

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	微生物學(一)	Serial No. / ID	2517 / MBI2005
Dept.	分子生物科技學系	School System / Class	大學日間部1年1班
Lecturer	劉淑瑛	Full or Part-time	專任
Required / Credit	Required / 2	Graduate Class	No
Time / Place	(二)56 / J320	Language	Chinese

Introduction
The characterization of microbes (including bacteria, virus, fungi, algae, protozoa, & helminth), covering the fundamental physical & biochemical characters, metabolism pathways, genetics, etc. Discussion in all aspects of microbiology, such as history, structure & classification, metabolism, microbial technology, relation within the ecosystem, pathogenesis, immune response in host, industrial application, etc. High-impact research articles will also be discussed.

Outline
<ol style="list-style-type: none"><li>1. History of Microbiology</li><li>2. Chemistry of Microbiology</li><li>3. Structure and Function of cells</li><li>4. Microscopy</li><li>5. Metabolism, Nutrition, and Growth</li><li>6. Genetics</li><li>7.Characterization and Classification</li></ol>

Prerequisite
None