

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物化學實驗	Serial No. / ID	0522 / MBI3090
Dept.	分子生物科技學系	School System / Class	大學日間部3年1班
Lecturer	李泰林	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(二)567 / J515	Language	Chinese

Introduction
The aim of this Biochemistry experiment is leading student to familiar the experiment holding in laboratory. Accordingly, the student should collect data, analyze it and report it. Consequently, establish their ability in lab work, further study or career.

Outline
<ol style="list-style-type: none"><li>1. Laboratory rule</li><li>2. Cleaning</li><li>3. Amino acid separation by ion-exchange chromatography</li><li>4. Protein separation by SDS-PAGE</li><li>5. Potato polyphenolic enzyme preparation</li><li>6. Basic protease activity assay</li><li>7. DNA and RNA extration</li><li>8. Polysaccharide intermediate analysis</li><li>9. Middle-term examination</li><li>10. Protein estimation</li><li>11. Reduce-end of saccharide measurement</li><li>12. Phosphate anabolism</li><li>13. Amino acid separation by paper chromatography</li><li>14. Thrombolytic enzymes activity</li><li>15. TLC separation of soluble sugar</li><li>16. Group reporting</li><li>17. Working area cleaning</li><li>18. Term examination</li></ol>

Prerequisite
Biology and Chemistry