

101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	遺傳學	Serial No. / ID	1832 / BRI2029
Dept.	生物資源學系	School System / Class	大學日間部2年1班
Lecturer	柳源德	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)8 / J306 (五)78 / J306	Language	Chinese

Introduction	
Introduction of Classical Genetics and Modern Genetics	

Outline	
<ol style="list-style-type: none">1. Introduction2. Mendelian Genetics3. Mitosis and Meiosis4. Sex Linkage and Pedigree5. Modification to Mendelian Patterns of Inheritance6. DNA Structure7. DNA replication8. Gene Expression: Transcription9. Gene Expression: Translation10. DNA Mutation, DNA Repair11. Applications of Recombinant DNA Technology12. Population Genetics and Evolution	

Prerequisite	
General Biology	