



SS Geography Courses 2018-2019

Topic Description and Course Programme for 3-Day Courses

Topic Summary

Topic A (Duration: 1-day):

Topics	Field Sites
A1. Exploring the Coast in Cheung Chau	Cheung Chau coastal area
A2. Physical Environment of Cheung Chau	Little Great Wall to Nam Tum
A3. Sustainable Development in Cheung Chau	Cheung Chau downtown
A4. Agricultural System in Mui Wo	Mui Wo
A5. Woodland Ecosystem Discovery	Chi Ma Hang Road, Cheung Chau
A6. Studies of Island Weather	Cheung Chau
A7. Traffic and Pedestrian Flow Studies	Cheung Chau downtown

Topic B (Duration: 2-day):

Topics	Field Sites
B1. Managing River and Stream Quality (<i>Extended fieldwork</i>)	River Silver and Wang Tong River, MuiWo
B2. Sustainable City Study	Cheung Chau downtown
B3. Exploring Urban Environment	Cheung Chau downtown

Choice of Topics

Teachers can choose 1 topic from Topic A **AND** 1 topic from Topic B
(Topic A4 and B1 cannot be chosen at the same time)



Topic Description

A1 Exploring the Coast in Cheung Chau

- Knowledge: - to identify the characteristics of coast and the coastal landform features
- to examine the factors and processes in shaping the coast
- Skills: - to exercise the sampling methods
- to apply various data collection methods e.g. drawing field sketches and using field equipment for measurement
- to draw beach profile for processing and presenting the morphological data

A2 Physical Environment of Cheung Chau

- Knowledge: - to observe the geology in Cheung Chau
- to understand the physical landscapes in relation to exogenetic processes---weathering, erosion and mass movement
- Skills: - to practice geological fieldwork techniques
- Values: - to appreciate and cherish the invaluable geological resources

A3 Sustainable Development in Cheung Chau

- Knowledge: - to understand different sustainability indicators
- to investigate the sustainability of the study area
- Skills: - environmental quality measurement
- land use classification
- laboratory work of water samples
- second-hand data analysis
- Values: - to develop students' awareness of sustainable development

A4 Agricultural System in Mui Wo

- Knowledge: - to understand farming system
- to examine how urban development affects farming activities
- Skills: - identification of inputs, processes and outputs of different farming systems
- classification of land use
- laboratory work of water samples
- analysis of second hand data
- Values: - to develop student awareness of sustainable farming development

A5 Woodland Ecosystem Discovery

- Knowledge: - to study the impact of deforestation on woodland ecosystem
- Skills: - to handle fieldwork equipment to collect data
- Values: - to appreciate the beauty of the nature

A6 Studies of Island Weather

- Knowledge: - to understand the weather elements and the factors contributing to the weather differences
- to examine how the natural factors and human activities affect weather
- Skills: - to use different field equipment to measure weather elements
- to compare the weather data of different field sites in Cheung Chau
- to draw broken-line graph of different weather data
- Values: - to be sensitive to the changing environment around us

A7 Traffic and Pedestrian Flow Studies

- Knowledge: - to understand the relationship between location, transport system and logistics
- to understand the pros and cons of transport planning and management
- Skills: - to investigate the pros and cons of transport planning and management through conducting survey, data collection and comparison, etc. with the use of fieldwork tools
- Values: - to show concerns about the transport problems and try to make suggestions towards sustainable transport development

B1 Managing River and Stream Quality

- Knowledge: - to identify the sources and types of stream pollution
- to analyze the relationship between the nearby land use of the studied stream and its water quality
- Skills: - to collect data by field equipment and conduct laboratory work
- Values: - to be aware of the influences of urban development to the rural environment

B2 Sustainable City Study

- Knowledge: - to understand a series of sustainability indicators
- to investigate the urban problems of study area
- to suggest sustainable development plan
- Skills: - land use classification
- environment quality survey
- to design sampling and data collection methods
- Values: - to develop student awareness of urban problems and sustainable development

B3 Exploring Urban Environment

- Knowledge: - to apply the concept of “distance decay” in the context of the “urban environmental quality”
- to understand the concepts of Geographic Information System
- Skills: - to understand the statistical techniques and their application in geographical phenomenon
- to familiarize with different map reading skills practically
- to experience ArcGIS for spatial analysis
- Values: - to develop students’ awareness of sustainable development

Course Programme

Day1: Topic A with field site in Cheung Chau (Topic A1, A2, A3, A5, A6, A7)

Day 2-3: Topic B with field site in Cheung Chau (Topic B2, B3)

Time	Day 1	Day 2	Day 3
am session	<u>08:40am - 09:15am</u> <i>Fast ferry from Central to Cheung Chau</i>	<u>08:30am – 09:30am</u> <i>Breakfast</i>	
	<u>09:30am – 10:00am</u> ♦ Check-in at Caritas Camp* ♦ Briefing at Caritas Camp*	<u>09:30am – 12:30am</u> ♦ Fieldwork briefing ♦ Planning & Preparation (Topic B)	<u>09:30am – 12:30pm</u> ♦ Data processing & analysis OR Geographic Information System (GIS) workshop ♦ Preparation for presentation
	<u>10:00am – 11:00am</u> ♦ Fieldwork briefing (Topic A) <u>11:00am – 01:00pm</u> ♦ Fieldwork (Topic A)		
Lunch	<i>01:00pm - 02:00pm</i>	<i>12:30pm - 01:30pm</i>	
pm session	<u>02:00pm – 03:00pm</u> ♦ Laboratory work / data analysis**	<u>01:30pm – 05:30pm</u> ♦ Fieldwork (Topic B)	<u>01:30pm – 04:00pm</u> ♦ Presentation and evaluation
	<u>03:00pm – 5:30pm</u> ♦ Discussion and presentation		<u>04:45pm - 05:20pm</u> <i>Fast ferry from Cheung Chau to Central</i>
06:00pm – 07:00pm	<i>Dinner</i>		---
07:30pm – 10:00pm	<u>07:30pm – 09:30pm</u> ♦ Astronomy activities (optional)	<i>Recreational Activities</i>	---

Remarks:

1. *Caritas Camp includes Caritas Jockey Club Ming Fai Camp, Caritas Oi Fai Camp and Caritas Ka Fai House.
2. ** Second fieldwork is carried out in the course “Physical Environment of Cheung Chau” (A2).
3. Our centre reserves the right to change the field programme and the field sites due to any unforeseeable circumstances.

Course Programme

Day1: Topic A with field site in Mui Wo (Topic A4: Agricultural System in Mui Wo)

Day 2-3: Topic B with field site in Cheung Chau (Topic B2, B3)

Time	Day 1	Day 2	Day 3
am session	<u>08:30am - 09:20am</u> <i>Ordinary ferry from Central to Mui Wo</i>	<u>08:30am – 09:30am</u> <i>Breakfast</i>	
	<u>09:30am – 10:15am</u> ♦ Fieldwork briefing (Topic A)	<u>09:30am – 12:30am</u> ♦ Fieldwork briefing ♦ Planning & Preparation (Topic B)	<u>09:30am – 12:30pm</u> ♦ Data processing & analysis OR Geographic Information System (GIS) workshop ♦ Preparation for presentation
	<u>10:30am – 12:00pm</u> ♦ Fieldwork (Topic A)		
	<u>12:15pm - 12:45pm</u> <i>Inter Islands ferry from Mui Wo to Cheung Chau</i>		
Lunch	<i>01:15pm - 02:15pm</i>	<i>12:30pm - 01:30pm</i>	
pm session	<u>02:00pm – 03:00pm</u> ♦ Laboratory work / data analysis	<u>01:30pm – 05:30pm</u> ♦ Fieldwork (Topic B)	<u>01:30pm – 04:00pm</u> ♦ Presentation and evaluation
	<u>03:00pm – 5:30pm</u> ♦ Discussion and presentation		<u>04:45pm - 05:20pm</u> <i>Fast ferry from Cheung Chau to Central</i>
06:00pm – 07:00pm	<i>Dinner</i>		---
07:30pm – 10:00pm	<u>07:30pm – 09:30pm</u> ♦ Astronomy activities (optional)	<i>Recreational Activities</i>	---

Remarks:

- *Caritas Camp includes Caritas Jockey Club Ming Fai Camp, Caritas Oi Fai Camp and Caritas Ka Fai House.
- Our centre reserves the right to change the field programme and the field sites due to any unforeseeable circumstances.

Course Programme

Day1: Topic A with field site in Cheung Chau (Topic A1, A2, A3, A5, A6, A7)

Day 2-3: Topic B with field site in Mui Wo (Topic B1: Managing River and Stream Quality)

Time	Day 1	Day 2	Day 3
am session	<u>08:40am - 09:15am</u> <i>Fast ferry from Central to Cheung Chau</i>	<u>08:30am – 09:30am</u> <i>Breakfast</i>	
	<u>09:30am – 10:00am</u> <ul style="list-style-type: none"> ◆ Check-in at Caritas Camp* ◆ Briefing at Camp* <u>10:00am – 11:00am</u> <ul style="list-style-type: none"> ◆ Fieldwork briefing (Topic A) <u>11:00am – 01:00pm</u> <ul style="list-style-type: none"> ◆ Fieldwork (Topic A) 	<u>09:30am – 10:15am</u> <ul style="list-style-type: none"> ◆ Fieldwork briefing (Topic B) <u>10:50-11:35am</u> <ul style="list-style-type: none"> ◆ <i>Inter Islands ferry from Cheung Chau to Mui Wo</i> 	<u>09:30am – 12:30pm</u> <ul style="list-style-type: none"> ◆ Laboratory work / data analysis ◆ Discussion and preparation for presentation
Lunch	<i>01:00pm-02:00pm</i>	<i>01:30-01:45pm packed lunch</i>	<i>12:30pm-01:30pm</i>
pm session	<u>02:00pm – 03:00pm</u> <ul style="list-style-type: none"> ◆ Laboratory work / data analysis** <u>03:00pm – 5:30pm</u> <ul style="list-style-type: none"> ◆ Discussion and presentation 	<u>11:35am-04:00pm</u> <ul style="list-style-type: none"> ◆ Fieldwork (Topic B) <u>04:00pm – 04:45pm</u> <ul style="list-style-type: none"> ◆ <i>Inter Islands ferry from Mui Wo to Cheung Chau</i> <u>05:00pm – 06:00pm</u> <ul style="list-style-type: none"> ◆ Laboratory work 	<u>01:30pm – 04:00pm</u> <ul style="list-style-type: none"> ◆ Presentation and evaluation <u>04:45pm - 05:20pm</u> <i>Fast ferry from Cheung Chau to Central</i>
	06:00pm – 07:00pm	<i>Dinner</i>	
07:30pm – 10:00pm	<u>07:30pm – 09:30pm</u> <ul style="list-style-type: none"> ◆ Astronomy activities (optional) 	<i>Recreational Activities</i>	

Remarks:

1. *Caritas Camp includes Caritas Jockey Club Ming Fai Camp, Caritas Oi Fai Camp and Caritas Ka Fai House.
2. ** Second fieldwork is carried out in the course “Physical Environment of Cheung Chau” (A2)
3. Our centre reserves the right to change the field programme and the field sites due to any unforeseeable circumstances.

Ferry Schedule

Teachers and students are recommended to take the following ferries:

- ◆ Central to Cheung Chau: Fast ferry: 08:00am OR 08:40am (35 minutes)
- ◆ Cheung Chau to Central Fast ferry: 04:45pm (35 minutes) OR
Ordinary ferry: 05:15pm (55 minutes)

(Boarding location: Cheung Chau Ferry Pier)

- ◆ Cheung Chau to Aberdeen 05:00pm (55 minutes)

(Boarding location: Cheung Chau Public Pier)

Remarks:

Special transportation arrangement for the courses “Agricultural System in Mui Wo(A4)” and “Managing River and Stream Quality (B1)”. Please refer to P.6 or P.7 for details.

Centre Campus Map



聖方濟校園：香港長洲芝麻坑路39號

St. Francis Campus : 39 Chi Ma Hang Rd, Cheung Chau, Hong Kong

聖保祿校園：香港長洲長洲地段1139號龍仔村 St. Paul Campus : C C Lot No. 1139, Lung Tsai Tsuen, Cheung Chau, Hong Kong