

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	遺傳學實驗	Serial No. / ID	1848 / BRI2091
Dept.	生物資源學系	School System / Class	大學日間部2年1班
Lecturer	柳源德	Full or Part-time	專任
Required / Credit	Optinal / 1	Graduate Class	No
Time / Place	(一)789 / J301	Language	Chinese

Introduction
Training students to design experiments and the abilities of operation

Outline
<ol style="list-style-type: none"><li>1. Check in and Introduction</li><li>2. Probility &amp; Chi-square Method</li><li>3. Mitosis</li><li>4. General Information of Drosophila Experiments</li><li>5. Isolation of Genomic DNA</li><li>6 .Purification of E. coli DNA</li><li>7 .Electrophesis of DNA</li><li>8 .Drosophila Genetics</li><li>9. Human Chromosome Analysis</li><li>10. Purification of RNA</li><li>11. Extraction &amp; Purification of Plasmid DNA</li><li>12. Restriction Enzyme Digestion</li></ol>

Prerequisite
experiments of general biology