

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pharmaceutical Chemistry (2)
Course number	PHCH4211
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - recognize the drugs affecting different targets or receptor.
- 2 - Identify the categories of certain classes of drugs and their effects
- 3 - Apply the knowledge from prerequisite courses
- 4 - Recognize the relation between molecules for design of certain synthetic leads

Course Contents

- 1 - Introduction
- 2 - Antifungal agents
- 3 - Anthelmintics
- 4 - Antimalarials
- 5 - Antiprotozoals
- 6 - Antiscabious
- 7 - Antiviral agents
- 8 - Antineoplastic Agents
- 9 - Nonnarcotics analgesics (NSAIDs)s
- 10 - Narcotic drugs (morphine and related compounds)
- 11 - Antitussive agents

Books and References

Essential books	wilson and gisvolds Textbook of organic medicinal and pharmaceutical chemistry 11th ed. lippencott isbn 0781734819
Recommended books	Foyes principles of medicinal chemistry lippencott 6th ed. isbn0781768799 burgers medicinal chemistry and drug discovery 6th ed. isbn 0471370282

