

Course Structure for Ph. D Program
GPE Program, Department of Geography
National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
110	8.0	16.0	0.0	24.0

Note: The first alphabet "E" on the course name refers to the course in English as a medium of instruction

I. Required Courses: 8.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
GEC8079	1 E Seminar on Geographical Studies	2.0	2.0	0.0	This course must be retaken with a passing score for 2 times
GED0080	2 E Seminar on Geography	1.0	1.0	0.0	This course must be retaken with a passing score for 2 times
GED0081	3 E Field Work in Geography	1.0	1.0	0.0	This course must be retaken with a passing score for 2 times

II. Elective Courses: 0.0 credit is required

III. Courses Offered to Students in Different Divisions

Required Course, 0.0 credit is required

Elective Course: 16.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
GEC0054	1 E Urban Governance	2.0	2.0	0.0	
GEC0059	2 E Studies in Feminist Geography	3.0	3.0	0.0	
GEC0069	3 E Spatial Techniques	3.0	3.0	0.0	
GEC0072	4 E Global Change and Coastal Environment	2.0	2.0	0.0	
GEC8002	5 E Studies in Climate Change	3.0	3.0	0.0	
GEC8006	6 E Ecosystem Management	3.0	3.0	0.0	
GEC8015	7 E Gender and Space	2.0	2.0	0.0	
GEC8017	8 E Urban Political Economy and Spatial Development	3.0	3.0	0.0	
GEC8019	9 E Studies in Geographic Information System	3.0	3.0	0.0	
GEC8027	10 E Studies in Political Ecology	3.0	3.0	0.0	
GEC8032	11 E Topics on Geography of Everyday Life	3.0	3.0	0.0	
GEC8034	12 E Science Writing in English	3.0	3.0	0.0	
GED0018	13 E Topics in Urban Geography	2.0	2.0	0.0	

IV. Free Elective Credits: 0.0 credit is required