

97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物化學(一)	Serial No. / ID	0512 / MBI2012
Dept.	分子生物科技學系	School System / Class	大學日間部2年1班
Lecturer	江主惠	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(四)2 / J320 (五)78 / J320	Language	Chinese

Introduction
Biochemistry is an important link between Biology and Chemistry. This course introduces the chemical structures and chemical reactions and life of science. The course will give students an understanding of proteins, carbohydrates, lipid and nucleic acids

Outline
Ch1. The foundations of biochemistry. Ch2. Water. Ch3. Amino acids, peptides, and proteins Ch4. The three- dimensional structure of proteins Ch5. Protein function Ch6. Enzymes mid-term Ch7. Carbohydrates and glycobiology Ch8. Nucleotides and nucleic acids Ch9. DNA-based information technologies Ch10. Lipids Ch11. Biological membranes and transport Ch12. Biosignaling Final examination

Prerequisite
none