

97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	基因改造食品	Serial No. / ID	0454 / 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 / H543 (三)6 / H543	Language	Chinese

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

Outline
<ol style="list-style-type: none">1. Introduction2. Key technologies for biotechnology3. High quality for soy protein4. Functionality improvement for milk proteins5. Breeding of glucoamylase producing yeast and its application6. Application of ice nucleation bacteria on inhibition of frost damage and food freezing7. The worry and detection of GMF

Prerequisite
not required