

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	微生物學實驗	Serial No. / ID	2418 / BRI2090
Dept.	生物資源學系	School System / Class	大學日間部3年1班
Lecturer	柳源德	Full or Part-time	專任
Required / Credit	Optinal / 1	Graduate Class	No
Time / Place	(二)789 / N226	Language	Chinese

Introduction

The aim of this class is to teach students to learn the experimental microbiology, students are able to learn about microbiology more deeply after learning via the experimental classes.

Outline

1. Introduction
2. The culture of bacteria
3. The culture of bacteria II
4. Gram staining
5. Bacterial growth
6. Bacteria from human body
7. The culture of fungi
8. Inhibition of bacterial growth
9. Midterm
10. The extraction of bacterial DNA
11. The extraction of fungal DNA
12. Bacterial enzymes
13. Plasmid extraction
14. DNA electrophoresis
15. Bacteria for soil
16. Systematic biology of bacteria
17. PCR practice
18. Final exam

Prerequisite

Students who take this class must have taken the class "Microbiology" or is taking microbiology as well.