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②国玄東華大學

課 網 Course Outline 教育與潛能開發學系科學教育博士班

中文課程名稱 Course Name in Chinese		質性科學教育研究法					
英文課程名稱 Course Name in English		Qualitative Research for Science Education					
科目代碼 Course Code		SCE_71890	班 別 Degree		博士班 Ph. D.		
修別 Type		選修 Elective	學分數 Credit(s)	3.0	時 數 Hour(s)	3. 0	
先修課程 Prerequisite				1	1		
		;	課程目標				
Course Objectives							
本課程透過共同閱讀討論與實作的方式,期望學生能於此科目中認識質性研究之哲學背景、理論基礎、資料蒐集與分析方法、論文撰寫方式、以及論文的審核準則,進而深刻 思考質的研究在科學教育中的存在意							
系教育目標 Dept.'s Education Objectives							
1	培養從事科學教育學術研究的進階人才。 To cultivate advanced talents in science education study						
2	培養具備國際視野及在地關懷的科學教育專業領導者。 To cultivate professional leaders in science education with global perspective and local concern						
3	培養科學教育創新的專業領導者。 To cultivate professional leaders for science education innovation						
4	培養各級學校科學教學領航者。 To cultivate science teaching leaders of all levels of schoo						
5	培養大眾科學教育及科學傳播的專業人才。 To cultivate the professional talents of science communication and public science education						
課程目標與系專業 力相關性 Correlation between Course Basic Learning Outcomes Objectives and Dept.'s Educat Objectives					ion Course es and Education		
A		理論發展與實踐之素養。 capacity to develop and on		heories in		0	

В	具備科學教育獨立研究素養。 To possess the ability of independent study focusing on science education	0				
С	具備科學教育的創新與問題解決素養。 To possess creativity in science education and the ability of problem solving	0				
D	具備國際學術交流之素養。 To possess the ability of international academic exchanges	0				
Е	具備科學教學專業素養。 To possess the ability and professional knowledge in science education					
圖示說明Illustration :● 高度相關 Highly correlated ○中度相關 Moderately correlated						
課程大綱						
Course Outline						
1. 科教研究派典的轉變						
2. 質性研究的理論基礎						
3. 質性資料的蒐集與分析						
4. 質性論文的撰寫						
5. 行動研究的興起與類別						
6. 研究倫理						
資源需求評估(師資專長之聘任、儀器設備的配合・・・等)						
Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)						
多媒體設備						
課程要求和教學方式之建議						
Course Requirements and Suggested Teaching Methods						
講解、閱讀、討論、實際蒐集質性						
其他						
Miscellaneous						