

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	病原分子致病機制	Serial No. / ID	2449 / MBI4014
Dept.	分子生物科技學系	School System / Class	大學日間部4年1班
Lecturer	劉淑瑛	Full or Part-time	專任
Required / Credit	Optinal / 2	Graduate Class	Yes
Time / Place	(四)34 / J505	Language	English

Introduction
Molecular aspects of the pathogenesis of infectious agents, including bacteria, viruses, fungi and parasites, applications in genetic engineering & gene therapy, as well as detection & control by both vaccines & anti-infection strategies. The course provides a background for studying infectious diseases in humans, animals & plants.

Outline
<ol style="list-style-type: none"><li>1. Immune response</li><li>2. Virulence factors</li><li>3. Vaccines</li><li>4. Antibiotics</li><li>5. Bacterial Pathogenesis</li><li>6. Viral Pathogenesis</li><li>7. Fungal Pathogenesis</li></ol>

Prerequisite
Basic Microbiology knowledge is required