

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物科技特論	Serial No. / ID	2710 / PBN6104
Dept.	生物科技碩士在職學位學程	School System / Class	碩士在職專班1年1班
Lecturer	柳源德	Full or Part-time	專任
Required / Credit	Required / 2	Graduate Class	No
Time / Place	(六)34 / B201	Language	Chinese

Introduction	
The aim of this class is to help students understand the presenting and the future development of biotechnology by using specific case examples.	

Outline	
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Chinese herbal medicine</li><li>3. Mushroom culturing</li><li>4. Medical mushrooms</li><li>5. CHM discovery</li><li>6. Healthy food</li><li>7. The market of biotechnology</li><li>8. Biotechnology</li><li>9. Using bacteria as production factory</li><li>10. Green energy</li><li>11. Bio-remediation</li><li>12. Waste treatment</li><li>13. Drugs developed by microbes</li><li>14. Metagenomics<ul style="list-style-type: none"><li>生物廢棄物處理</li><li>微生物藥品</li><li>社群性微生物</li></ul></li></ol>	

Prerequisite	
Students who take this class must have a basic background of biology.	