

GEOG2130 Field Methods in Geography #

Fulfill requirements of method-related courses

TIMETABLE ARRANGEMENT: Annual; 2nd Semester**CREDITS:** 6**COURSE TEACHER:** Professor Laibao LIU**ASSESSMENT:****COURSEWORK 100 %**

- Field trip reports
- Group project (with multi-components)
- Mid-term quiz

OBJECTIVES:

This course introduces students to different types of geographical field methods and techniques and helps students develop skills in field data collection, data analysis, and presentation of findings.

COURSE SYNOPSIS:

This is a foundational course on research in physical geography and is designed to introduce a number of techniques used in gathering field data. This course provides students with an opportunity to use field equipment, design experiments for field data collection. Field work is an essential part of this course. Compulsory field trips will be organized to allow students to observe and record data in the field and equip them with skills and experience to use various field techniques. Students will also be introduced to selected data analysis methods in dealing with field data. Skills for presenting field data will be also covered. This is a course of general appeal to students with different backgrounds, especially those interested in physical geography.

LECTURE TOPICS:

- Introduction
- How to research
- Field methods I, II
- Lab analysis methods
- Lab practical
- 3 field trips (may will arrange on SATURDAYS)
- Presentation

RECOMMENDED READING LIST:

(Will be updated very soon)

Course Learning Outcomes (CLOs) After completing this course, students would be able to:		Alignment with Programme Learning Outcomes (PLOs)*						Course Assessment Methods
		1	2	3	4	5	6	
1	apply qualitative and quantitative data collection skills in different environmental sectors respectively	✓	✓	✓			✓	Field trip reports, Group project, & Mid-term quiz
2	perform laboratory practices in different fields			✓			✓	Field trip reports, Group project, & Mid-term quiz
3	Design a research project	✓		✓	✓	✓	✓	Field trip reports, Group project, & Mid-term quiz
4	Present the result of research	✓		✓	✓	✓	✓	Field trip reports, Group project, & Mid-term quiz

***Geography Major Programme Learning Outcomes (PLOs)**

In order to meet the demands and challenges in this dynamic and ever-changing world, the Department has designed a series of well-structured and contemporary courses to cater to the different interests of students. Its courses are designed to align with the University's educational aims which hope to nurture future generations not only with a critical and intellectual mindset, but also with a passion to contribute to society in general.

After completing the programme, Geography Major students should be able to:

PLO1 critically analyse the geographical aspects of the relationship between people and the natural environment;

PLO2 demonstrate and develop an understanding of how these relationships have changed with space and over time;

PLO3 identify, collect and utilize primary and secondary data to investigate and analyse the issues and problems facing people, places and society;

PLO4 integrate, evaluate and communicate information from a variety of geographical and other sources;

PLO5 participate in promoting social, economic and environmental sustainability at the local, regional and global scales; and

PLO6 effectively apply a range of transferable skills in academic, professional and social settings.