

Course Detailed Description – Procedures of the Course Plan Committee /Faculty of Pharmacy	QF02/0408–2.1E
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Department	Pharmacy
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Course Name	Pharmacology 2	Course No.	0201431
Prerequisite	Pharmacology 1	Credit Hours	3
Number & date of course plan approval		Brief Description	See form QF02/0409

Course Objective	To understand the basic and clinical principles of drugs used in treatment of central nervous system diseases such as convulsion, psychosis and Parkinson and drugs used in treatment of endocrine system imbalance.		
Intended Learning Outcomes	At the end of this course, the students are expected to have good understanding of the followings: <ol style="list-style-type: none"> 1) The mechanism of actions and the pharmacokinetics of drugs used in treatment of central nervous and endocrine systems. 2) The clinical uses and the undesirable side effects of drugs used in treatment of central nervous and endocrine systems. 		
Course Topics	Central nervous system drugs: Anti-Parkinson, anti-Alzheimer, anxiolytic, anesthetic, antidepressants, antiepileptic, antipsychotics and opioid analgesics. Endocrine system drugs: Hypothalamic, pituitary, thyroid, glucocorticoids and androgen hormones, in addition to antithyroid anti-diabetic drugs		
Text Books	Lippincott Illustrated Reviews: Pharmacology 7th edition		
References	Basic and Clinical Pharmacology, Katzung and Trevor 13 th edition.		
Grade Determination	1 st Exam = 25% 2 nd Exam = 25% Final Exam = 50%	Practical Course Grade Determination	Course Work = 50% (Reports, Term Papers, Quizzes) Final Exam = 50%

Course Outline

Week	Hours	Subjects	Chapters in Textbook	Notes
1	1 1 1	Anti-parkinson	8	
2	1	Anti-Alzheimer	8	

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3	1 1 1	Anxiolytic and hypnotic drugs	9	
4	1 1 1	Anesthetic drugs	13	
5	1 1 1	Antidepressants	10	
6	1 1 1	Antipsychotic drugs	11	
7,8	1 1 1	Antiepileptic drugs	12	
9	1 1 1	Opioid analgesic	14	
10	1 1 1	Hypothalamic and pituitary drugs	24	
11	1 1 1	Thyroid and antithyroid drugs	24	
12	1 1 1	Adrenal hormones	27	
13	1 1 1	Sex hormones	26	
14, 15	1 1 1	Antidiabetic drugs	25	

Approved by Dept. Chair		Date of Approval	
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Extra Information: (Updated every semester and filled by course instructor)

Course Instructor	Dr. Yazun Jarrar
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Office hours	1-2 PM S, Tue, Th