectures)				
Date	Attendance	Topic	Signature	



COURSE 4 UNIT 3

Clinical Pathology

Requirements

- Credit points: 1credit point.
 - Minimal rate of attendance 80% for lectures

Topics

Principles of clinical pathology of:

- **☑** -Hepatitis markers
- Electrolytes (Sodium, potassium, and calcium)
- **☒** Cardiac markers
- Dyslipidemia
- Diabetes mellitus
- **E** Kidney function tests
- **■** Liver function tests
- **▼** Proteinuria
- E Cerebrospinal fluid
- Acute phase reactants
- **☒** Plasma proteins
- **E** Leukemias





Percentage Credit Responsible Name of the of Achieved **Attendance** points department course points 1CP 10 hours 100% 5 hours Hepatitis markers Electrolytes 50% 0.5 Cardiac markers Hyperlipidemia Clinical Clinical Diabetes mellitus pathology pathology 5 hours department Kidney function tests Liver function tests 0.5 Proteinuria 50% Cerebrospinal fluid Acute phase reactants Plasma proteins Leukemias Head of the Principle coordinator Student departmen signature signature signature



(Clinical pathology Lectures)

(Clinical pathology Lectures)				
Date	Attendance	Topic	Signature	
			_	



Course 5

Requirements

- Credit points: 2 credit point for didactic (lectures, seminars, tutorial) and 2 point for training.
- Minimal rate of attendance 80% of didactic and training

Unit 1

Infection control

- Requirements: Didactic 1 credit points and 1 point for training
- Minimal rate of attendance 80% of didactic and training

Topics

Fever

PUO

Common viral ,bacterial and parasitic infection

Prevention of infectious diseases

Vaccination

AIDS

Sterilization of instruments

Hospital acquired infection

Endoscope associated infection

Resistance of antimicrobial



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Infection control	1CP	Microbiology	10 hours	100%
	0.5		5 hours Fever PUO Common infections Hospital acquired infection AIDS Endoscope associated infection	50%
	0.5		5 hours Prevention of infectious diseases Vaccination Sterilization of instruments Resistance of antimicrobial	50%
Student Signature			Principle Coordinator Signature	Head of the department signature





GH 1 1	O 114	D 11.1		T
Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Infection control	1CP	Microbiology	Attendance of 1 week in infection control unit Learn: -Disinfection and sterilization -Evaluation of efficiency of sterilization 30% -Methods of vaccinations -Recent advances in diagnosis of TB and viral hepatitis -Hospital acquired infections 30%	100%
Student signature			Principle coordinator signature	Head of the department signature



Infection control lectures and training

Date	Attendance	Topic/ training	Signature



COURSE 5 UNIT 2

Addiction

- Requirements: Didactic 1 credit points and 1 point for training
- Minimal rate of attendance 80% of didactic and training

Topics

- 1-Define and explain the following terms
- Addiction, Abuse, Tolerance, Chemical dependence etc......
- 2-Explain why addiction is a disease.
- 3-Demonstrate signs, symptoms and management of drug dependence e,g opium.
- 4-Diagnosis of different drugs abuse
- 5-Causes of abuse and addiction.





Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Addiction	1CP	Forensic and toxicology	10 hours	100%
	0.5		5 hours 1-Define and explain the following terms Addiction, Abuse, Tolerance, Chemical dependence etc 2-Explain why addiction is a disease	50%
	0. 5		5 hours 3-Demonstrate signs, symptoms and management of drug dependence e,g opium. 4-Diagnosis of different drugs abuse 5-Causes of abuse and addiction	50%
Student Signature			Principle Coordinator Signature	Head of the department signature





Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
	1 CP		Attendance 1 week in Forensic and toxicology department	100%
	0.3	Forensic and toxicology	1-How to write a report about the case of addiction or toxicity of different abused drugs 2-How to identify shape, name characters of different drugs ,plants, chemicals lead to addiction	30%
	0.3		3-Case report about signs ,symptoms of addiction and withdrawal symptoms help in diagnosis of the case.	30%
	0.4		4-How to deal ethically with a case of addiction. 5-History taking	40%
Student signature			Principle coordinator signature	Head of the department signature



Addiction lectures and training

Date	Attendance	Topic/ training	Signature



Course 6 Basics of Internal Medicine

Requirements

- Credit points: 4 credit point for didactic (lectures, seminars, tutorial) and 8 point for training.
 - ♣ Minimal rate of attendance 80% of didactic and training

Topics

- -Basis of Clinical examination in internal medicine
- -Aging (Effect of aging on various systems)
- -Fluid therapy
- -Over weight
- -Poisoning(Organophosphorous,opium,salicylate,paracetamol,tranqulizers,digoxin, anticoagulant,scorpion bite)
- -Acid base balance





كلية الطب

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Basics of internal medicine	4 CP	Internal medicine department	40 hours attendance or 20 hours active participation	100%
	2		20 hours Basis of Clinical examination in internal medicine	50%
	2		20 hours attendance or 10 hours active participation by candidates -Aging -Fluid therapy -Over weight - Poisoning -Acid base balance	50%
Student Signature			Principle Coordinator Signature	Head of the department signature



Basic of internal medicine course lectures

Date	Attendance	Topic	Signature





Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Basics of internal medicine	Total 8	Internal medicine department	8 weeks	100%
	4		Attendance 4 weeks in general medicine departments - Log of the following cases: -Elderly with chronic illness - Shocked cases and cases in need for Fluid therapy	50%
			-Correction of acid base disorders - Obese individuals	
	2		- Infectious diseases Attendance 2 wks in General emergency departments Management of suspected cases with poisoning	25%
	3		Attendance 2 wk or 60 hours in out patient clinic of obesity	25%
Student signature			Principle coordinator signature	Head of the department signature



A-Clinical cases log in the department

H.N	Diagnosis of case	Level of participation	Location	Signature of supervisor
		*		

^{*} Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision



B- Clinical cases log in emergency department

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor



Outpatient clinic

Duration/date from -to	Signature of supervisor	Duration/date from -to	Signature of supervisor



C- Procedure log (related to course 6)

Procedure	Number	Procedure	Number
Intravenous line insertion	Level C 5 Level B 5 Level A 5	Fluid therapy	Level C 5 Level B 5 Level A 5
Nasogastric tube insertion	Level C 5 Level B 5 Level A 5	Rectal tube insertion	Level C 5 Level B 3
Airway suctioning	Level C 3 Level B 3 Level A 5	Oxygen therapy	Level C 3 Level B 3 Level A 5
Venous blood sampling	Level C 5 Level B 3 Level A 5	Blood & blood product transfusion	Level C 5 Level B 5 Level A 5
Urine analysis by dipsticks	Level C 3 Level B 3 Level A 5		
Wound dressing	Level C 5 Level B 5 Level A 5		



	competency in the pr	occuui c	,
Date	Procedure	Level of competency*	signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Date	Procedure	Level of competency*	signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Date	Procedure	Level of competency*	signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Date	Procedure	Level of competency*	signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Course 7 Internal Medicine 2 Advanced

Requirements

- Credit points: 24 credit point for didactic (lectures, seminars, tutorial) and 110 point for training (14 CP during year 1 and 96 during year 2, 3).
 - ♣ Minimal rate of attendance 80% of didactic and training



Units' Titles' list	% from	Level	Core Credit points		nts
	total Marks	(Year)	Didactic	training	Total
<u>Unit 1</u> Cardiovascular	15%	1,2,3	3.6	16.5	20.1
and Critical care <u>Unit 2</u> Nephrology and dialysis	15%	1,2,3	3.6	16.5	20.1
Unit 3 Hematology and its critical care	15%	1,2,3	3.6	16.5	20.1
<u>Unit 4</u> Endocrinology, diabetes and its critical care	15%	1,2,3	3.6	16.5	20.1
<u>Unit 5</u> Gastroenterology & Hepatology and its Critical care	15%	1,2,3	3.6	16.5	20.1
<u>Unit 6</u> Rheumatology and musculoskeletal diseases	10%	1,2,3	2.4	11	13.4
<u>Unit 7</u> Chest disease	5%	2,3	1.2	5.5	6.7
<u>Unit 8</u> Neurological disease	5%	2,3	1.2	5.5	6.7
<u>Unit 9</u> Radiology	5%	2,3	1.2	5.5	6.7
			24	110	134



Rotation / attendance proof الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التى تدرب بها



Year 1

(14 credit point for training in advanced internal medicine

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
In internal medicine department	14	Internal medicine department	Rotation between the six major unit of internal medicine	100%
	4		 Practice with clinical cases in each unit of the department including interpretation of their different related laboratory investigation Log of cases as mentioned below Procedures log as mentioned below 	28.6%
	5		➤ Night shift (From 2 pm to 8 am)at least 1/week for 10 weeks	35.7%
	2		Attendance of in the Outpatient clinic once per week (4 hours) for at least 6 month	14.3%
	2		Attendance of at least 60% of clinical rounds of the staff groups (4 hours /week for 20 weeks)	14.3%
	1		 Attendance of at least 60 % of the clinical seminars Presentation of at least 1 case in the seminar 	7.1 %
Student signature			Principle coordinator Signature	Head of the department signature
			Principle coordinator	departme



Year 2
(12 credit point for didactic including their formative assessment)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Internal medicin	12		Year 2	50% of the didactics of all Units
e	8		Topics and attendance 80 hour One lecture /week (Lectures Schedule as described below	66.67%
	2.25	Internal- medicine	Seminars 2 hours- once / week for at least 6 month Attendance of at least - 80% of the clinical seminars for Assistant lectures Attendance of at least 60% of the clinical seminars for the external Presentation of at least 1 time in the seminar	18.75%
	1		Conference or workshop	8.33%
	0.75		Formative assessment	6.25 %
Student signature			Principle coordinator Signature	Head of the department signature



Lectures Schedule in year 2

N.B there are additional topics in the course matrix and will be either presented in the seminar by the candidates or self study by the candidates or presented in the conference

Name of the course	Credit points	Attendance	Percentage of Achieved points
Internal medicine	8	Year 2	100%
	1.5		18.75%
Gastroenterology	(Total 0.5)	5 hours	
	(Total 0.5)	5 hours	
	(Total 0.5)	5 hours	
	1.5		18.75%
	(Total 0.5)	5 hours	
Cardiology	(Total 0.5)	5 hours	
	(Total 0.5)	5 hours	
	1.5		
Nephrology	(Total 0.5)	5 hours	10 750/
	(Total 0.5)	5 hours	18.75%
	(Total 0.5)	5 hours	
En de arte el en en	1		
Endocrinology	(Total 0.5)	5 hours	12.5%
	(Total 0.5)	5 hours	
Rheumatology	1		
Kileumatology	(Total 0.5)	5 hours	12.5%
	(Total 0.5)	5 hours	
	1.5	5 1	
Heamatology	(Total 0.5)	5 hours	18.75%
	(Total 0.5)	5 hours	
	(Total 0.5)	5 hours	Hand - £ 41
Student signature		Principle coordinator signature	Head of the department signature



Year 2 (48 credit point for training in all units including mini clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in internal medicine	48	Internal medicine department	Year 2	100%
	29		 Practice with clinical cases for at least 8 month in the department including rotation between the six major units of the department including interpretation of their related laboratory investigation and different radiologic patterns Log of cases as mentioned below Procedures log as mentioned below 	60.4%
	10		Night shift (From 2 pm to 8 am) at least 1 night shift /week for 20 week in the department	20.8%
	2		> Attendance of one day /week in the Outpatient clinic (3 hours/day) for at least 20 week	4.2 %
	4		> Attendance of at least 1 month in the internal medicine intensive care unit.	8.3%
	3		Mini clinical exam	6.3 %
Student signature			Principle coordinator Signature	Head of the department signature



Year 3
(12 credit point for didactic including their formative assessment)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Internal	12		Year 3	50% of the didactics of all Units
medicine	8		Topics and attendance 80 hour One lecture /week (Lectures Schedule as described below	66.67%
	2.25	Internal- medicine	Seminars 2 hours- once / week for at least 7 month Attendance of at least - 80% of the clinical seminars for Assistant lectures Attendance of at least 70% of the clinical seminars for the external Presentation of at least 1 time in the seminar	18.75%
	1		Conference or workshop	8.33%
	0.75		Formative assessment	6.25 %
Student signature			Principle coordinator Signature	Head of the department signature



Lectures Schedule in year 3

N.B there are additional topics in the course matrix and will be either presented in the seminar by the candidates or self study by the candidates or presented in the conference

Name of the course	Credit points	Attendance	Percentage of Achieved points
Internal medicine	8	Year 3	100%
	1		12.5 %
Gastroenterology	(Total 0.5)	5 hours	
	(Total 0.5)	5 hours	
	1		12.5%
Cardiology	(Total 0.5)	5 hours	
-	(Total 0.5)	5 hours	
	1		
Nephrology	(Total 0.5)	5 hours	12.5%
	(Total 0.5)	5 hours	
	1.5		
Endocrinology	(Total 0.5)	5 hours	18.76%
	(Total 0.5)	5 hours	
Dhawaatalaau	1		
Rheumatology	(Total 0.5)	5 hours	12.5%
	(Total 0.5)	5 hours	
Haematology	1		
паеттагоюду	(Total 0.5)	5 hours	12.5%
_	(Total 0.5)	5 hours	
Neurology	0.75	7.5 hours	9.37%
Chest	0.75	7.5 hours	9.37%
		Principle	Head of the
Student signature		coordinator	department
8		signature	signature



Year 3 (48 credit point for training in all units including mini clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in internal medicine	48	Internal medicine department	Year 2	100%
	29		 Practice with clinical cases for at least 8 month in the department including rotation between the six major units of the department including interpretation of their related laboratory investigation and different radiologic patterns Log of cases as mentioned below Procedures log as mentioned below 	60.4%
	10		➤ Night shift (From 2 pm to 8 am) at least 1 night shift /week for 20 week in the department	20.8%
	2		Attendance of one day /week in the Outpatient clinic (3 hours/day) for at least 20 week	4.2 %
	4		Attendance of at least 1 month in the internal medicine intensive care unit.	8.3%
	3		Mini clinical exam	6.3 %
Student signature			Principle coordinator Signature	Head of the department signature



Module1: Cardiovascular and its critical care

Requirements

• Credit points: 3.6 credit point for didactic (lectures, seminars, tutorial during year 2, 3) and 16.5 point for training (2.5 point in first year and 14 points in second and third year)

Minimal rate of attendance 80% of didactic and training

Topics

- 1. Cyanosis.Differenial diagnosis of chest pain
- 2. Cardiac dysrhythmias.
- 3. Rheumatic fever.
- 4. Chronic valvular rheumatic heart disease.
- 5. Cardiomyopathy.
- 6. Heart failure.
- 7. Infective endocarditis.
- 8. Pericardial effusion.
- 9. Systemic hypertension.
- 10. Care of patients with cardiac invasive operations in the perioperative period.
- 11. Acute coronary syndrome
- 12. Cardiac temponade
- 13.Pulmonary edema
- 14. Pulmonary embolism
- 15.Shock



Cardiovascular and Critical care Unit Module					
Chest pain	40	Cardiogenic shock	10		
Infective endocarditis	10	Aortic dissection	5		
Cardiomyopathy	10	Pulmonary embolism	10		
Acute coronary syndrome	20	Rheumatic heart disease	20		
Cardiac tamponade	5	Hypertension	30		
Acute rheumatic fever	10	Ischaemic heart disease	30		
Cardiac arrhythmia	30				
Acute heart failure	10				
Hypertensive encephalopathy	10				



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



Module 2: Nephrology and dialysis unit

Requirements

◆ Credit points: 3.6 credit point for didactic (lectures, seminars, tutorial during year 2, 3) and 16.5 point for training.(2.5 point in first year and 14 points in second and third year)

Minimal rate of attendance 80% of didactic and training

Topics

- 1. Nephrotic syndrome with its types:
- 2. Glomerulonephritis with its types
- 3. Acute renal failure.
- 4. Chronic renal failure.
- 5. Hematuria
- 6. Obstructive uropathy
- 7-Oliguria
- 8-Urine analysis
- 9-Pylonephritis
- 10-Peritoneal and hemodialysis
- 11-Interstial nephritis

Nephrology and dialysis Unit Module					
Cases	Minimal Number	Cases	Minimal Number		
Acute renal failure	10	Tubulo interstitial disease	10		
Chronic renal failure	40	Renal tubular acidosis	10		
nephrotic syndrome	20	Nephrogenic diabetes insipidus	5		
Glomerulonephritis	10	Observation of kidney biopsy	5		
Hematuria for DD	10	Renal dialysis	100		
Urinary tract infection	20				
Urinary stones	10				
Renovascular disease	10				



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



Module 3: Haematology and its critical care unit Requirements

• Credit points: 3.6 credit point for didactic (lectures, seminars, tutorial during year 2, 3) and 16.5 point for training.(2.5 point in first year and 14 points in second and third year)

Minimal rate of attendance 80% of didactic and training **Topics**

- 1-Anemia.
- 2- Neutropenia.
- 3- Bleeding and coagulation disorders.
- 4- Hematological malignancies.
- 5- Solid tumors.
- 6- Lymphadenopathy.
- 7- Splenomegaly.
- 8- Hematological disorders of the newborn.
- 9- Plasma pharesis
- 10- Blood transfusions
- 11- Bone marrow failure.

Hematology and its critical care Unit Module					
Cases	Minimal Number	Cases	Minimal Number		
Deficiency Anaemias	20	Lymphadenopathy & lymphoma	20		
Haemolytic Anaemias	10	Refractory Anaemias & Anaemias of chronic diseases	10		
Aplastic anemia	10	Leukocyte disorders & immune deficiency	10		
Purpura and bleeding disorders	20	Chronic leukaemias & Myeloproliferative disorders	10		
Congenital and acquired clotting disorders	10				
Acute leukaemias	20				



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation
A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision

Module 4: Endocrinology

Requirements

• Credit points: 3.6 credit point for didactic (lectures, seminars, tutorial during year 2,3) and 16.5 point for training.(2 point in first year and 14.5 points in second and third year)

Minimal rate of attendance 80% of didactic and training

Topics

- 1- Short stature.
- 2. Diabetes type I and II
- 3. Obesity.
- 4. Polyurea and polydepsia.
- 5. hypo- and hyperpituitrism.
- 6. Hypo- and hyperglycemia.
- 7. Hypo- and hyperthyroidism.
- 8. Hypo- and hypercalcemia
- 9. Hypo- and hyperadrenocorticism.
- 10. Delayed and precocious puberty.
- 11. Intersex.
- 12-Osteoporosis and osteomalacia

Endocrinology, diabetes and its critical care Unit Module				
Case	Minimal Number	Case	Minimal Number	
Diabetes mellitus	100	Hypoparathyroidism	2	
Short stature for DD	10	Hyperparathyroidism	2	
Obesity for DD	20	Hypopituitrism	2	
Hypothyroidism	20	Precocious puberty	1	
Diabetes insipidus	5	Hypoadrenocorticism	8	
Delayed puberty	5	Hypoglycemia	5	
Osteoporosis	10	Chronic diabetic complication	50	
Cushing syndrome	10	Pheochromocytoma	1	
Acute diabetic complications	20	Thyrotoxicosis	20	



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



Module 5: Gastroenterology, hepatology and its critical care Unit Requirements

• Credit points: 3.6 credit point for didactic (lectures, seminars, tutorial during year 2, 3) and 16.5 point for training (2.5 point in first year and 14 points in second and third year)

Minimal rate of attendance 80% of didactic and training **Topics**

- 1. Common lesions of the oral cavity.
- 2. Acute and chronic diarrhea.
- 3. Malabsorptive disorders.
- 4. Inflammatory bowel disease.
- 5. Acute and chronic abdominal pain.
- 6. Parasitic infestation.
- 7. GERD and congenital hypertrophic pyloric stenosis.
- 8. Congenital anomalies of the anus, rectum and colon.
- 9. Intestinal obstruction.
- 10.GIT bleeding.Upper and lower
- 11. Acute and chronic hepatitis.
- 12. Fulminant hepatic failure.
- 13. Cholestasis.
- 14.Liver cirrhosis.
- 15. Splenomegaly.
- 16.Portal hypertension
- 17. Ascites and peritonitis
- 18.Reflux oesphagitis, gastritis and peptic ulcer
- 19. Hepatic encephalopathy
- 20.Pancreatitis
- 21.Heptoma



Gastroenterology & Hepatology and its Critical care Module

Case	Minimal Number	Case	Minimal Number
Acute hepatic encephalopathy	5	Acute pancreatitis	10
Acute upper GIT bleeding	40	Spontaneous bacterial peritonitis	10
Hepato-renal syndrome	10	Acute lower GIT bleeding	10
Chronic hepatic encephalopathy	20		
Acute diarrhea	40	Gastroesophageal reflux	10
Chronic diarrhea	20	Gastritis	20
Bloody diarrhea	10	Pancreatitis	10
Malabsorption	5	Liver cirrhosis with Portal hypertension and/or LCF	20
Acute abdominal pain	20	Paralytic illeus	5
Constipation	20	Dysphagia	5
peptic ulcer	10	Hepatic malignancy	10
Persistent vomiting	10	Ascites DD	20
Jaundice DD	10	Observation of Liver biopsy	5



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



Module 6: Rheumatology and musculoskeletal diseases unit

Requirements

• Credit points: 2.4 credit point for didactic (lectures, seminars, tutorial during year 2, 3) and 11 point for training (2 point in first year and 9 point in second and third year)

Minimal rate of attendance 80% of didactic and training

Topics

- 1. Suspected Rheumatic Disease (diagnosis, investigatons).
- 2-Rheumatoid arthritis
- 3. Juvenile Rheumatoid Arthritis.
- 4. Infective Arthritis.
- 5-Seronegative arthropathy
- 6. Systemic Lupus Erythematosus.
- 7. Dermatomyositis and scleroderma.
- 8. Osteoarthritis.
- 9. Poly arthritis, monoarthritis
- 10-Arthritis in systemic diseases
- 11-Non articular rheumatism.
- 12Antiphospholipid syndrome.



Rheumatology and musculoskeletal diseases Module

Cases	Minimal Number	Cases	Minimal Number
SLE	20	Osteoarthritis	20
Crystal induced arthropathy	10	Seronegative arthropathy	5
Systemic sclerosis	10	Arthritis in systemic disease	10
Dermatomyositis and polymyositis	5	Infective arthritis	10
Rheumatoid arthritis	20	Antiphospholipid syndrome	10



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation
A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



mcai case H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor
	Case	participation		Super visor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of	Level of	Location	Signature of
	case	participation*		supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



Module 7: Chest Unit

Requirements

• Credit points: 1.2 credit point for didactic (lectures, seminars, tutorial during year 2,3) and 5.5 point for training (in second and third year)

Minimal rate of attendance 80% of didactic and training

Topics

- 1. COPD
- 2. Bronchial asthma
- 3. Respiratory failure.
- 4. Pneumonia (viral or bacterial).
- 5. Suppurative lung syndrome.
- 6. Cystic fibrosis.
- 7. Pleurisy, pleural effusions and empyema
- 8. Interstitial lung diseases.
- 9. Pulmonary embolism infarction and hemorrhage
- 10. Atelectasis.
- 11. Pulmonary tumors.

Chest disease Module			
Cases	Minimal Number		
COPD	20		
Lung cancer	10		
Pleural effusion	10		
Respiratory failure	5		
Interstitial pulmonary fibrosis	20		
Pneumonia	10		
Bronchial asthma	10		



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



Module 8: neurology

Requirements

• Credit points: 1.2 credit point for didactic (lectures, seminars, tutorial during third year) and 5.5 point for training (in second and third year)

Minimal rate of attendance 80% of didactic and training

Topics

- 1. Cerebral Palsy.
- 2. Motor deficit (hemiplegia, paraplegia, quadriplegia)
- 3. Myopathy.
- 4. Peripheral neuropathy.
- 5. Epilepsy & condition that mimic epilepsy.
- 6. Headache.
- 7. Neurodegenerative and neurometabolic diseases.
- 9. Intracranial tumors.
- 10. Meningitis.
- 11. Encephalitis.
- 12. Coma.
- 13. Ataxia.

Neurological disease Module				
Case	Minimal Number			
Convulsions	20			
Meningitis & encephalitis	10			
Cerebrovascular stroke	10			
Coma for DD	20			
Neuropathy	20			
	10			



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision



H.N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

^{*} Level of participation A- Plan and carry out

- B- Carry out
 C- Carry out under supervision



Module 9: Radiology

Requirements

Credit points: 1.2 credit point for didactic (lectures, seminars, tutorial) and 5.5 point for training (in second and third year)

Minimal rate of attendance 80% of didactic and training

Radiology Module			
Cases	Minimal Number		
X-ray of the bone.	20		
Plain urinary tract with and without contrast	10		
Barium swallows meal and enema.	10		
Ultrasonography of the abdomen	20		
Computed tomography	20		
MRI	20		



Test for the competency in the procedure*

Date	Procedure	Level of competency*	Signature of supervisor

Level of competency *

- A- Independent performance
- B- Performance under supervision
- C- Observed



Test for the competency in the procedure*

Date	Procedure	Level of competency*	Signature of supervisor

Level of competency *

- A- Independent performance
- B- Performance under supervision
- C- Observed



Procedures

20% DURING YEAR 1



General Internal medicine procedures

Procedure	Number	Procedure	Number
Intravenous line insertion	Level C 5 Level B 5 Level A 15	Fluid therapy	Level C 5 Level B 5 Level A 15
Nasogastric tube insertion	Level C 5 Level B 5 Level A 15	Rectal tube insertion	Level C 5 Level B 3 Level A 15
Airway suctioning	Level C 3 Level B 3 Level A 15	Oxygen therapy	Level C 3 Level B 3 Level A 15
Venous blood sampling	Level C 5 Level B 3 Level A 15	Blood & blood product transfusion	Level C 5 Level B 5 Level A 15
Urine analysis by dipsticks	Level C 3 Level B 3 Level A 15		
Wound dressing	Level C 5 Level B 5 Level A 15		

Emergency procedures					
Cardiopulmonary resuscitation	Level C 5 Level B 5 Level A 10	Arterial blood sampling	Level C 5 Level B 5 Level A 20		
Control of convulsions	Level C 5 Level B 5 Level A 20	Stomach wash	Level C 3 Level B 3 Level A 20		
Cerebrospinal fluid tap	Level C 5 Level B 5 Level A 20	Pleural effusion tap	Level C 3 Level B 5 Level A 20		
Bag mask ventillation	Level C 5 Level B 5 Level A 20	Monitoring of vital signs	Level C 5 Level B 5 Level A 20		
Nebulizer usage	Level C 5 Level B 5 Level A 20	Serum glucose assessment by Glucometer	Level C 5 Level B 5 Level A 20		
Anti- shock measures	Level C 5 Level B 5 Level A 20	Pulse oximetry	Level C 3 Level B 3 Level A 20		



Intensive care procedures					
Basic life support	Level C 5 Level B 5	Advanced life support & mechanical ventillation	Level C 5 Level B 5		
Endotracheal intubation	Level A 20 Level C 5 Level B 5 Level A 20	Anti-dysrrhythmic maneuvers	Level A 20 Level C 5 Level B 5 Level A 20		
Partial exchange transfusion	Level C 5 Level B 5 Level A 20	Central venous line	Level C 5 Level B 5 Level A 20		
Cardioversion	Level C 5 Level B 5 Level A 5	Urinary catheter	Level C 5 Level B 5 Level A 20		
Total parentral nutrition	Level C 5 Level B 5 Level A 20	Arterial line placement	Level C 5 Level B 5 Level A 20		
Singestaken tube insertion	Level C 5 Level B 3 Level A 5				

Gastroenterology & hepatology and chest procedures						
Electrolyte correction Level C 5 Level B 5 Level A 20 Level C 5 Abdominal ultrasonography Level C 5						
Ascitic fluid tap	Level C 3 Level B 3 Level A 3	Liver biopsy	Level C 5 Level B 5 Level A 20			
Level C 5 Chest physiotherapy Level B 5 Level A 20 Level A 20 Level A 10						



Cardiology procedures				
ECG	Level C 5 Level B 5 Level A 20	Echocardiography	Level C 5	

Nephrology procedures				
Peritoneal dialysis	Level C 5 Level B 5 Level A 20	Hemodialysis	Level C 5 Level B 5 Level A 20	
Femoral catheterization	Level C 5			

Hematology and rheumatology procedures					
Desferal infusion	Level C 5 Level B 5 Level A 20	Plasma pharesis	Level C 5 Level B 5 Level A 20		

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed



A-Clinical Rotation, Outpatient clinic, Case log and Night Shift Clinical Rotation

Duration from -to	Location	Signature of supervisor		Duration from -to	Location	Signature of supervisor
			_			
			_			
			_			
			_			



Outpatient clinic

Date/ Duration from -to	Signature of supervisor	Date/ Duration from -to	Signature of supervisor



Outpatient clinic

Date/ Duration from -to	Signature of supervisor		Date/ Duration from -to	Signature of supervisor
		-		



Night Shift

Date	Signature of supervisor	Date	Signature of supervisor



Night Shift

Date	Signature of supervisor	Date	Signature of supervisor
	•		•



Night Shift

Date	Signature of supervisor	Date	Signature of supervisor



Clinical rounds log

Date	Attendance	Case presentation	Signature of supervisor



Signature of supervisor Attendance Date **Case presentation**



Date	Attendance	Case presentation	Signature of supervisor



Rotation and attendance different units

Date From - to	Unit	Duration	Signature of supervisor



Post graduate teaching First: lectures

Date	Title of lecture	Signature of Staff member



Post graduate teaching Second: Tutorial

Date	Title of Tutorial	Signature of Staff member



Post graduate teaching Second: Tutorial

Date	Title of Tutorial	Signature of Staff member



Post graduate teaching Third: Clinical Teaching

Title of Clinical Teaching	Signature of Staff member
	Title of Clinical Teaching



Procedures log book Test for the competency in the procedure*

Date	Procedure	Level of competency*	Signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Test for the competency in the procedure*

Date	Procedure	Level of competency*	Signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Test for the competency in the procedure*

Date	Procedure	Level of competency*	Signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed



Test for the competency in the procedure*

Date	Procedure	Level of competency*	Signature of supervisor

- A- Independent performance
- B- Performance under supervision
- C- Observed

Postgraduate student's program Rotation in training assessment

* Name:	
---------	--

* Period of training From:

To:

* Site:

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2) (3)	(4) (5)	strongl agree (6) (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).					
Appraises evidence from scientific studies.					
Conduct epidemiological studies and surveys.					
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.					



General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Facilitate learning of students other health care professionals including their								
evaluation and assessment.								
Maintain therapeutic and ethically sound relationship with patients.								
Elicit information using effective nonverbal, explanatory, questioning,								
and writing skills. Provide information using effective nonverbal, explanatory,								
questioning, and writing skills.								
Work effectively with others as a member of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the								
needs of patients and society.								
Demonstrate a commitment to ethical principles including								
provision or withholding of clinical care, confidentiality of patient								
information, informed consent, business practices.								



كلية الطب

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4	(5)	(6)	strongly agree (7)
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in relevant health care delivery settings and systems including good administrative and time management								
Practice cost-effective health care and resource allocation that does not compromise quality of care.								
Assist patients in dealing with system complexities.								



Elective Course 1

Requirements

- Credit points: 2 credit point.
 - Minimal rate of attendance 80% of lectures and 80% of training



Name o	of the	elective	course:	
--------	--------	----------	---------	--

Elective Course Lectures

Date	Attendance	Topic	Signature
		_	
			1



Elective Course Practical skills

Date	Attendance	Topic	Signature



Academic activities Lecture, journal club, conference, workshop

Activity	Your role **	Date	supervisor

** Your role:-

A- Attendance

B- Organization

C- Presentation



Formative assessment

Exam	Score	*Degree	Date	Signature

*Degree A- Excellent

B- Very good C- Good

D- Pass



الرسائل العلمية

عنوان الرساله
عربـــــ
انجلـــــيزي :
المشرفــــون :
-1 -2
4- تاریخ القیـــد لدرجــــة :
تاريخ التسجيل الموضوع:
المتابعة الدور يــــــــــــــــــــــــــــــــــــ

توقيع المشرفين	المتبقي	ما تم انجازه من بروتوكول البحث	التاريخ



Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
]	First Part		
Course 1: Pharmacology			
Course 2: Anatomy and Histology			
Course 3: Physiology and Biochemistry			
Course 4: Pathology & Clinical			
pathology& Bacteriology			
Course 5: Infection control & Addiction			
Course 6: Basic of Internal medicine:			
	Part Course 7: I internal medicine		
- Elective Course (s) Certificate (s)			
Dates:			
- Master Degree Thesis Acceptance			
Date:			
- Fulfillment of required credit points			
prior to final examination			
-M Sc Degree Principle Coordinator:			
Date approved by Department Council:			

يعتمد ، رئيس القسم