

地理學系碩士班專業能力指標與課程對應表

能力層面	1・知識／認知	2・職能導向	3・個人特質	4・價值／倫理
指 標	(1) 瞭解地理學知識的基本內涵，包括理論概念、區域 特色等 (2) 熟練地理學研究所需的基本技能，包括GIS 操作、地圖繪製、資料蒐集、整理與分析等 (3) 具備獨立從事地理學研究的基本能力，包括問題意識、解析方法、論文撰述等	(1) 具備環境監測與防災的基本知識，及探究環境變遷之能力 (2) 具備電腦軟體與檢測儀器的操作能力，及地理環境的資料處理能力 (3) 具備環境議題分析與應用能力，能整合學習知識與技能應用於環境評估 (4) 具備整合規劃管理與溝通理論的能力 (5) 具備規劃區域發展與觀光資源之實務操作能力 (6) 具備參與制定政策與參與公共事務能力 (7) 具備空間資訊學的基礎研究能力 (8) 具備空間資料蒐集與處理技術的能力 (9) 具備空間資訊在社經、公衛、防災、環境資源、大地工程等領域之研究、規劃、管理和決策 的應用能力 (10) 具備地理教育基礎研究的能力 (11) 具備中等學校地理教師的地理學內涵、中學地理教育目標、中學地理教材教法及編製教學評量的技能，蒐集、分析、研發教材教法的能力	(1) 能表達個人意見、與人溝通，並修正自己的思維 (2) 具備慎思、明辨與獨立解決問題的能力 (3) 具備團隊合作與負責任的工作態度	(1) 具備自我發展的能力，以適應未來資訊化、全球化、多元化的社會環境 (2) 能持續性參與研習及進修，以增進終身學習及生涯發展的能力 (3) 具備人文及科技素養，以思考、判斷、創造能力解決問題

地理學系碩士班專業能力指標與課程對應一覽表

能力指標 課程		1·知識／認知			2·職能導向											3·個人特質			4·價值／倫理		
		(1)	(2)	(3)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(1)	(2)	(3)	(1)	(2)	(3)
碩士班																					
必修課程																					
一年級	地理學研究法	●	●	●			●									●	●		●	●	●
	地理論著評讀		●	●			●									●	●		●	●	●
	地理學專題演講(一)	●		●			●									●	●	●	●	●	●
	地理學專題演講(二)	●		●			●									●	●	●	●	●	●
選修課程																					
一年級	地形學研討	●	●	●	●	●	●									●	●		●	●	
	水文學研討	●	●	●	●	●	●					●				●	●	●	●	●	●
	工業地理研討	●		●												●	●			●	●
	市場地理研討	●		●						●			●	●	●	●	●	●	●	●	●
	區位分析	●		●						●	●	●	●	●	●	●	●	●	●	●	●
	都市地理研討	●	●	●													●				
	遙測技術	●	●								●	●					●	●	●		
	資源分析與管理	●	●	●	●	●	●	●	●		●		●			●	●		●	●	●
	地理資訊	●	●	●		●					●	●						●	●		

分析																				
地理論文 寫作法			●			●						●	●		●	●		●	●	●
族群地理 研討	●		●					●				●	●	●			●	●	●	
產業生態 學研討						●	●	●						●	●		●		●	
海洋學研 討	●														●		●			
環境保育 研討	●		●	●		●						●	●	●	●	●	●		●	
人口地理 研討	●	●				●				●		●	●	●	●	●	●	●	●	
經濟地理 研討	●	●	●									●	●	●	●	●	●	●	●	
土地利用 與計劃	●	●				●	●	●	●						●		●		●	
文化地理 研討	●		●	●			●	●	●				●	●	●	●		●	●	
歷史地理 研討	●	●	●											●	●	●	●	●	●	
地理學思 想史	●	●	●			●							●	●	●	●	●	●	●	
製圖學研 討	●	●	●						●	●		●					●			
臺灣自然 地理研討	●	●	●	●	●	●								●	●	●	●	●		
中國地理 研討	●	●	●											●	●	●	●	●	●	
景觀生態 學	●					●									●		●		●	
空間決策 資源系統	●	●	●		●					●	●					●	●			
都市環境	●	●	●	●	●	●									●	●	●	●	●	

	學																				
	中國環境問題研討	●		●	●	●	●			●		●	●			●	●	●	●		●
	臺灣鄉土地理研討	●	●	●										●	●	●	●	●	●	●	●
	人文生態學	●					●									●		●			●
	高科技產業地理研討	●		●				●	●	●						●	●		●	●	●
	環境監測與評估		●	●	●	●	●	●		●			●			●	●	●	●		●
	災害系統研討	●	●	●	●	●	●									●	●	●	●	●	●
	多變量分析		●	●		●	●		●		●	●	●				●				●
	空間技術	●	●	●		●					●	●						●	●		
	空間資料庫	●	●	●		●					●	●						●	●		
	臺灣鄉土地理研討	●		●			●	●		●				●		●	●	●	●	●	●
碩博合開 選修課程	景觀與土地利用規劃	●		●	●	●	●			●		●	●			●	●	●	●		●
	地理教育的理論與實施	●		●										●	●	●	●	●	●	●	●
	臺灣氣候研討	●	●	●	●		●							●	●	●	●		●	●	●
	乾旱氣候研討	●	●	●	●		●							●	●	●	●		●	●	●
	臺灣地理研討	●	●	●	●											●	●	●	●	●	●
	社會地理研討			●				●		●						●	●	●	●	●	●

聚落地理 研討	●		●										●	●	●	●		●	●	●
生物地理 與自然保 育研討			●		●	●	●		●					●	●	●	●	●		●
觀光遊憩 地理研討			●				●	●	●						●		●	●	●	●
島嶼地理 研討			●		●	●	●		●					●	●	●	●	●		●
景域地理 研討	●		●			●		●					●	●	●	●	●	●	●	●
地理資訊 研討	●	●	●	●	●	●				●	●	●	●			●		●	●	
地理資訊 網路應用	●	●	●		●					●	●					●	●			
醫學地理 研討	●		●						●			●			●	●	●	●	●	●
地理學統 計法		●													●		●			
數值地形 模擬分析		●	●		●	●				●	●	●				●		●	●	
海岸環境 分析	●	●	●	●		●	●					●				●	●	●	●	●
氣候學研 討	●	●	●	●		●							●	●	●	●		●	●	●
農業地理 研討	●	●	●			●							●	●	●	●	●	●	●	●
政治地理 研討	●		●					●	●				●		●	●	●	●	●	●
交通地理 研討	●		●										●	●	●	●		●	●	●
環境污染 與管理	●	●	●	●	●	●	●	●		●		●			●	●		●	●	●
空間計量		●	●		●	●				●	●	●				●		●	●	

分析																				
臺灣原住民地理研討	●		●					●	●						●	●	●	●	●	●
地景調查與規劃		●	●			●	●	●	●						●	●	●	●	●	●
臺灣人文地理研討	●	●	●			●	●	●	●				●	●	●	●	●	●	●	●
沈積學特論		●	●	●	●	●									●	●	●	●	●	●
天氣學研討		●	●	●	●	●				●	●	●				●		●		
質性研究與論文寫作			●			●			●			●			●	●		●	●	●
流域環境分析	●	●	●	●		●	●					●				●	●	●	●	●
日常生活地理研討			●									●			●	●		●		●
地區經濟發展	●		●				●	●	●						●	●		●	●	●
都市政治與政策			●				●	●	●						●	●		●	●	●
空間與社會			●				●		●						●	●	●	●	●	●
鄉村地理與鄉村發展			●				●		●						●	●	●	●	●	●
女性主義地理學研討			●				●		●						●	●	●	●	●	●
空間論	●		●				●		●						●	●	●	●	●	●
宗教地理研討	●		●				●	●	●						●	●	●	●	●	●
區域地理	●		●			●		●					●	●	●	●	●	●	●	●

	研討																				
	金融地理 研討			●									●		●			●	●	●	
	身體與空 間研討			●		●	●		●						●	●	●	●	●	●	
	數值攝影 測量		●			●					●	●	●			●	●	●	●	●	
	社會經濟 地理資訊 系統		●	●		●		●	●	●	●				●	●	●	●	●	●	
	行動者網 絡理論與 後結構地 理學	●		●				●	●	●					●	●	●	●	●	●	
二年級	地形學專 題研究	●	●	●	●			●						●	●	●			●		
	地球科學 專題研究	●		●	●			●			●				●				●	●	
	水文學專 題研究	●	●	●	●			●						●	●		●			●	
	氣候學專 題研究	●	●	●												●					
	人口地理 專題研究	●	●					●			●			●	●	●	●	●	●	●	
	經濟地理 專題研究	●	●	●										●	●	●	●	●	●	●	
	農業地理 專題研究	●	●	●				●						●	●	●	●	●	●	●	
	工業地理 專題研究	●														●	●			●	
	聚落地理 專題研究	●												●		●			●		●
	社會地理 專題研究	●		●						●					●	●	●	●		●	●

文化地理 專題研究	●		●	●			●	●	●				●	●	●	●		●	●	●
都市地理 專題研究	●	●	●													●				
地理教育 專題研究													●		●	●		●	●	●
觀光遊憩 地理專題 研究	●							●							●			●		
環境問題 專題研究			●	●		●	●								●	●	●	●		●
地理資訊 專題研究	●	●	●						●				●	●	●	●	●	●		●
生物地理 專題研究	●		●			●			●	●		●		●	●	●	●	●		●
人文生態 專題研究						●	●	●							●	●		●		●
氣候變遷 專題研究				●												●		●		●
政治地理 專題研究	●												●		●			●		●
歷史地理 專題研究	●	●	●	●									●	●	●	●	●	●	●	●
區域地理 專題研究	●														●			●		●
生態水文 專題研究	●		●	●	●	●			●		●	●			●	●	●	●		●