

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生技產業經營與管理	Serial No. / ID	1999 / PBN6204
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	楊博文	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(六)567 / H635	Language	Chinese

Introduction
<p>Biotechnology is a high value-added and knowledge-oriented industry, with great development potential; therefore our government has listed biotechnology as a key industry targeted for promotion. However, the biotechnology industry has the characteristics of being highly regulated and high risk, time consuming for commercialization and certification, and requiring internationalized marketing. This is hereby specified for the purpose of establishing a complete system for developing biotechnology, expediting the promotion of core biotechnology R&D, and developing an international competitive biotechnology industry.</p>

Outline
<p>Establish Taiwan to be a vital link for R&D and commercialization in the international biotechnology community and an Asia-Pacific R&D, manufacturing and operations center for the biotechnology industry. Over the next five years, the annual growth rate in revenue for Taiwan's biotechnology industry will average 25% and will generate US\$ 4.3 billion in investment. Five hundred biotechnology companies will be established within the next ten years.</p> <p>1. Complete related laws and regulations and establish the guidelines for evaluation and certification; promote the implementation of related criteria and standards.</p> <p>2. Expand the budget to reinforce incentive programs, promote investments, actively t</p>

ransfer technologies and develop the market. 3. Expand the budget to reinforce R&D and the transfer, commercialization and application of their results. 4. Broaden the cultivation and recruitment of professionals and experts. 5. Establish measures for the protection of intellectual property rights (IPR). 6. Promote international mutual certification and build up a biotechnology information database.

Prerequisite

Biochemistry