

97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	基因工程原理與實習	Serial No. / ID	0475 / BTI4021
Dept.	生物產業科技學系	School System / Class	大學日間部4年1班
Lecturer	洪淑嫻	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(一)567 / H560	Language	Chinese

Introduction

This course introduces the principles and applications of molecular biology to modern biotechnology.

Outline

1. Plasmid and Bacteriophages
2. Cloning vector
3. Purification and Detection of Nucleic Acids
3. Manipulation of Purified DNA
4. How to Obtain a Clone of a Specific Gene
5. Analysis of Gene Expression
6. Polymerase Chain Reaction

Prerequisite

Molecular Biology