

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物資訊學導論	Serial No. / ID	0550 / MBI3019
Dept.	分子生物科技學系	School System / Class	大學日間部3年1班
Lecturer	張雲祥	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)34 / A406 (四)5 / A406	Language	Chinese

Introduction

To realize what is bioinformatics and practically use bioinformatic tools. The course will concern about the following contents: what is bioinformatics, data mining, introduction to molecular biology, bioinformatics tools, Blast, biological molecule structure prediction, sequence assembly, applications of human genetic and protein tags, evolution and classification tools, PCR, gene analysis tools, post-genome era and bioinformatics.

Outline

what is bioinformatics, data mining, introduction to molecular biology, bioinformatics tools, Blast, biological molecule structure prediction, sequence assembly, applications of human genetic and protein tags, evolution and classification tools, PCR, gene analysis tools, post-genome era and bioinformatics

Prerequisite

biology, biochemistry, molecular biology, english reading and computer operation