

98-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
|-------------------|--------------|-----------------------|----------------|
| Title | 生命科學J1 | Serial No. / ID | 0156 / CDC6908 |
| Dept. | 共同教學中心 | School System / Class | 大學日間部6年2班 |
| Lecturer | 張雲祥 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 2 | Graduate Class | NO |
| Time / Place | (五)34 / B304 | Language | Chinese |

Introduction

In recent years, biotechnology techniques have been developed rapidly and considered as essential tools for life science research. Besides, biotechnology techniques are also increasingly applied to food, agriculture, ornamental plants, energy, and pharmacy industry, i.e. an impact on our future life. This course will introduce students to the living world of life science and modern biotechnology. Therefore, the goal of this course is to help students to develop an understanding of life and modern biotechnology and learn about the world around them.

Outline

1. Origin of Life
2. Evolution
3. The Molecules of Life
4. DNA Technology
5. Modern Biotechnology
6. Microbial Life: Bacteria
7. Microbial Life: Viruses
8. A Tour of Plant Animal
9. A Tour of Plant

Prerequisite

None