

The University of Jordan, School of Medicine
Department of Physiology and Biochemistry
Syllabus for Metabolism Course (051223)

Topics	Number of Lectures
Bioenergetics of the cell	3
Energy Metabolism (TCA cycle)	3
Energy Metabolism (Oxidative Phosphorylation)	3
Carbohydrate metabolism & ROS	9
Lipid metabolism	10
Amino acids & protein metabolism	5
Conversion of amino acids to specialized products	2
Nucleic acid metabolism	2
Integration of metabolism	2
Obesity	1

-Textbook: Lippincott Illustrated Reviews: Biochemistry, Seventh Edition.

-Midterm (40%) and final exam (60%) dates will be announced by the Office of Examinations.