
Faculty of Pharmacy**Biochemistry II****Information :****Course Code :** PB 402**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Pharm D Clinical Pharmacy**Description :**

Energy production and other metabolic pathway of dietary fuels (carbohydrates, lipids and proteins) ĩ Fate of proteins ĩ Amino acids as precursors for biosynthesis of biomolecules ĩ Carbohydrates (structure of glycoproteins and proteoglycans - glucose transporters) ĩ Lipids (physiologically important lipid molecules ĩ cholesterol and steroids ĩ lipoprotein metabolism) - Integration of metabolism (Feed/fast cycle) ĩ Nitrogen metabolism and nitrogen balance ĩ Allosteric and hormonal regulation of metabolism.