

## 98-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	基因改造食品	Serial No. / ID	0967 / BTI2030
Dept.	生物產業科技學系	School System / Class	大學日間部3年1班
Lecturer	柯文慶	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(一)34 / H607 (三)6 / H607	Language	Chinese

Introduction
<ol style="list-style-type: none"> <li>1. Describe the definition of genetically modified food to set up basic concept.</li> <li>2. Discuss the development of biotechnology to understand the content of traditional and modern biotechnology.</li> <li>3. Introduce the innovative ideas of several genetically modified food include soy protein, milk protein, yeast and ice nucleation bacteria.</li> <li>4. Introduce the worry and inspection about genetically modified food.</li> </ol>

Outline
<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Key technologies for biotechnology</li> <li>3. High quality for soy protein</li> <li>4. Functionality improvement for milk proteins</li> <li>5. Breeding of glucoamylase producing yeast and its application</li> <li>6. Application of ice nucleation bacteria on inhibition of frost damage and food freezing</li> <li>7. The worry and detection of GMF</li> </ol>

Prerequisite
not required