處理學期(Current Semester)：1092

請尊重智慧財產權，請勿非法影印

1092學期所開設課程『普通微生物學(二)』的課程內容

課程代碼(Course Number)	B3902L6J
授課老師(Instructor)	柯源悌(Yuan-Tih Ko)
中文課名(Chinese Course Title)	普通微生物學(二)
英文課名(English Course Title)	Microbiology (Ⅱ)
開課年班(Grade and Class)	2A
選課人數(Quantity)	111
選課類別(Course Type)	選修(Elective Course)
上課時間(Course Meeting Days/Times)	502,503,504
上課地點(Classroom)	MFS001,MFS001,MFS001
開課系所(Department/Institute Office of Course)	食品科學系食品科學組(Food Science, Division of Fo
學分(Credit(s)) 3	時數(Course Hour(s)) 3
人數上限(Maximum Number of Students) 120	人數下限(Minimum Number of Students) 10
開課期別(Course Type)	單學期(semester course)
是否實習	否
備註(Note) 必選修,3位老師合上,生技組合上.	

課程綱要

教學目標 Objective	中 文	本課程為主修食品科學及相關學門者，對微生物學學習的入門。
	English	The topic of this course is to introduce the knowledge of Microbiology for the students study in the field of Food Science and related disciplines.
先修科目 Pre Course	中 文	None
	English	None
教材內容 Outline	中 文	1. Principles of disease and epidemiology. 2. Microbial mechanisms of pathogenicity. 3. Nonspecific defenses of the host. 4. Specific defenses of the host: The immune response. 5. Practical applications of immunology. 6. Antimicrobial drugs. 7. Microbial diseases of digestive systems. 8. Environmental Microbiology. 9. Applied and Industrial microbiology.
	English	1. Principles of disease and epidemiology. 2. Microbial mechanisms of pathogenicity. 3. Nonspecific defenses of the host. 4. Specific defenses of the host: The immune response. 5. Practical applications of immunology. 6. Antimicrobial drugs. 7. Microbial diseases of digestive systems. 8. Environmental Microbiology. 9. Applied and Industrial microbiology.
教學方式 Teaching Method	中 文	Microsoft Office PowerPoint教學. 每週授課時依教學進度說明原理、發展現況、與未來可能應用的範籌。本班本學期共有二次段考一次與期末考，以分散修課同學的學習壓力。
	English	Teachers will teach the course according to the progress schedule everyweek. And the content will cover principle, current developments, and their potential application in the future. In this semester, there are two monthly quizs and one final exam, and their scores will be counted as 1/3 for the final grade. This is a kind of trial to releaseing the students` learning pressure.
參考書目 Reference	中 文	Tortora, G. J., B. R. Funke, and C. L. Case. 2004. Microbiology, 8th Ed. Pearson Education, Inc., publishing as Benjamin Cummings.
	English	
教學進度 Syllabus	中 文	如課程大綱之順序
	English	
評量方式 Evaluation	中 文	除期中考與期末考外, 在期中考與期末考前各有一次平時考，以分散修課同學的學習壓力。
	English	

參考網址
上課時會印發基本的 PowerPoint 投影片資料