

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	醫用微生物學	Serial No. / ID	1074 / MBR5011
Dept.	分子生物科技學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	劉淑瑛	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)234 / J505	Language	Chinese

Introduction
The aim of this course is to discuss the general characteristics of infections caused by specific microbial agents, including bacteria, viruses, fungi, and parasites. The physiological chemical properties, pathogenesis and immunity, epidemiology, laboratory diagnosis, treatment, prevention, and control of these infectious agents will be thoroughly discussed. High-impact research articles will also be discussed.

Outline
<ol style="list-style-type: none"><li>1. Basic Principles of Medical Microbiology</li><li>2. Basic Concepts in the Immune Response</li><li>3. General Principles of Laboratory Diagnosis</li><li>4. Bacteriology</li><li>5. Virology</li><li>6. Mycology</li><li>7. Parasitology</li></ol>

Prerequisite
Basic knowledge in microbiology