

Faculty of Pharmacy

Biochemistry-2

Information :

Course Code : PBC 222

Level : Undergraduate

Course Hours : 4.00- Hours

Department : Faculty of Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	Marwa Ismail Abdellatif Abou Shabayek	7
Professor	Hebatallah Abdulmoaty Mohamed Mahmoud Darwish	7
Professor	Marwa Ismail Abdellatif Abou Shabayek	7
Lecturer	Mai Mostafa Ahmed Mostafa Seleem	8
Lecturer	Mai Mostafa Ahmed Mostafa Seleem	8
Teaching Assistant	Mohamed Salah Attia Radwan Ali	6
Teaching Assistant	Aya Ahmed Kamal Zayed	5

Description :

The course covers the macromolecular metabolic pathways, interconversions and integration of carbohydrates (glucose oxidation, citric acid cycle, gluconeogenesis, glycogen metabolism, and hexose monophosphate shunt, and fructose and galactose metabolisms), lipids (fatty acid metabolism), proteins and nucleic acid (amino acid metabolism, disposal of nitrogen; urea cycle) in well-fed and fasted states. The laboratory biochemical measurements of different enzymes involved in different metabolic pathways enable the students to analyze and interpret the different biochemical data and their clinical significances are covered.