

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物化學(二)	Serial No. / ID	1559 / BTI3002
Dept.	生物產業科技學系	School System / Class	大學日間部3年2班
Lecturer	吳淑姿	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)4 / H537 (四)12 / H444	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.