هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

2023
TP-153

Course Specification
(Bachelor)

Course Title	Basic pharmacology
Course Code	MID26222
Program:	Bachelor of Midwifery Sciences
Department:	Nursing
College:	College of Applied Medical Science
Institution:	University of Bisha
Version:	1
Last Revision Date:	30 July 2023

وزارة التعليم - جامعة بيشة
Ministry Of Education - University Of Bisha
وكالة الجامعة للشؤون التعليمية

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: 2(2+0)					
2. Course type					
A.	☐University	☐College	☒ Department	☐Track	☐Others
B.	☒ Required		☐Elective		
3. Level/year at which this course is offered: (5th level 3rd year)					
4. Course general Description:					
This course describes the uses, actions, effects, potential drug-drug and drug-food interactions, and nursing implications of general and specific drugs.					
5. Pre-requirements for this course (if any)**:**					
NA					
6. Pre-requirements for this course (if any)**:**					
NA					
7. Course Main Objective(s):					
To equip midwife students with the basic pharmacological theoretical knowledge for providing care both to the healthy individuals and to patients with different diseases.					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	27	**90%**
2	E-learning	3	**10%**
3	Hybrid • Traditional classroom • E-learning		
4	others		
5	Total	30	**100**

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	27
2.	E-learning	3

3.	Practical	
4.	Interactive learning	
5.	Seminars	
6.	Self-Learning	45
Total		75

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	State the Central Nervous System stimulants with referral to its adverse effects	K1	Interactive lecture	Assignments &quizzes
1.2	Identify the uses, actions, and effects of antidepressants, antianxiety, sedatives, and Hypnotic agents, and anticonvulsants.	K1	Interactive lecture	Assignments &quizzes
1.3	Clarify the uses, actions, and effects of drugs used for cardiovascular disorders, Coagulation disorders, and blood disorders. As well as, different types of antibiotics,antiviral, anti-parasitic agents, reproductive and the chemotherapeutic agents.	K2	Interactive lecture	Assignments &quizzes
2.0	**Skills**			
2.1	Anticipate potential drug-drug and drug-food interactions based on physiologicresponses to different pharmacological agents.	S2	Interactive lecture	Assignments &quizzes
2.2	Plan for management of a patient with abnormal drug reaction.	S2	Interactive lecture	Assignments &quizzes
2.3	Guide the patient's actions pertinent to abnormal drug reactions.	S3	Interactive lecture	Assignments &quizzes

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.4	Critique effectiveness of medications on care outcomes.	S3	Interactive lecture	Assignments &quizzes
3.0	**Values, autonomy, and responsibility**			
3.1	Take responsibility for self and peer learning.	V1	Interactive lecture Group discussion	Oral presentations
3.2	Committed to provide their assignments in due times.	V2	Interactive lecture Group discussion	Oral presentations

C. Course Content

No	List of Topics	Contact Hours
1.	Pharmacokinetics pharmacodynamics	2
2.	pharmacodynamics	2
3.	Antianxiety, sedatives, and hypnotic agents.	2
4.	Anesthetic agents.	2
5.	Antimicrobial agents.	2
6.	Drugs for heart failure, hypertension, and arrhythmias.	2
7.	Drugs for angina, myocardial infarction and cerebrovascular accident.	2
8.	Tocolytics drugs	2
9.	Drugs for coagulation disorders.	2
10.	Drugs for hematopoietic disorders, anemia.	2
11.	Anesthetic agents	2
12.	Drugs for immune system, inflammation, and allergies.	2
13.	Antibiotics, antiviral and anti-parasite agents.	2
14.	Reproductive agents and topical preparations.	2
15.	Chemotherapy.	2
Total		**30**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous assessment	All through	30%
2.	Mid exam: Practical and theory	6^{th}-7^{th}	20%
3.	Final exam: Practical and theory	16^{th}	50%
4.	**Total**		**100%**

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Introduction to clinical pharmacology, 2018.
Supportive References	1. Journal of Pharmacological Sciences 2. European Journal of Pharmacology 3. Journal of clinical and experimental Pharmacology 4. British Journal of Pharmacology 5. International Journal of basic clinical Pharmacology 6. Pharmacology for nursing care, 2018. 7. NCLEX RN Drug Guide 7th ed. 2017.
Electronic Materials	Blackboard materials
Other Learning Materials	• E- books electronic • Online US Library

2. Required Facilities and equipment

Items	Resources
facilities	○ Classrooms ○ simulation rooms
Technology equipment	○ Data show projector ○ Blackboard ○ smart board ○ Laptop computer ○ Computer based simulator
Other equipment	**NA**

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students Course coordinatorProgram Leaders	Direct /indirect
Effectiveness of Students assessment	Students Course coordinatorProgram Leaders Examination revision committee	Direct /indirect
Quality of learning resources	Course coordinatorPeer reviewer Examination revision committee	Direct /indirect
The extent to which CLOs have been achieved	Program Leader Course coordinator	Direct /indirect
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

وزارة التعليم - جامعة بيشة
Ministry Of Education - University Of Bisha
وكالة الجامعة للشؤون التعليمية