

## 99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物化學(二)	Serial No. / ID	0769 / BTI3002
Dept.	生物產業科技學系	School System / Class	大學日間部3年2班
Lecturer	吳芳禎	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(四)3 / H345 (五)34 / H345	Language	Chinese

Introduction
Students learn the metabolites and metabolism in organisms.

Outline
<ol style="list-style-type: none"> <li>1. Glycolysis, gluconeogenesis and the pentose phosphate pathway</li> <li>2. Principles of metabolic regulation: glucose and glycogen</li> <li>3. The citric acid cycle</li> <li>4. Fatty acid catabolism</li> <li>5. Amino acid oxidation and the production of urea</li> <li>6. Oxidative phosphorylation</li> <li>7. Lipid biosynthesis</li> </ol>

Prerequisite
No primary courses required.