

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	植物組織培養學專論	Serial No. / ID	1805 / MBR5013
Dept.	分子生物科技學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	余聰安	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(五)567 / J505	Language	Chinese

Introduction
<p>Plant tissue culture is modern and popular biotechnology. Basic training in life science, technique training in molecular biotechnology development and application, and practice training in bio-industry are our course goals. This course gives instruction in basic background and practice lab operation of plant tissue culture. We hope the student has the ability for practices knowledge and e x e c u t e capability in plant biotechnology.</p>

Outline
<ol style="list-style-type: none"> 1. Introduction 2. Plant Tissue Culture Techniques 3.Plant Propagation and Micropropagation 4. Variation in Cultures and Regenerated Plants 5. Equipments and Procedures 6. Controlling Persistent Contaminants and Plant Diseases 7.middle test 8.Storing and Distributing Clonal Material 9.Factors affecting Growth and Morphogenesis 10.The components of culture media 11.The Derivation, Preparation, and Use of Plant Culture Media 12. Final test

Prerequisite
none