
Course Specification

Course Title	Biochemistry	
Course Code	Asw/Nur 123	
Academic Year	1st year	
Coordinator		
Teaching Staff		
Branch / Level		
Semester	2nd semester	
Pre-Requisite		
Course Delivery	Lecture	30 x h lectures
	Practical	x h practical
Parent Department		
Date of Approval		

1. Course Aims

By the end of the course the student should be able to use the basics of medical biochemistry

2. Intended Learning outcomes (ILOs)

A. Knowledge and understanding:

By the end of this course students should be able to:

A1- Identify the proper diet in maintaining homeostasis.

A2- Recognize the metabolic process in human body.

A3- Describe the chemistry and functions of Enzymes, Vitamins, Minerals, Lipids, Carbohydrates and Protein.

B. Intellectual skills:

By the end of this course, the students should be able to:

B1- Differentiate between the different metabolic processes in human body.

C. Professional and practical skills:

By the end of this course, the students should be able to:

C1- Identify the biochemical role of the diet in maintaining health.

D. General and transferable skills:

By the end of this course, the students should be able to:

-D1- Recognize the general properties of dietary components.

3. Course Contents

Week	Topics
1 st	Carbohydrates
2 nd	Carbohydrates
3 rd	Proteins and Lipids
4 th	Proteins and Lipids
5 th	Cerebrospinal fluid & blood buffer
6 th	Cerebrospinal fluid & blood buffer
7 th	Vitamins.
8 th	Enzymes .
9 th	Minerals .

10th	Revision
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4. Teaching and Learning Methods

4.1- Lecture.

4.2- Small group discussion

5. Student Assessment

Assessment Method	Assessment Length	Schedule	Proportion
Written Examination		15 week	60%
Oral Assessment		14 week	40%

6. List of references

P.C. champe, P.A. Harvery, D.R. forrier (2008): Lippincott's Review of biochemistry, 4th ed. Lippincott Willian & Wikini, London.

Harper's Biochemistry (2009): Robert, k. Murrary. Peter A. Maures, Drayl K. Granmor and victor w. Rodwell. puublished by Appleton and Lange. colifornia

7. Facilities required for teaching and learning

Course Coordinator		Head of Department	
Name	Prof.	Prof.	
Name		تحية هاشم سليم	
(Arabic)			

Signature

Date

6/6 /2014

6/6 /2014
