Course Specifications

General Information

Course name	Biochemistry 2
Course number	PHCH3208
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - The course will focous on the catabolic and anabolic pathways of all biomolecules.

Intended Learning Outcomes

Knowledge and Understanding

* To develope the knowledge and understanding of the biomolecules general metabolism and regulation that involved in the body functions and any disturbence will causes diseases.

Course Contents

1 - Carbohydrates metabolism
2 - Amino acids and proteins metabolism
3 - Lipids metabolism
4 - Nucleic acids metabolism and protein synthesis

Teaching and Learning Methods

1 - Lectures, Presentations, Discussion, Computer 3D softwares and Reading

Teaching and Learning Methods for the Disabled Students

1 - All possible visual and listening procedures will be performed

Students Assessment

Assessment Method	TIME	MARKS
Midterm	6th week	40
Final	Final	50
Research	8th week	10

Books and References

Essential books	Lipincott and Lininger

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Carbohydrates anabolism and catabolism	1-5	Lectures, Presentations, Discussion, Computer 3D softwares and Reading			
Lipids anabolism and catabolism	6-9	Lectures, Presentations, Discussion, Computer 3D softwares and Reading			
Amino acids and proteins anabolism and catabolism	10-12	Lectures, Presentations, Discussion, Computer 3D softwares and Reading			
Nucleic acids metaboism and proteins synthesis	13-14	Lectures, Presentations, Discussion, Computer 3D softwares and Reading			