

Faculty of Pharmacy**Biochemistry II****Information :****Course Code :** PB 402**Level :** Undergraduate**Course Hours :** 4.00- Hours**Department :** Pharm D**Area Of Study :**

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

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