



COURSE OUTLINE – 2014 | ENVIRONMENTAL STUDIES: ETHICS, CULTURE AND SUSTAINABILITY. THE SPIRIT OF THE LANDSCAPE

Students arrive Auckland Tuesday 27th May 12.20pm and depart Cairns/Sydney Monday 30th June

This daily outline is subject to minor changes due to unforeseen circumstances such as weather, flight delays etc. Lectures outlined in the **syllabus** are an integral part of this course and will be conducted at appropriate times and locations.

Tue May 27th | Day 1

Students arrive in Auckland, QF141 at 12.20pm. Orientation begins 4.00pm. Hostel accommodation.

Wed May 28th | Day 2

Breakfast 7.00am. Lectures 8.00-11.30am: At 1.00pm we have a city and harbor tour. Lectures 4.00 – 6.00pm. Hostel accommodation.

Thu May 29th | Day 3

9.00am. Coach (3-4 hrs) to Maori Cultural Centre (Pohara Marae) where we will experience many aspects of Maori culture, including music, dance, art, warrior training, belief systems and food. Accommodation at Centre.

Fri May 30th | Day 4

7.30 am. Depart Centre and drive to Wai-O Tapu Thermal reserve. Lecture: 'Geothermal Energy' followed by a tour of geothermal fields. Drive to Rotorua in the afternoon for a lecture on sustainable tourism. Hostel accommodation.

Sat May 31st | Day 5

Depart hostel 5.30am. Fly to Nelson (South Island) : We will undertake a 3 day Hiking/Sea kayaking expedition in the Abel Tasman National Park (one of New Zealand's Great Walks). This is a coastal park featuring seals, little penguins and indigenous birdlife. A focus here will be on conservation and protective measures taken to guard against non-indigenous predators. The area facilitates the study of pristine inter-tidal zones and the unique flora/fauna of the region: Camping/Hut accommodation.

Sun June 1st | Day 6

Expedition continues

Mon June 2nd | Day 7

Conclude hike/paddle in Abel Tasman National Park: Overnight in Nelson YHA.

Tue June 3rd | Day 8

Depart hostel 7.45am. Fly to Christchurch. 11.00am Lecture: Glaciation in New Zealand by a University of Canterbury glaciologist. We will then visit the Christchurch International Antarctic Centre. Lecture: The importance, significance and sustainability issues of the Antarctic region. We end today's journey at Lake Tekapo: We will conclude the day learning about the southern sky and the astronomical research program at the University of Canterbury Observatory at Lake Tekapo (7.00 – 9.00pm). Hostel accommodation.



Wed June 4th | Day 9

Today we will experience magnificent mountains and glacial lakes and discover their importance in the New Zealand hydro electricity industry. Drive to Mt. Cook National Park where we will hike to the Tasman Glacier and also see the New Zealand's highest mountain, Mt. Cook. Hostel accommodation.

Thu June 5th | Day 10

Morning hike to the Mueller and Hooker Glaciers to observe and experience salient points of glaciology lecture. Depart Mt. Cook and drive to Queenstown where en-route we will experience the phenomenon of 'perceived risk activities' (zip riding/bungy jumping): Lectures: Expedition preparation: Hostel accommodation.

Fri June 6th | Day 11

The next two days will take the form of a hiking expedition along the lower regions of the world famous Routeburn Track in the South West New Zealand World Heritage Area (Mt. Aspiring National Park) This area is renowned as one of the great wilderness regions in the Southern Hemisphere, where some of the best examples of plants and animals once found on the ancient super continent Gondwana can be seen: Hut accommodation.

Sat June 7th | Day 12

Hike out and return to Queenstown: Lectures: New Zealand review. Hostel accommodation.

Sun June 8th | Day 13

FREE DAY in Queenstown

Mon June 9th | Day 14

7.30am depart hostel and fly to Sydney, Australia: Australian orientation/lecture program begins: Hotel accommodation.

Tue June 10th | Day 15:

Lectures: Sydney harbour and city tour: Hotel accommodation.

Wed June 11th | Day 16

Orientation continues: Lectures: Hotel accommodation.

Thu June 12th | Day 17

Lectures: Fly to Cairns, Queensland: Hostel accommodation.

Fri June 13th | Day 18

Lectures/Presentations: Visit to the Cairns Botanic Gardens with guided tour: Hostel accommodation.

Sat June 14th | Day 19

Drive to Port Douglas Rainforest Habitat where we examine the ecosystems of the Australian Wet Tropics, and tropical rainforest flora/fauna. Drive to the Daintree river and take a cruise to learn about the complexity and importance of the flora/fauna of wet tropics estuarine rivers and hopefully spot an estuarine salt water crocodile! We see first hand the effects of tourism on small communities with competing priorities, and overburdened rural and suburban infrastructure resulting from increasing population: Hostel accommodation Cape Tribulation

Sun June 15th | Day 20

Hikes on beach and rainforest tracks/Aboriginal myths and legends: Student Presentations. Hostel Cape Tribulation

Mon June 16th | Day 21

FREE TIME: Hostel Cape Tribulation



Tue June 17th | Day 22

Drive to Home Rule camp and prepare for expedition and visit historic Cooktown for supplies. Bush camp.

Wed June 18th | Day 23

Today we learn about safety and navigation as we engage in a 3 day guided expedition, hiking up through the rainforest mountains to the coast at Cedar Bay/ alternative waterfalls/ beach hike: Bush camping in the rainforest overnight.

Thu June 19th | Day 24

Expedition

Fri June 20th | Day 25

Explore remote beaches/waterfalls, hike/boat back to rainforest campsite. Bush camp at Home Rule

Sat June 21st | Day 26

Drive to Aboriginal land: Interpretive hike with Indigenous Elder to waterfalls and spiritual sites/ Indigenous use of plants: Indigenous stories/belief systems. Bush camp

Sun June 22nd | Day 27

Drive to the 'Outback' to Jowalbinna to view one of the top ten Indigenous rock art sites in the world (UNESCO) and camp at the Rock Art Safari Camp. Bush camp

Mon June 23rd | Day 28

Hike and explore outback landscapes and World Heritage Aboriginal rock art sites. Bush camp.

Tue June 24th | Day 29

Drive back to Cairns and en-route we will visit sustainable tropical agricultural industries including a coffee plantation. Hostel accommodation

Wed June 25th | Day 30

Lectures: Presentations: Academic consultations: Hostel accommodation.

Thu June 26th | Day 31

Presentations: FREE TIME

Fri June 27th | Day 32

Cruise to Great Barrier Reef: We begin the day with a lecture on the marine biology of the Great Barrier Reef aboard a chartered ship bound for the outer Great Barrier Reef. Upon arrival we snorkel with a guided tour of the Reef ecosystem. Students will have the opportunity to have an introductory SCUBA dive (at extra cost) and certified divers may avail themselves of guided dives (at extra cost). We stay overnight on-board at the Reef and have the opportunity to night SCUBA dive. All meals are provided on board.

Sat 28th June | Day 33

Return from Great Barrier Reef

Sun June 29th | Day 34

FREE DAY: Course review: Farewell BBQ.

Mon June 30th | Day 35

Depart Cairns QF9593 at 6.00 am (Coach leaves hostel at 4.30am) : Fly back to the US. QF11 1.05pm from Sydney.