

Courses for the Master's degree in the Faculty of Medicine, Department of Internal Medicine:

1- General courses

Targeted learning outcomes to be covered (code) ☐	Priorities ☐	Number of hours/week for 17 weeks ☐			units ☐	Course name ☐	Course code ☐
☐	☐	Training ☐	Lab ☐	Lectures ☐			
☐	-	-	-	2	-	Research methodology 1 ☐	GIM-MS-RM1 ☐
	-	-	-	2	-	Research methodology 2 ☐	GIM-MS-RM2 ☐
				2	-	Biomedical statistics	GIM-MS-BS
				6		Total	

2- Basic courses

Targeted learning outcomes to be covered (code) ☐	Priorities	Number of hours/week for 17 weeks			units ☐	Course name ☐	Course code ☐
		Training	Lab	Lectures			
☐	☐	☐	☐	2 ☐	- ☐	Histology	GIM-MS-HIS
				2	-	Physiology1	GIM-MS-PHY1
				2	-	Physiology2	GIM-MS-PHY2
				2	-	Biochemistry	GIM-MS-BIO
				2	-	Pathology	GIM-MS-PAT
				2	-	Microbiology	GIM-MS-MIC
				2	-	Pharmacology	GIM-MS-PHA
				14		Total	

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3- Specialized courses ☐

Targeted learning outcomes to be covered (code) ☐	Priorities	Total number of hours	units ☐	Course name ☐	Course code ☐
☐	☐	1540	-	Internal medicine 1,2	GIM-MS-IM1, 2

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4- Residency training program

Targeted learning outcomes to be covered (code) ☐	Number of months	units	Course name	Course code
	2 ☐	☐	General medicine ☐	GIM-MS-T ☐
	2 ☐	☐	Cardiovascular medicine ☐	CVS-MS-T ☐
☐	1 ☐	☐	Intensive care ☐	IC-MS-T ☐
☐	1 ☐	☐	Respiratory medicine	RS-MS-T ☐
☐	2 ☐	☐	gastroenterology	GE-MS-T ☐
	1 ☐	☐	Neurology	NEU-MS-T ☐
	2 ☐	☐	Endocrinology and metabolism	EN&M-MS-T ☐
	1 ☐	☐	Nephrology	NEPH-MS-T ☐
	2 ☐	☐	Hematology and oncology	H&O-MS-T ☐
	1 ☐	☐	Infectious disease	ID-MS-T ☐
	2 ☐	☐	Rheumatology and collagen disease	RHEU-MS-T ☐
	18		Total ☐	

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5- Procedures

Targeted learning outcomes to be covered (code)	Minimum No. of cases	Procedure	Procedure code
Outcome codes are listed ☐	10 ☐	Nasogastric tube insertion ☐	IMP-MS-1 ☐
☐	10 ☐	Perform arterial puncture, and insertion of percutaneous arterial catheter ☐	IMP-MS-2 ☐
☐	10	Paracentesis	IMP-MS-3 ☐
☐	5	Central venous line placement	IMP-MS-4 ☐
☐	5	Pleurocentesis	IMP-MS-5 ☐
☐	5 ☐	Internal jugular puncture ☐	IMP-MS-6 ☐
☐	5 ☐	Bone marrow aspiration and biopsy ☐	IMP-MS-7 ☐
☐	3 ☐	Arthrocentesis ☐	IMP-MS-8 ☐
☐	5 ☐	Endotracheal intubation ☐	IMP-MS-9 ☐
☐	5 ☐	Lumbar puncture ☐	IMP-MS-10 ☐
	63	Total	

Second year lectures for master of internal medicine

Cardio vascular

1. Coronary heart disease.
2. Acute coronary syndromes.
3. Hyper tension.
4. Heart failure.
5. Valvular Heart disease.
6. Infective endocarditis.
7. Dilated cardiomyopathy.
8. Myopericardial disease.

Respiratory

1. **Community** and hospital acquired pneumonia .
2. Chronic obstructive airway disease.
3. Bronchial asthma.
4. Pulmonary thrombo embolism and Pulmonary tuberculosis .
5. Respiratory failure type I-II.
6. Interstitial lung disease and pleural disease.
7. Lung cancer.
8. Respiratory sleep disorder.

GIT

1. Esophageal disease .
2. Peptic ulcerative colitis.
3. malabsorption.

4. Liver cirrhosis.
5. Acute and chronic pancreatitis.
6. Nonalcoholic steato hepatitis and non-alcoholic fatty liver.

CNS

1. Cerebrovascular disease.
2. Epilepsy and headache.
3. Neuromuscular disorder.
4. Demyelinating disease.
5. Parkinsonism.
6. Central nervous system infection.
7. Cytopathy and myopathy.

Haemat

1. Anemia
2. Thrombophilia.
3. Bleeding disorder.
4. Leukemia.
5. Lymphoma.
6. Myeloproliferative.
7. Plasma cell disorder.

Rheumat

1. SLE.

2. Poly myositis.
3. Rheumatoid arthritis.
4. Progressive systemic sclerosis.

5. Systematic vasculitis.
6. Ant phospholipid Anti body syndrom.
7. Crystal associated arthropathics and spondylo arthropathics.

Renal

1. Acute kidney injury.
2. Chronic kidney disease .
3. Glomerulopathics.
4. Urinary Tract infection.

Endocrine

1. DM.
2. Hypopituitarism.
3. Pituitary adenoma.
4. Primary hypothyroidism.
5. Adrenal disorder.
6. Metabolic bone disease and lipid disorder.
7. Metabolic bone disease and lipid disorder.
8. Male hypogonadism.

Infection

1. Chronic HBV and HCV infection.
2. Fungal infection (Candida / Aspergillosis).
3. HIV infection.
4. Pyrexia of unknown origin.
5. Parasitic infection malaria.
6. Tick borne disease and visceral leishmaniasis.
7. Health care related infections.

Total: 64 theoretical lectures (32 Weeks) (each lecture 3.hrs.)

Clinical teaching one lecture weekly 3hrs 9:00 – 12:00

Case presentation an hour weekly 8.30 - 9.30

Clinical meeting an hour weekly 8.30 – 9.30