

# 100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生態學特論	Serial No. / ID	2002 / TDR5007
Dept.	生物科技博士學位學程	School System / Class	研究所博士班1年1班
Lecturer	賴伯琦	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(六)678 / H545	Language	Chinese

Introduction
Introduction of clasiiscal Ecology and further applications.

Outline
1 Introduction
2 Life on Land
3 Life in Water
4 Temperature Relations
5 Water Relations
6 Energy and Nutrients Relations
7 Social Relations
8 Population Distribution and Abundance
9 Population Dynamics
10 Population Growth
11 Life Histories
12 Competition
13 Exploitative Interaction
14 Mutualism
15 Species Abundance & Diversity
16 Community
17 Primary Production & Energy Flow
18 Nutrient Cycling Retention

Prerequisite
Biology