

# 100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分子生物學(二)	Serial No. / ID	1768 / BRI3007
Dept.	生物資源學系	School System / Class	大學日間部3年1班
Lecturer	孫芳君	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)4 / J306 (三)34 / J306	Language	Chinese

Introduction
This course will introduce the basic content and principle of Molecular Biology, including structure, function and regulation of the genes.

Outline
1. Introduction
2. Mechanism of transcription
3. Mechanism of transcription
4. RNA splicing
5. RNA splicing
6. Translation
7. Translation
Midterm
8. The genetic code
9. Transcriptional regulation in prokaryotes (chapter16)
10. Transcriptional regulation in prokaryotes
11. Transcriptional regulation in eukaryotes
12. Transcriptional regulation in eukaryotes
13. Regulatory RNAs
14. Techniques of molecular biology
15. Techniques of molecular biology
Final

Prerequisite
普通生物學