



College of Pharmaceutical
Sciences and Drug Manufacturing
A college accredited by "NAQAAE"



PBC 403

COURSE DESCRIPTION: -

The course aims to provide students with the knowledge necessary of body metabolism (carbohydrates, lipid, and protein), energy production from dietary fuels (carbohydrates, lipids, and proteins), nitrogen metabolism and nitrogen balance, hormonal regulation of metabolism, integration of metabolism (feed/fast cycle, diabetes mellitus, and obesity) bio-signaling. Besides, it covers inborn error of metabolism biochemistry of cancer and aging, food biochemistry (milk- probiotics) as well as free radicals and antioxidants.

