

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分子生物學特論	Serial No. / ID	1514 / BTR5090
Dept.	生物產業科技學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	蔡明勳	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)567 / H560	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.