## MSc degree of clinical pharmacology

## **Program-aims ILOs Matrix**

Program ILOs are enlisted in the first row of the table (by their code number: a1, a2.....etc), then the course aims are enlisted in first column, and an "x" mark is inserted where the respective course contributes to the achievement of the program ILOs in question.

Program		Programme ILOs  1   a2   a3   a4   a5   a6   a7   a8   a9   a   a   a12   a1   a1   b   b   b   b   b   c   c   c   c   c																													
aims	a1	a2	a3	a4	a5	a6	a7	a8	a9	a 10	a 11	a12	a1 3	a1 4			b 2			b 6				c 8	c 9	d 1	d 2	d 3	d 4	d 5	d 6
Develop the ability to perform focused relevant history taking and accurate clinical examination in patients with diseases affecting various body	X															X				X								X	X		
Optimize clinical application of drugs in medical practice		X																	X	ζ	X				X			X			
Provide a basic knowledge in modern biochemistry				X	X																						X				
knowledge of integration of physiological functions						X																					X				
knowledge of virology and systemic bacteriology			X														X										X				
understand different mechanisms of normal and abnormal immune response & relevant diseases											X																X				

study the			2	X	X	X							X	X	X		X	X					X	X		X			
pharmacodynamics/ki																													
netics, adverse effects,																													
clinical applications &																													
drug-drug Interactions																													
Study classical and																			X	X	X	X				X	$\mathbf{X}$		
modern approaches to																													
drug development																													
Acquire skill of																			X	X	X				X				
preparing animal																													
model of disease for																													
experimental drug use.																													
Gain the skill of										X	X								X	X	X	X			X	X		X	X
carrying out a																													
scientific research and																													
an effective																													
presentation.																													
knowledge about	X				X	X								X	X	$\mathbf{X}$	X	$\mathbf{X}$					X	X		X			
evidence based																													
pharmacotherapy to																													
prescribe rationally in																													
different case																													
scenarios																													
Study drugs acting by				X			X	X																		X			
mechanisms on																													
immune system and																													
recommends of																													
immunization																													
knowledge about									X																	X			
herbal medications;																													
their uses, precautions																													
and interactions																													