

113 學年度大學部 EMI 課程地圖

課號 Course Code	課程名稱 Course Name	修課年級 Year	學分數		備註 Note
			上學期 Fall	下學期 Spring	
GP3031	新構造運動 Neotectonics	地科系二、三、四年級 Department: Department of Earth Sciences Second/Third/Fourth Year only.	2		選修課程 (Elective Course)
GP3094	板塊構造 Plate Tectonics	地科系二、三、四年級 Department: Department of Earth Sciences Second/Third/Fourth Year only.	3		選修課程 (Elective Course)
GP3072	統計學 Statistics	地科系二、三、四年級 Department: Department of Earth Sciences Second/Third/Fourth Year only.		3	選修課程 (Elective Course)
GP3032	無人機測量方法介紹 Introduction to UAV Surveying Methods	地科系二、三、四年級 Department: Department of Earth Sciences Second/Third/Fourth Year only.		2	選修課程 (Elective Course)

113 學年度碩、博士班 EMI 課程地圖

課號 Course Code	課程名稱 Course Name	修課年級 Year	學分數		備註 Note
			上學期 Fall	下學期 Spring	
GP5037	海洋化學 Marine chemistry	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP5049	英文論文寫作 English Thesis Writing	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP5051	火山學 Volcanology	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP5068	地形學 Geomorphology	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP5083	地震機率預報 Earthquake Forecasting	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP5091	造山運動 Introduction to mountain building processes	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP5097	高等觀測地震學 Advanced Observatory Seismology	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP6023	高等地震學 I Advanced Seismology I	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP6057	盆地分析 Basin Analysis	碩博同修 Master/Doctoral Programme	2		選修課程 (Elective Course)
GP7032	理論地球物理學 Theoretical geophysics	博士班 Doctoral Programme	3		必選課程 (Required Elective Course)
GP5024	環境資料科學 Environmental data science	碩博同修 Master/Doctoral Programme		3	選修課程 (Elective Course)
GP5032	地震危害分析 Seismic Hazard Assessment	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5039	地理空間視覺化：地球科學中圖形和地圖的進階軟體應用 Geospatial Visualization: Advanced Software Techniques for Figures and Maps in Earth Sciences	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5045	盆地構造學 Tectonics of Sedimentary Basins	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5052	海洋地質與地球物理解釋 Marine Geology and Geophysical Interpretation	碩博同修 Master/Doctoral Programme		3	選修課程 (Elective Course)
GP5058	攝影測量、無人機資料收集處理與分析 Photogrammetry, UAV data acquisition, processing, and analyses	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5060	火山地震學 Volcano Seismology	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5080	地球科學數值應用 Numerical Applications in Earth Science	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5081	新構造運動 Neotectonics	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP5082	應用數值方法 Applied Numerical Methods	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP7019	震源力學 Source Mechanics	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)
GP7048	層序地層學 Sequence Stratigraphy	碩博同修 Master/Doctoral Programme		2	選修課程 (Elective Course)