

# 102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	遺傳學	Serial No. / ID	0486 / 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	(三)569 / J109	Language	Chinese

Introduction
Introduction of Classical Genetics and Modern Genetics

Outline
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Mendelian Genetics</li><li>3. Mitosis and Meiosis</li><li>4. Sex Linkage and Pedigree</li><li>5. Modification to Mendelian Patterns of Inheritance</li><li>6. DNA Structure</li><li>7. DNA replication</li><li>8. Gene Expression: Transcription</li><li>9. Gene Expression: Translation</li><li>10. DNA Mutation, DNA Repair</li><li>11. Applications of Recombinant DNA Technology</li><li>12. Population Genetics and Evolution</li></ol>

Prerequisite
General Biology