

100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分子生物學特論	Serial No. / ID	3083 / BDR5090
Dept.	生物產業科技學系博士班	School System / Class	研究所博士班2年1班
Lecturer	蔡明勳	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(三)567 / H545	Language	Chinese

Introduction
Special Topics on Molecular Biology

Outline
1. Introduction of this class (1) 2. A brief history - - -Transmission Genetics (1) 3. A brief history - - -Molecular Genetics (1) 4. The Nature of Genetic Material (1) 5. The Molecular Nature of Genes (1) 6. An Introduction to Gene Function (1) 7. Molecular Cloning Methods (2) Mid-term Examination 8. Molecular Tools for Studying Genes and Gene Activity (3) 9. The Mechanism of Transcription in Prokaryotes (2) 11. Operons: Fine Control of Prokaryotic Transcription (2) Final Examination

Prerequisite
Students of this class should have the abilities of listening, reading, speaking, and writing in Chinese and English.