



منهاج الامتحان التنافسي للمتقدمين للدراسات العليا للعام الدراسي ٢٠٢٤/٢٠٢٥
لكلية الصيدلة جامعة بغداد

1. منهاج المتقدمين لنيل شهادة الدكتوراه (لجميع الفروع العلمية المفتوحة):

Material	References
1. Pharmacology and Toxicology	
Chapter 22: Anticoagulants and Antiplatelet Agents Chapter 23: Drugs for Hyperlipidemia	Lippincott Illustrated Reviews: Pharmacology 7 ed.
2. Clinical Pharmacy	
1-Osteoporosis (Chapter 3) 2-Heart failure (chapter 9) 3-Psoriasis (Chapter 17) 4-Adrenal gland disorders (Chapter 18) 5-Cirrhosis and portal hypertension (Chapter 21) 6-Depressive disorders (Chapter 69) 7-Chronic kidney Disease (Chapter 76)	Pharmacotherapy Handbook. 12th Edition. By Joseph T. DiPiro
3. Pharmaceutical Chemistry	
1. Drug Design Strategies (Chapter 2) 2. Metabolic Changes of Drugs and Related Organic Compounds (Chapter 3) 3. Antineoplastic Agents (Chapter 10) 4. Adrenergic Agents (Chapter 16). 5. Nuclear Magnetic Resonance Spectroscopy (Spectrometric Identification of Organic Compounds, Robert M. Silverstein, 8 th ed, Ch. 3)	Wilson and Gisvold Textbook of Organic Medicinal and Pharmaceutical Chemistry, 12 th edition
4. Clinical Chemistry	
Chapter 21: Disorders of haem metabolism: Iron and the porphyrias Chapter 22: Cardiovascular diseases Chapter 27: In born errors of metabolism	Clinical Biochemistry and Metabolic Medicine ; Martin A Crook 8 th edition
5. Pharmaceutics	
1. Chapter 4: Dosage form design: Pharmaceutical and Formulation Consideration 2. Chapter 5: Dosage form design: Biopharmaceutical and Pharmacokinetic consideration 3. Chapter 11: Diffusion	-Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, Ninth edition - Martin's Physical Pharmacy and Pharmaceutical Sciences: Physical Chemical and Biopharmaceutical Principles in the Pharmaceutical Sciences, 6th ed
6. Pharmacognosy	
Chapter 3: Glycosides Chapter 7: Volatile oils Chapter 8: Alkaloids	Pharmacognosy by Tyler, 9 th edition

2. منهاج المتقدمين لنيل شهادة الماجستير (لجميع الفروع العلمية المفتوحة):

Material	References
1. Pharmacology and Toxicology	
Chapter 2: How drugs act: general principles Chapter 3: How drugs act: molecular aspects	RANG and DALE'S Pharmacology, Eighth edition
2. Clinical Pharmacy	
1-Rheumatoid Arthritis (Chapter 4) 2-Venous Thromboembolism (Chapter 14) 3-Peptic Ulcer Disease (Chapter 29) 4-Parkinson Disease (Chapter 58) 5-Glaucoma (Chapter 66)	Pharmacotherapy Handbook. 12th Edition. By Joseph T. DiPiro
3. Pharmaceutical Chemistry	
1. Drug Design Strategies (Chapter 2) 2. Metabolic Changes of Drugs and Related Organic Compounds (Chapter 3) 3. Antibacterial Antibiotics (Chapter 8) 4. Cholinergic Drugs and Related Agents (Chapter 17) 5. Infrared Spectroscopy (Spectrometric Identification of Organic Compounds, Robert M. Silverstein, 8 th Edition, Chapter 2).	Wilson and Gisvold Textbook of Organic Medicinal and Pharmaceutical Chemistry, 12 th edition
4. Clinical Chemistry	
Amino Acids & Peptides (Chapter 3) The hypothalamus and pituitary gland (Chapter 7)	1- "Harper's Illustrated Biochemistry" 31 st ed. 2018. 2- "Clinical Biochemistry & Metabolic Medicine" 8 th . ed. 2013
5. Pharmaceutics	
Chapter 23: Pharmaceutical Preformulation Chapter 20: Novel Dosage Forms and Drug Delivery Technologies	Aulton's Pharmaceutics. Fifth edition Ansel's pharmaceutical Dosage Form and drug delivery systems, ninth edition.
6. Pharmacognosy	
Principles of Chromatography Method Development Chromatography Techniques	Chromatography - Separation, Identification and Purification Analysis by Narasimha S. Lakka and Chandrasekar Kuppamy 2019 Chemistry for Queensland Units 1&2 by Oxford University press. 2019, chapter 13