朝陽科技大學 096學年度第2學期教學大綱
Special Topics in Analytical Chemistry of Medicine 藥物分析化學特論

當期課號	7190	Course Number	7190
授課教師	許世興	Instructor	SHEU,CE SHING
中文課名	藥物分析化學特論	Course Name	Special Topics in Analytical Chemistry of Medicine
開課單位	應用化學系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程將著重於儀器分析在藥物/天然物化學分析上的應用，期使學生在研究所所習得之藥物分析化學理論能與實際的實驗操作相互印證，而達到教學做合一之學以致用目標。	Objectives	This course will focus on instrumental analysis in the application of the chemical analysis to medicine / natural products. It makes students can confirm the theory of the Analytical Chemistry of Medicine and experimental operations in the graduate school. These will reach the goal of teaching, learning and doing well.
教材	藥物分析化學	Teaching Materials	Pharmaceutical analysis 作者:David G. Watson 出版社: Churchill Livingstone
成績評量方式	兩次考試平均	Grading	Average of two tests
教師網頁			
教學內容	分析方法的確認. 藥物的物理與化學性質. 層析理論. 液相層析.氣相層析. 薄片層析.毛細管電泳.	Syllabus	Control of the quality of analytical methods; Physical and chemical properties of drug molecules; Chromatographic theory; High pressure liquid chromatography; Gas chromatography; Thin layer chromatography; High performance capillary electrophoresis.

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