

科目名稱：地球與環境概論實習題(II)

授課教師：葉玉蓮

上課時間：星期二 (1:15 PM-4 PM); 星期五(10:15AM - 1:00PM)

教室：數學館 106

教師研究室：地震館 505 電話：(05)2720411 ext. 66201

E-mail: vlyeh2012@gmail.com

Office hour: Thursday 1-2 PM

Teaching Goal:

為加強學生之實務經驗，本學期共有一次野外實習，地點如下：

(2) 04/25/2026

-04/26/2025: 台

灣南部地質調查

附注：修課學生須負擔出野外之所有費用(包括保險費、車資、餐費、住宿等)

Textbook:

Laboratory Manual for Introductory Geology 4th Edition (by Allan Ludman and Stephen Marshak,; W. W. Norton)

GRADE:

Lab Exercises: 45%

Fieldtrip Report: 20%

Attendance: 10%

Final project Oral Presentation: 25%

Syllabus

上課與野外實習日期 (date/month)	課程內容	主要活動
02/24;02/27	Introduction	
03/03;03/06	Project phase I	Install QCN live
03/10;03/13	Landscapes formed by streams (Chapter 13)	EX1
03/17;03/20	Groundwater as landscape former and resources (Chapter 14)	EX2
03/24;03/27	Shoreline landscapes (Chapter 17)	EX3
03/31;04/03	No class (Spring break)	
04/07;04/10	No class (Spring break)	
04/14;04/17	Earthquake and Seismology (Chapter 11)	EX4
04/21;04/24	Earthquake and Seismology	Focal mechnism
04/25-04/26	Field trip	
04/28;05/01	Project phase II	
05/05;05/08	Sandbox modeling (I)	Principals of sandbox modeling
05/12;05/15	Sandbox modeling (II)	EX5
05/19;05/22	Project phase III	
05/23	Introduction to Geophysical survey and remote sensing	
05/26;05/29	Visit CCU Earthquake Museum	
06/02;06/05	Final oral presentation	
06/09;06/12	Final Exam (No class)	