

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物技術研究方法	Serial No. / ID	1768 / BRI3032
Dept.	生物資源學系	School System / Class	大學日間部3年1班
Lecturer	孫芳君	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)789 / J306	Language	Chinese

Introduction
<p>The topics of this course include the introduction of biotechnology, research and development, genomic technology, post-genomic technology and protection of biotechnology. Students can understand the specific application in biotechnology and be able to operate the bioinformatics software to strengthen the professional capacity of the experimental design, execution and analysis.</p>

Outline
<p>Introduction</p> <p>Introduction of Biotechnology</p> <p>Research and development in Biotechnology</p> <p>Basic Molecular Biology</p> <p>Molecular Techniques about nucleic acids and proteins</p> <p>Genetic manipulation technology</p> <p>Genome project</p> <p>Middle test</p> <p>Gene expression</p> <p>Biotechnology of post-Genome Era-</p> <p>Technology and Application of Bioinformatics</p> <p>Biotechnology of post-Genome Era-</p> <p>Technology and Application of Proteomics</p> <p>Protection of Biotechnology-Intellectual Properties</p> <p>Future of Biotechnology</p> <p>Group report</p> <p>Group report</p> <p>Group report</p> <p>Group report</p> <p>Summary</p>

Prerequisite
<p>Biology</p> <p>Chemistry</p>