

كلية الصيدلة / جامعة كربلاء

فرع الادوية والسموم

المنهاج الخاص بالامتحان التنافسي لدراسة الماجستير للعام الدراسي 2019-2020 .

Dept.	Topics	Reference	degree
<b>Pharmacology &amp; Toxicology</b>	<ul style="list-style-type: none"> <li>• Autonomic Nervous system</li> <li>• Cholinergic agonist</li> <li>• Cholinergic antagonist.</li> <li>• Adrenergic agonist</li> <li>• Adrenergic antagonist.</li> <li>• Antihypertensive drugs</li> <li>• Toxicology</li> </ul>	Lippincott illustrated Reviews, Pharmacology 6 <sup>th</sup> edition	50%
<b>Clinical pharmacy</b>	<p>General clinical pharmacy , included</p> <ul style="list-style-type: none"> <li>• Clinical pharmacokinetic</li> <li>• Drug interaction</li> <li>• Adverse drug reaction</li> <li>• Laboratory data</li> </ul>	Clinical pharmacy and therapeutics by Walker 5 <sup>th</sup> ed.	10%

<b>Clinical laboratory sciences</b>	<ul style="list-style-type: none"> <li>• Carbohydrates metabolism</li> </ul>	Harpers biochemistry, 26 <sup>th</sup> ed.	10%
<b>Pharmacognocny</b>	<ul style="list-style-type: none"> <li>• The gastrointestinal and biliary system (chapter 14)</li> </ul>	Fundamentals of pharmacognocny and phytotherapy ( Michael Heinrich)	10%

<p><b>Pharmaceutical chemistry</b></p>	<ul style="list-style-type: none"> <li>• Drug design strategies</li> </ul>	<p>Organic medicinal and pharmaceutical chemistry 2<sup>nd</sup> ed.  (John M. Beale, J and John. H. Block)</p>	<p>10%</p>
<p><b>pharmaceutics</b></p>	<ul style="list-style-type: none"> <li>• Intravenous infusion (chap. 5)</li> </ul>	<p>Applied pharmaceutics and pharmacokinetics 5<sup>th</sup> ed.  Leon Shargel , Susanna Wu-pong, Andrew B.C Yu.</p>	<p>10%</p>