

朝陽科技大學 093學年度第1學期教學大綱
Biochemistry(I) 生物化學(一)

當期課號	6225	Course Number	6225
授課教師	劉炳嵐	Instructor	LIU,BING LAN
中文課名	生物化學(一)	Course Name	Biochemistry(I)
開課單位	應用化學系(二進)四A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	生物化學是一門研究組成生命基礎分子的學科，生化學家已找出生命過程中一些基礎之化學與物理原理。本課程為入門基礎，將以探討基因與蛋白質合成相關課程為主，包括生物化學之介紹、生物分子之基本結構、特性與功能；生物訊息之流向。	Objectives	Biochemistry is the investigation of the molecular basis of life. Throughout the history of this scientific discipline, biochemists have worked to reveal the fundamental chemical and physical principles that underlie living processes. This course is designed for beginners. The course The lecture topics covered DNA properties and protein biosynthesis. This will focus on introduction of biochemistry, structure and function of biomolecules, and biological information flow.
教材	Campbell & Farrell (2002) Biochemistry (4th ed.)	Teaching Materials	
成績評量方式	1. 期中考 30% 2. 期末考 40% 3. 平時成績 30%	Grading	1. Middle test 30% 2. Final test 40% 3. Lecture performance 30%
教師網頁	-		
教學內容	1. 細胞的分子成分 2. 蛋白質力學 3. DNA技術	Syllabus	1. Molecular components of cells 2. Protein dynamics 3. DNA technology

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